

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
 Data File : BF140988.D
 Acq On : 27 Dec 2024 11:22
 Operator : RC/JU
 Sample : PB165748BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165748BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 11:46:09 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	256031	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1040331	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	552720	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	932918	20.000	ng	0.00
76) Chrysene-d12	13.986	240	645009	20.000	ng	0.00
86) Perylene-d12	15.445	264	534877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2231575	131.384	ng	0.01
7) Phenol-d6	6.451	99	2854092	130.440	ng	0.00
23) Nitrobenzene-d5	7.392	82	1742677	107.171	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	810630	150.932	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3098400	89.313	ng	0.00
79) Terphenyl-d14	12.933	244	3571796	91.979	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	315629	41.045	ng	99
3) Pyridine	3.399	79	845642	44.999	ng	99
4) n-Nitrosodimethylamine	3.346	42	455405	47.828	ng	99
6) Aniline	6.487	93	913446	46.809	ng	98
8) 2-Chlorophenol	6.610	128	887640	49.568	ng	98
9) Benzaldehyde	6.375	77	185981	11.488	ng	97
10) Phenol	6.469	94	1139898	50.382	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	859288	47.037	ng	99
12) 1,3-Dichlorobenzene	6.769	146	911102	46.101	ng	99
13) 1,4-Dichlorobenzene	6.845	146	915190	45.937	ng	100
14) 1,2-Dichlorobenzene	6.998	146	871910	46.939	ng	99
15) Benzyl Alcohol	6.969	79	769921	48.966	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1364314	49.383	ng	100
17) 2-Methylphenol	7.075	107	731787	49.188	ng	99
18) Hexachloroethane	7.340	117	333385	47.106	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	633982	47.295	ng	99
20) 3+4-Methylphenols	7.228	107	904911	48.065	ng	94
22) Acetophenone	7.240	105	1179702	46.225	ng	99
24) Nitrobenzene	7.410	77	925898	50.958	ng	98
25) Isophorone	7.651	82	1702897	48.126	ng	100
26) 2-Nitrophenol	7.728	139	401259	53.238	ng	98
27) 2,4-Dimethylphenol	7.757	122	740229	57.241	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1039025	46.346	ng	100
29) 2,4-Dichlorophenol	7.963	162	721730	49.209	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	742329	44.718	ng	100
31) Naphthalene	8.134	128	2492883	45.475	ng	100
32) Benzoic acid	7.875	122	516127	48.418	ng	97
33) 4-Chloroaniline	8.175	127	468867	23.642	ng	100
34) Hexachlorobutadiene	8.251	225	442090	45.174	ng	99
35) Caprolactam	8.539	113	243962m	48.929	ng	
36) 4-Chloro-3-methylphenol	8.651	107	772966	47.456	ng	100
37) 2-Methylnaphthalene	8.822	142	1644932	46.905	ng	99
38) 1-Methylnaphthalene	8.922	142	1525465	44.260	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	701878	46.158	ng	99
41) Hexachlorocyclopentadiene	8.975	237	848794	168.442	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	529341	52.304	ng	99

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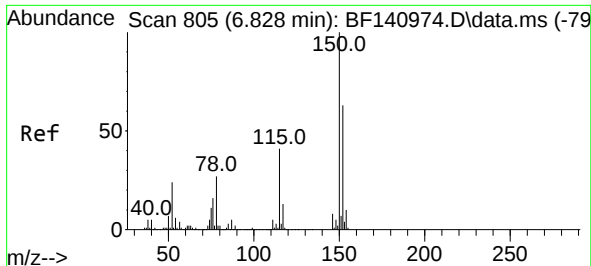
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	493831	47.690	ng	99
46) 1,1'-Biphenyl	9.286	154	1992712	47.085	ng	100
47) 2-Chloronaphthalene	9.310	162	1507561	45.930	ng	100
48) 2-Nitroaniline	9.404	65	473005	54.400	ng	95
49) Acenaphthylene	9.728	152	2359994	49.946	ng	100
50) Dimethylphthalate	9.586	163	1774172	48.800	ng	100
51) 2,6-Dinitrotoluene	9.645	165	385281	51.663	ng	98
52) Acenaphthene	9.898	154	1655278	51.819	ng	99
53) 3-Nitroaniline	9.810	138	276591	35.235	ng	# 96
54) 2,4-Dinitrophenol	9.916	184	317383	97.565	ng	# 1
55) Dibenzofuran	10.069	168	2146302	47.810	ng	100
56) 4-Nitrophenol	9.969	139	707418	113.751	ng	97
57) 2,4-Dinitrotoluene	10.051	165	505882	55.031	ng	98
58) Fluorene	10.410	166	1615393	46.404	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	445473	51.944	ng	100
60) Diethylphthalate	10.292	149	1710159	47.648	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	781139	46.634	ng	99
62) 4-Nitroaniline	10.428	138	410299	50.731	ng	97
63) Azobenzene	10.563	77	1793839	47.616	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	224645	57.982	ng	99
66) n-Nitrosodiphenylamine	10.522	169	1484538	50.533	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	506512	50.224	ng	96
68) Hexachlorobenzene	10.957	284	545919	49.092	ng	98
69) Atrazine	11.051	200	500623	60.999	ng	100
70) Pentachlorophenol	11.151	266	694854	100.360	ng	99
71) Phenanthrene	11.375	178	2441117	49.717	ng	100
72) Anthracene	11.428	178	2501157	51.986	ng	100
73) Carbazole	11.575	167	2235331	48.330	ng	100
74) Di-n-butylphthalate	11.916	149	2567123	48.799	ng	100
75) Fluoranthene	12.557	202	2554781	47.975	ng	100
77) Benzidine	12.680	184	738455	54.172	ng	99
78) Pyrene	12.786	202	2628575	46.597	ng	99
80) Butylbenzylphthalate	13.416	149	1048714	50.912	ng	99
81) Benzo(a)anthracene	13.974	228	2145007	47.716	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	417520	30.913	ng	100
83) Chrysene	14.016	228	1924524	47.491	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1320212	49.410	ng	100
85) Di-n-octyl phthalate	14.592	149	2006058	51.873	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	1821646	54.057	ng	99
88) Benzo(b)fluoranthene	15.021	252	1809211	48.498	ng	99
89) Benzo(k)fluoranthene	15.051	252	1491657	51.018	ng	100
90) Benzo(a)pyrene	15.386	252	1527433	52.752	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1475892	54.030	ng	99
92) Benzo(g,h,i)perylene	17.339	276	1371691	48.415	ng	99

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



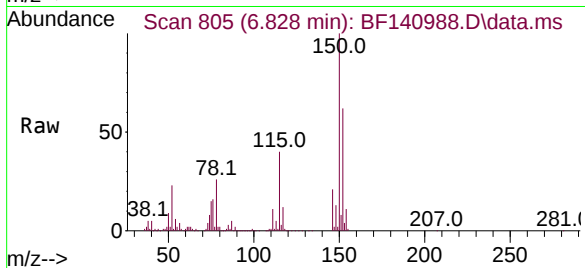
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

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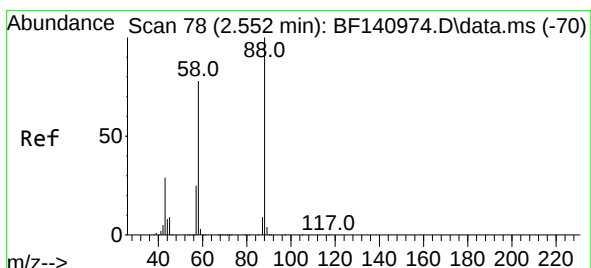
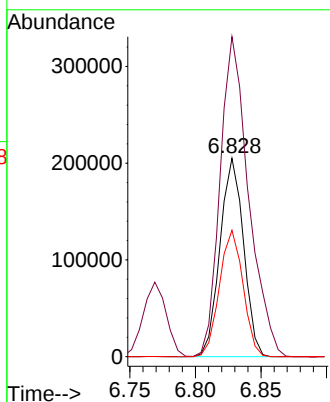
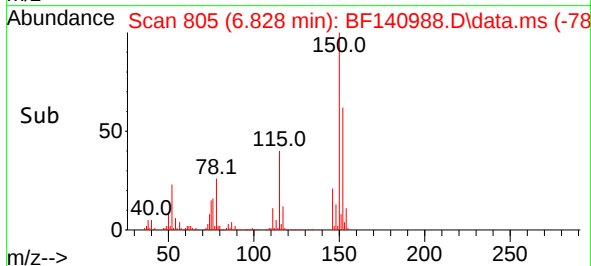
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Ion Ratio Lower Upper
152 100
150 161.3 127.0 190.6
115 63.7 51.7 77.5

Manual Integrations

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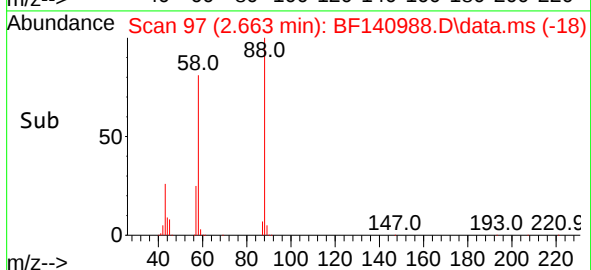
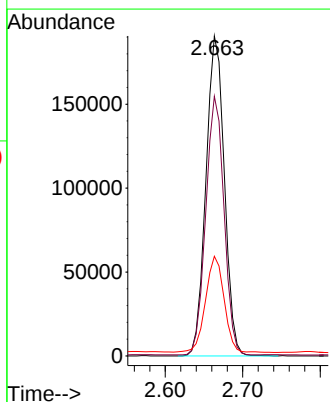
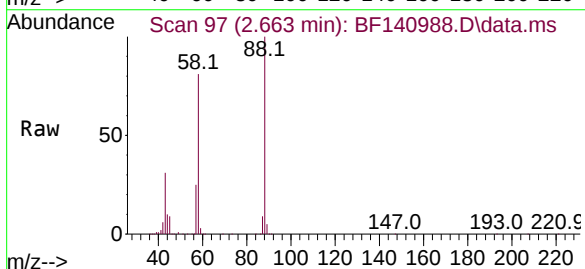
Reviewed By :Yogesh Patel 12/30/2024

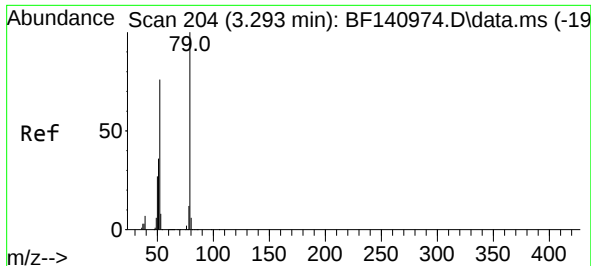
Supervised By :mohammad ahmed 12/30/2024



#2
1,4-Dioxane
Concen: 41.045 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.112 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

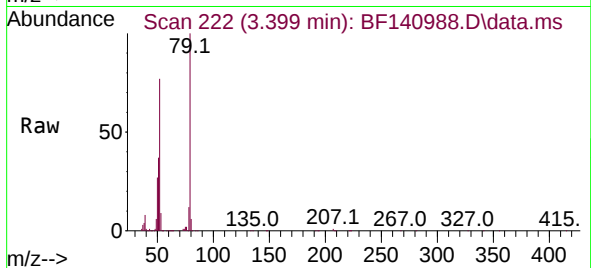
Tgt Ion: 88 Resp: 315629
Ion Ratio Lower Upper
88 100
58 79.9 63.0 94.4
43 30.3 23.4 35.2





#3
Pyridine
Concen: 44.999 ng
RT: 3.399 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

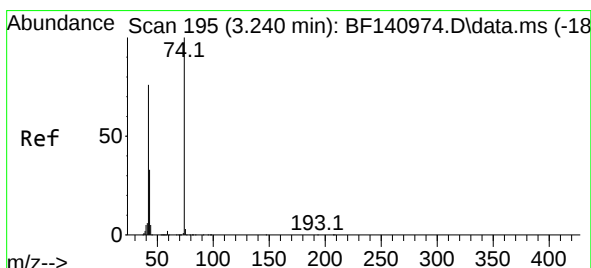
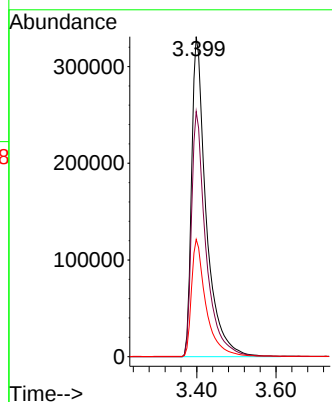
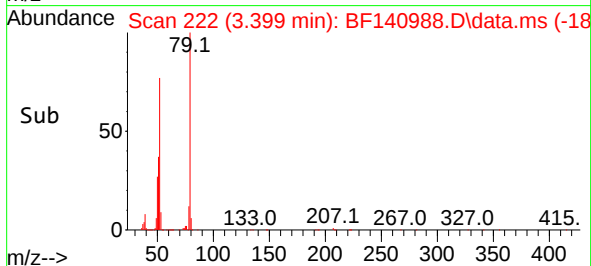
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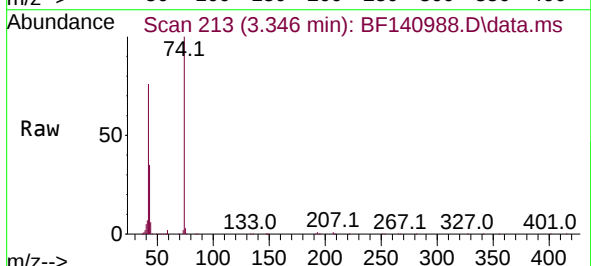
Tgt Ion: 79 Resp: 84564
Ion Ratio Lower Upper
79 100
52 76.6 60.4 90.6
51 36.6 28.8 43.2

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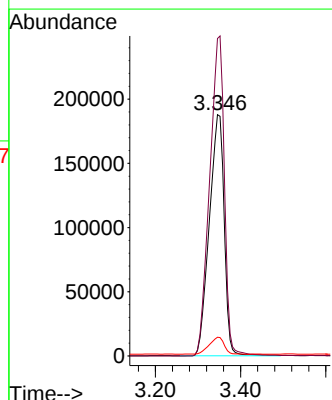
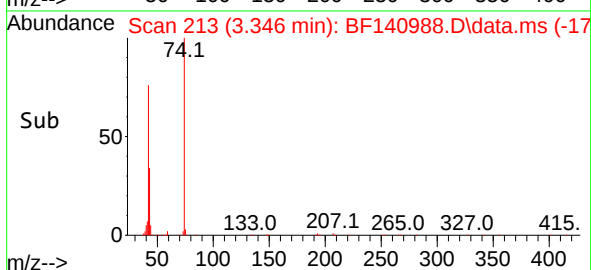
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

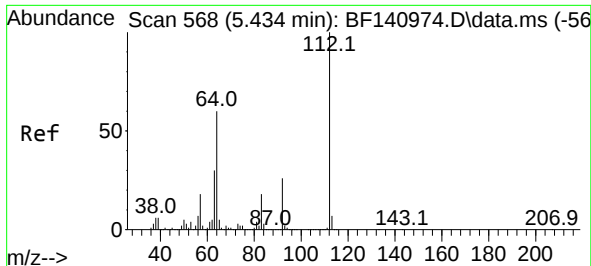


#4
n-Nitrosodimethylamine
Concen: 47.828 ng
RT: 3.346 min Scan# 213
Delta R.T. 0.106 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22



Tgt Ion: 42 Resp: 455405
Ion Ratio Lower Upper
42 100
74 131.5 105.8 158.6
44 7.8 6.6 10.0





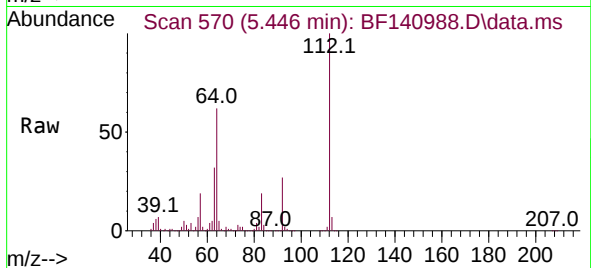
#5
2-Fluorophenol
Concen: 131.384 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



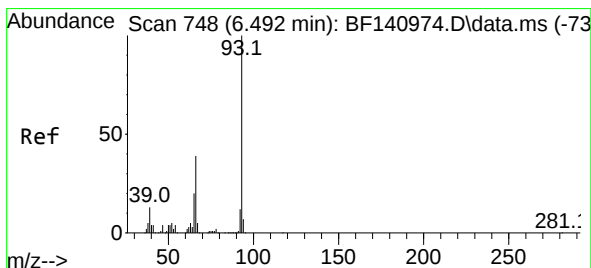
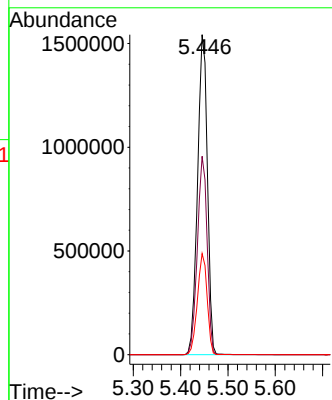
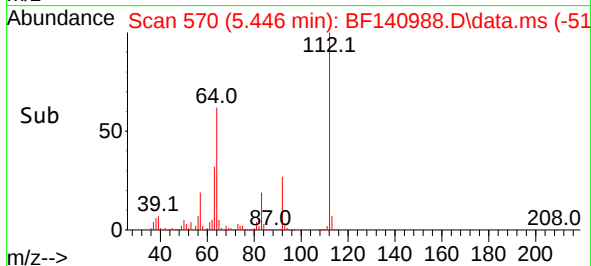
Tgt Ion:112 Resp: 223157
Ion Ratio Lower Upper
112 100
64 62.0 47.7 71.5
63 31.6 24.2 36.2

Manual Integrations

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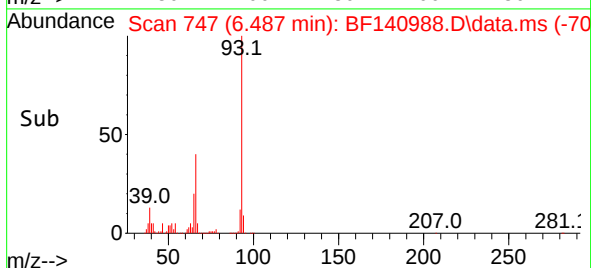
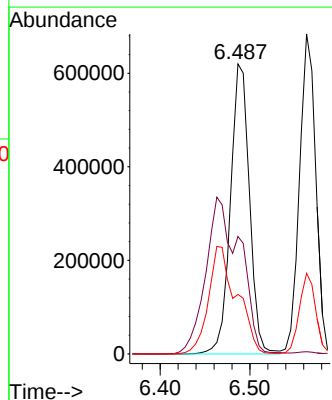
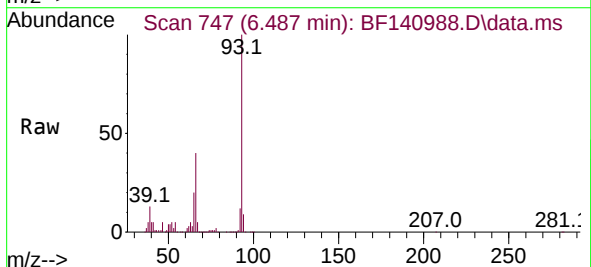
Reviewed By :Yogesh Patel 12/30/2024

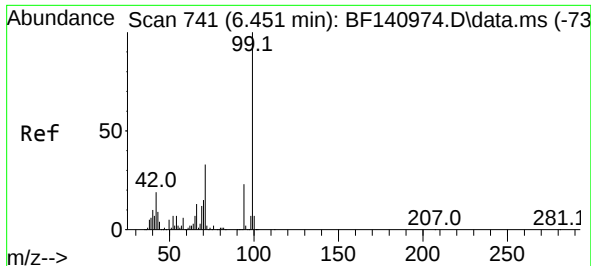
Supervised By :mohammad ahmed 12/30/2024



#6
Aniline
Concen: 46.809 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

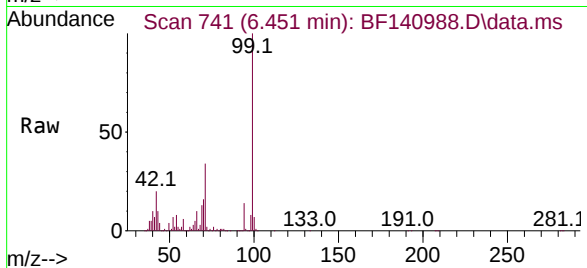
Tgt Ion: 93 Resp: 913446
Ion Ratio Lower Upper
93 100
66 40.5 31.8 47.8
65 20.5 15.4 23.0





#7
Phenol-d6
Concen: 130.440 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

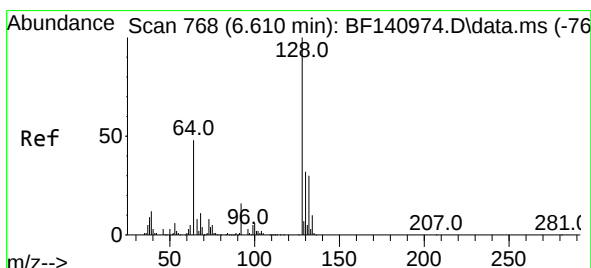
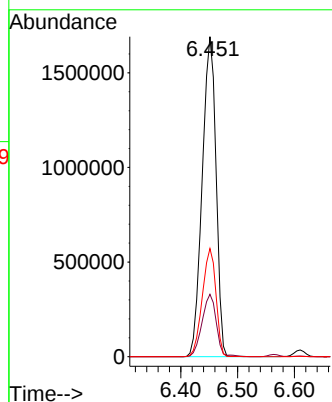
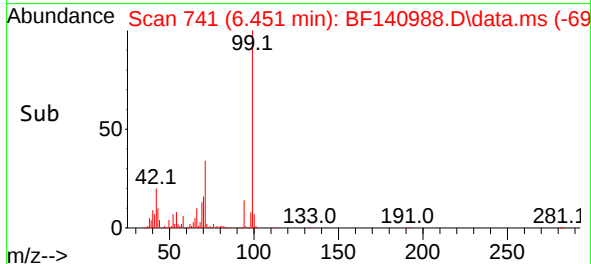
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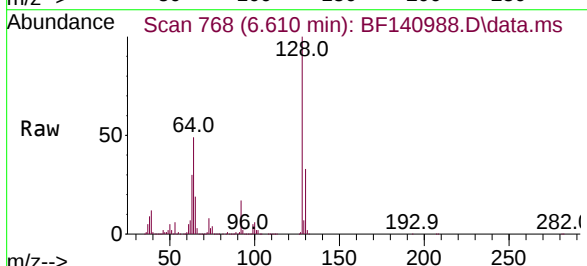
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Ion Ratio Lower Upper
99 100
42 19.5 15.0 22.4
71 33.8 26.2 39.2

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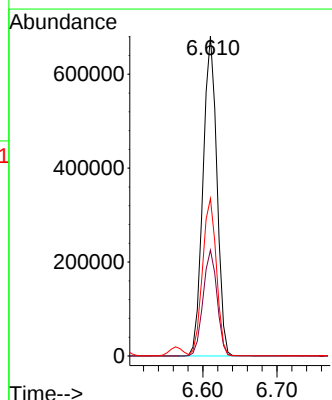
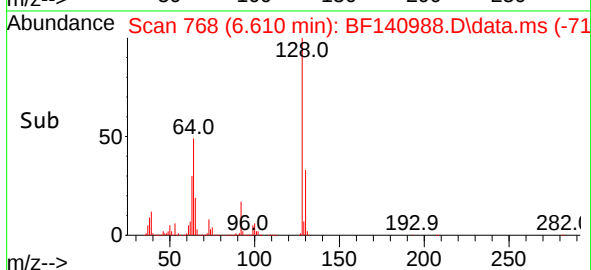
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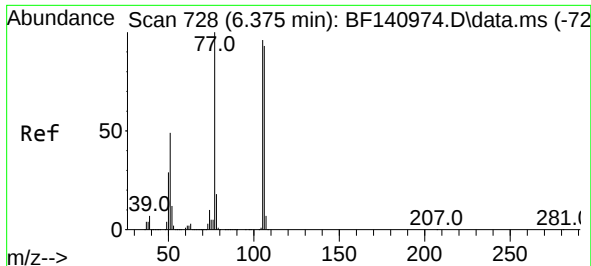


#8
2-Chlorophenol
Concen: 49.568 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22



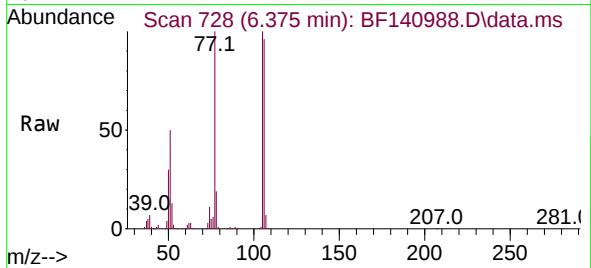
Tgt Ion:128 Resp: 887640
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 49.2 30.3 70.3





#9
Benzaldehyde
Concen: 11.488 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

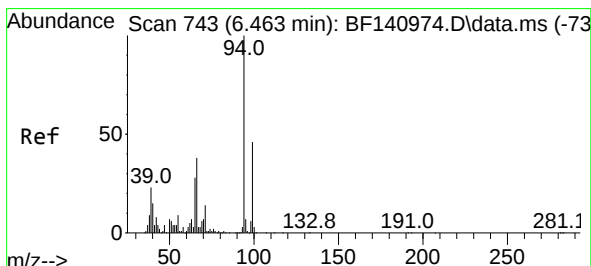
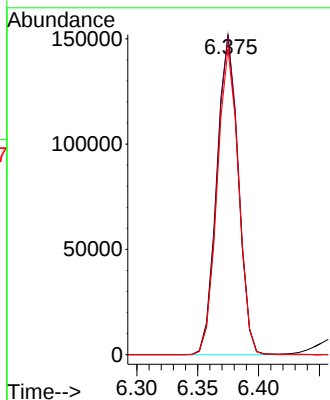
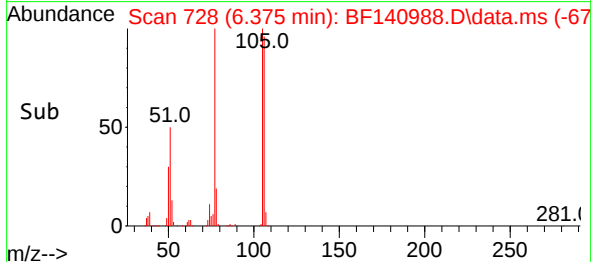
Instrument :
BNA_F
ClientSampleId :
PB165748BS



Tgt Ion: 77 Resp: 18598
Ion Ratio Lower Upper
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105 100.3 76.2 116.2
106 95.8 73.4 113.4

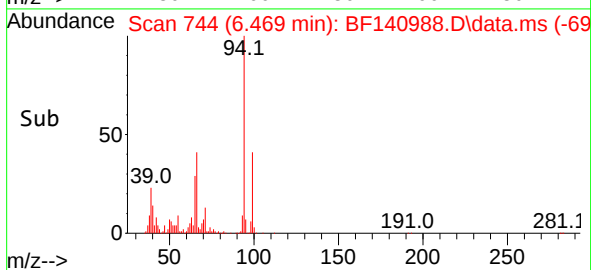
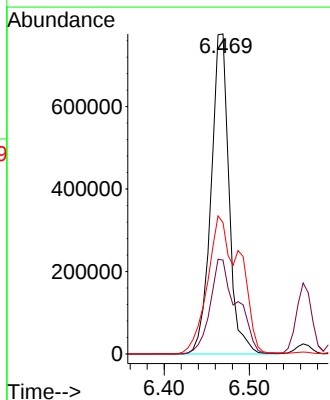
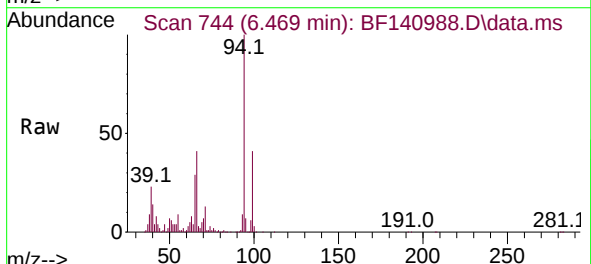
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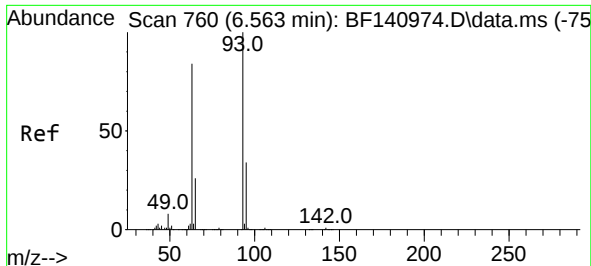
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#10
Phenol
Concen: 50.382 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion: 94 Resp: 1139898
Ion Ratio Lower Upper
94 100
65 29.4 8.1 48.1
66 41.1 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 47.037 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

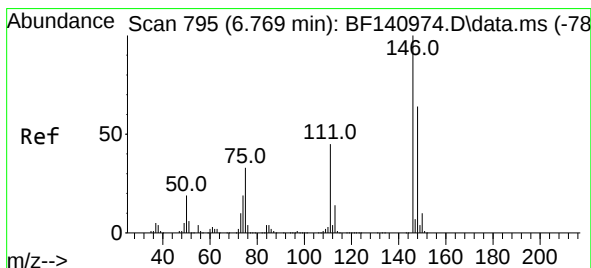
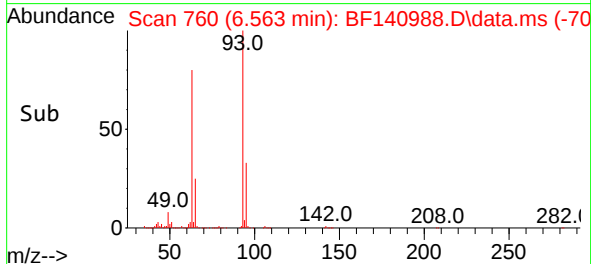
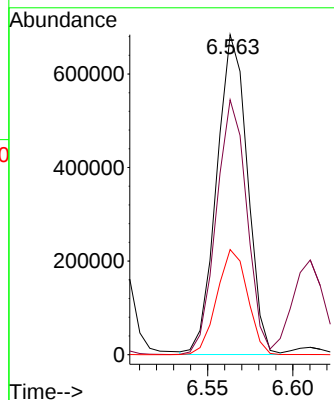
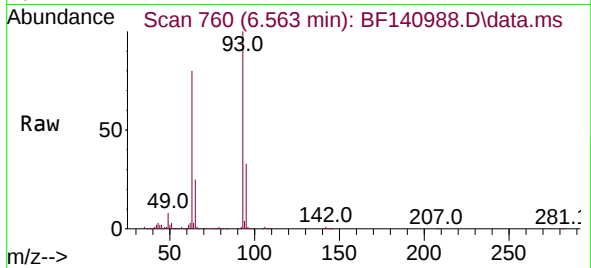
ClientSampleId :

PB165748BS

Tgt Ion: 93 Resp: 85928
Ion Ratio Lower Upper
93 100
63 79.6 60.3 100.3
95 32.9 12.2 52.2

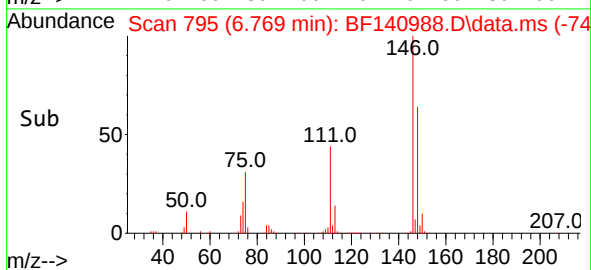
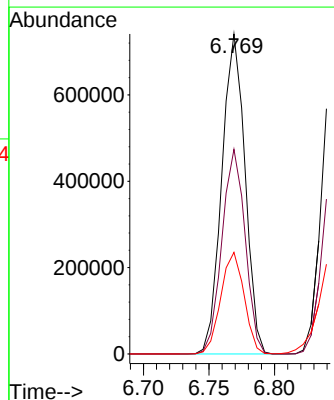
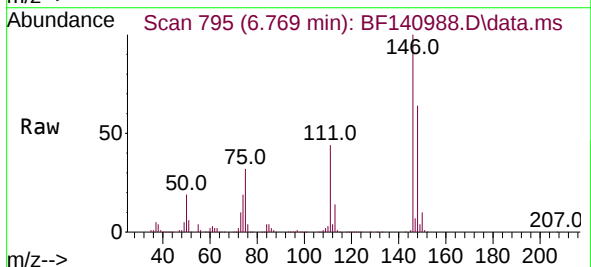
Manual Integrations
APPROVED

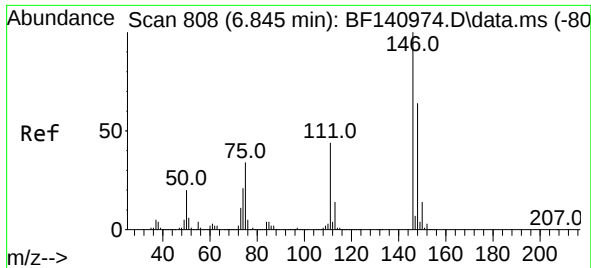
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#12
1,3-Dichlorobenzene
Concen: 46.101 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:146 Resp: 911102
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.8 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 45.937 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

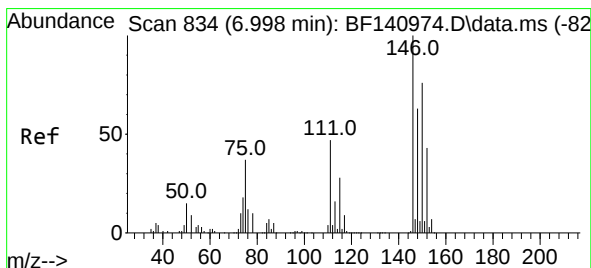
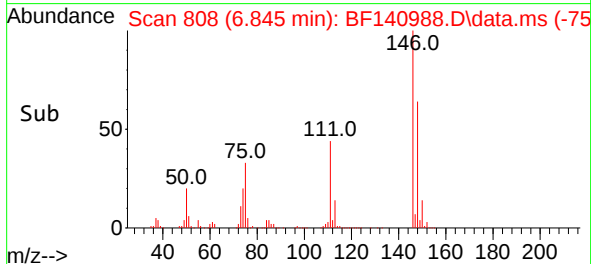
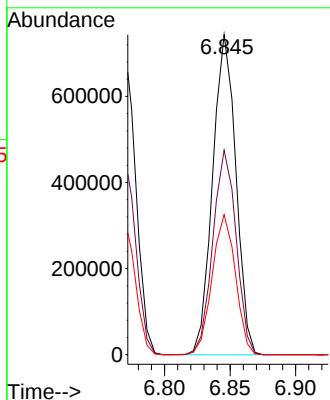
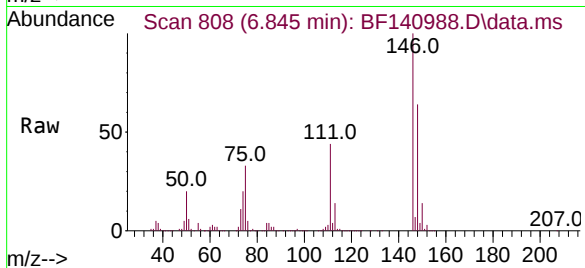
ClientSampleId :

PB165748BS

Tgt Ion:146 Resp: 915190
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
111 43.8 35.3 52.9

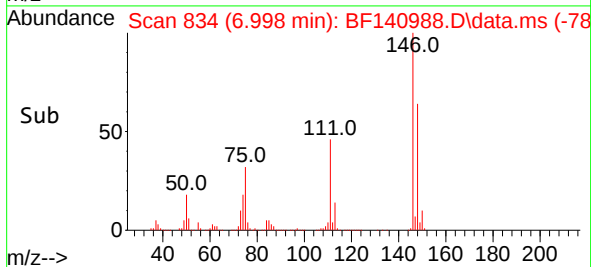
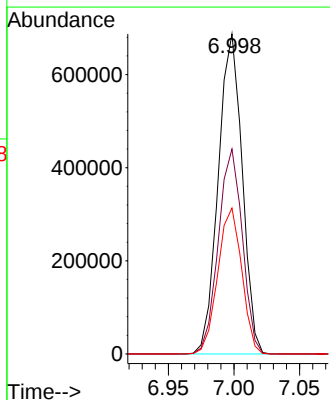
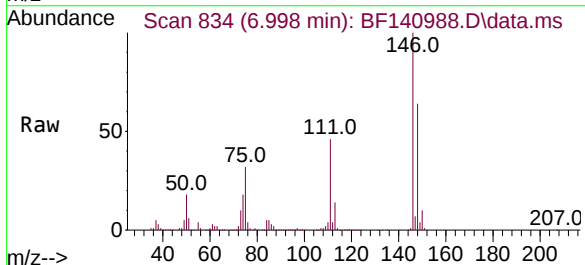
Manual Integrations
APPROVED

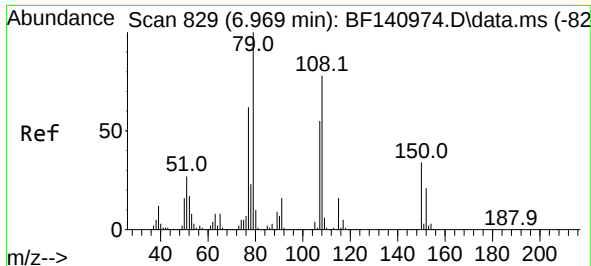
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#14
1,2-Dichlorobenzene
Concen: 46.939 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

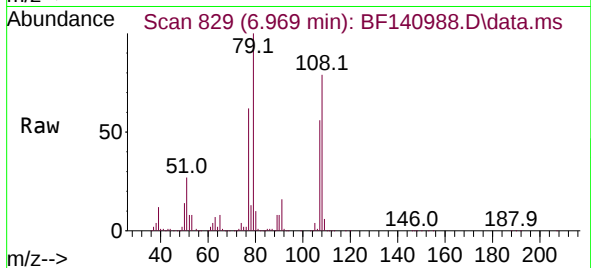
Tgt Ion:146 Resp: 871910
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 45.6 37.3 55.9





#15
Benzyl Alcohol
Concen: 48.966 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

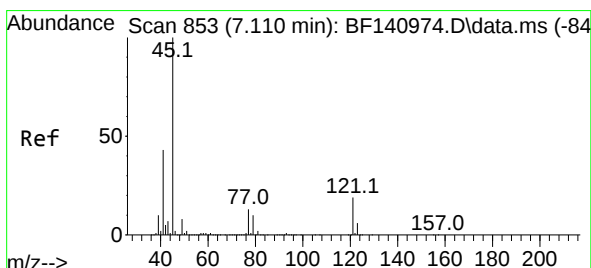
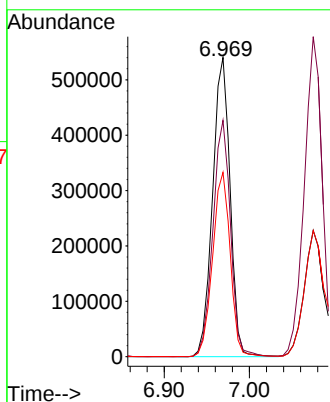
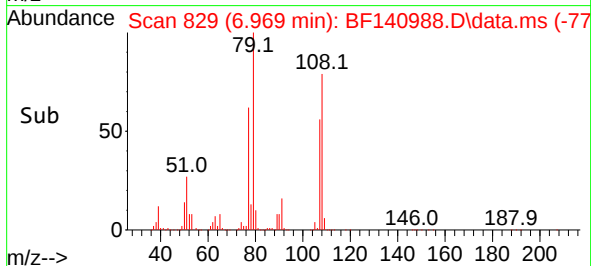
Instrument :
BNA_F
ClientSampleId :
PB165748BS



Tgt Ion: 79 Resp: 76992
Ion Ratio Lower Upper
79 100
108 79.0 62.5 93.7
77 61.6 49.3 73.9

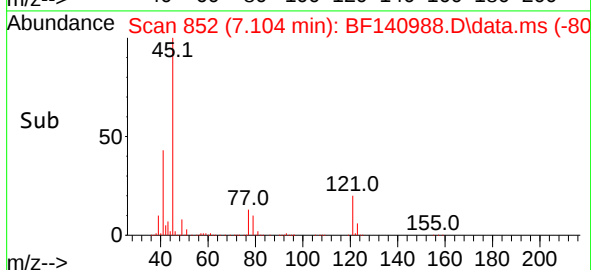
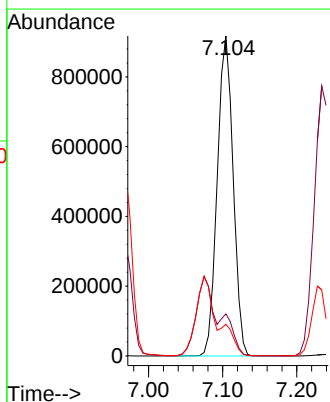
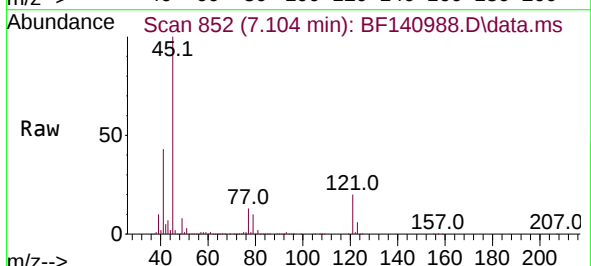
Manual Integrations
APPROVED

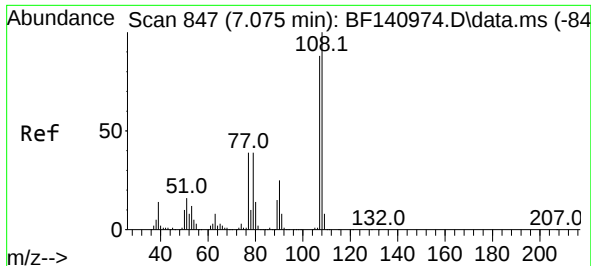
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.383 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

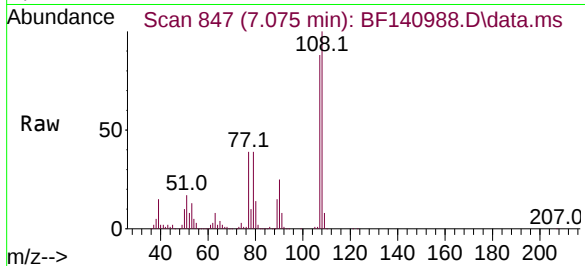
Tgt Ion: 45 Resp: 1364314
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.1
79 9.9 0.0 30.1





#17
2-Methylphenol
Concen: 49.188 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

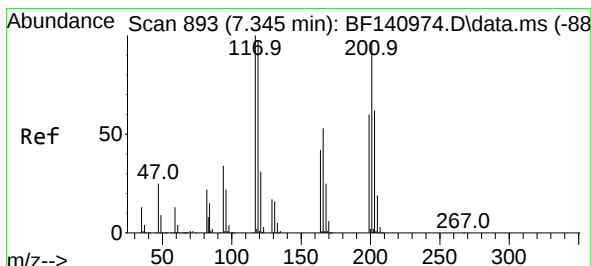
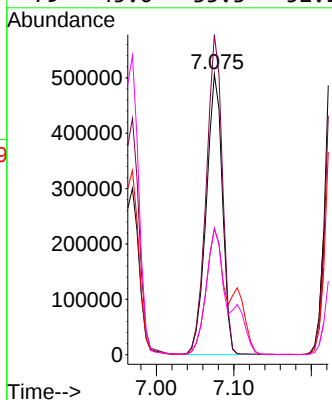
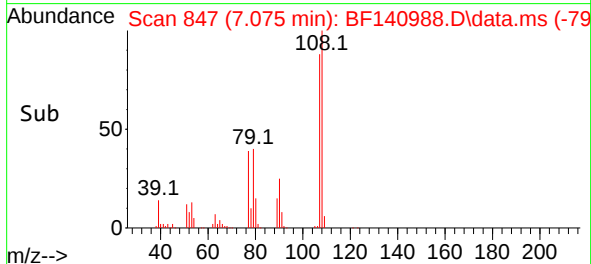
Instrument :
BNA_F
ClientSampleId :
PB165748BS



Tgt Ion:107 Resp: 73178
Ion Ratio Lower Upper
107 100
108 114.0 90.6 136.0
77 44.9 35.3 52.9
79 45.0 35.3 52.9

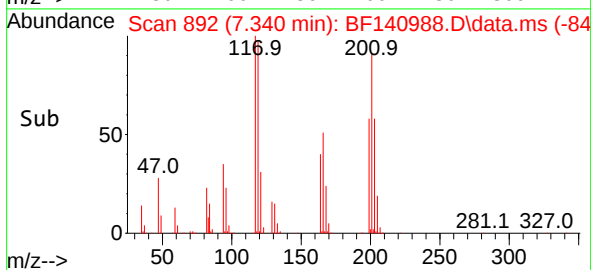
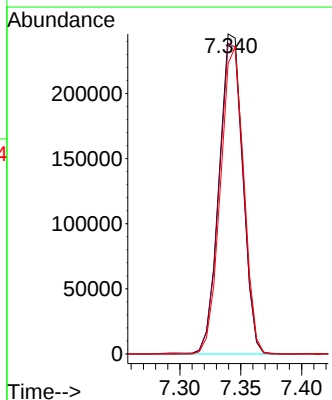
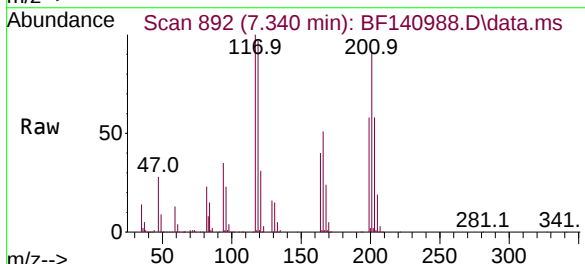
Manual Integrations
APPROVED

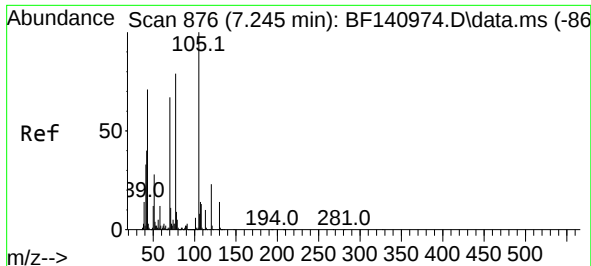
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#18
Hexachloroethane
Concen: 47.106 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:117 Resp: 333385
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3
201 90.8 77.4 116.2





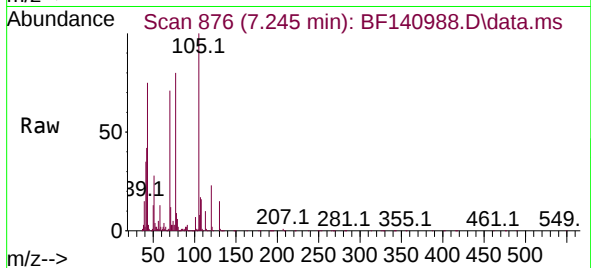
#19
n-Nitroso-di-n-propylamine
Concen: 47.295 ng
RT: 7.245 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



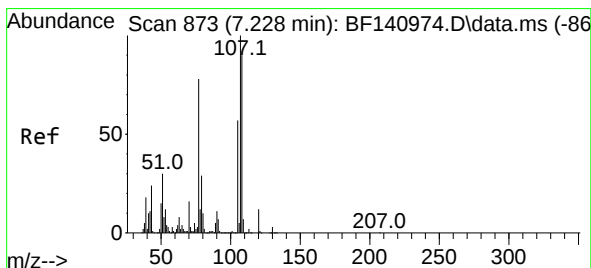
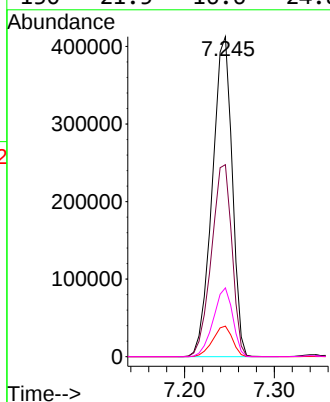
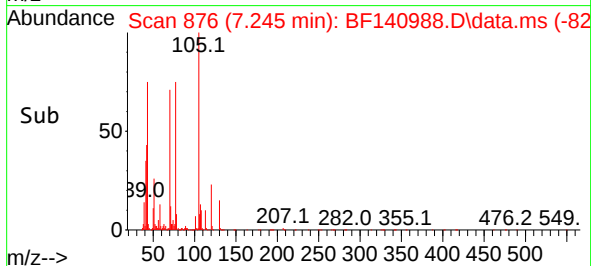
Tgt Ion: 70 Resp: 63398
Ion Ratio Lower Upper
70 100
42 60.0 48.1 72.1
101 9.6 7.6 11.4
130 21.5 16.6 24.8

Manual Integrations

APPROVED

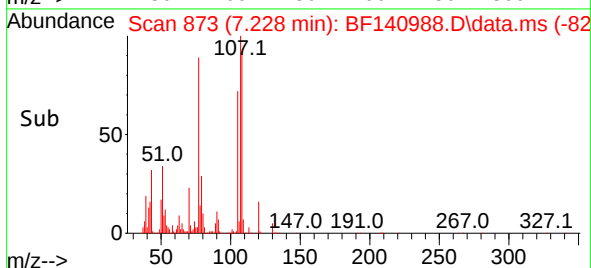
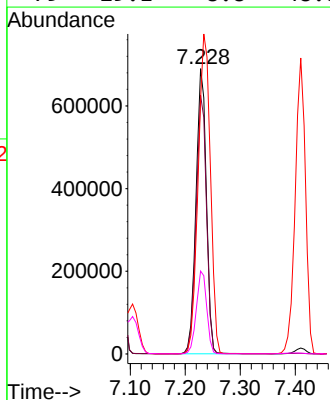
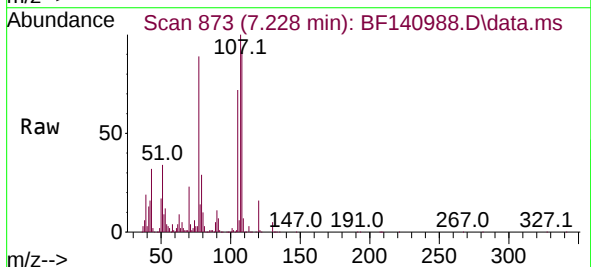
Reviewed By :Yogesh Patel 12/30/2024

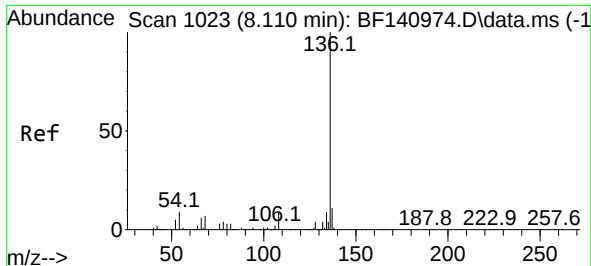
Supervised By :mohammad ahmed 12/30/2024



#20
3+4-Methylphenols
Concen: 48.065 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:107 Resp: 904911
Ion Ratio Lower Upper
107 100
108 90.7 69.6 109.6
77 89.4 57.6 97.6
79 29.1 8.8 48.8





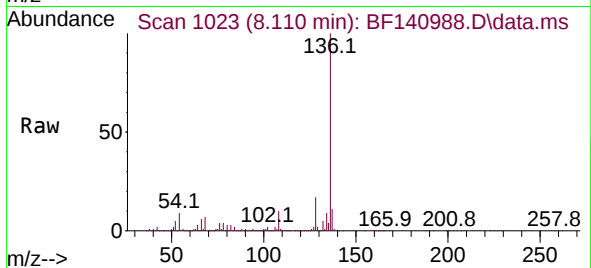
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



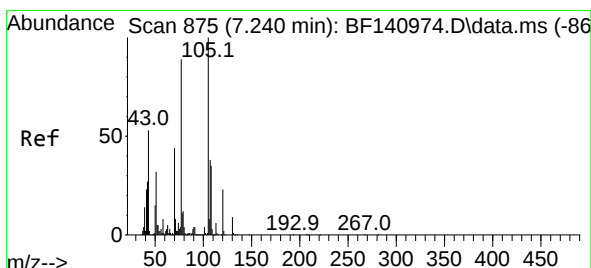
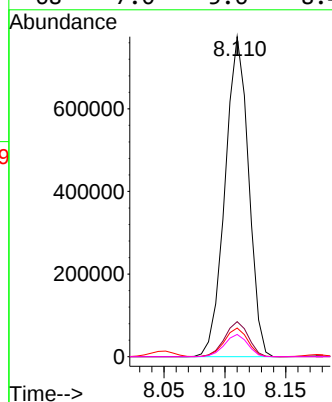
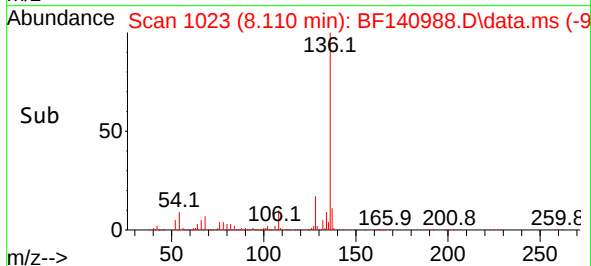
Tgt Ion:136 Resp: 104033
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.0 7.6 11.4
68 7.0 5.6 8.4

Manual Integrations

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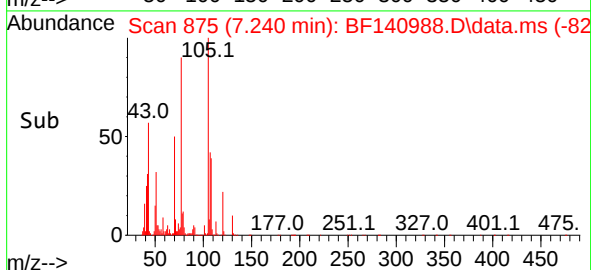
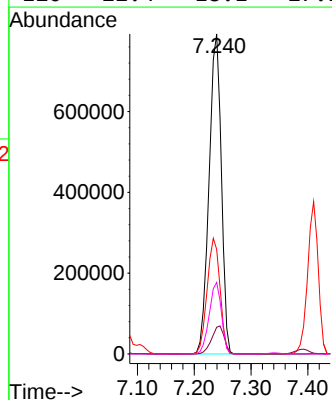
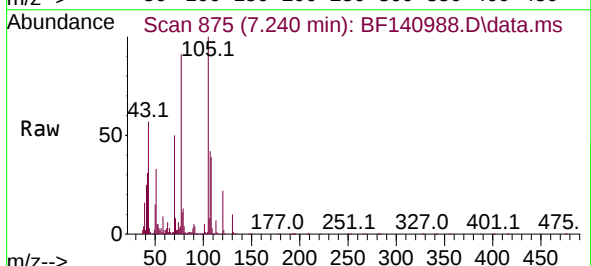
Reviewed By :Yogesh Patel 12/30/2024

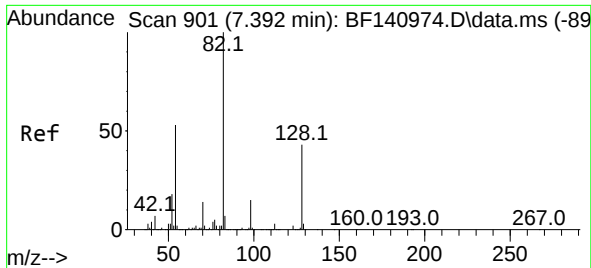
Supervised By :mohammad ahmed 12/30/2024



#22
Acetophenone
Concen: 46.225 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:105 Resp: 1179702
Ion Ratio Lower Upper
105 100
71 8.4 6.1 9.1
51 32.7 25.8 38.6
120 22.4 18.1 27.1





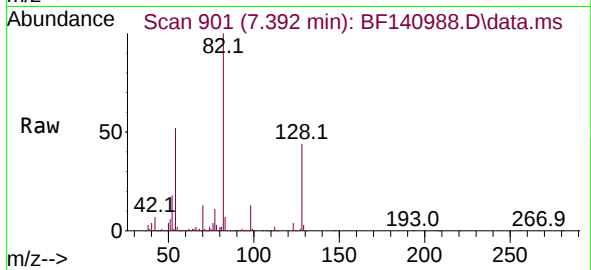
#23
Nitrobenzene-d5
Concen: 107.171 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



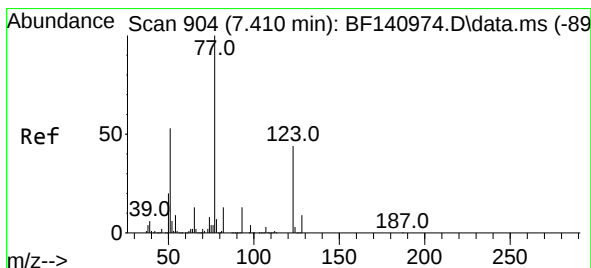
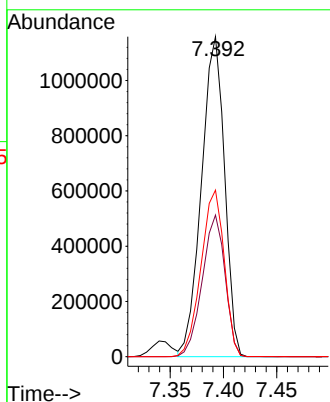
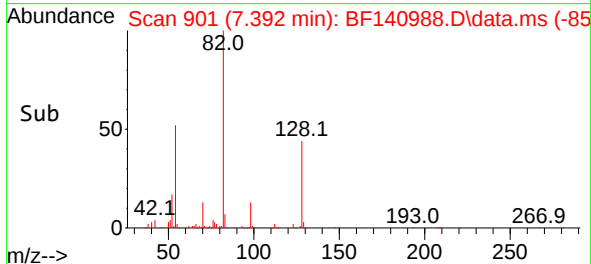
Tgt Ion: 82 Resp: 174267
Ion Ratio Lower Upper
82 100
128 44.2 34.4 51.6
54 52.0 42.4 63.6

Manual Integrations

APPROVED

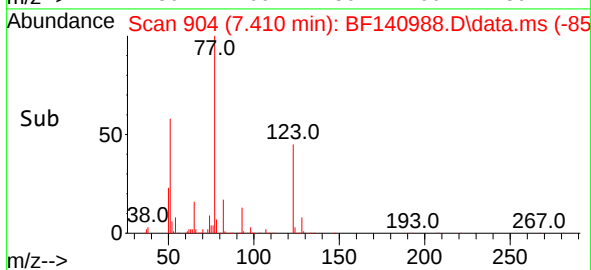
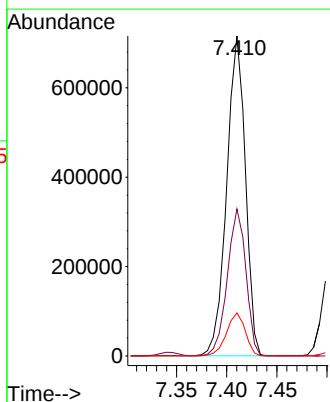
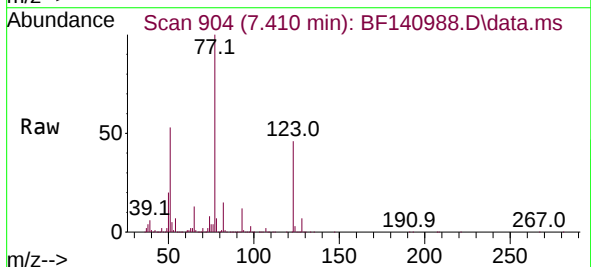
Reviewed By :Yogesh Patel 12/30/2024

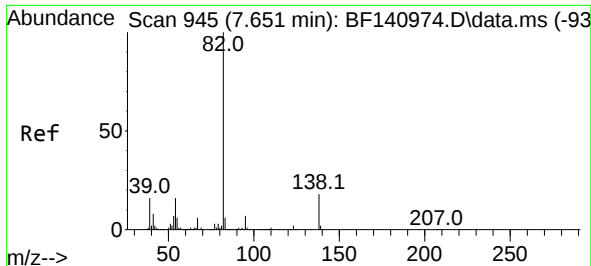
Supervised By :mohammad ahmed 12/30/2024



#24
Nitrobenzene
Concen: 50.958 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

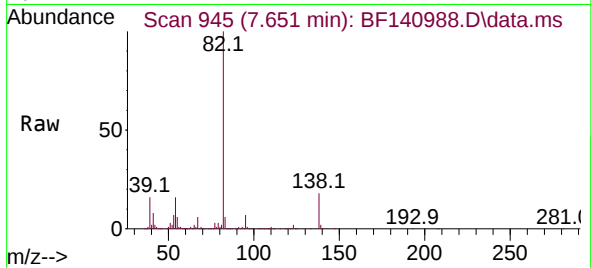
Tgt Ion: 77 Resp: 925898
Ion Ratio Lower Upper
77 100
123 46.0 35.4 53.2
65 13.5 10.7 16.1





#25
Isophorone
Concen: 48.126 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

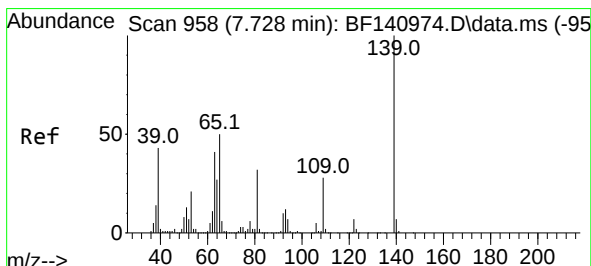
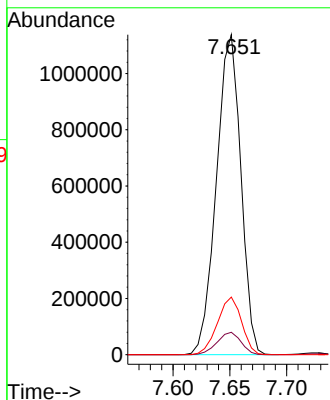
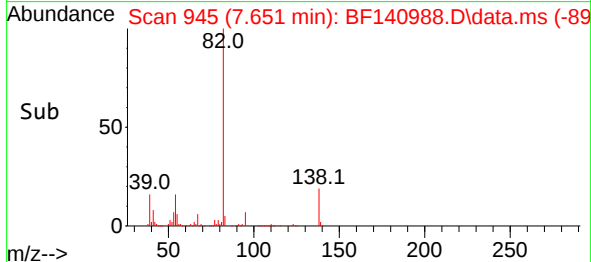
Instrument :
BNA_F
ClientSampleId :
PB165748BS



Tgt Ion: 82 Resp: 170289
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 18.0 14.6 21.8

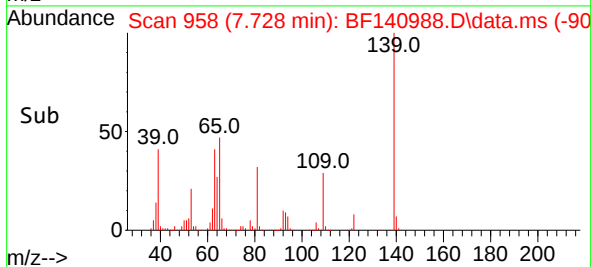
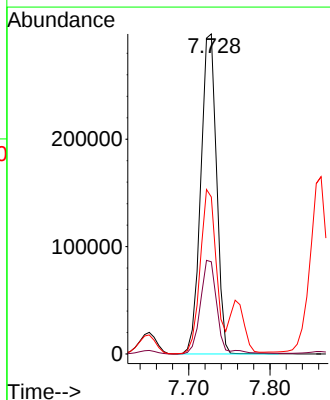
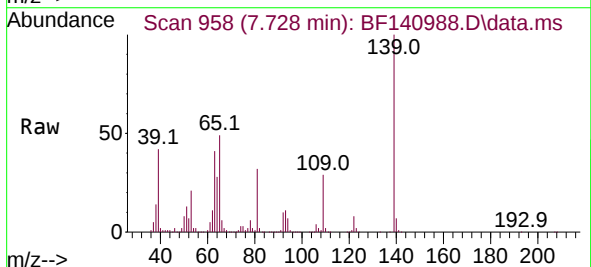
Manual Integrations
APPROVED

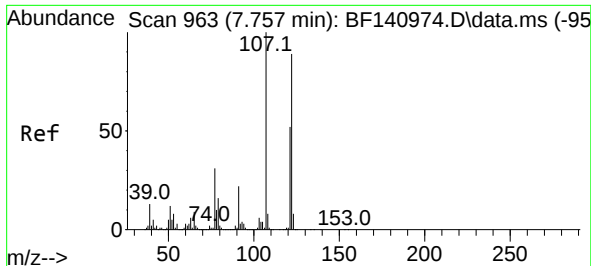
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#26
2-Nitrophenol
Concen: 53.238 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:139 Resp: 401259
Ion Ratio Lower Upper
139 100
109 28.8 22.2 33.4
65 49.0 40.2 60.4





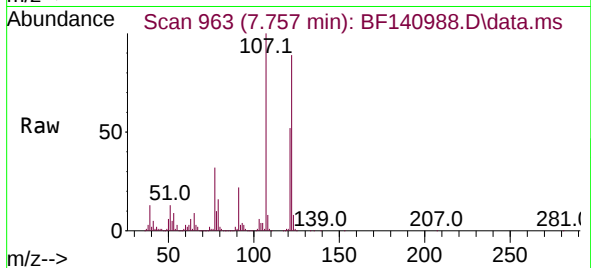
#27
2,4-Dimethylphenol
Concen: 57.241 ng
RT: 7.757 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



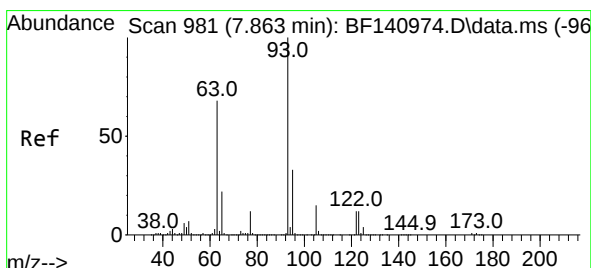
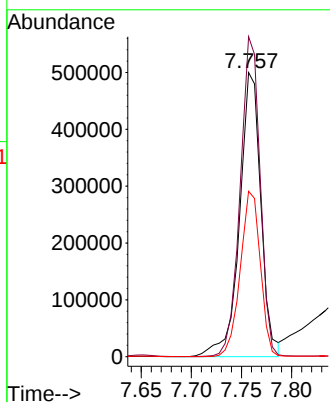
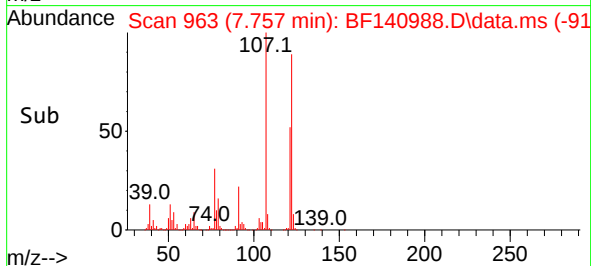
Tgt Ion:122 Resp: 740225
Ion Ratio Lower Upper
122 100
107 112.6 89.4 134.2
121 58.2 46.7 70.1

Manual Integrations

APPROVED

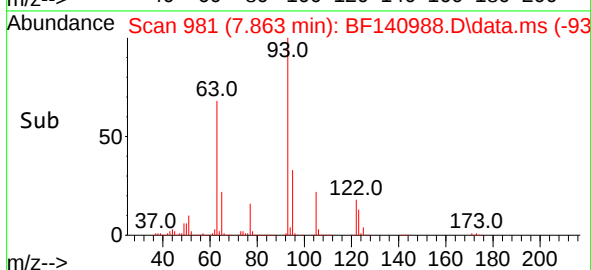
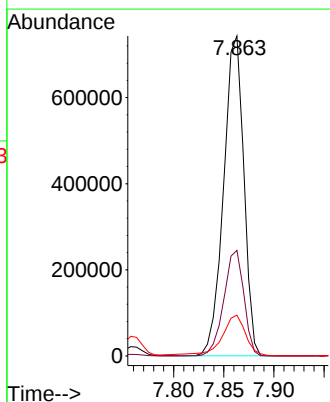
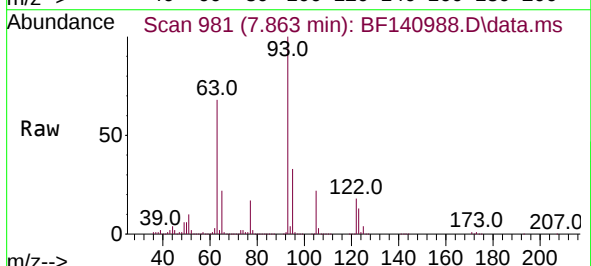
Reviewed By :Yogesh Patel 12/30/2024

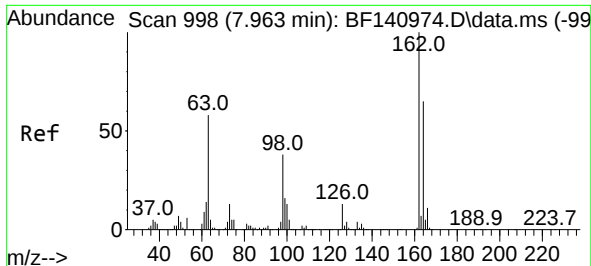
Supervised By :mohammad ahmed 12/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.346 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion: 93 Resp: 1039025
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 12.7 9.9 14.9





#29
2,4-Dichlorophenol
Concen: 49.209 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

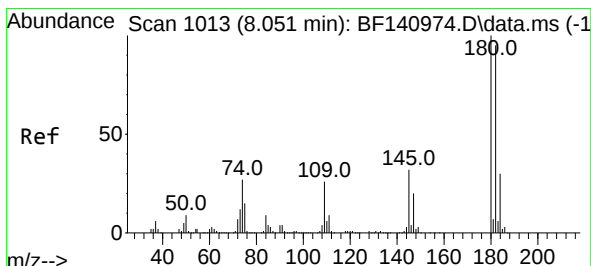
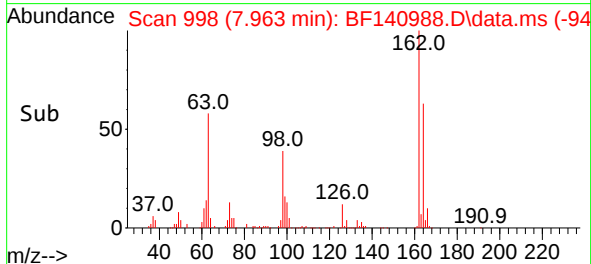
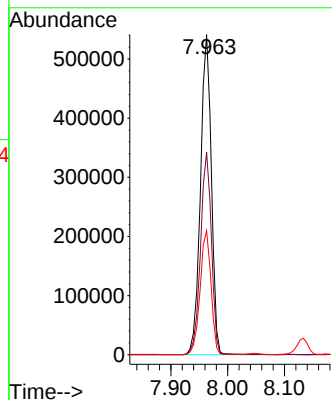
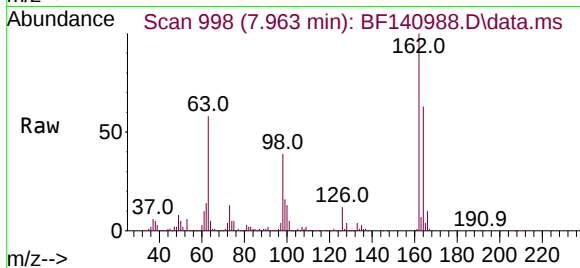
PB165748BS

Tgt Ion:162 Resp: 721730
Ion Ratio Lower Upper
162 100
164 63.3 44.8 84.8
98 38.7 18.6 58.6

Manual Integrations

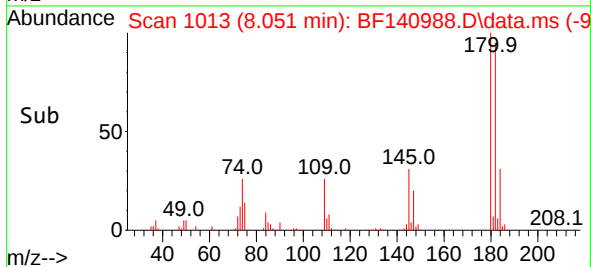
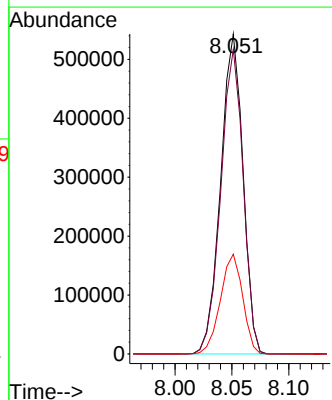
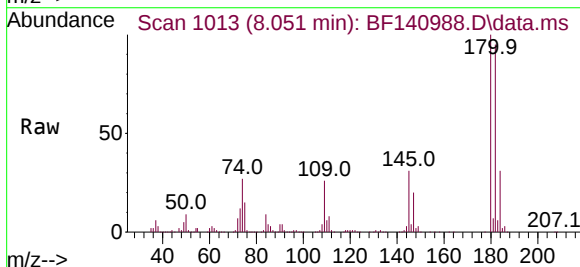
APPROVED

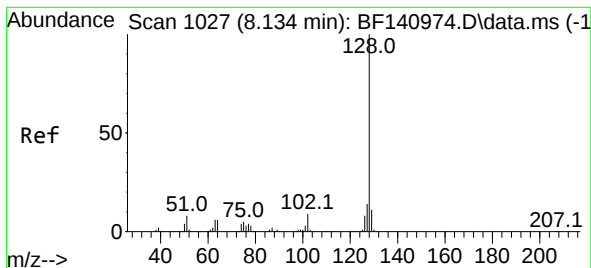
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.718 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:180 Resp: 742329
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.4
145 31.2 25.4 38.2





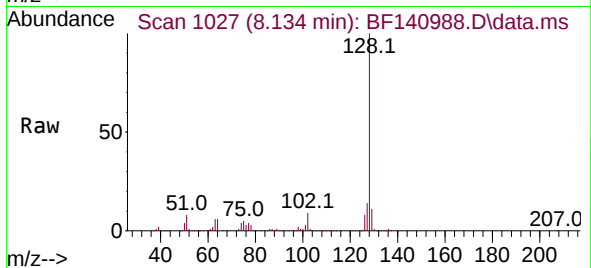
#31
Naphthalene
Concen: 45.475 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



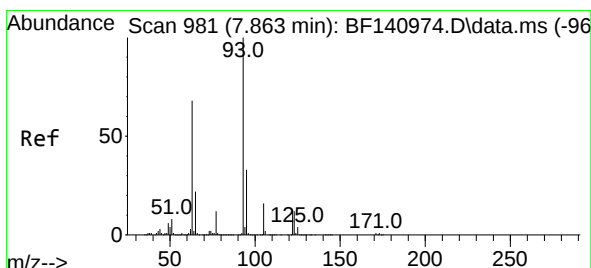
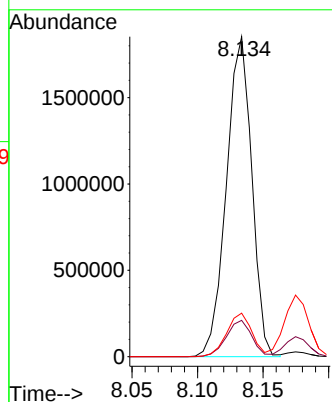
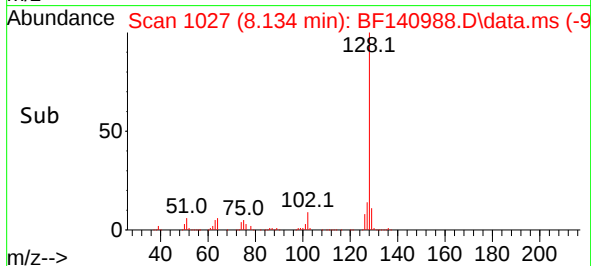
Tgt Ion:128 Resp: 249288
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 11.0 16.4

Manual Integrations

APPROVED

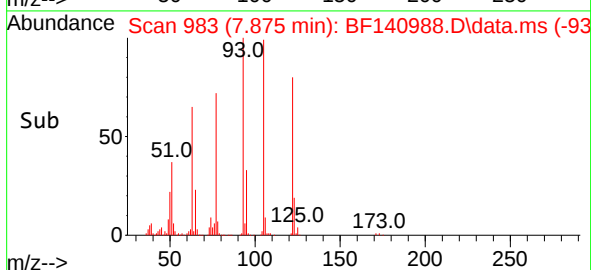
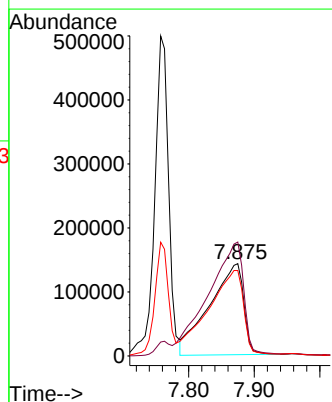
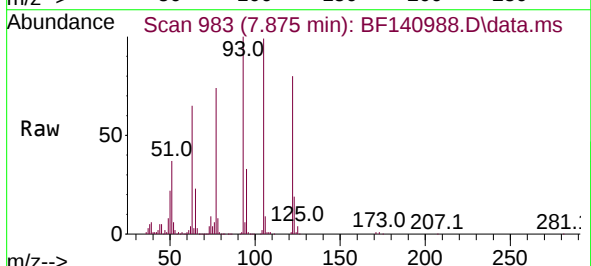
Reviewed By :Yogesh Patel 12/30/2024

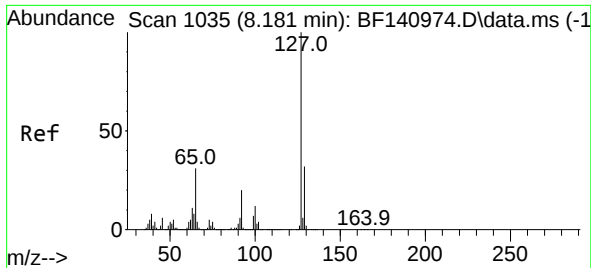
Supervised By :mohammad ahmed 12/30/2024



#32
Benzoic acid
Concen: 48.418 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:122 Resp: 516127
Ion Ratio Lower Upper
122 100
105 123.4 105.4 145.4
77 92.5 76.4 116.4





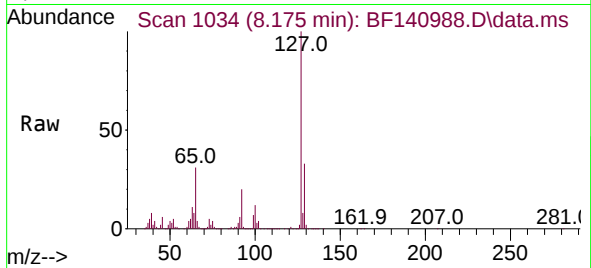
#33
4-Chloroaniline
Concen: 23.642 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



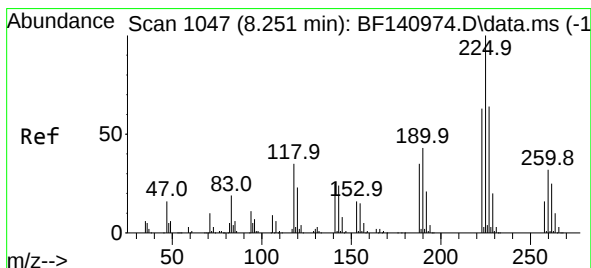
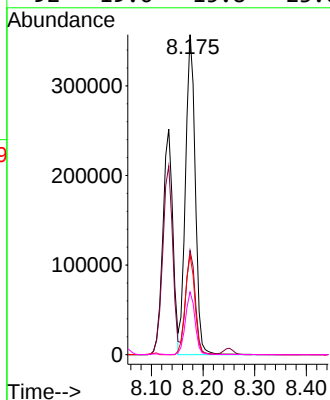
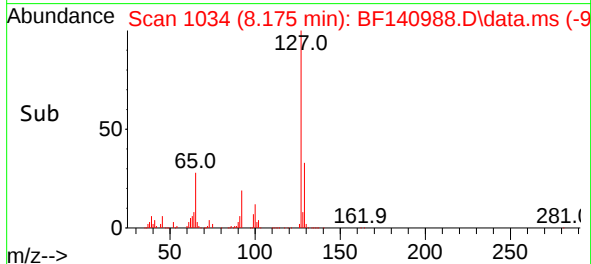
Tgt Ion:127 Resp: 46886
Ion Ratio Lower Upper
127 100
129 32.6 26.1 39.1
65 31.1 24.6 37.0
92 19.6 15.8 23.6

Manual Integrations

APPROVED

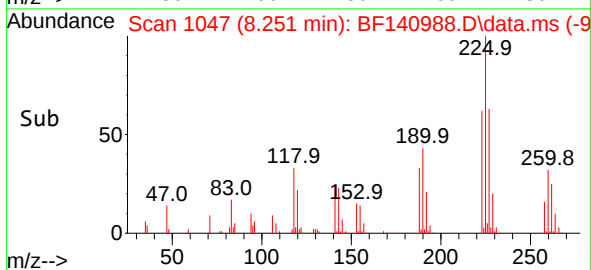
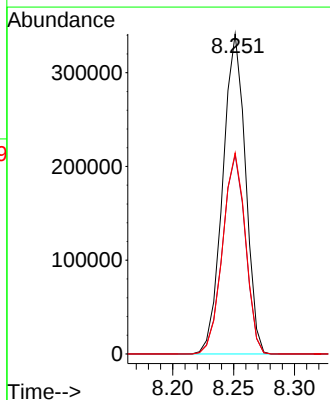
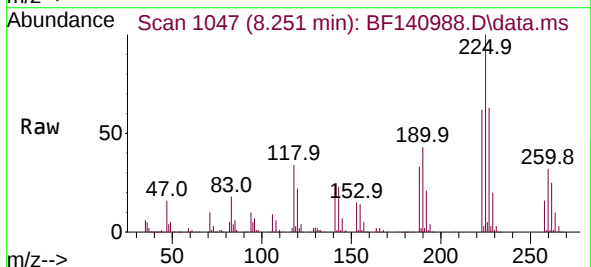
Reviewed By :Yogesh Patel 12/30/2024

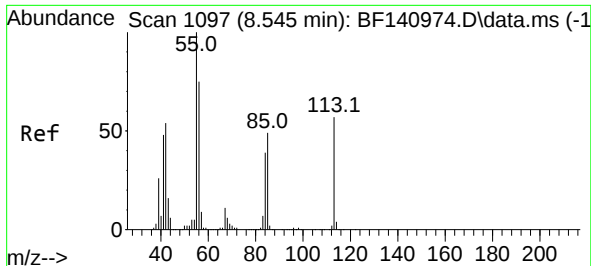
Supervised By :mohammad ahmed 12/30/2024



#34
Hexachlorobutadiene
Concen: 45.174 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

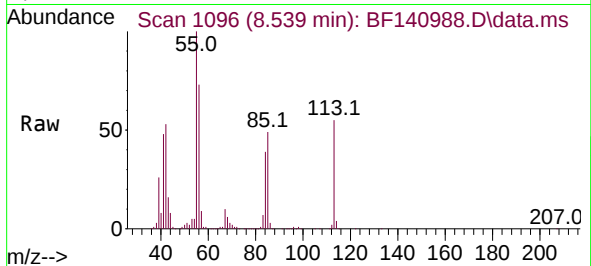
Tgt Ion:225 Resp: 442090
Ion Ratio Lower Upper
225 100
223 62.2 50.3 75.5
227 62.9 50.8 76.2





#35
 Caprolactam
 Concen: 48.929 ng m
 RT: 8.539 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF140988.D
 Acq: 27 Dec 2024 11:22

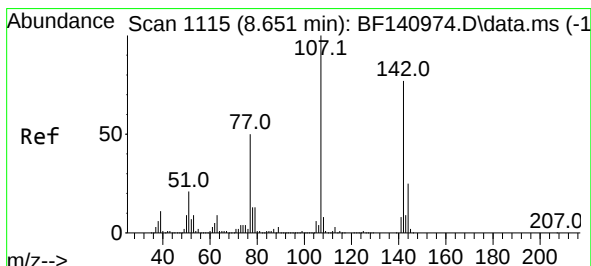
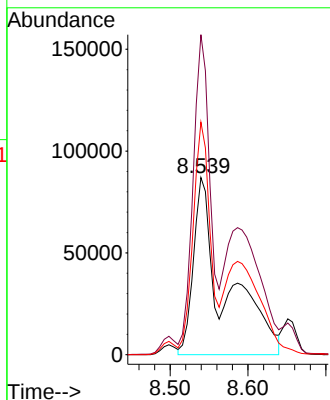
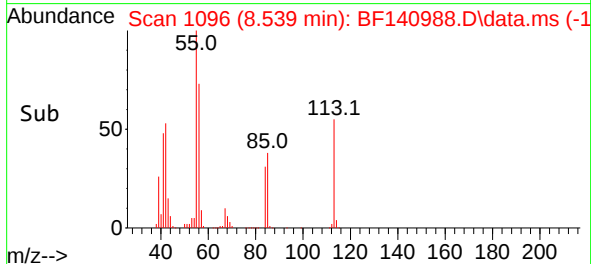
Instrument :
 BNA_F
 ClientSampleId :
 PB165748BS



Tgt Ion:113 Resp: 243962
 Ion Ratio Lower Upper
 113 100
 55 180.7 156.6 196.6
 56 131.3 111.7 151.7

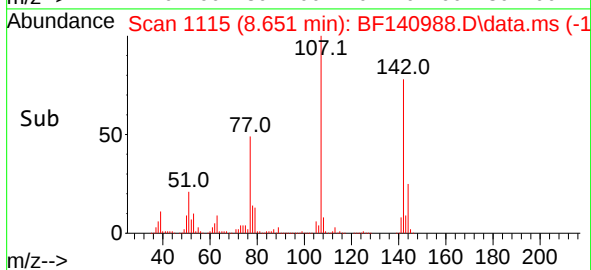
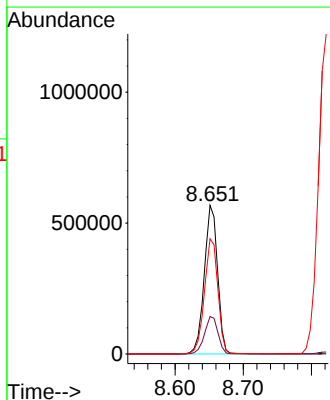
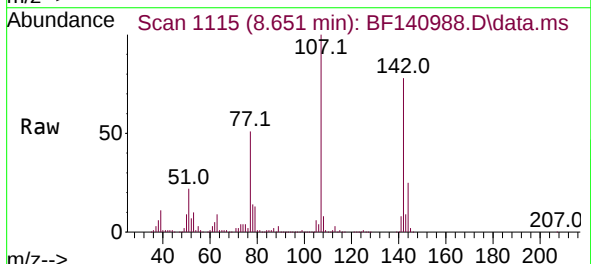
Manual Integrations
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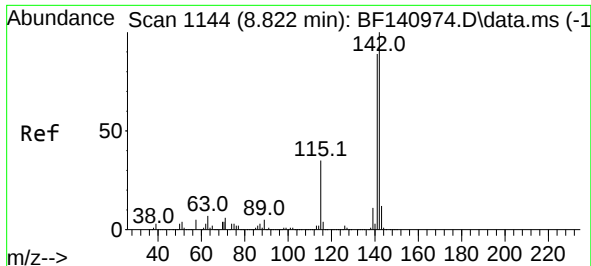
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024



#36
 4-Chloro-3-methylphenol
 Concen: 47.456 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. 0.000 min
 Lab File: BF140988.D
 Acq: 27 Dec 2024 11:22

Tgt Ion:107 Resp: 772966
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.9 29.9
 142 77.5 61.8 92.8





#37
2-Methylnaphthalene
Concen: 46.905 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

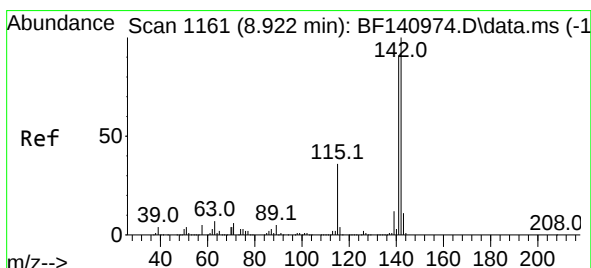
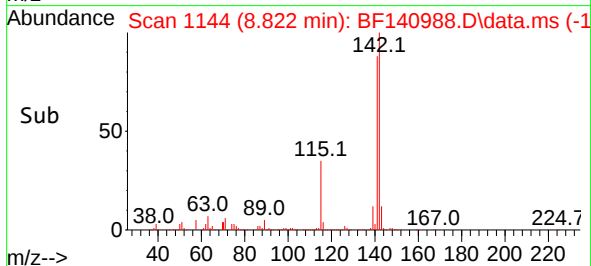
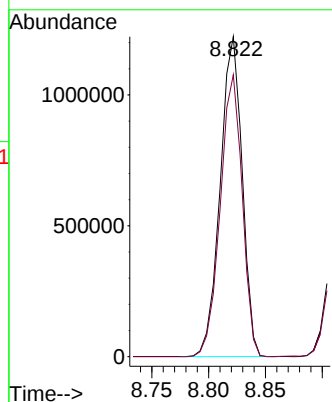
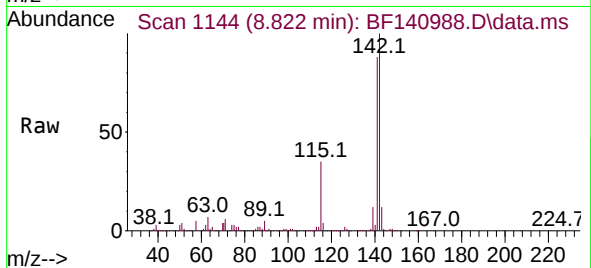
PB165748BS

Tgt Ion:142 Resp: 164493
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7

Manual Integrations

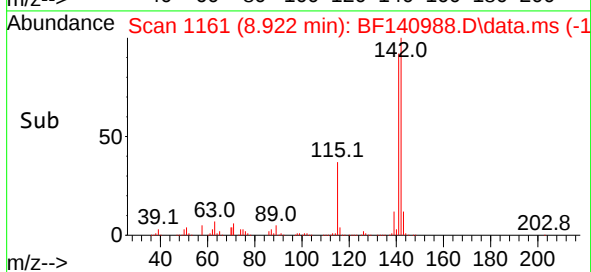
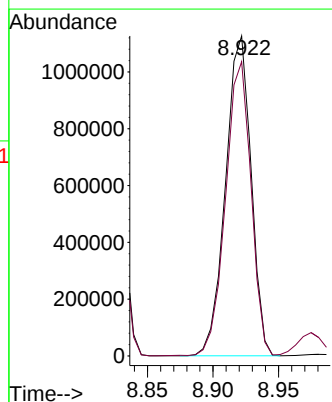
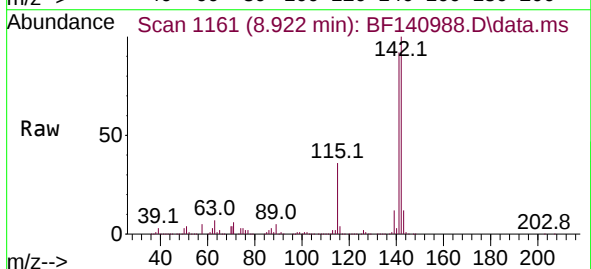
APPROVED

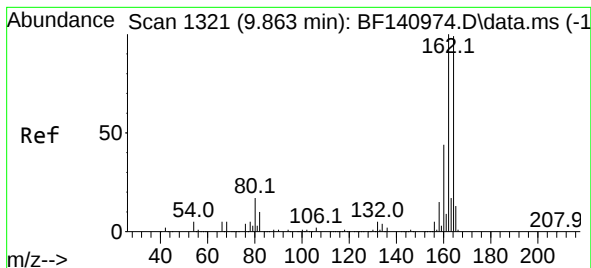
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#38
1-Methylnaphthalene
Concen: 44.260 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:142 Resp: 1525465
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140988.D

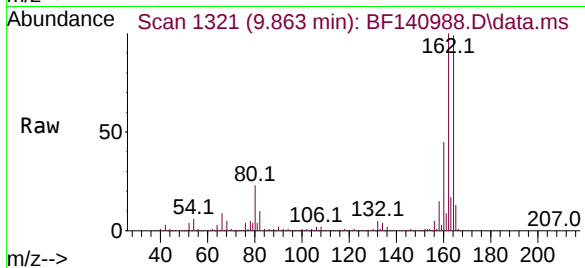
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



Tgt Ion:164 Resp: 552720

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

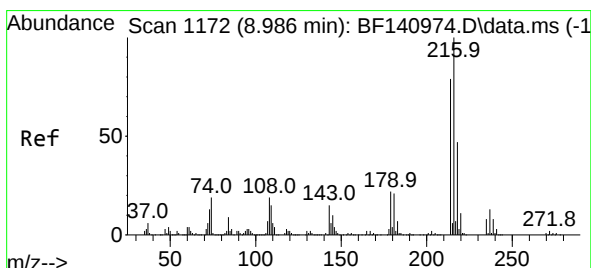
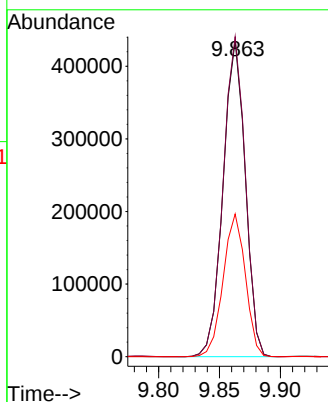
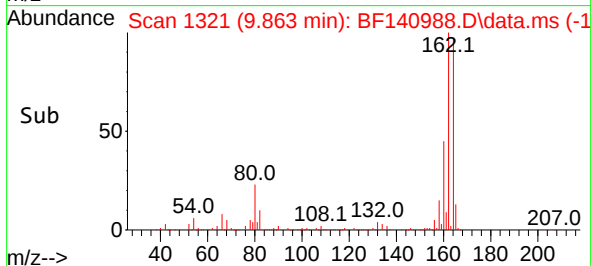
160 45.2 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.158 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

Tgt Ion:216 Resp: 701878

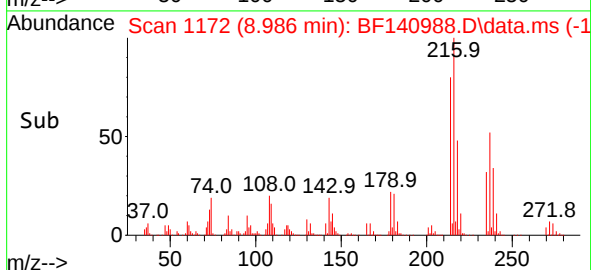
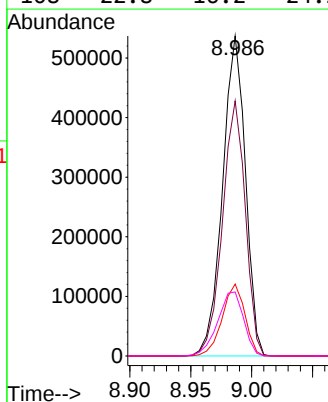
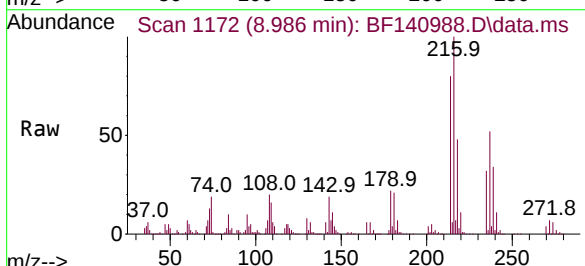
Ion Ratio Lower Upper

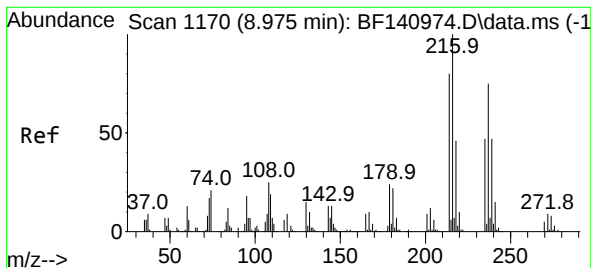
216 100

214 79.5 63.0 94.6

179 22.3 17.9 26.9

108 22.8 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 168.442 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS

Tgt Ion:237 Resp: 848794

Ion Ratio Lower Upper

237 100

235 63.1 43.4 83.4

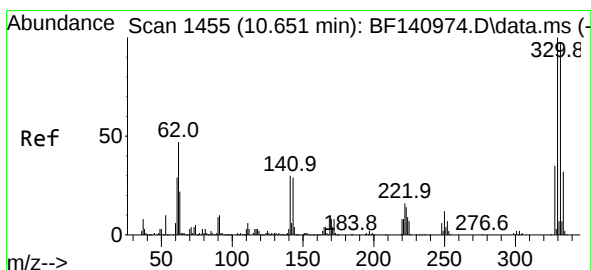
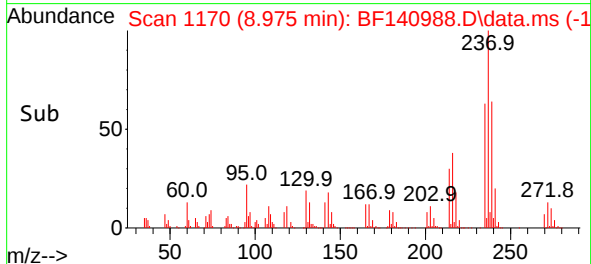
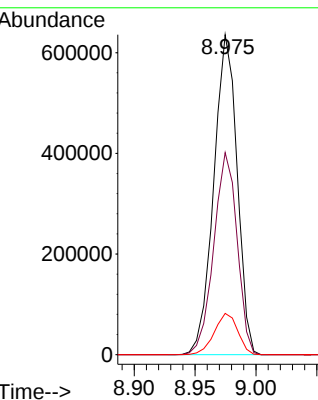
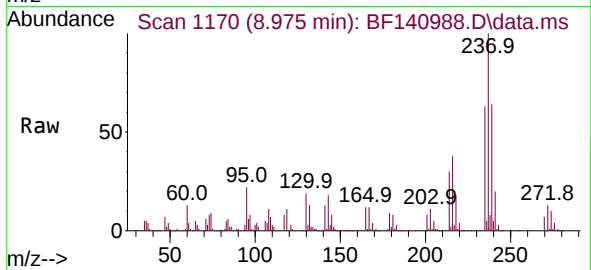
272 12.9 0.0 32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#42

2,4,6-Tribromophenol

Concen: 150.932 ng

RT: 10.651 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

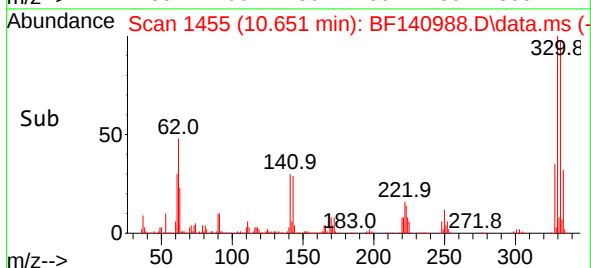
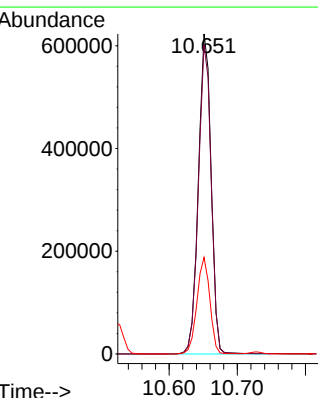
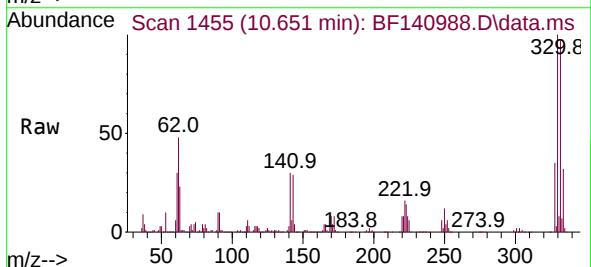
Tgt Ion:330 Resp: 810630

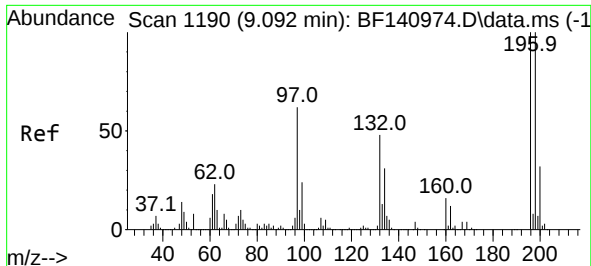
Ion Ratio Lower Upper

330 100

332 96.9 78.0 117.0

141 30.5 26.4 39.6





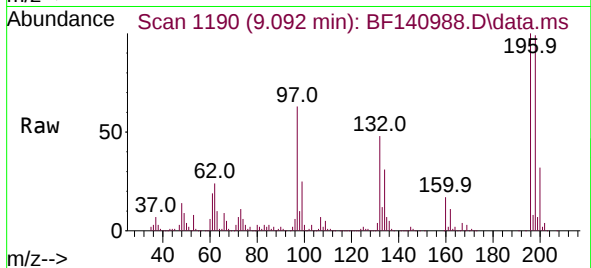
#43
2,4,6-Trichlorophenol
Concen: 52.304 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



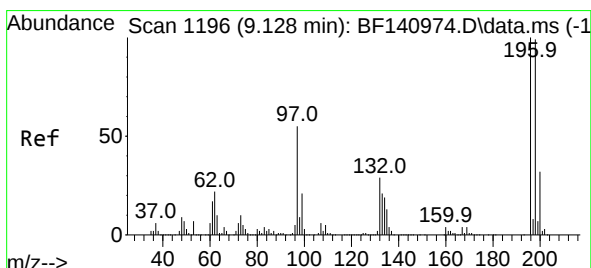
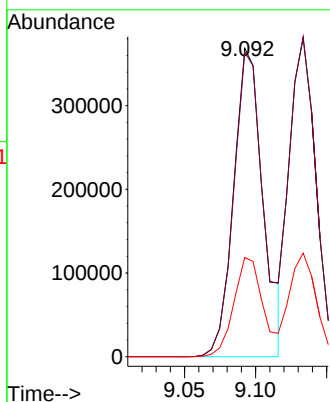
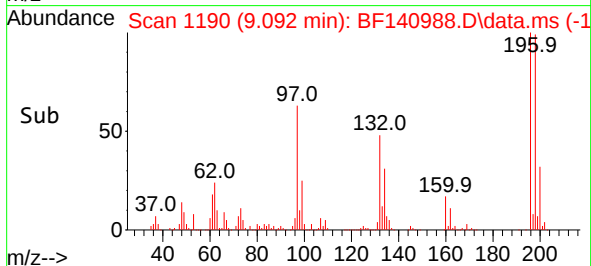
Tgt Ion:196 Resp: 52934
Ion Ratio Lower Upper
196 100
198 98.8 80.2 120.4
200 32.2 25.8 38.6

Manual Integrations

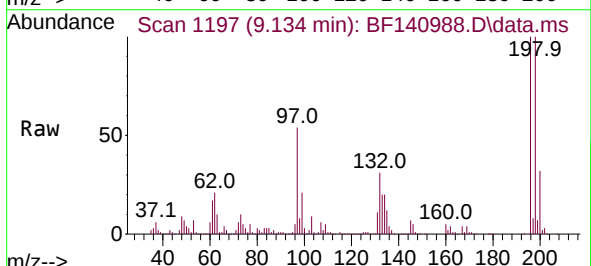
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

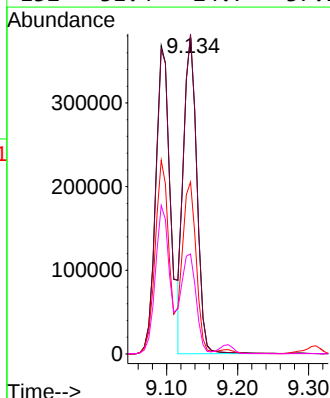
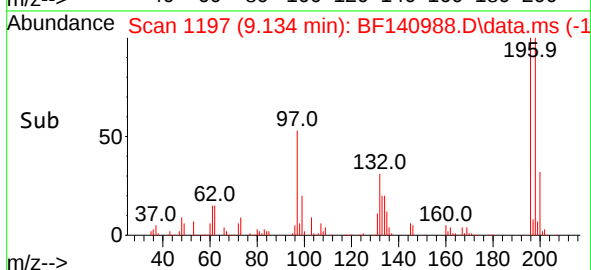
Supervised By :mohammad ahmed 12/30/2024

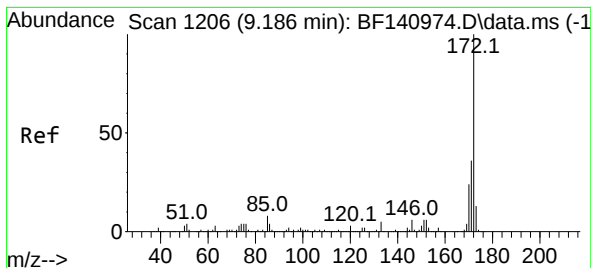


#44
2,4,5-Trichlorophenol
Concen: 47.690 ng
RT: 9.134 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22



Tgt Ion:196 Resp: 493831
Ion Ratio Lower Upper
196 100
198 100.5 79.9 119.9
97 54.0 44.3 66.5
132 31.4 24.7 37.1





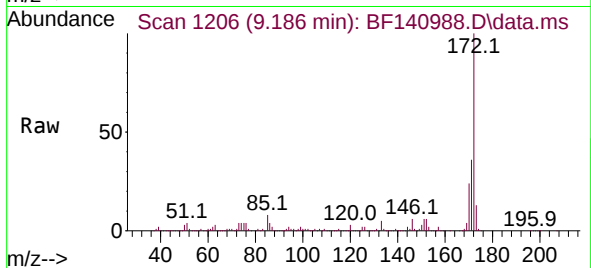
#45
2-Fluorobiphenyl
Concen: 89.313 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



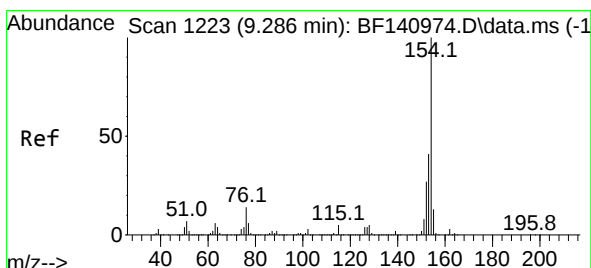
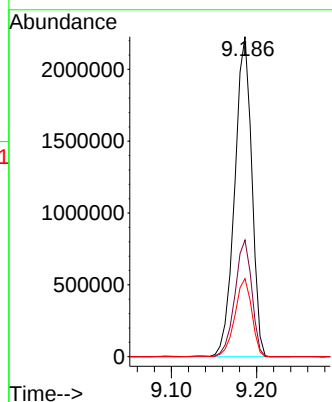
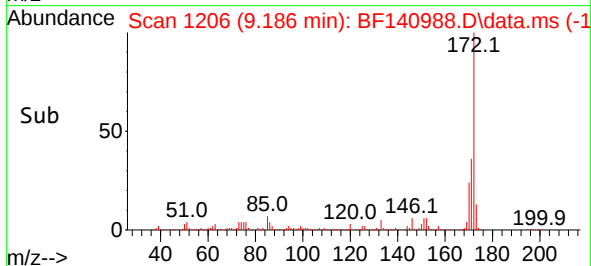
Tgt Ion:172 Resp: 3098400
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 24.4 19.6 29.4

Manual Integrations

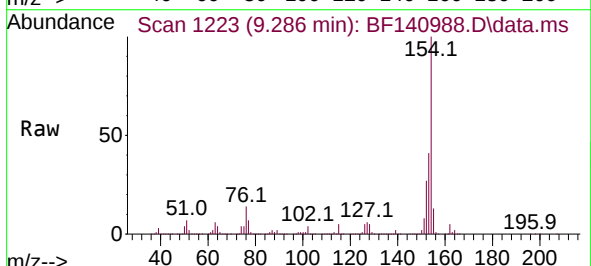
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

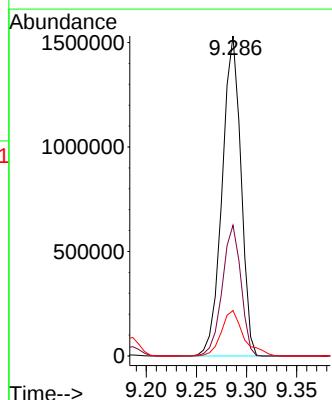
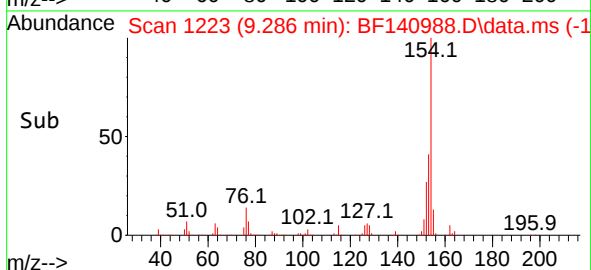
Supervised By :mohammad ahmed 12/30/2024

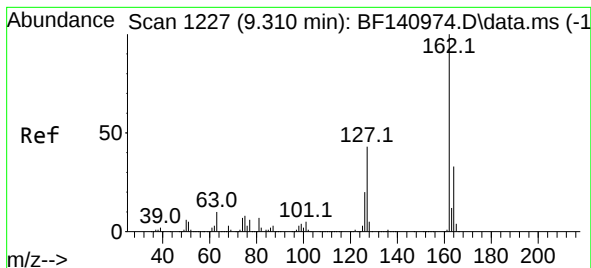


#46
1,1'-Biphenyl
Concen: 47.085 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22



Tgt Ion:154 Resp: 1992712
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 14.2 0.0 34.0





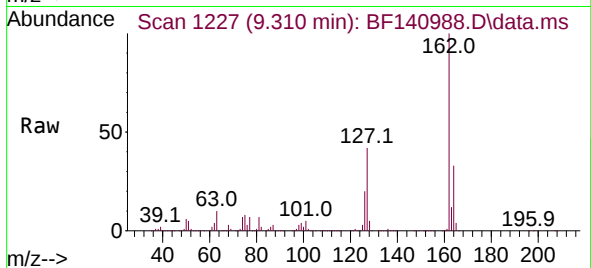
#47
2-Chloronaphthalene
Concen: 45.930 ng
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

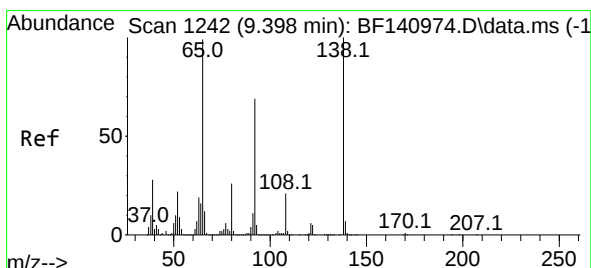
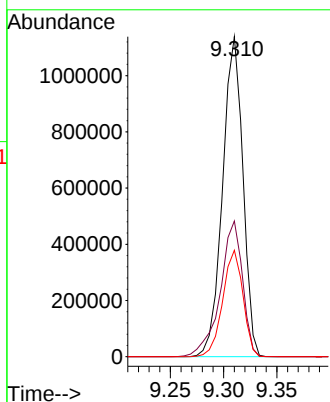
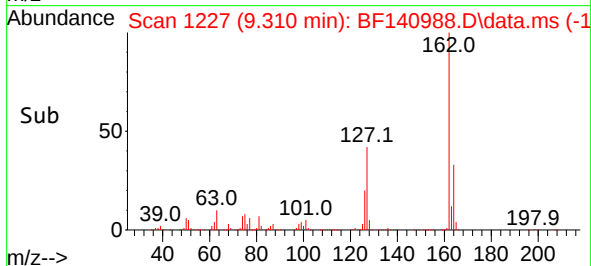
PB165748BS



Tgt Ion:162 Resp: 150756
Ion Ratio Lower Upper
162 100
127 42.4 34.2 51.4
164 33.3 26.6 40.0

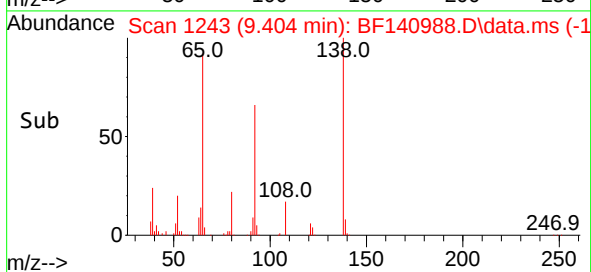
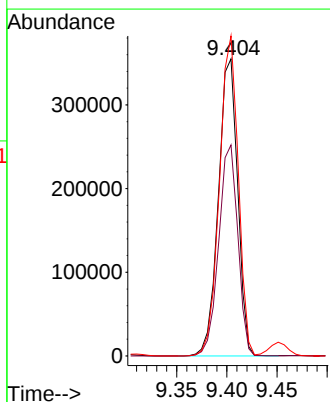
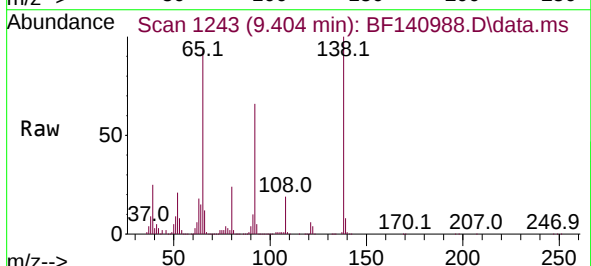
Manual Integrations
APPROVED

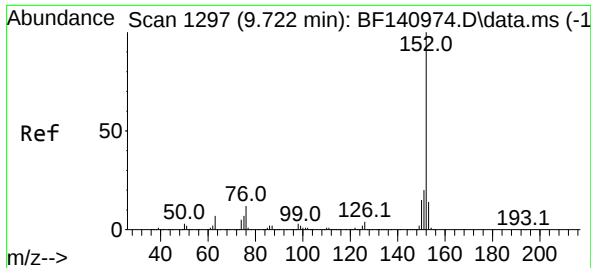
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#48
2-Nitroaniline
Concen: 54.400 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion: 65 Resp: 473005
Ion Ratio Lower Upper
65 100
92 71.0 55.6 83.4
138 107.7 80.5 120.7





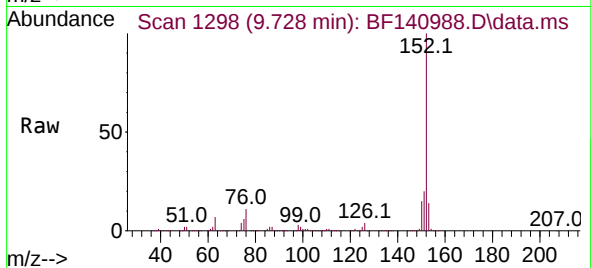
#49
Acenaphthylene
Concen: 49.946 ng
RT: 9.728 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



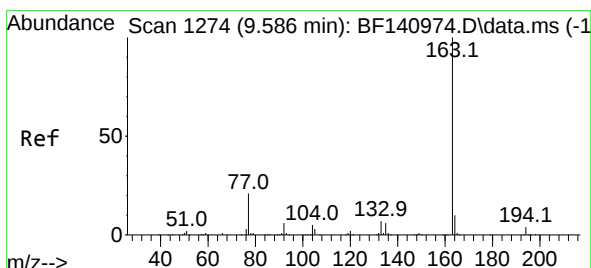
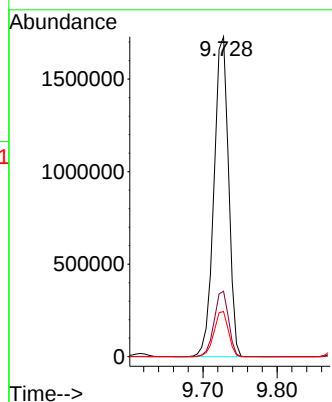
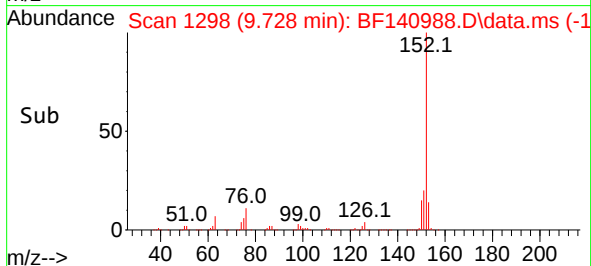
Tgt Ion:152 Resp: 2359994
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.1 11.4 17.0

Manual Integrations

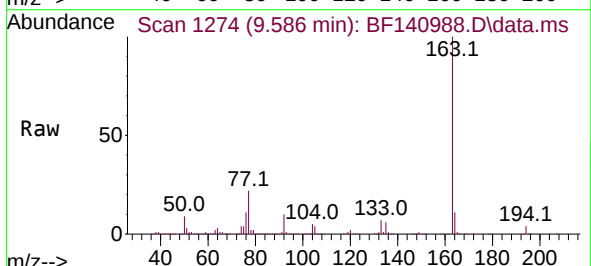
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

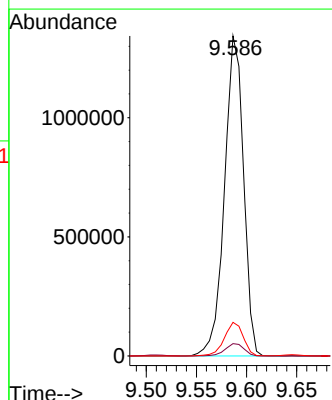
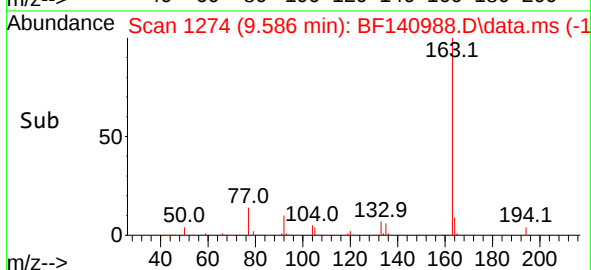
Supervised By :mohammad ahmed 12/30/2024

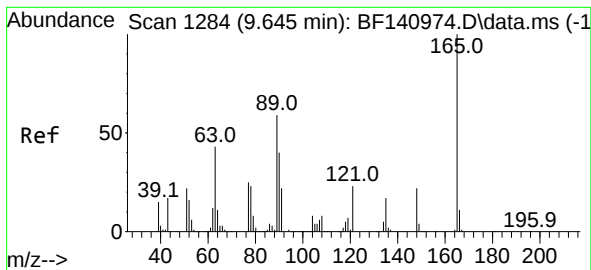


#50
Dimethylphthalate
Concen: 48.800 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22



Tgt Ion:163 Resp: 1774172
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.5 8.3 12.5





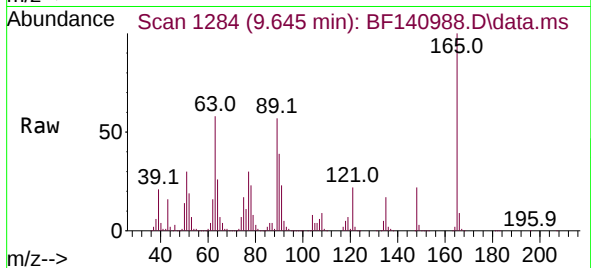
#51
2,6-Dinitrotoluene
Concen: 51.663 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS

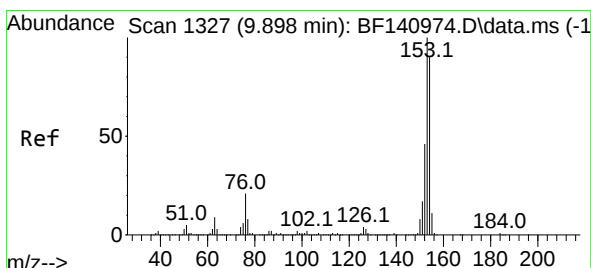
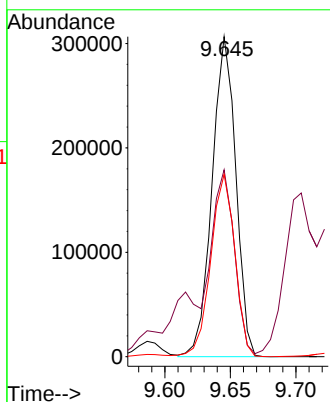
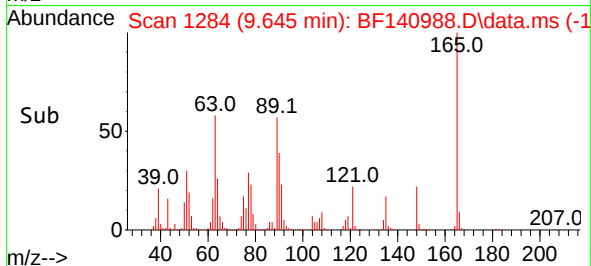


Tgt Ion:165 Resp: 38528
Ion Ratio Lower Upper
165 100
63 58.4 47.1 70.7
89 57.0 47.0 70.4

Manual Integrations

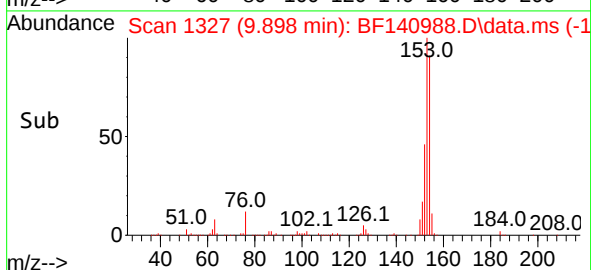
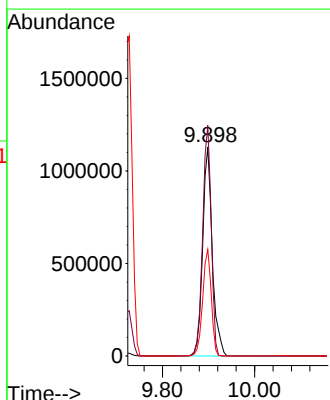
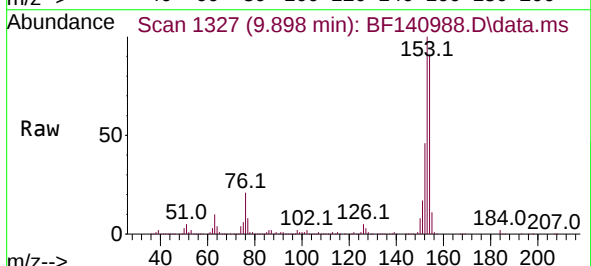
APPROVED

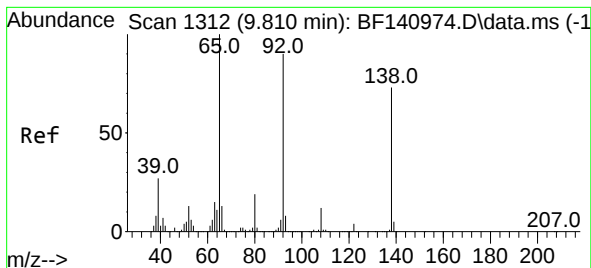
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#52
Acenaphthene
Concen: 51.819 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:154 Resp: 1655278
Ion Ratio Lower Upper
154 100
153 110.4 89.2 133.8
152 51.0 40.9 61.3





#53

3-Nitroaniline

Concen: 35.235 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS

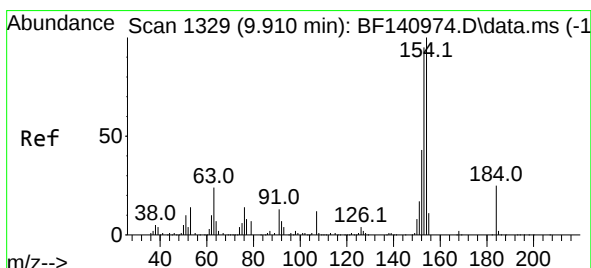
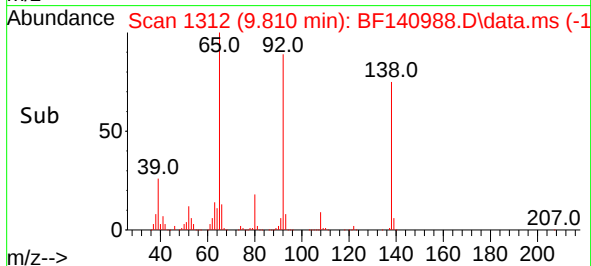
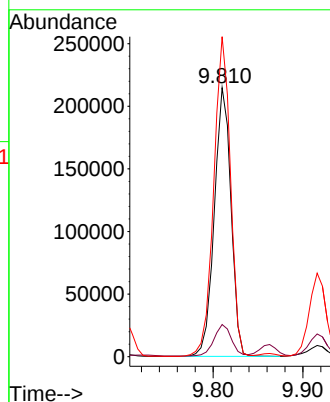
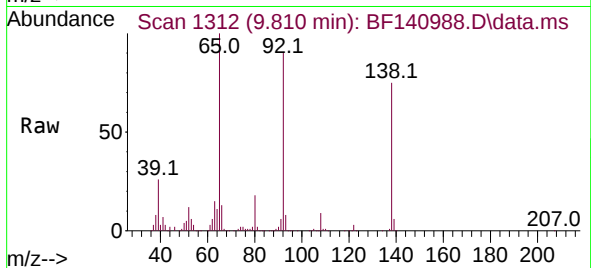
Tgt Ion:138 Resp: 27659
 Ion Ratio Lower Upper
 138 100
 108 12.0 13.5 20.3
 92 119.0 97.7 146.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#54

2,4-Dinitrophenol

Concen: 97.565 ng

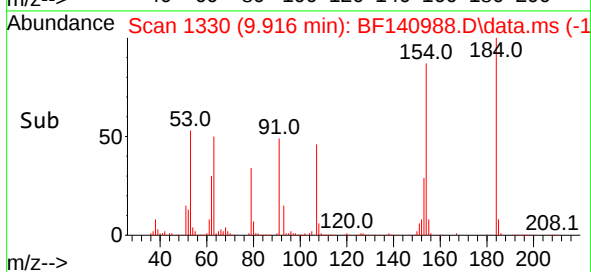
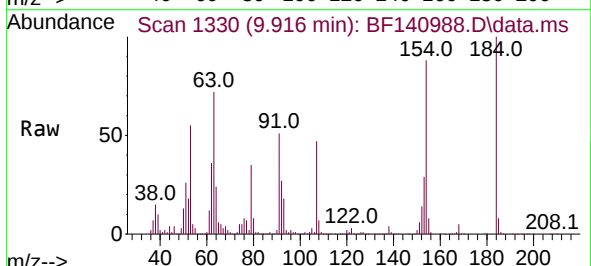
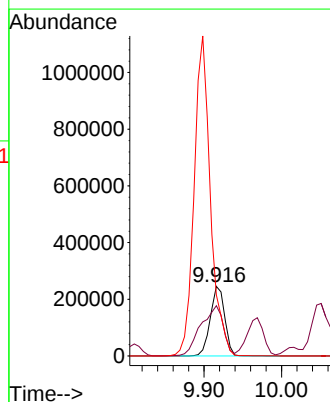
RT: 9.916 min Scan# 1330

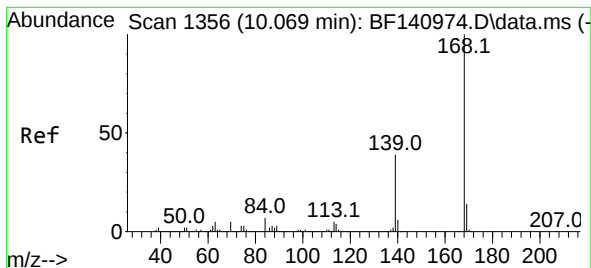
Delta R.T. 0.006 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

Tgt Ion:184 Resp: 317383
 Ion Ratio Lower Upper
 184 100
 63 72.3 81.6 122.4#
 154 87.5 363.5 545.3#





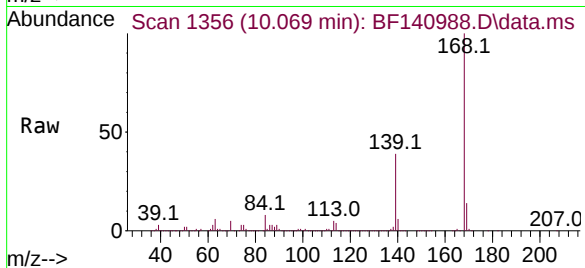
#55
Dibenzenofuran
Concen: 47.810 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



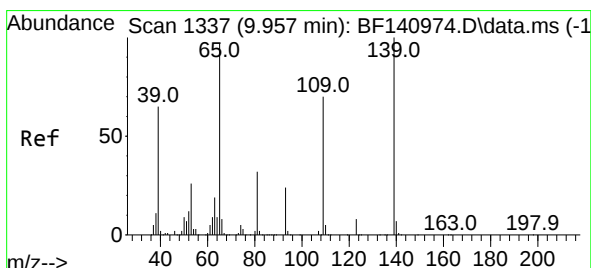
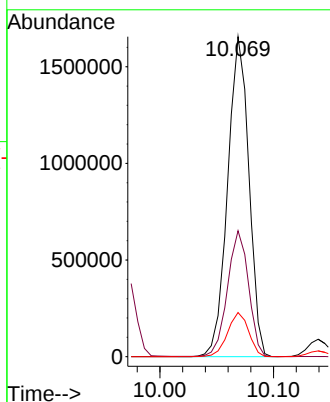
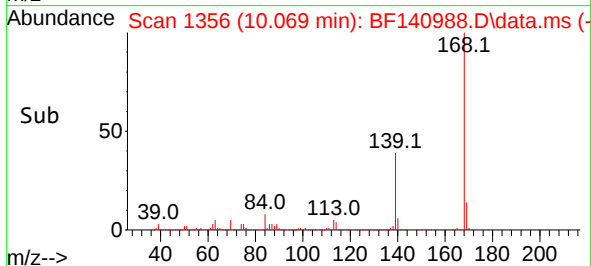
Tgt Ion:168 Resp: 214630
Ion Ratio Lower Upper
168 100
139 39.3 31.6 47.4
169 13.8 11.0 16.6

Manual Integrations

APPROVED

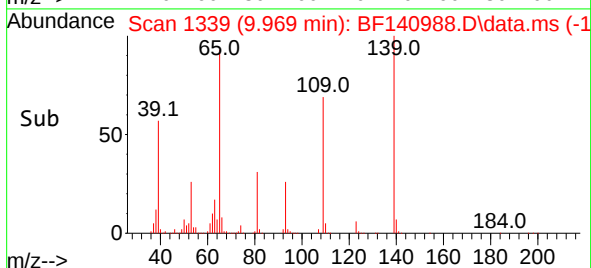
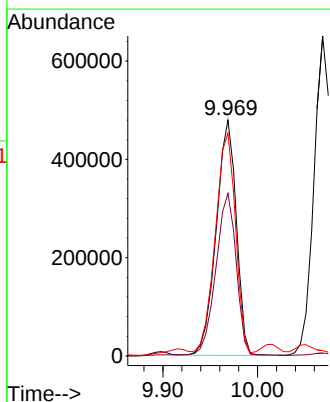
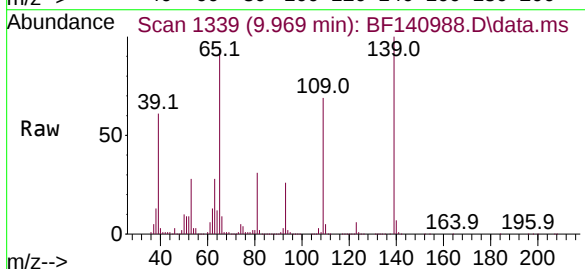
Reviewed By :Yogesh Patel 12/30/2024

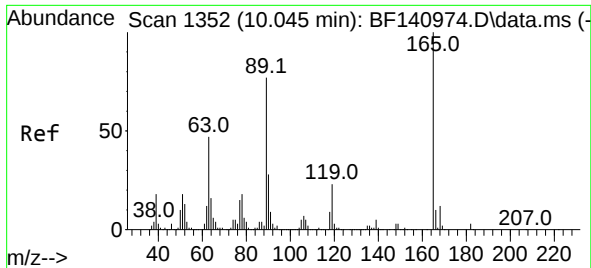
Supervised By :mohammad ahmed 12/30/2024



#56
4-Nitrophenol
Concen: 113.751 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:139 Resp: 707418
Ion Ratio Lower Upper
139 100
109 68.9 50.8 90.8
65 94.5 78.5 118.5





#57
2,4-Dinitrotoluene
Concen: 55.031 ng
RT: 10.051 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

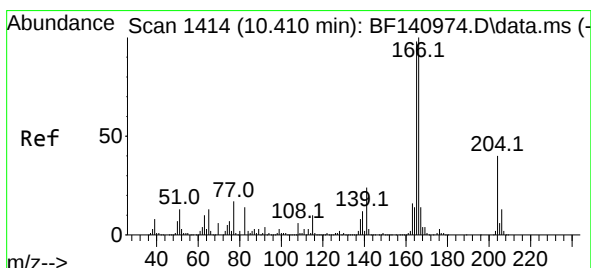
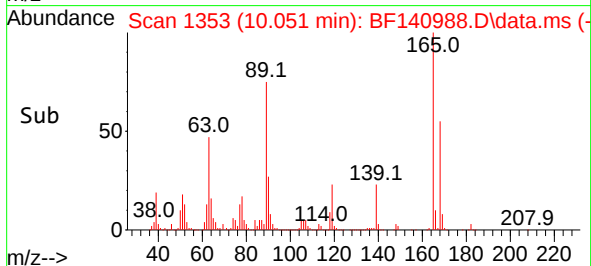
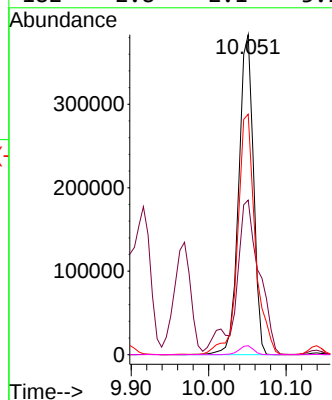
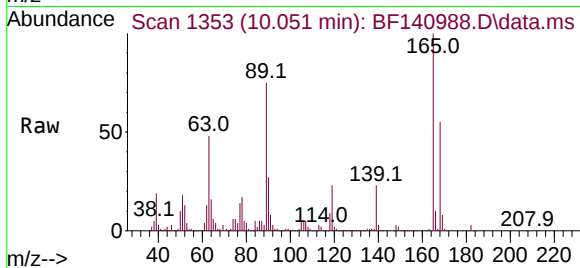
ClientSampleId :

PB165748BS

Tgt Ion:165 Resp: 50588
Ion Ratio Lower Upper
165 100
63 48.3 38.1 57.1
89 75.1 61.4 92.2
182 2.8 2.1 3.1

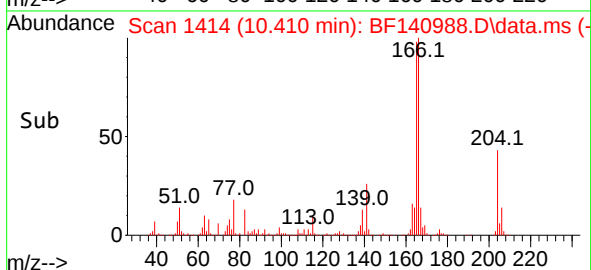
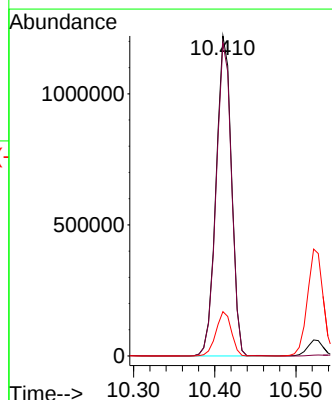
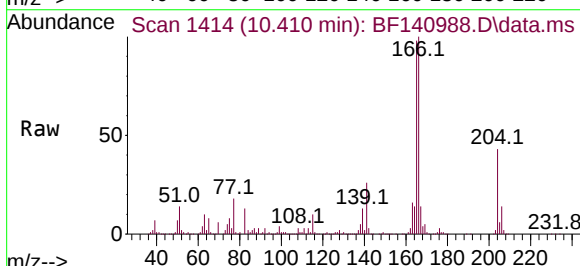
Manual Integrations
APPROVED

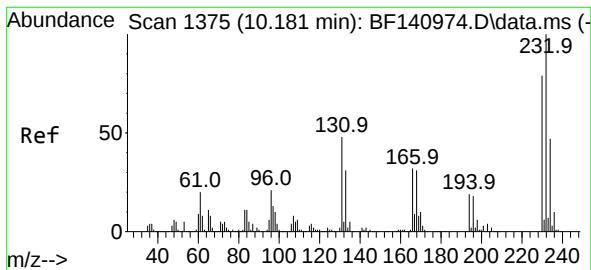
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#58
Fluorene
Concen: 46.404 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

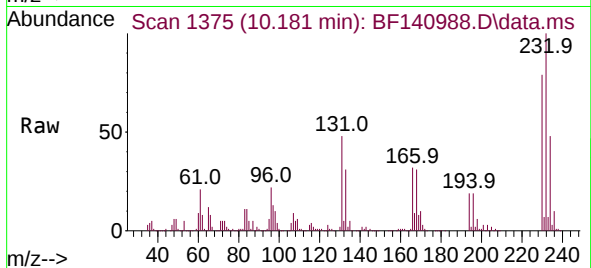
Tgt Ion:166 Resp: 1615393
Ion Ratio Lower Upper
166 100
165 97.8 78.3 117.5
167 13.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.944 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

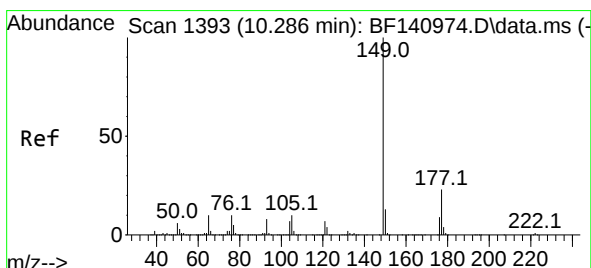
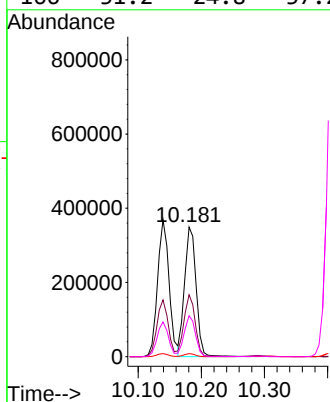
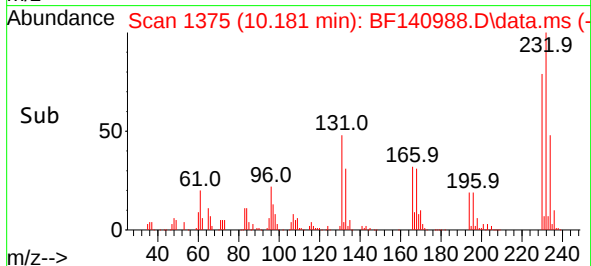
Instrument :
BNA_F
ClientSampleId :
PB165748BS



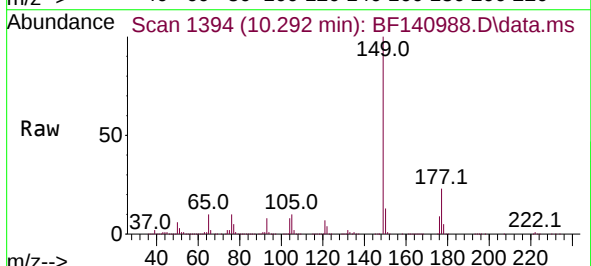
Tgt Ion:232 Resp: 445471
Ion Ratio Lower Upper
232 100
131 47.1 37.4 56.2
130 2.4 1.8 2.8
166 31.2 24.8 37.2

Manual Integrations
APPROVED

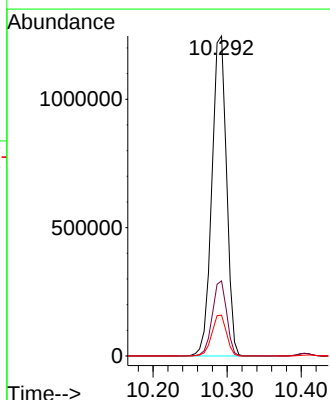
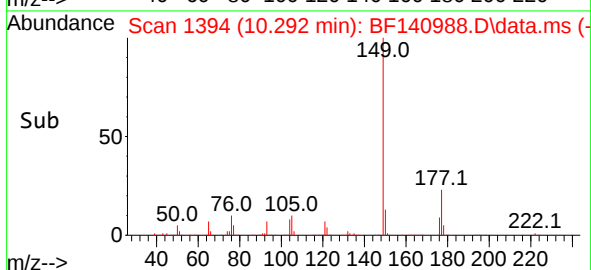
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

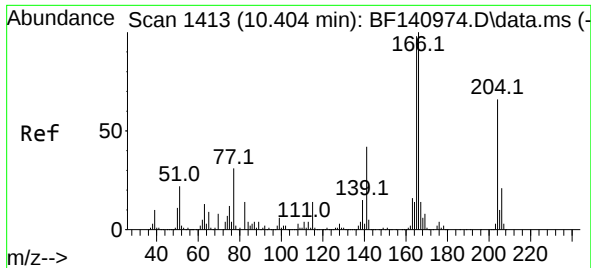


#60
Diethylphthalate
Concen: 47.648 ng
RT: 10.292 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22



Tgt Ion:149 Resp: 1710159
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 12.7 10.4 15.6





#61
4-Chlorophenyl-phenylether
Concen: 46.634 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

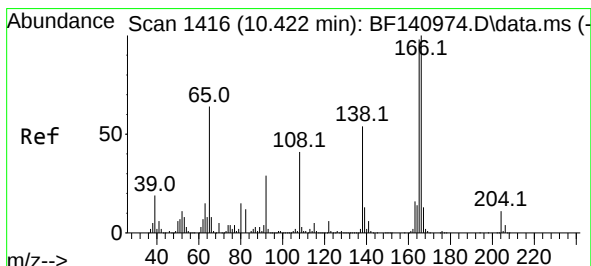
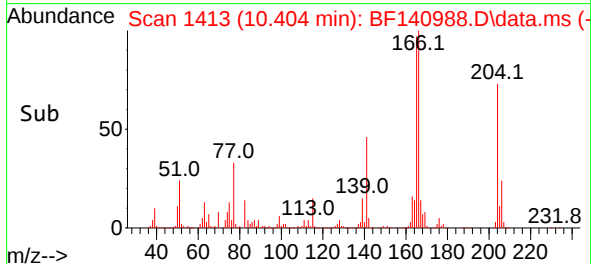
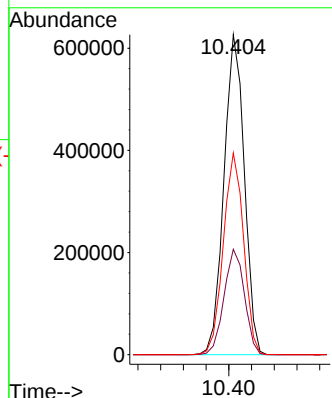
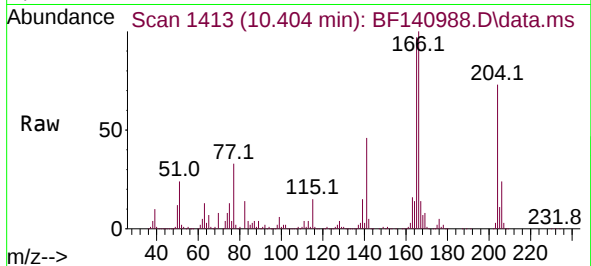
ClientSampleId :

PB165748BS

Tgt Ion:204 Resp: 781139
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 63.1 51.2 76.8

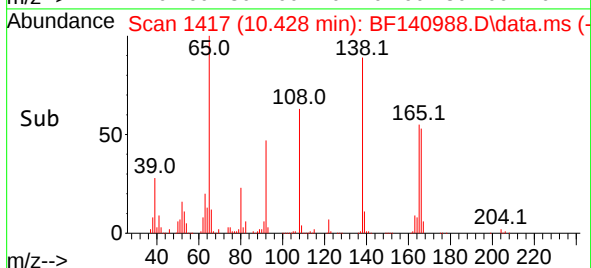
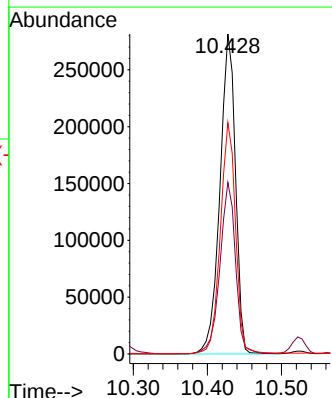
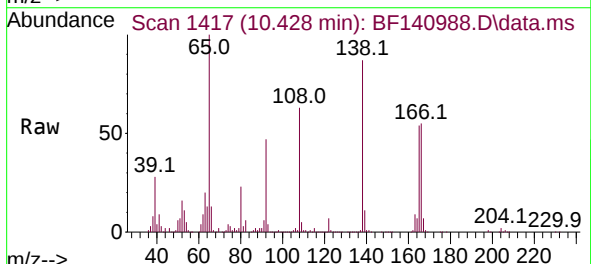
Manual Integrations
APPROVED

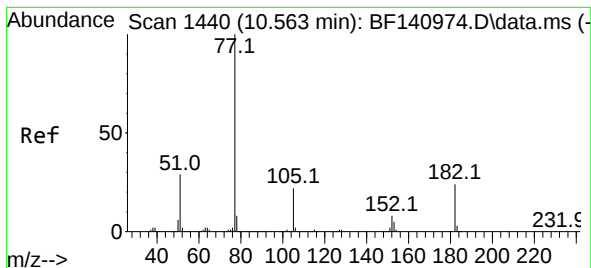
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#62
4-Nitroaniline
Concen: 50.731 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:138 Resp: 410299
Ion Ratio Lower Upper
138 100
92 53.6 34.8 74.8
108 72.3 55.9 95.9





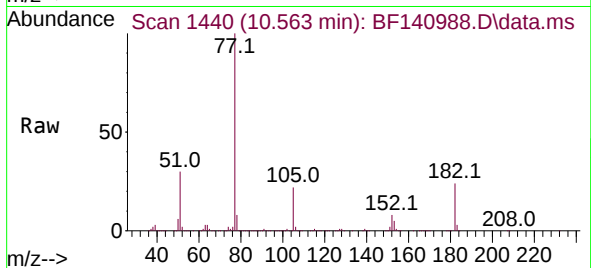
#63
Azobenzene
Concen: 47.616 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



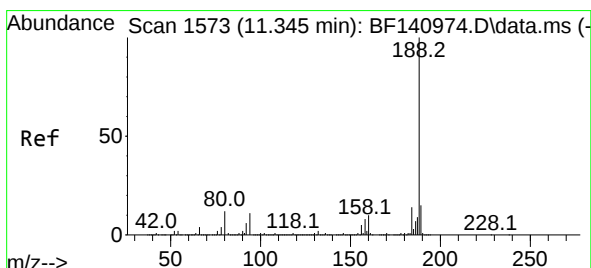
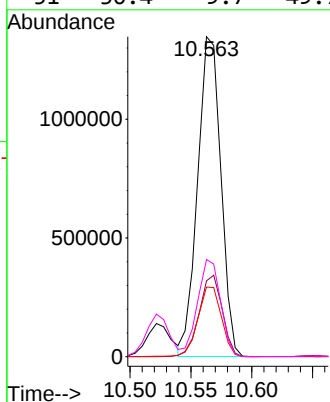
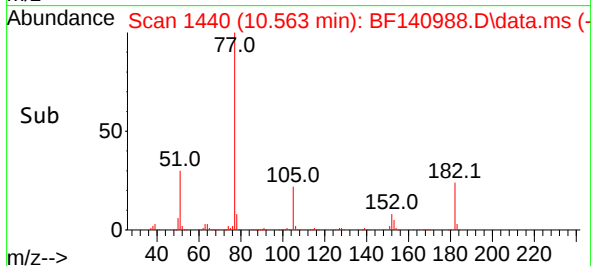
Tgt Ion: 77 Resp: 1793839
Ion Ratio Lower Upper
77 100
182 23.7 4.1 44.1
105 21.7 1.8 41.8
51 30.4 9.7 49.7

Manual Integrations

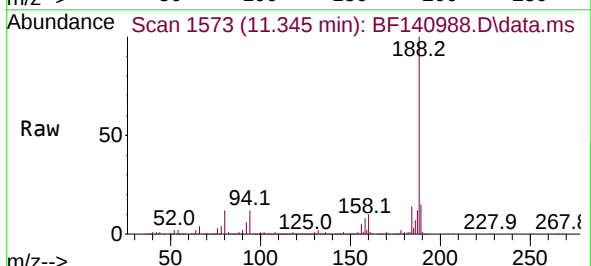
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

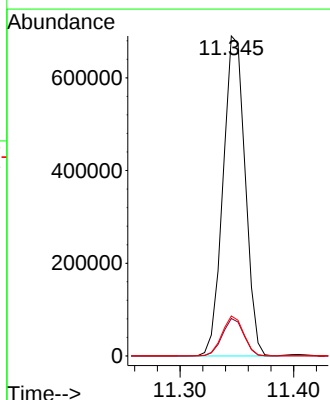
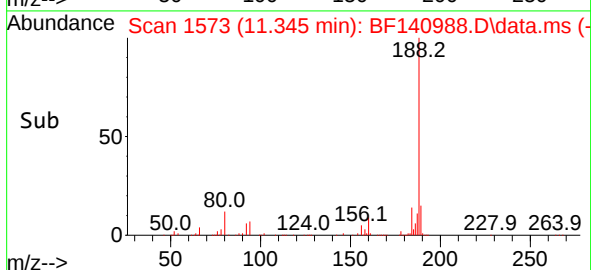
Supervised By :mohammad ahmed 12/30/2024

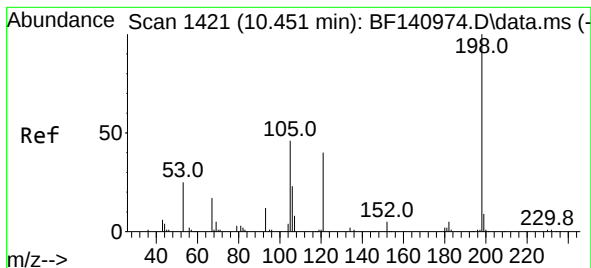


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22



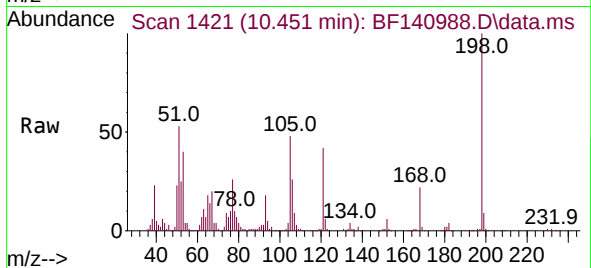
Tgt Ion:188 Resp: 932918
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.6
80 12.5 9.8 14.6





#65
4,6-Dinitro-2-methylphenol
Concen: 57.982 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

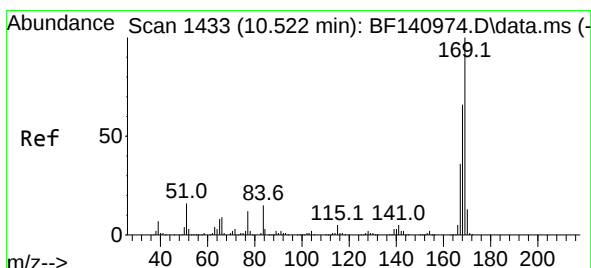
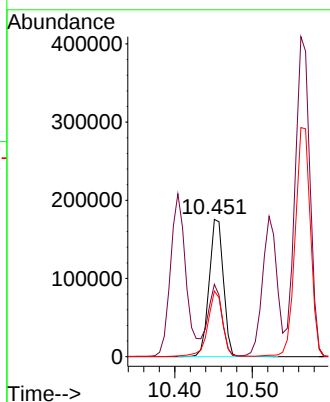
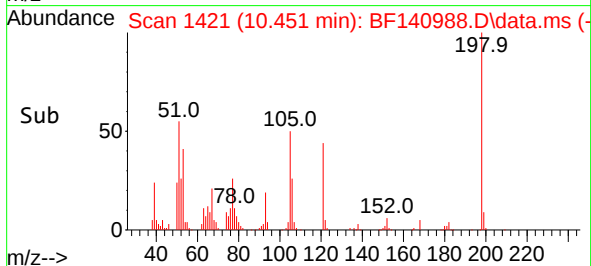
Instrument :
BNA_F
ClientSampleId :
PB165748BS



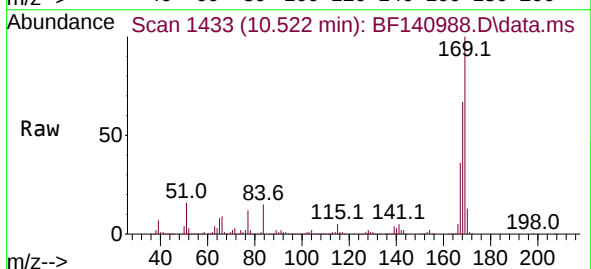
Tgt Ion:198 Resp: 224645
Ion Ratio Lower Upper
198 100
51 52.7 32.3 72.3
105 47.8 28.4 68.4

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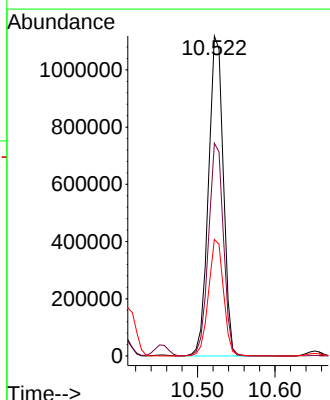
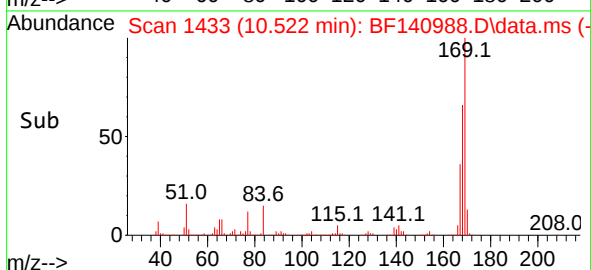
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

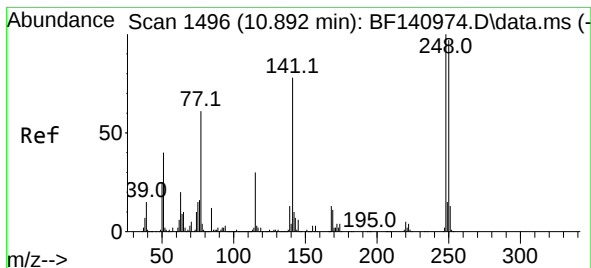


#66
n-Nitrosodiphenylamine
Concen: 50.533 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22



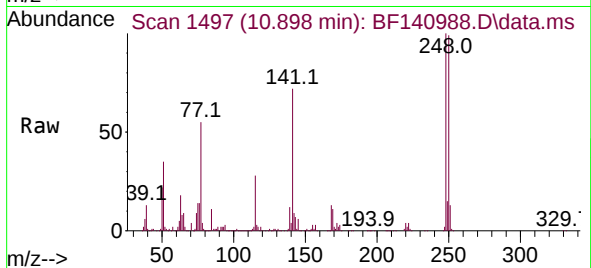
Tgt Ion:169 Resp: 1484538
Ion Ratio Lower Upper
169 100
168 66.5 52.6 79.0
167 36.4 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 50.224 ng
RT: 10.898 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

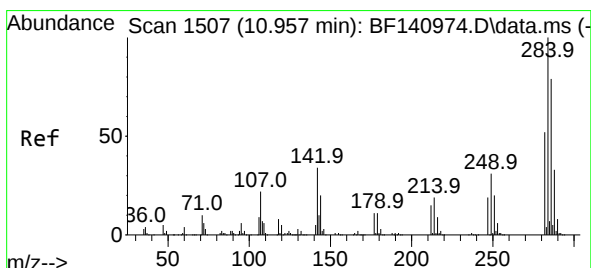
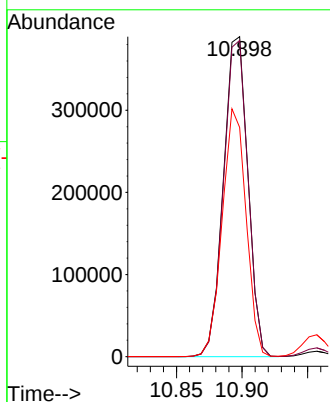
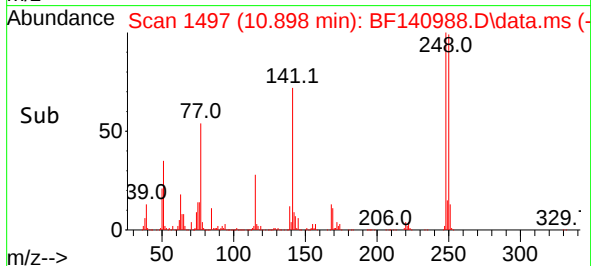
Instrument :
BNA_F
ClientSampleId :
PB165748BS



Tgt Ion:248 Resp: 506512
Ion Ratio Lower Upper
248 100
250 98.9 77.7 116.5
141 71.7 62.1 93.1

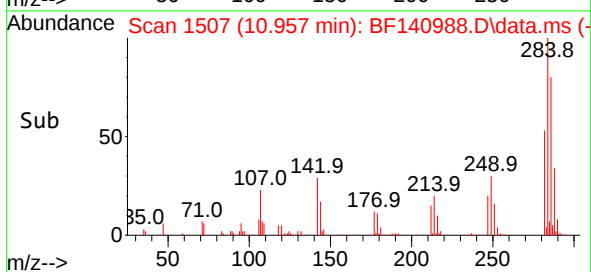
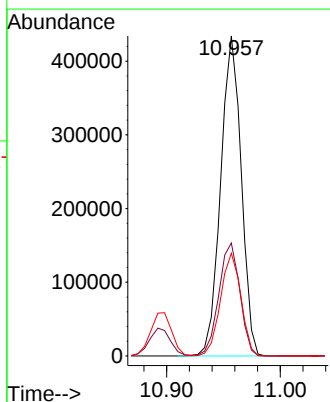
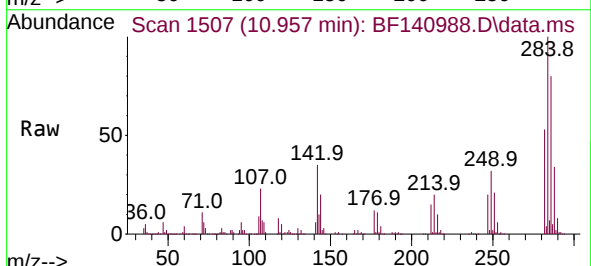
Manual Integrations
APPROVED

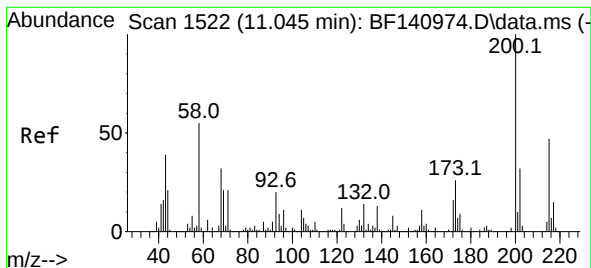
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#68
Hexachlorobenzene
Concen: 49.092 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:284 Resp: 545919
Ion Ratio Lower Upper
284 100
142 35.3 27.1 40.7
249 32.1 25.1 37.7





#69

Atrazine

Concen: 60.999 ng

RT: 11.051 min Scan# 1104

Delta R.T. 0.006 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS

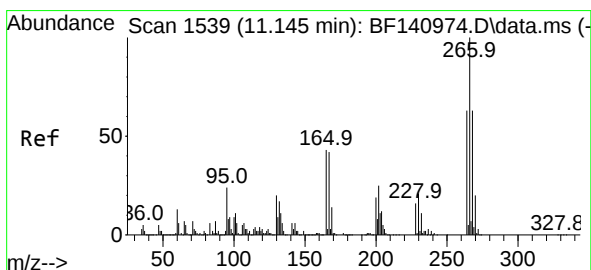
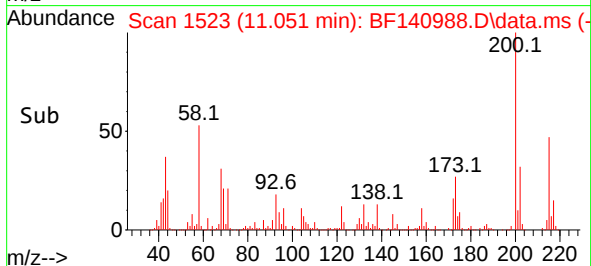
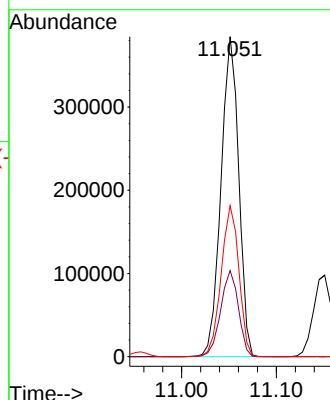
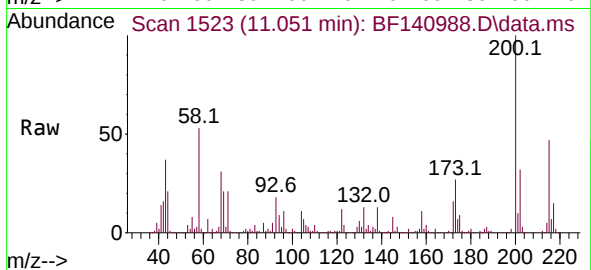
Tgt Ion:200 Resp: 500623
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.4 46.4
 215 47.2 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#70

Pentachlorophenol

Concen: 100.360 ng

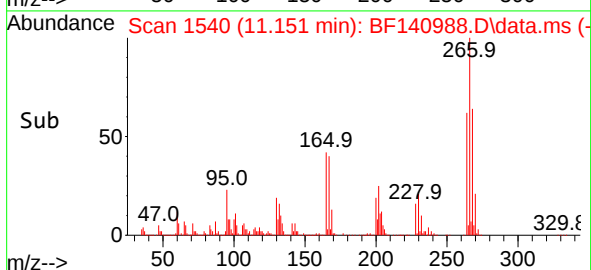
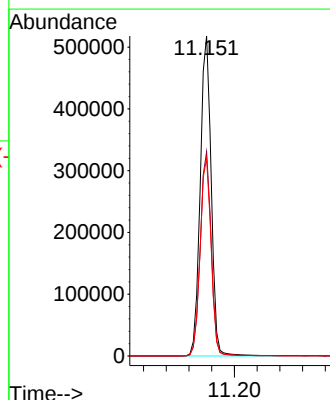
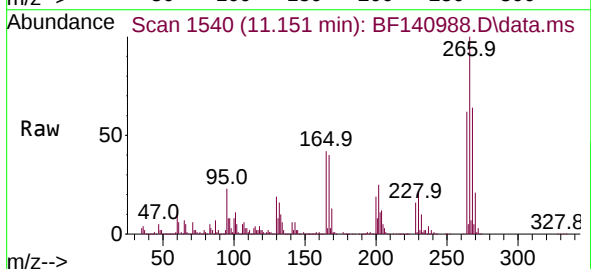
RT: 11.151 min Scan# 1540

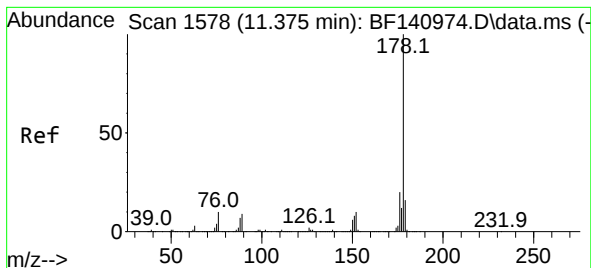
Delta R.T. 0.006 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

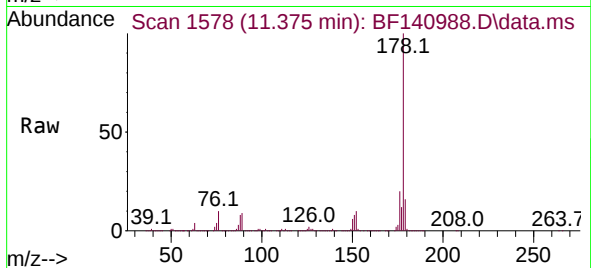
Tgt Ion:266 Resp: 694854
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.5 75.7
 264 61.8 50.2 75.4





#71
Phenanthrene
Concen: 49.717 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

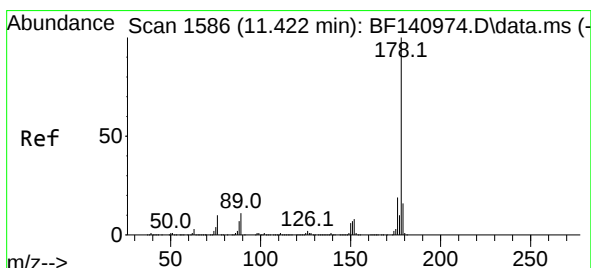
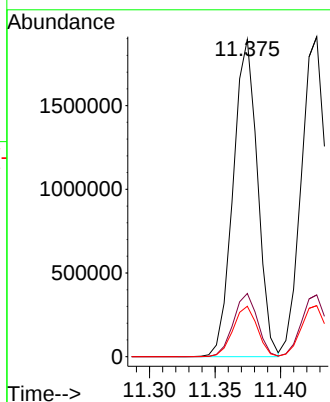
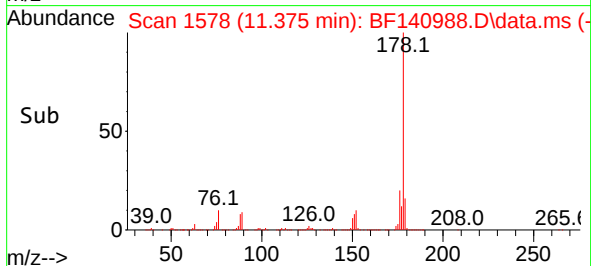
Instrument :
BNA_F
ClientSampleId :
PB165748BS



Tgt Ion:178 Resp: 244111
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.9 12.6 19.0

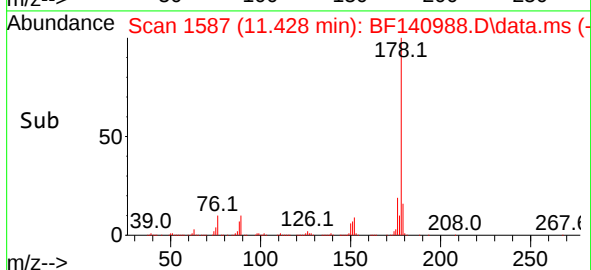
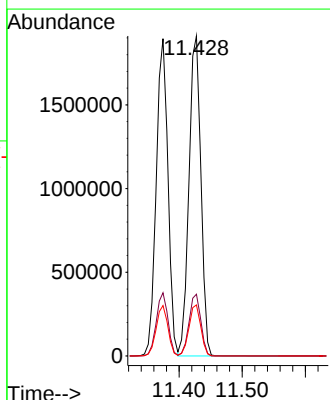
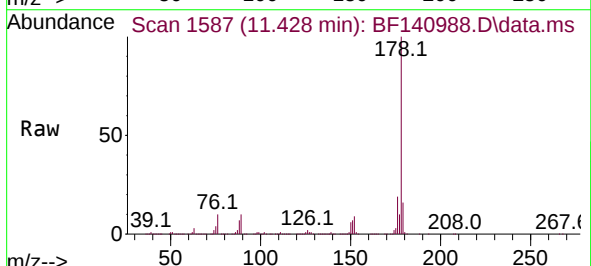
Manual Integrations
APPROVED

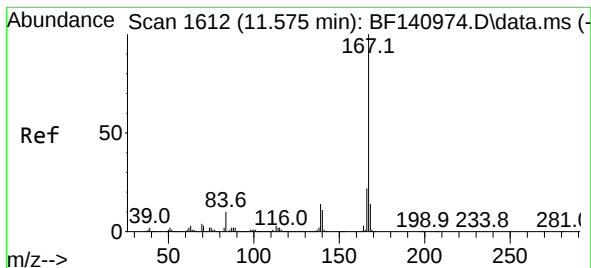
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#72
Anthracene
Concen: 51.986 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:178 Resp: 2501157
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 16.0 12.9 19.3





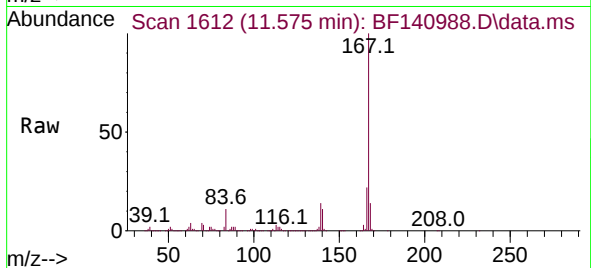
#73
 Carbazole
 Concen: 48.330 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF140988.D
 Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



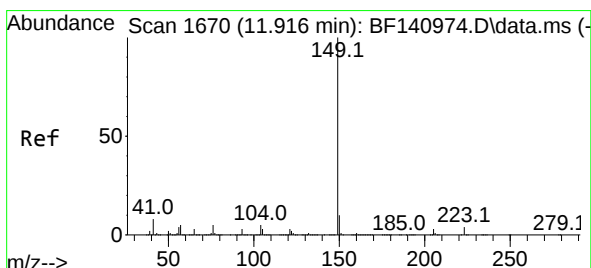
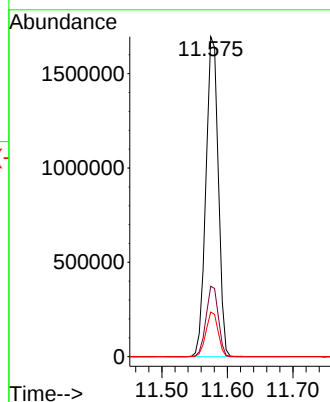
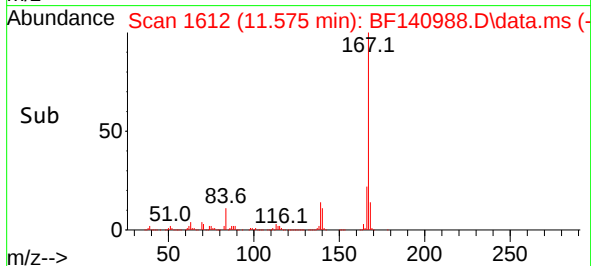
Tgt Ion:167 Resp: 223533
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.9 11.0 16.4

Manual Integrations

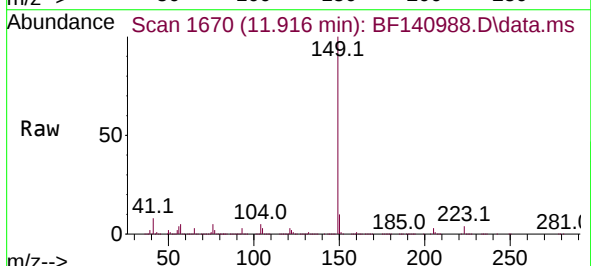
APPROVED

Reviewed By :Yogesh Patel 12/30/2024

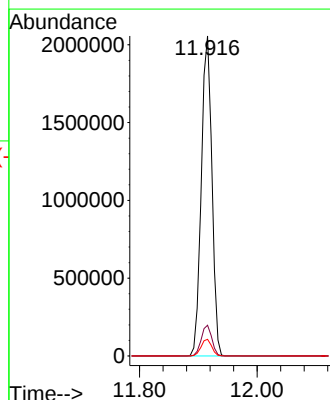
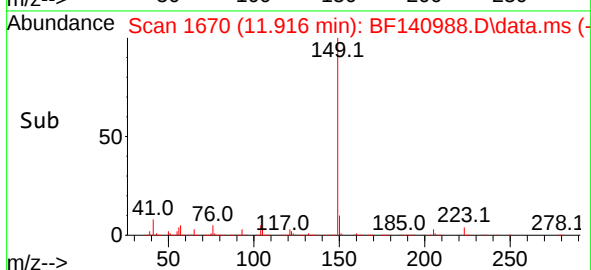
Supervised By :mohammad ahmed 12/30/2024

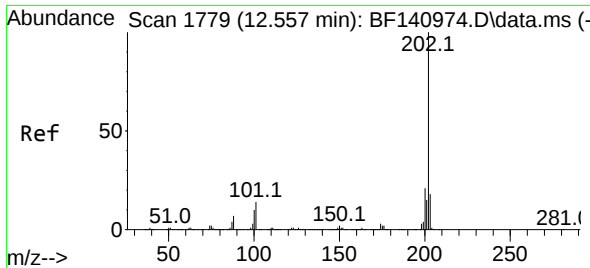


#74
 Di-n-butylphthalate
 Concen: 48.799 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF140988.D
 Acq: 27 Dec 2024 11:22



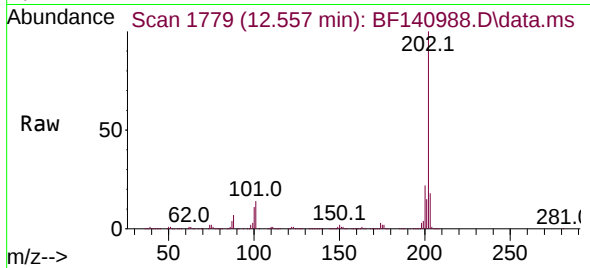
Tgt Ion:149 Resp: 2567123
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 47.975 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

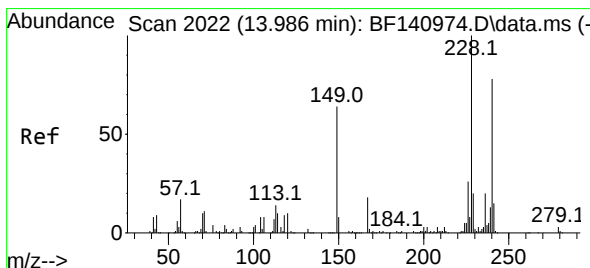
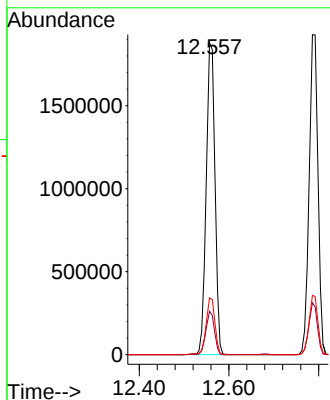
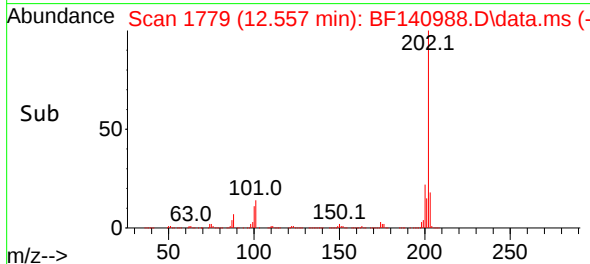
Instrument :
BNA_F
ClientSampleId :
PB165748BS



Tgt Ion:202 Resp: 255478
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.7
203 18.2 0.0 38.1

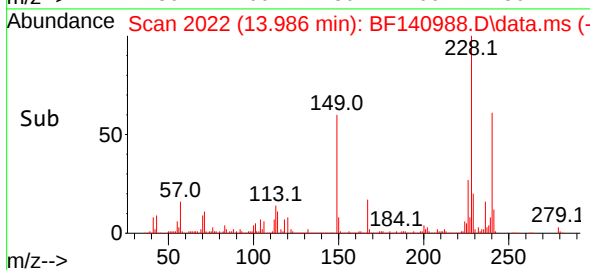
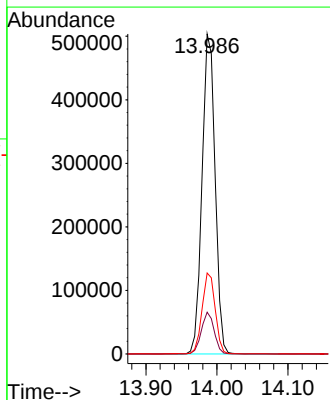
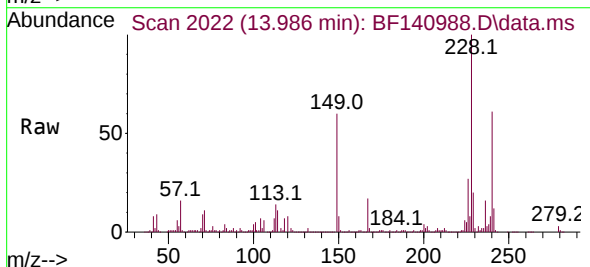
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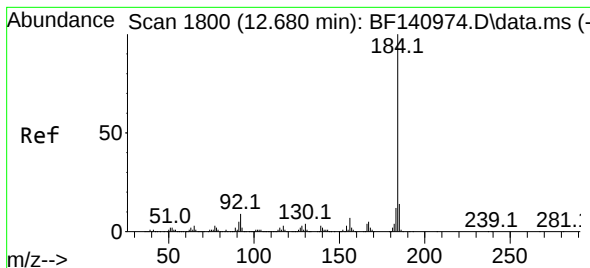
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:240 Resp: 645009
Ion Ratio Lower Upper
240 100
120 13.1 10.7 16.1
236 25.3 20.6 31.0





#77

Benzidine

Concen: 54.172 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS

Tgt Ion:184 Resp: 73845

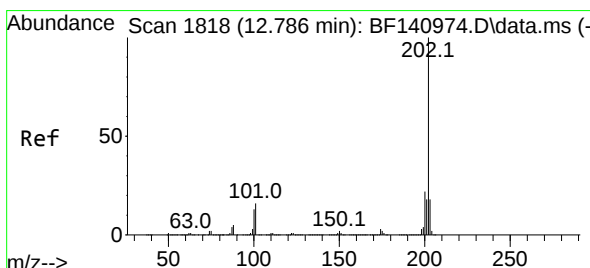
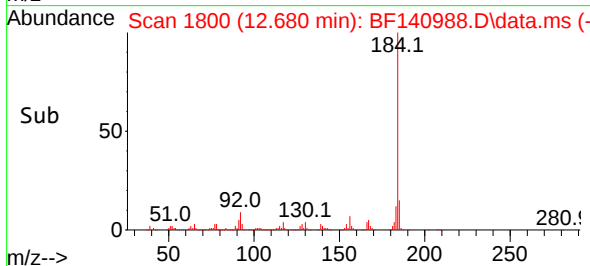
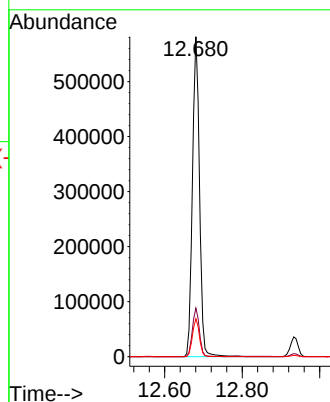
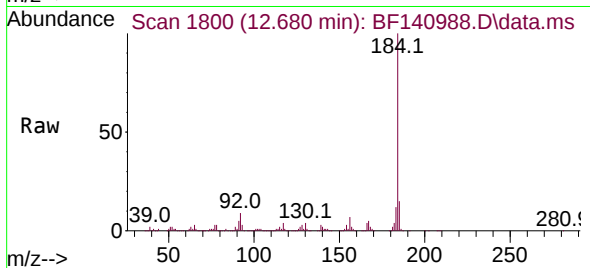
Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.4	17.2
183	11.9	9.4	14.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#78

Pyrene

Concen: 46.597 ng

RT: 12.786 min Scan# 1818

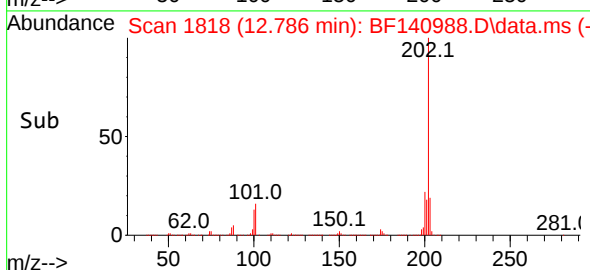
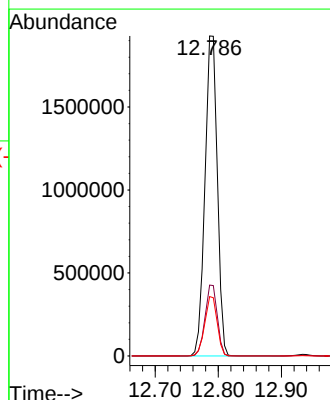
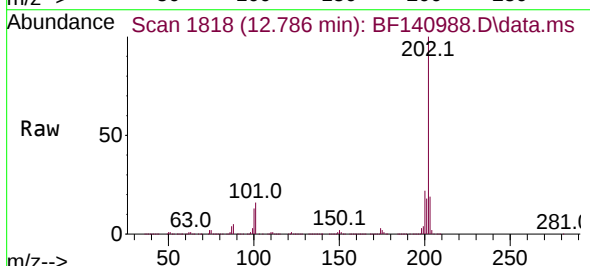
Delta R.T. 0.000 min

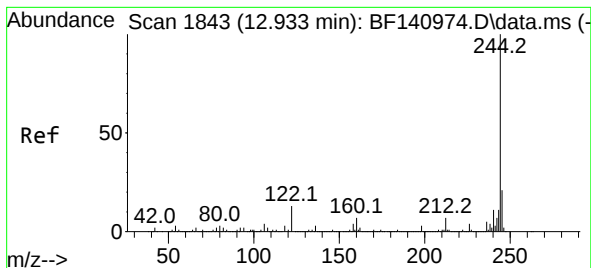
Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

Tgt Ion:202 Resp: 2628575

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.3	25.9
203	18.5	14.6	21.8





#79

Terphenyl-d14

Concen: 91.979 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF140988.D

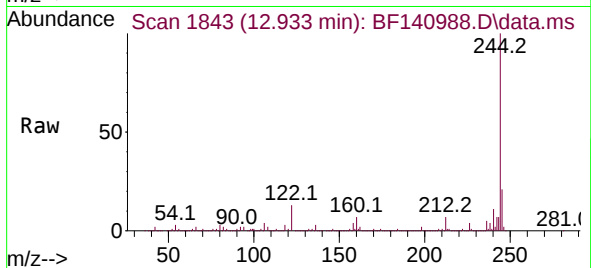
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



Tgt Ion:244 Resp: 3571790

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

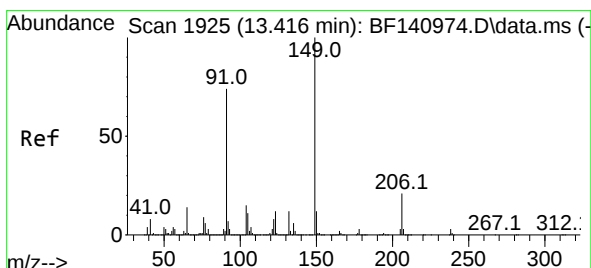
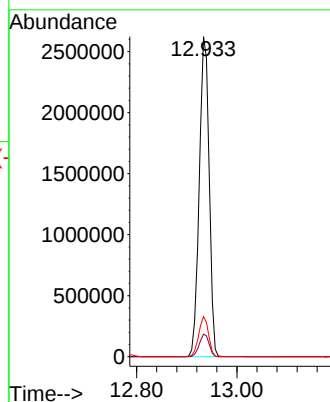
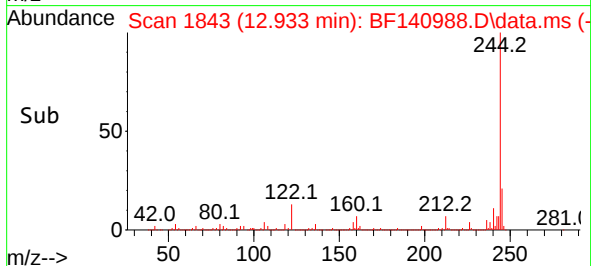
122 12.6 10.2 15.2

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#80

Butylbenzylphthalate

Concen: 50.912 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

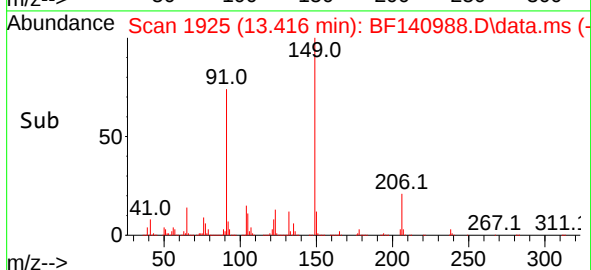
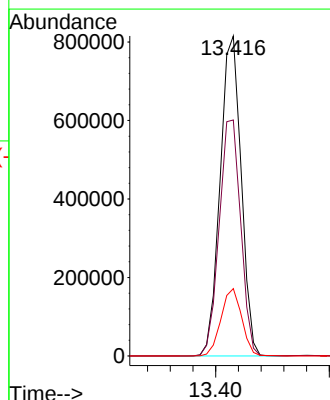
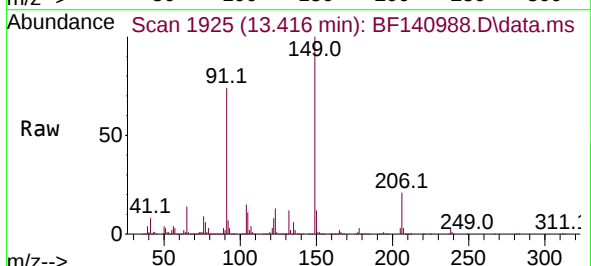
Tgt Ion:149 Resp: 1048714

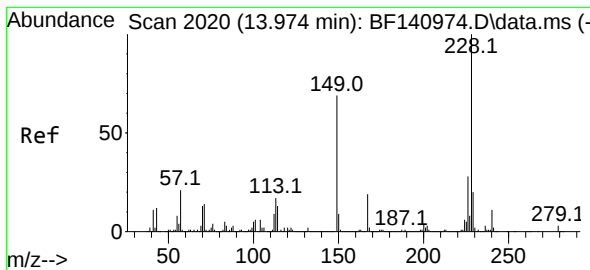
Ion Ratio Lower Upper

149 100

91 73.8 59.5 89.3

206 21.1 17.1 25.7





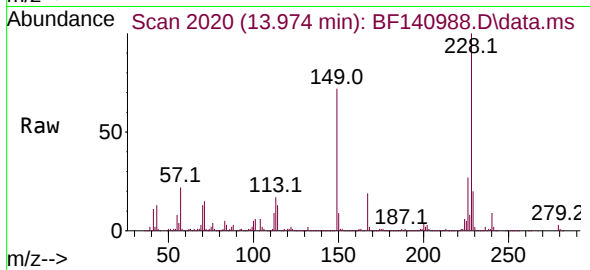
#81
Benzo(a)anthracene
Concen: 47.716 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

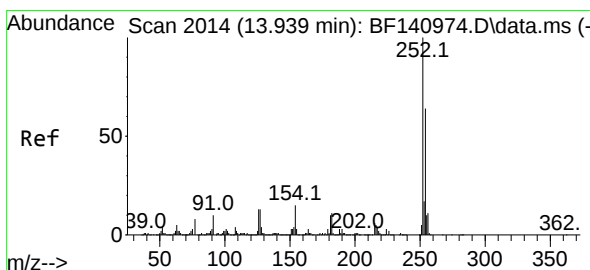
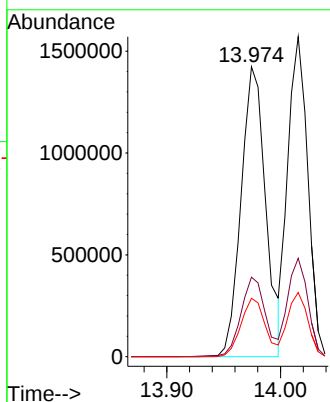
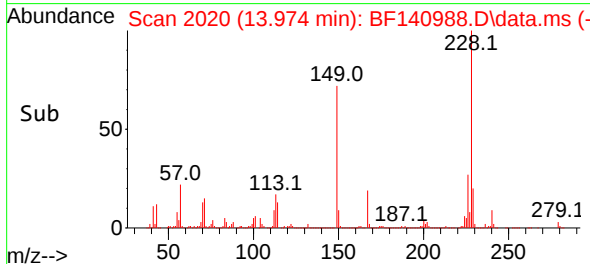
PB165748BS



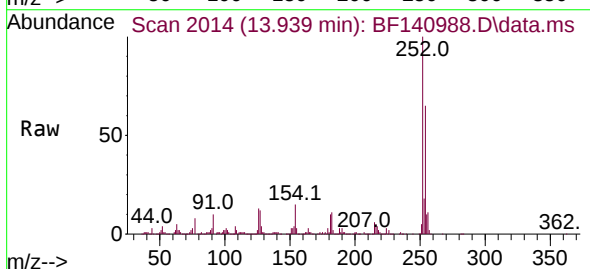
Tgt Ion:228 Resp: 214500
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 20.2 16.2 24.2

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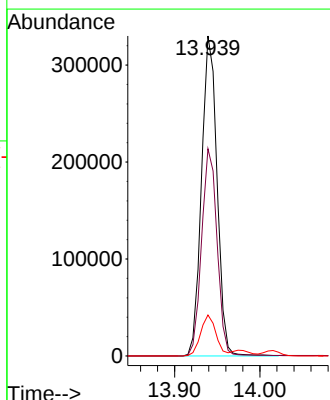
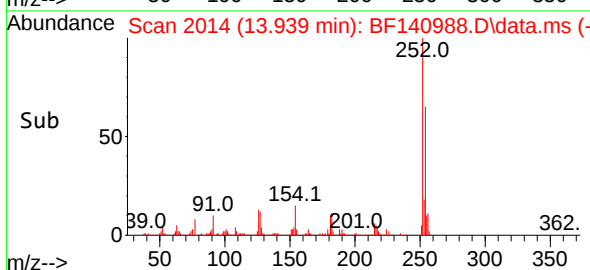
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

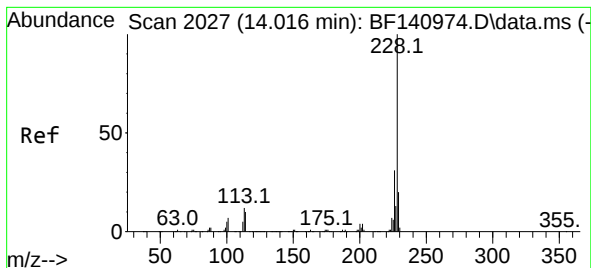


#82
3,3'-Dichlorobenzidine
Concen: 30.913 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22



Tgt Ion:252 Resp: 417520
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 12.8 10.3 15.5





#83

Chrysene

Concen: 47.491 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140988.D

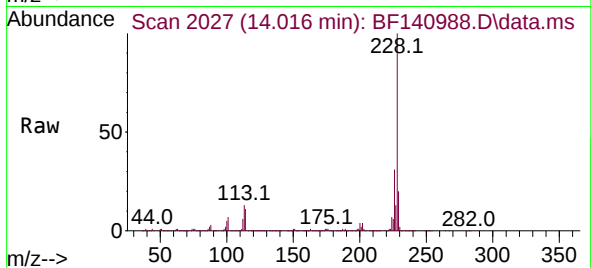
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



Tgt Ion:228 Resp: 1924524

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

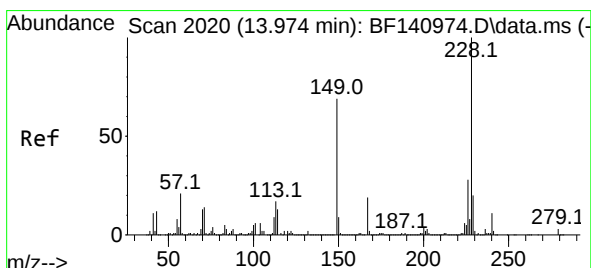
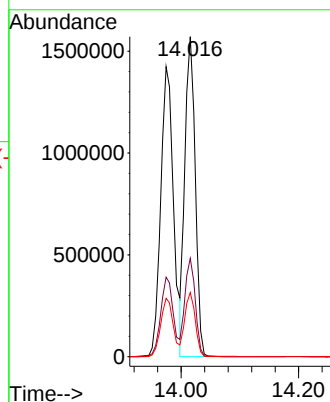
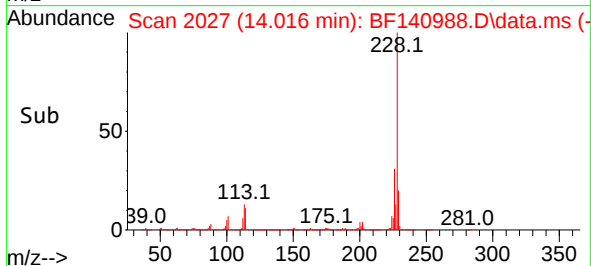
229 20.0 16.2 24.4

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.410 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF140988.D

Acq: 27 Dec 2024 11:22

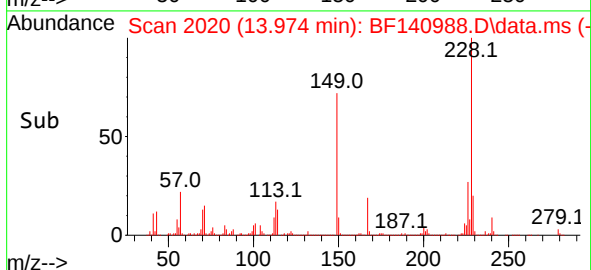
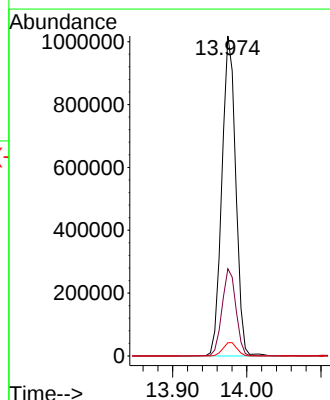
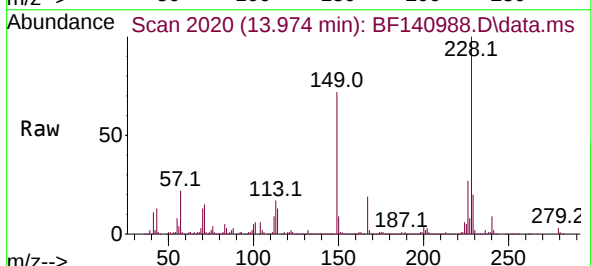
Tgt Ion:149 Resp: 1320212

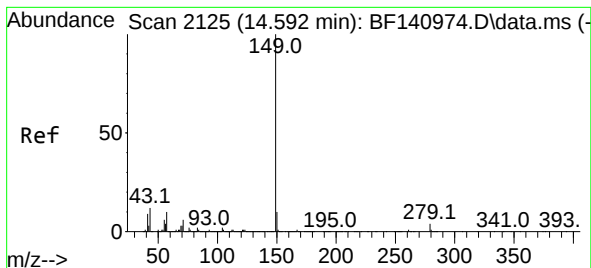
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

279 4.1 3.2 4.8





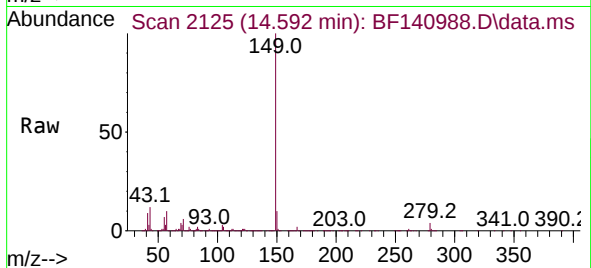
#85
Di-n-octyl phthalate
Concen: 51.873 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



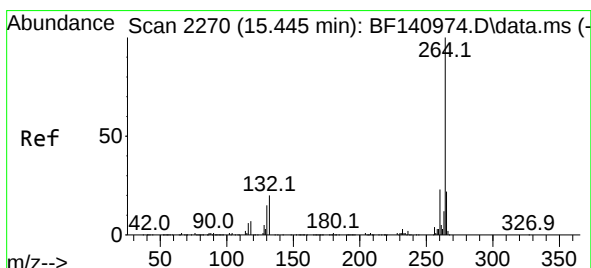
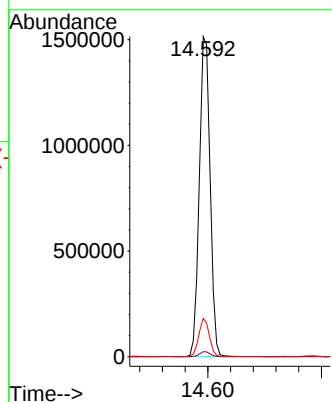
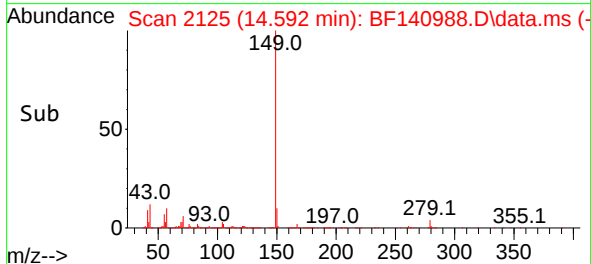
Tgt Ion:149 Resp: 2006058
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.3 13.9

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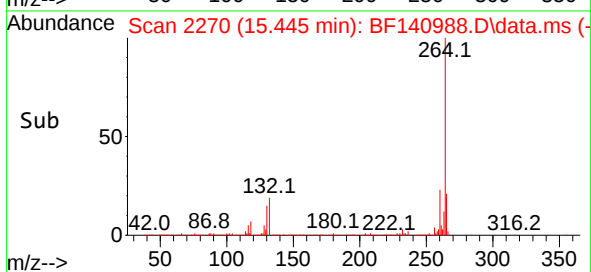
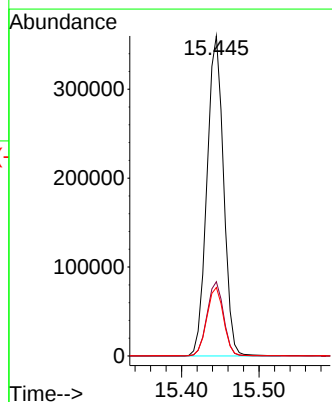
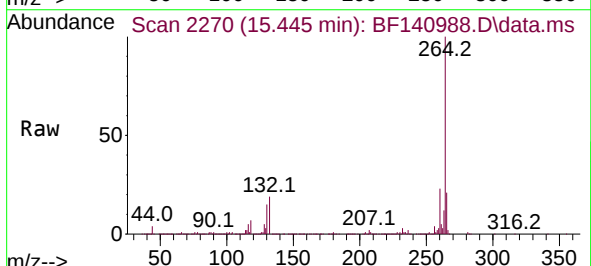
Reviewed By :Yogesh Patel 12/30/2024

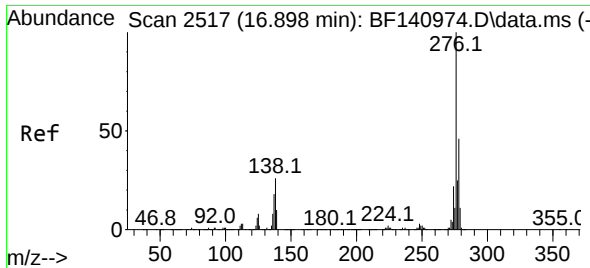
Supervised By :mohammad ahmed 12/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:264 Resp: 534877
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 21.4 17.4 26.2





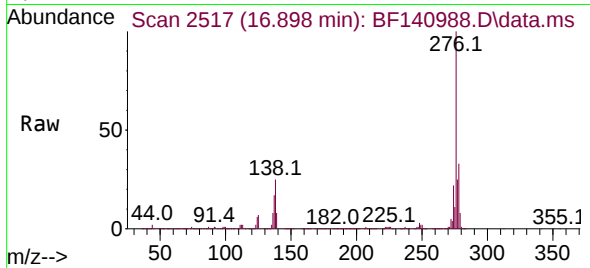
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.057 ng
RT: 16.898 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



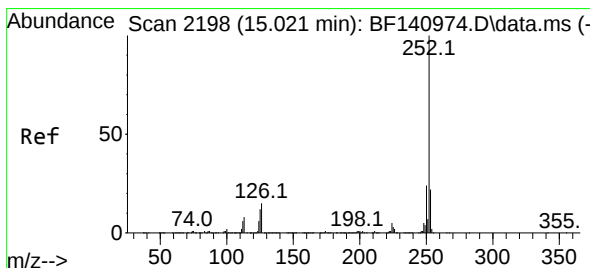
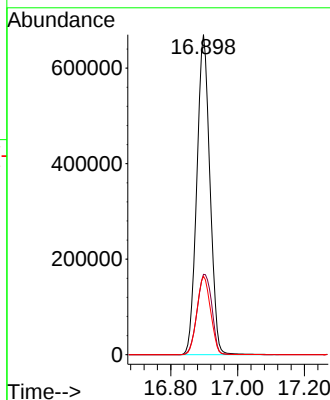
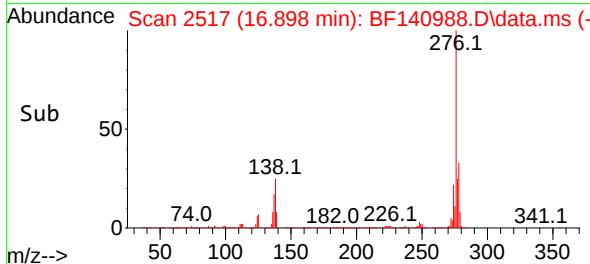
Tgt Ion:276 Resp: 1821640
Ion Ratio Lower Upper
276 100
138 28.2 23.1 34.7
277 25.5 20.4 30.6

Manual Integrations

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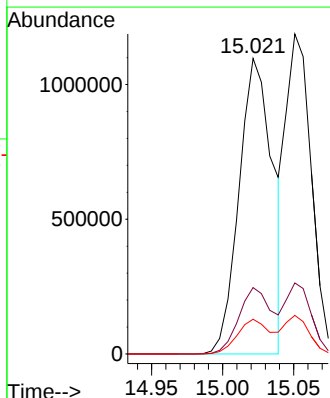
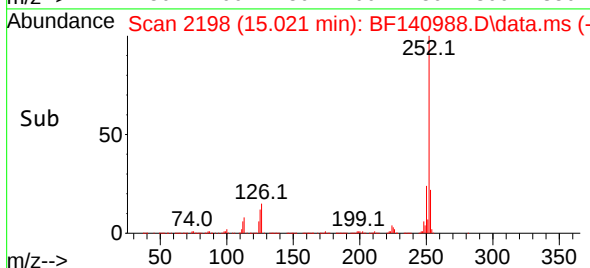
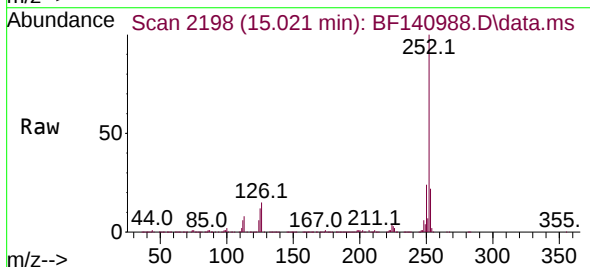
Reviewed By :Yogesh Patel 12/30/2024

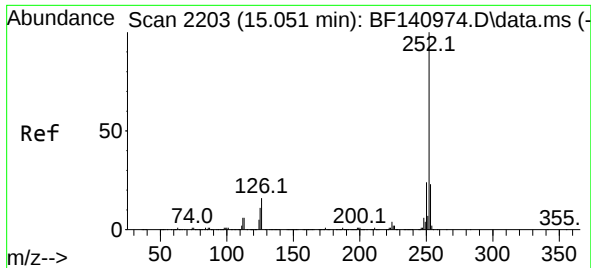
Supervised By :mohammad ahmed 12/30/2024



#88
Benzo(b)fluoranthene
Concen: 48.498 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:252 Resp: 1809211
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.7 9.3 13.9





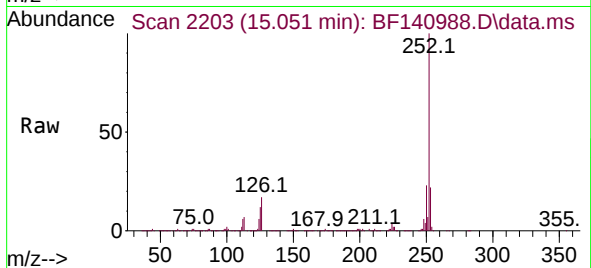
#89
Benzo(k)fluoranthene
Concen: 51.018 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165748BS



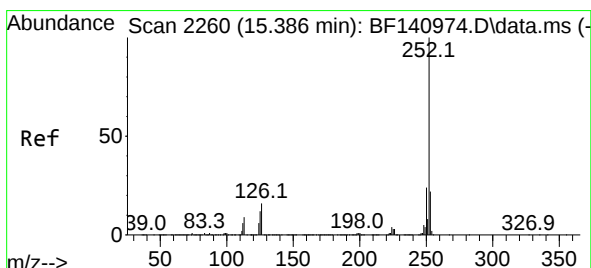
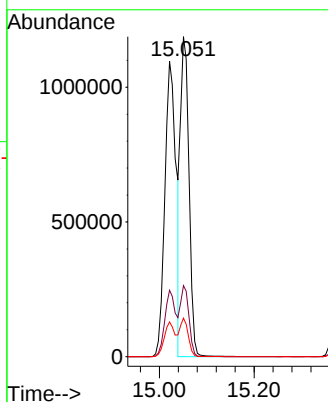
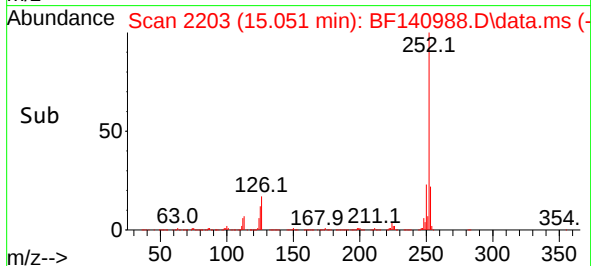
Tgt Ion:252 Resp: 149165
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 12.0 9.4 14.0

Manual Integrations

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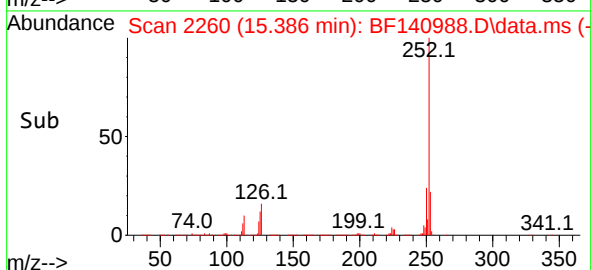
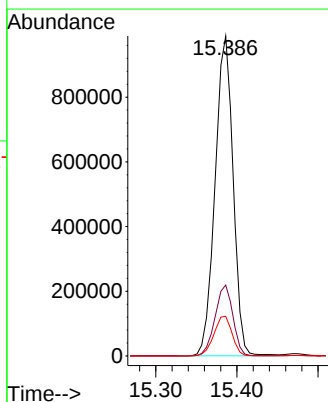
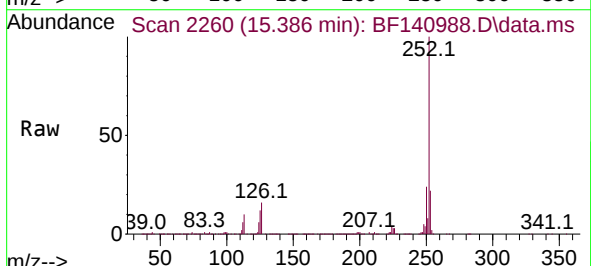
Reviewed By :Yogesh Patel 12/30/2024

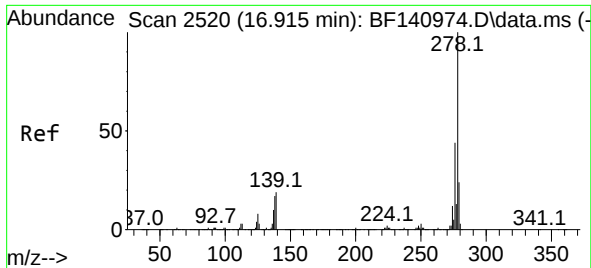
Supervised By :mohammad ahmed 12/30/2024



#90
Benzo(a)pyrene
Concen: 52.752 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:252 Resp: 1527433
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 12.4 9.8 14.8





#91
Dibenzo(a,h)anthracene
Concen: 54.030 ng
RT: 16.921 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Instrument :

BNA_F

ClientSampleId :

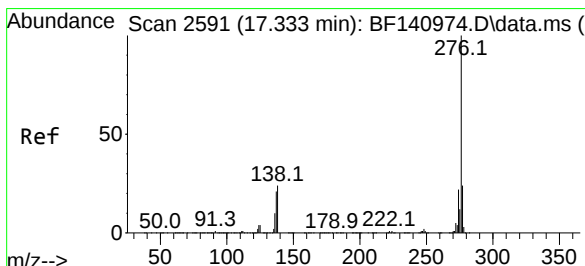
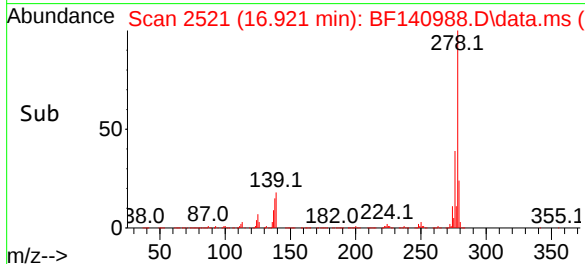
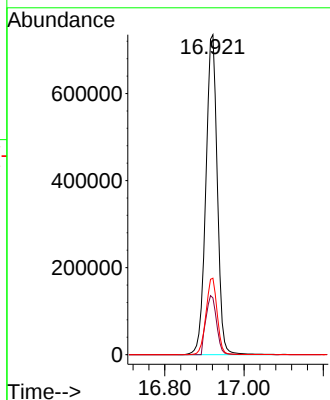
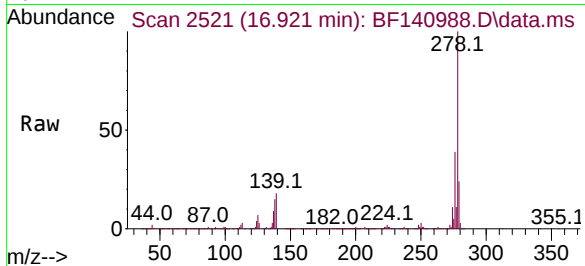
PB165748BS

Tgt Ion:278 Resp: 147589
Ion Ratio Lower Upper
278 100
139 17.8 14.9 22.3
279 23.9 19.0 28.6

Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 48.415 ng
RT: 17.339 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF140988.D
Acq: 27 Dec 2024 11:22

Tgt Ion:276 Resp: 1371691
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 24.3 19.4 29.2

