

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140977.D
 Acq On : 26 Dec 2024 19:25
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

Quant Time: Dec 27 00:27:43 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 00:11:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	256235	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	977409	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	517561	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	905973	20.000	ng	0.00
76) Chrysene-d12	13.992	240	487461	20.000	ng	0.00
86) Perylene-d12	15.445	264	520884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	2368484	139.333	ng	0.00
7) Phenol-d6	6.457	99	3074263	140.390	ng	0.00
23) Nitrobenzene-d5	7.398	82	2604239	170.465	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	822230	163.492	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	4166122	128.248	ng	0.00
79) Terphenyl-d14	12.939	244	4715646	160.683	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	572464	74.386	ng	100
3) Pyridine	3.305	79	1340918	71.297	ng	100
4) n-Nitrosodimethylamine	3.263	42	724146	75.991	ng	100
6) Aniline	6.534	93	1154312m	59.104	ng	
8) 2-Chlorophenol	6.616	128	1257135	70.145	ng	99
10) Phenol	6.475	94	1587534	70.111	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	1392292m	76.224	ng	
12) 1,3-Dichlorobenzene	6.775	146	1375754	69.557	ng	99
13) 1,4-Dichlorobenzene	6.851	146	1392839	69.856	ng	100
14) 1,2-Dichlorobenzene	7.004	146	1265701	68.084	ng	99
15) Benzyl Alcohol	6.975	79	1122638	71.342	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1929216	69.775	ng	99
17) 2-Methylphenol	7.081	107	1092114	73.350	ng	99
18) Hexachloroethane	7.345	117	520192	73.443	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	941090	70.150	ng	99
20) 3+4-Methylphenols	7.240	107	1265999	67.191	ng	# 85
22) Acetophenone	7.245	105	1646630	68.675	ng	# 95
24) Nitrobenzene	7.422	77	1399699	81.994	ng	97
25) Isophorone	7.657	82	2454830	73.842	ng	99
26) 2-Nitrophenol	7.728	139	593981	80.829	ng	96
27) 2,4-Dimethylphenol	7.763	122	900268	74.098	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	1499425	71.188	ng	99
29) 2,4-Dichlorophenol	7.969	162	1033455	74.999	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	1119798	71.799	ng	100
31) Naphthalene	8.140	128	3488407	67.732	ng	99
32) Benzoic acid	7.898	122	869866	80.749	ng	99
33) 4-Chloroaniline	8.192	127	1373750	73.729	ng	100
34) Hexachlorobutadiene	8.251	225	663193	72.129	ng	99
35) Caprolactam	8.569	113	369167	78.800	ng	100
36) 4-Chloro-3-methylphenol	8.657	107	1144506	74.790	ng	98
37) 2-Methylnaphthalene	8.822	142	2270301	68.904	ng	100
38) 1-Methylnaphthalene	8.922	142	2231397	68.910	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	1015621	71.328	ng	100
41) Hexachlorocyclopentadiene	8.975	237	373217	79.096	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	733660	77.418	ng	100
44) 2,4,5-Trichlorophenol	9.134	196	735644	75.868	ng	100

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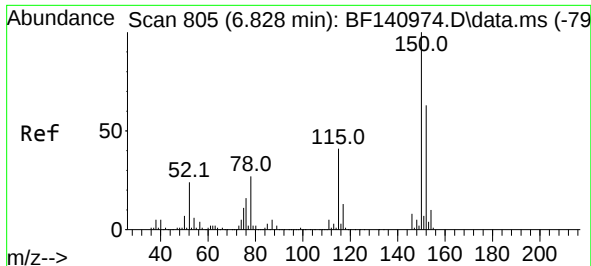
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.292	154	2671996	67.425	ng	99
47) 2-Chloronaphthalene	9.316	162	2134444	69.446	ng	99
48) 2-Nitroaniline	9.404	65	672379	80.177	ng	97
49) Acenaphthylene	9.728	152	3058781	69.133	ng	98
50) Dimethylphthalate	9.592	163	2454844	72.109	ng	99
51) 2,6-Dinitrotoluene	9.651	165	571642	79.723	ng	100
52) Acenaphthene	9.904	154	2125174	71.048	ng	99
53) 3-Nitroaniline	9.822	138	618458	79.606	ng	# 94
54) 2,4-Dinitrophenol	9.922	184	217487	79.264	ng	# 1
55) Dibenzofuran	10.075	168	2876315	68.424	ng	99
56) 4-Nitrophenol	9.969	139	520450	89.372	ng	97
57) 2,4-Dinitrotoluene	10.051	165	704156	79.614	ng	97
58) Fluorene	10.416	166	2204698	67.635	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	624965	77.824	ng	99
60) Diethylphthalate	10.292	149	2431548	72.349	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	1077930	68.724	ng	98
62) 4-Nitroaniline	10.439	138	622110	80.074	ng	97
63) Azobenzene	10.569	77	2525786	71.600	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	323476	81.463	ng	98
66) n-Nitrosodiphenylamine	10.528	169	2022411	70.890	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	713807	72.884	ng	99
68) Hexachlorobenzene	10.963	284	798823	73.971	ng	99
70) Pentachlorophenol	11.151	266	559728	83.248	ng	100
71) Phenanthrene	11.375	178	3286287	68.921	ng	99
72) Anthracene	11.428	178	3204142	68.578	ng	99
73) Carbazole	11.580	167	3104460	69.118	ng	99
74) Di-n-butylphthalate	11.916	149	3587776	70.229	ng	99
75) Fluoranthene	12.563	202	3500378	67.687	ng	99
77) Benzidine	12.680	184	783695	76.072	ng	99
78) Pyrene	12.792	202	3514654	82.441	ng	99
80) Butylbenzylphthalate	13.416	149	1323506	85.018	ng	98
81) Benzo(a)anthracene	13.980	228	2440118	71.825	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	735658	72.073	ng	99
83) Chrysene	14.016	228	2321200	75.793	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1545595	76.541	ng	100
85) Di-n-octyl phthalate	14.598	149	2322268	79.458	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	2898446	88.322	ng	99
88) Benzo(b)fluoranthene	15.027	252	2657521	73.152	ng	100
89) Benzo(k)fluoranthene	15.057	252	1897702	66.649	ng	100
90) Benzo(a)pyrene	15.392	252	2098162	74.410	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	2334266	87.749	ng	99
92) Benzo(g,h,i)perylene	17.351	276	2487019	90.139	ng	99

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



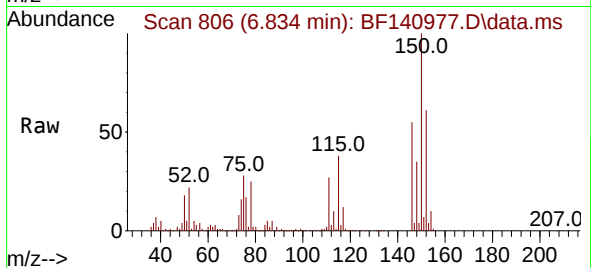
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 805
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

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BNA_F

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SSTDICC080



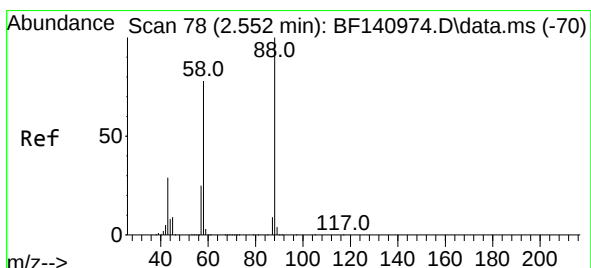
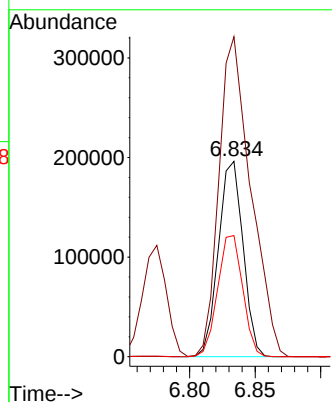
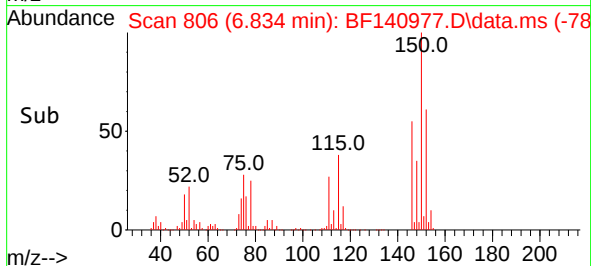
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Ion Ratio Lower Upper
152 100
150 163.7 127.0 190.6
115 62.0 51.7 77.5

Manual Integrations

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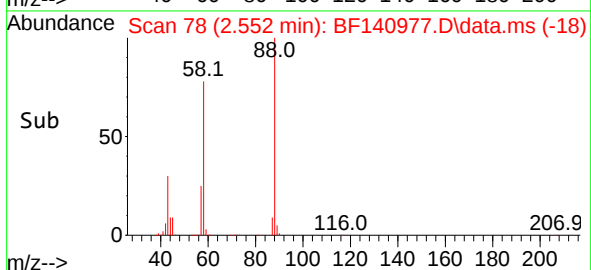
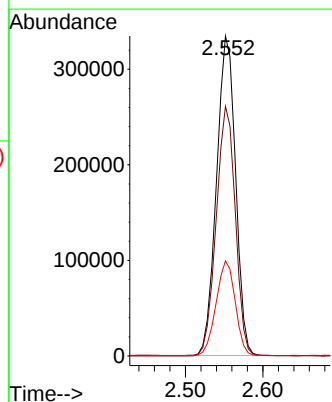
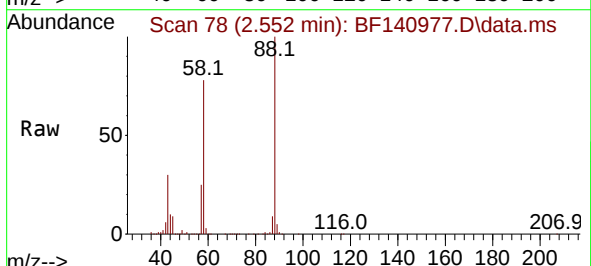
Reviewed By :Yogesh Patel 12/27/2024

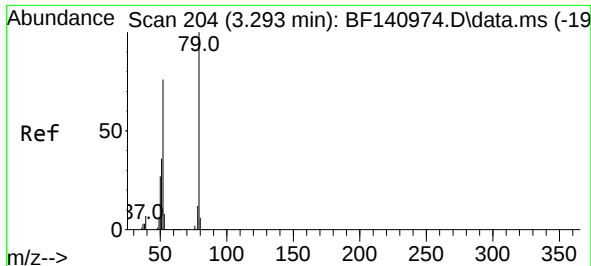
Supervised By :mohammad ahmed 12/27/2024



#2
1,4-Dioxane
Concen: 74.386 ng
RT: 2.552 min Scan# 78
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

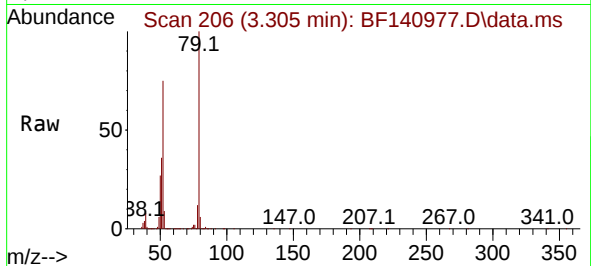
Tgt Ion: 88 Resp: 572464
Ion Ratio Lower Upper
88 100
58 78.4 63.0 94.4
43 29.7 23.4 35.2





#3
Pyridine
Concen: 71.297 ng
RT: 3.305 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

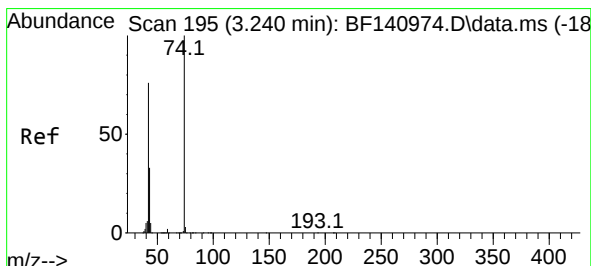
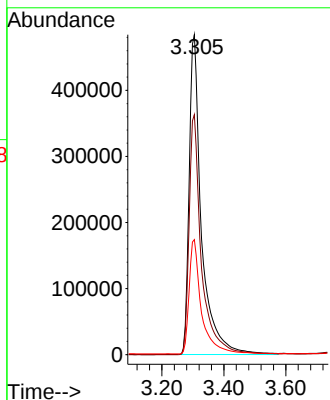
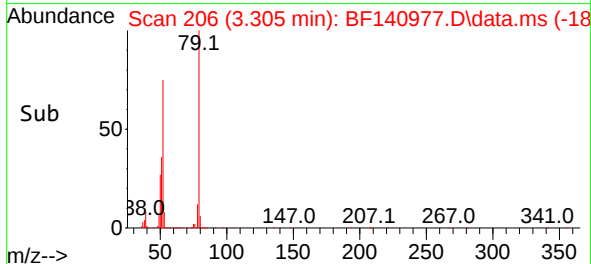
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 1340918
Ion Ratio Lower Upper
79 100
52 75.0 60.4 90.6
51 36.0 28.8 43.2

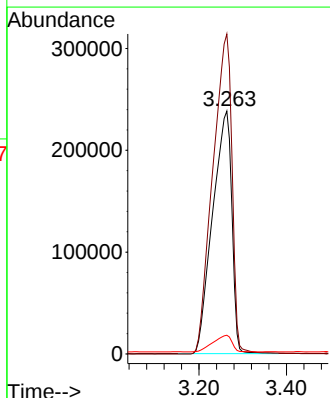
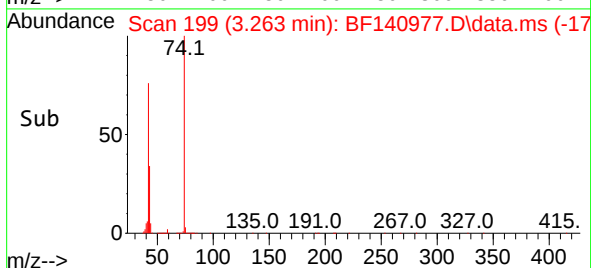
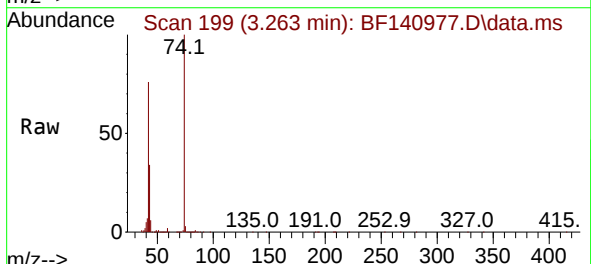
Manual Integrations
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Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#4
n-Nitrosodimethylamine
Concen: 75.991 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.024 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion: 42 Resp: 724146
Ion Ratio Lower Upper
42 100
74 131.8 105.8 158.6
44 7.7 6.6 10.0





#5
2-Fluorophenol
Concen: 139.333 ng
RT: 5.440 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

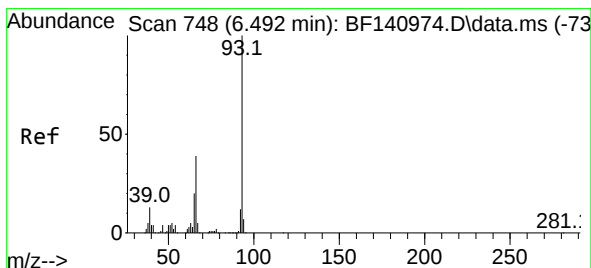
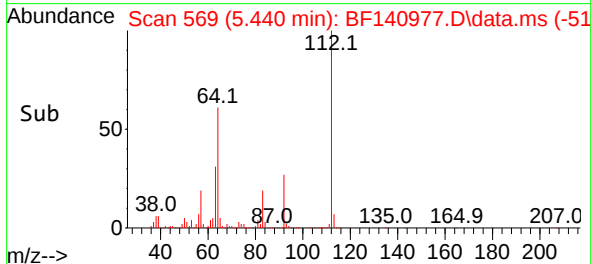
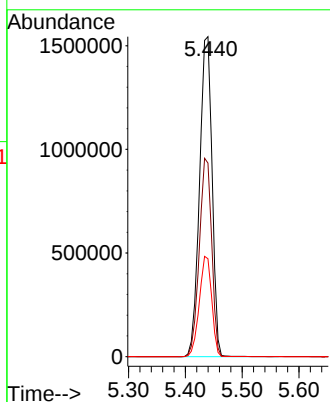
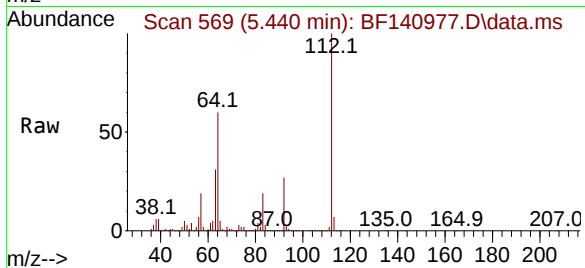
Tgt Ion:112 Resp: 2368484
Ion Ratio Lower Upper
112 100
64 60.5 47.7 71.5
63 30.6 24.2 36.2

Manual Integrations

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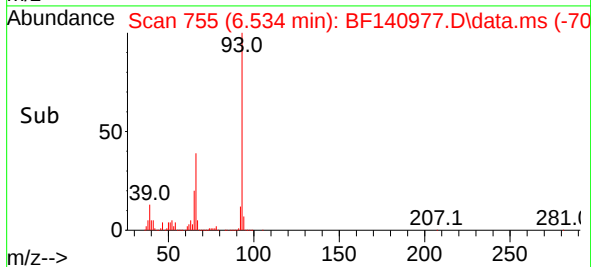
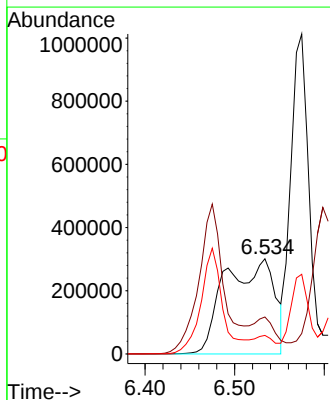
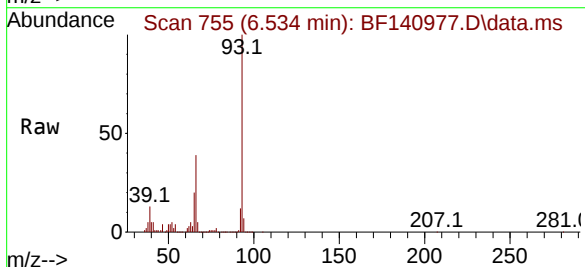
Reviewed By :Yogesh Patel 12/27/2024

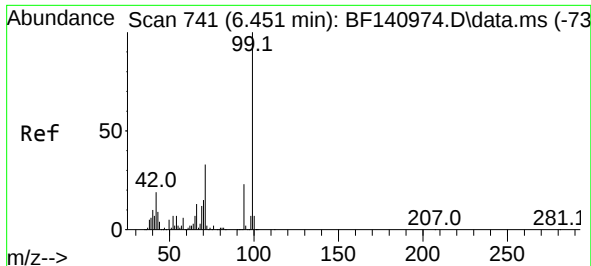
Supervised By :mohammad ahmed 12/27/2024



#6
Aniline
Concen: 59.104 ng m
RT: 6.534 min Scan# 755
Delta R.T. 0.024 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion: 93 Resp: 1154312
Ion Ratio Lower Upper
93 100
66 38.8 31.8 47.8
65 19.6 15.4 23.0





#7

Phenol-d6

Concen: 140.390 ng

RT: 6.457 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 99 Resp: 307426

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

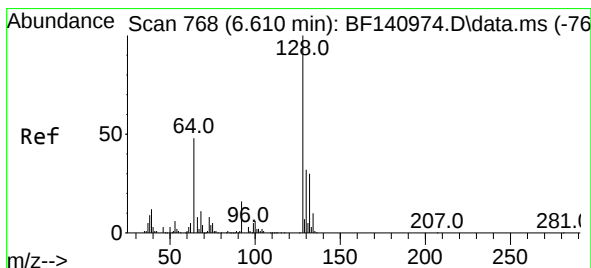
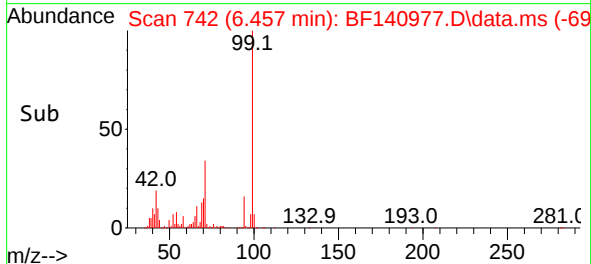
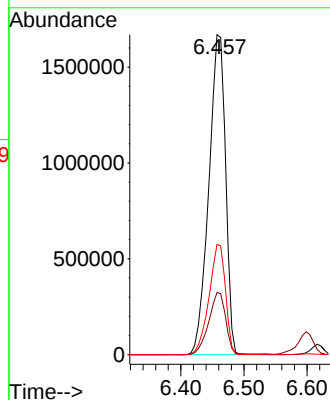
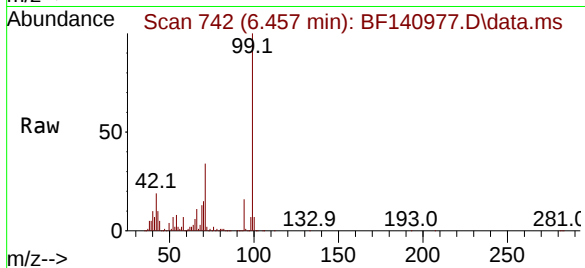
71 34.5 26.2 39.2

Manual Integrations

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Supervised By :mohammad ahmed 12/27/2024



#8

2-Chlorophenol

Concen: 70.145 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

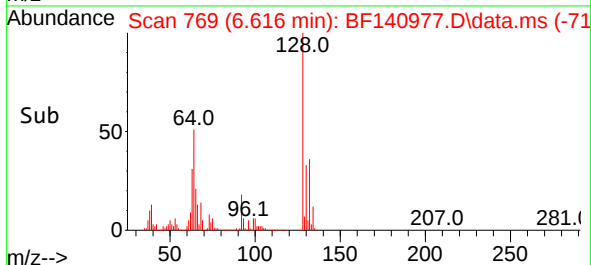
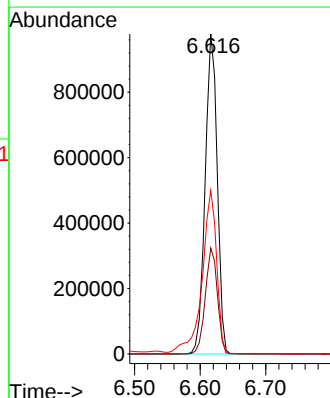
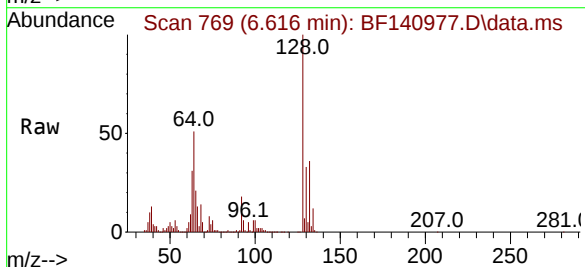
Tgt Ion:128 Resp: 1257135

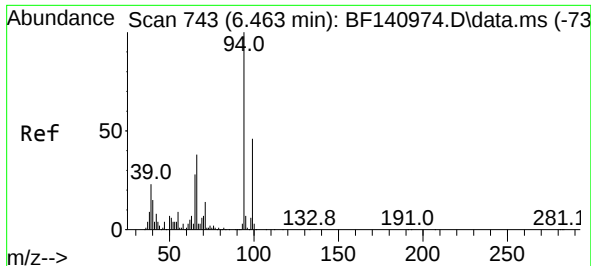
Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

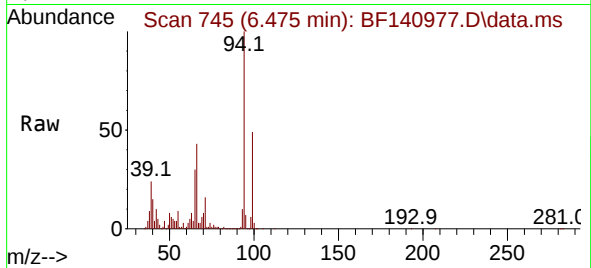
64 51.2 30.3 70.3





#10
Phenol
Concen: 70.111 ng
RT: 6.475 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

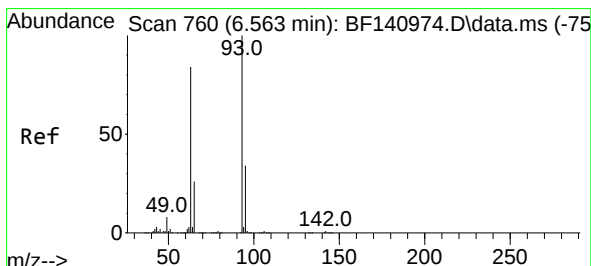
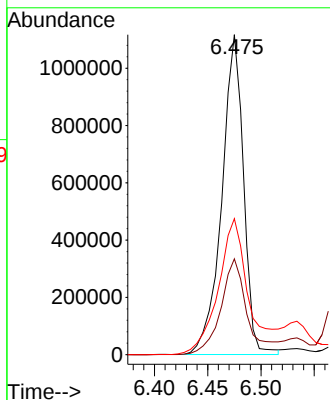
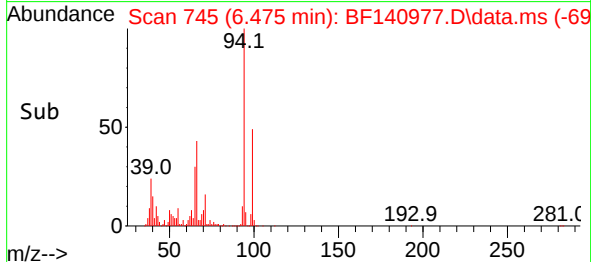
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 94 Resp: 1587534
Ion Ratio Lower Upper
94 100
65 29.9 8.1 48.1
66 42.5 18.7 58.7

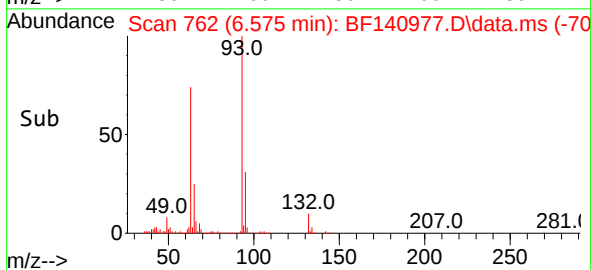
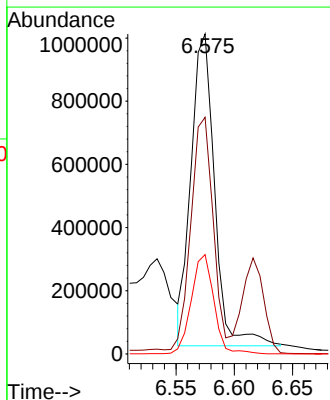
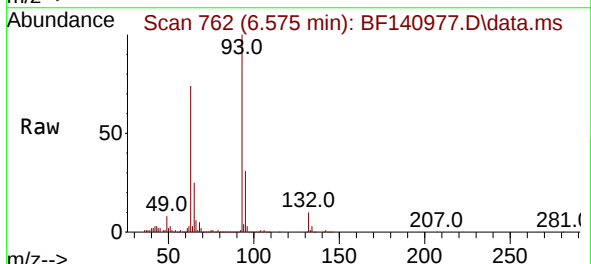
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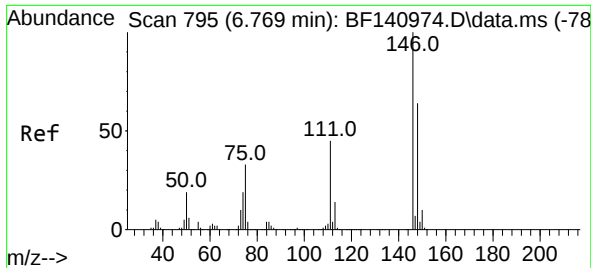
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#11
bis(2-Chloroethyl)ether
Concen: 76.224 ng m
RT: 6.575 min Scan# 762
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion: 93 Resp: 1392292
Ion Ratio Lower Upper
93 100
63 74.0 60.3 100.3
95 31.0 12.2 52.2





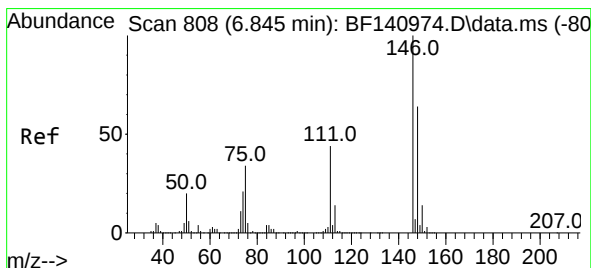
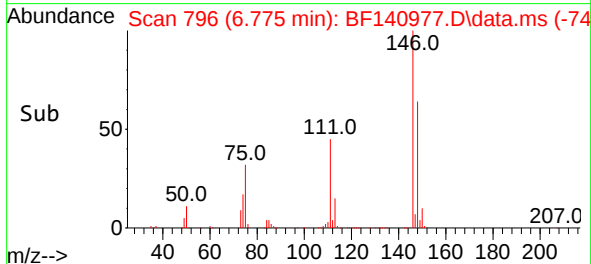
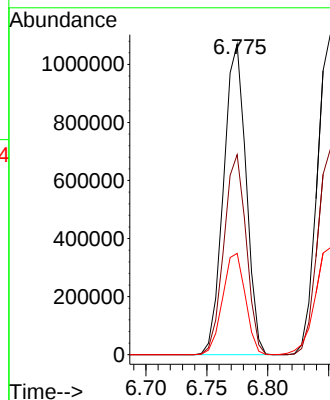
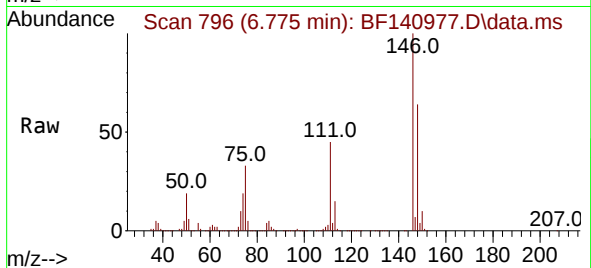
#12
1,3-Dichlorobenzene
Concen: 69.557 ng
RT: 6.775 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 1375754
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 32.6 26.1 39.1

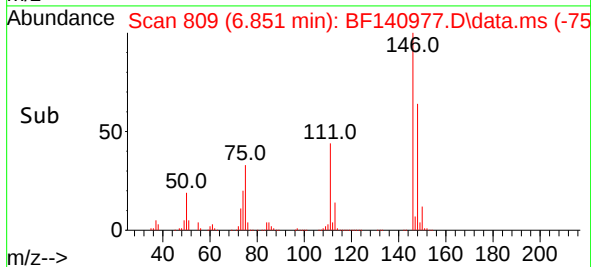
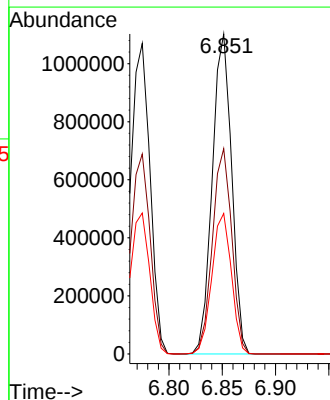
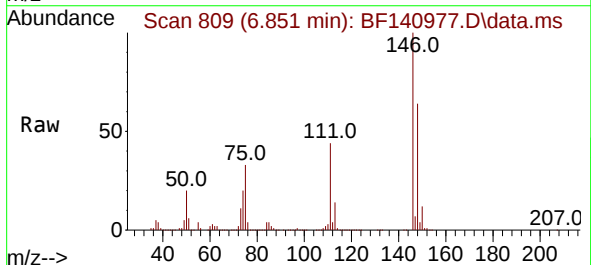
Manual Integrations
APPROVED

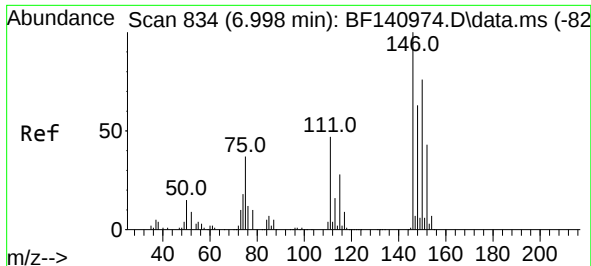
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#13
1,4-Dichlorobenzene
Concen: 69.856 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:146 Resp: 1392839
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 43.9 35.3 52.9





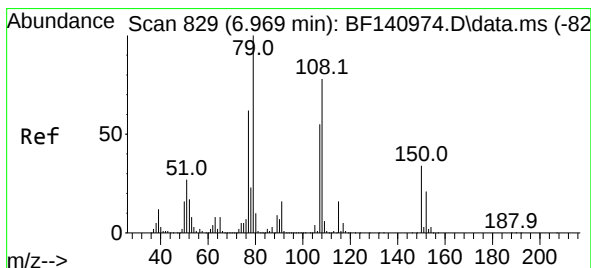
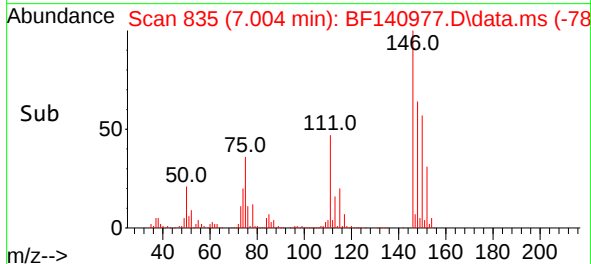
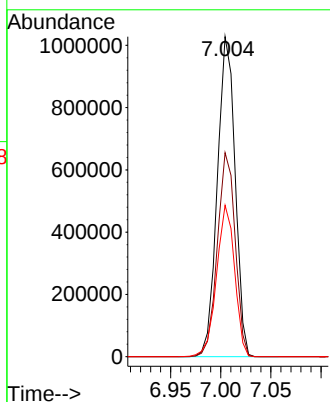
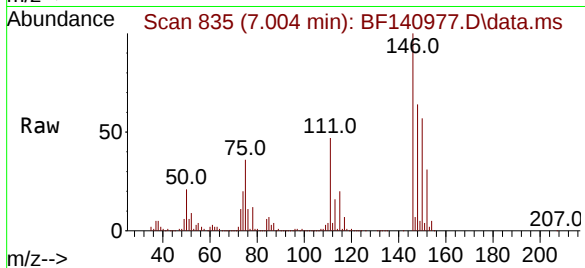
#14
1,2-Dichlorobenzene
Concen: 68.084 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 126570
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 47.3 37.3 55.9

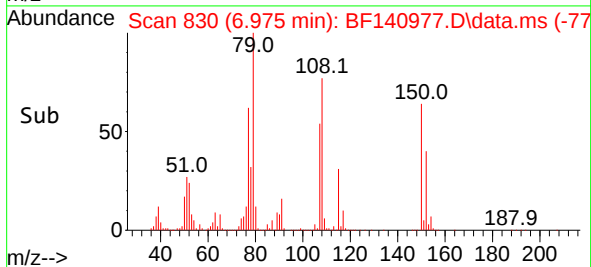
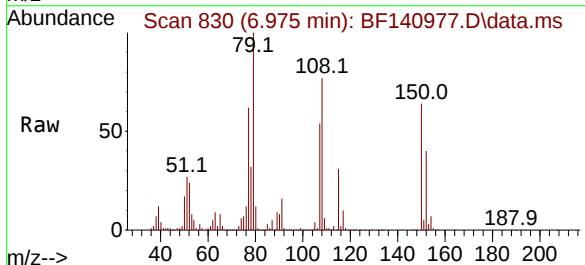
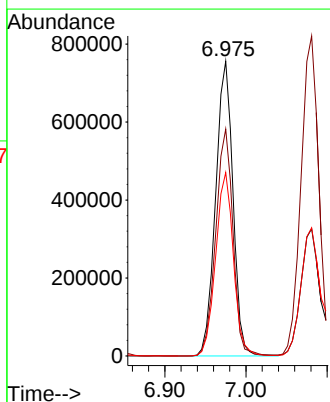
Manual Integrations
APPROVED

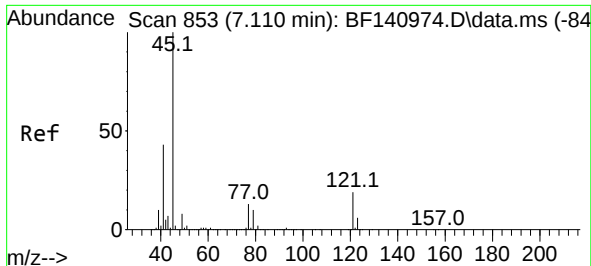
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#15
Benzyl Alcohol
Concen: 71.342 ng
RT: 6.975 min Scan# 830
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion: 79 Resp: 1122638
Ion Ratio Lower Upper
79 100
108 77.0 62.5 93.7
77 62.2 49.3 73.9





#16
2,2'-oxybis(1-Chloropropane)
Concen: 69.775 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

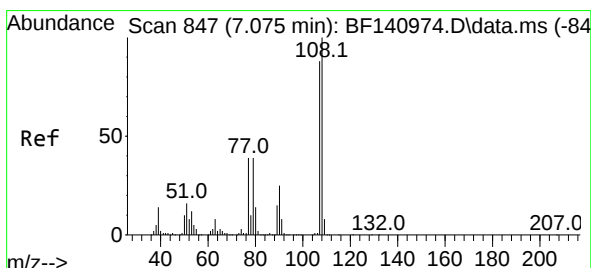
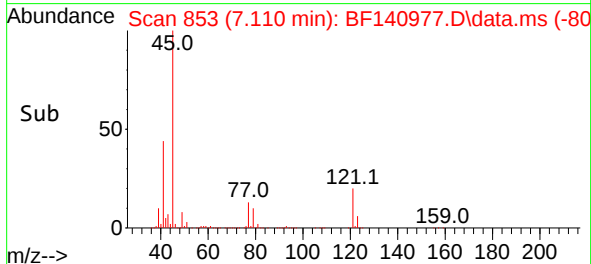
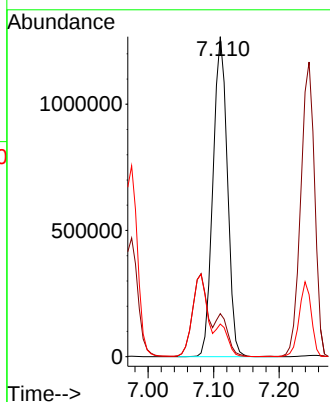
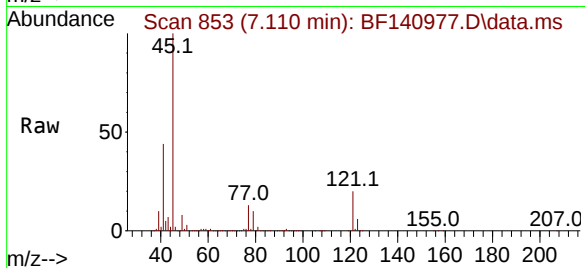
SSTDICC080

Tgt Ion: 45 Resp: 1929210
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.1
79 10.2 0.0 30.1

Manual Integrations

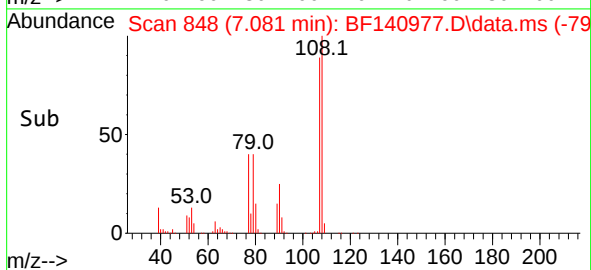
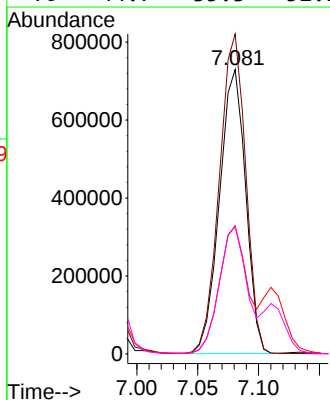
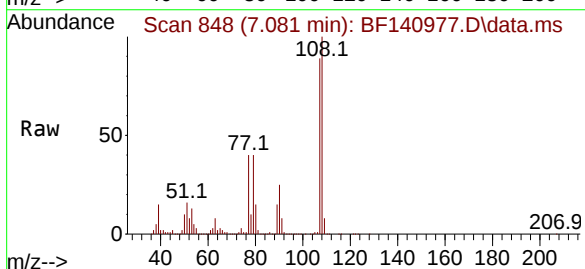
APPROVED

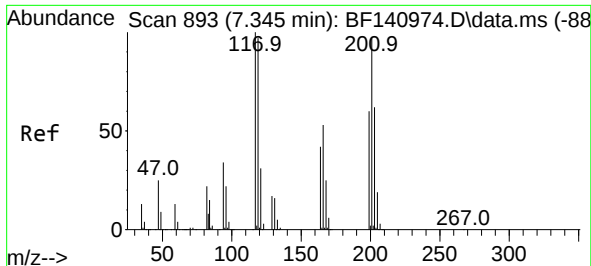
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#17
2-Methylphenol
Concen: 73.350 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:107 Resp: 1092114
Ion Ratio Lower Upper
107 100
108 112.5 90.6 136.0
77 45.1 35.3 52.9
79 44.7 35.3 52.9





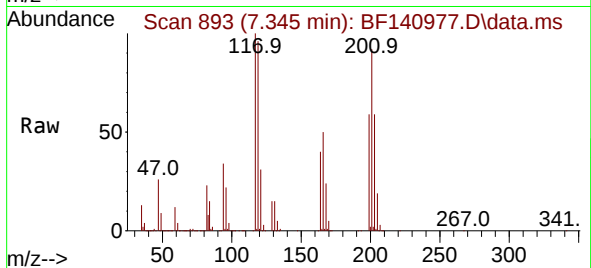
#18
Hexachloroethane
Concen: 73.443 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

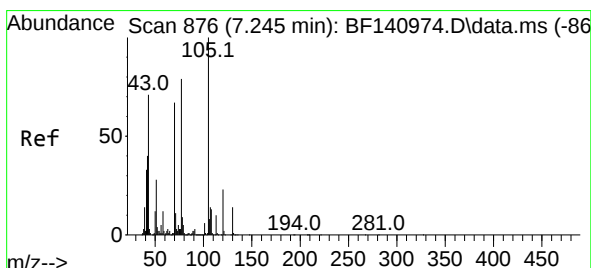
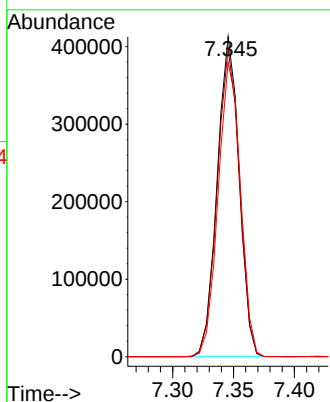
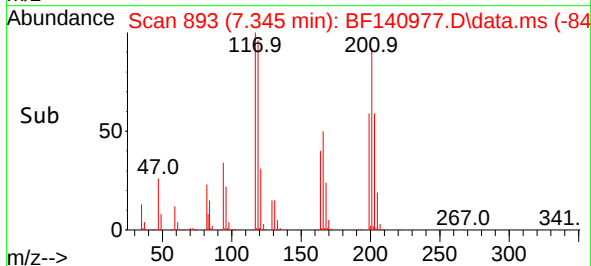


Tgt Ion:117 Resp: 520192
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
201 92.1 77.4 116.2

Manual Integrations

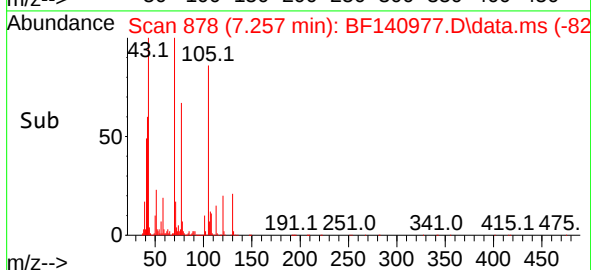
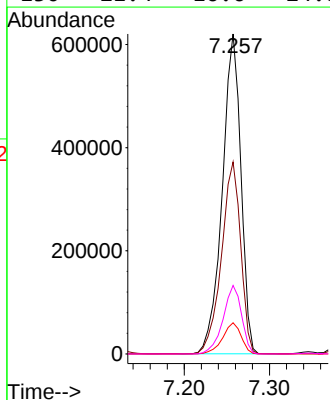
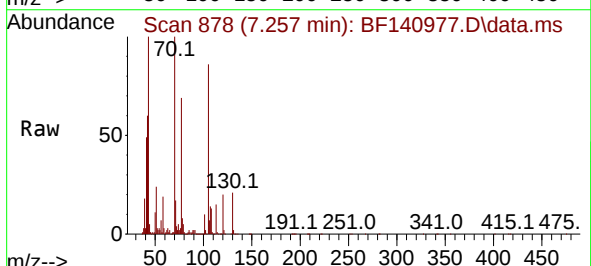
APPROVED

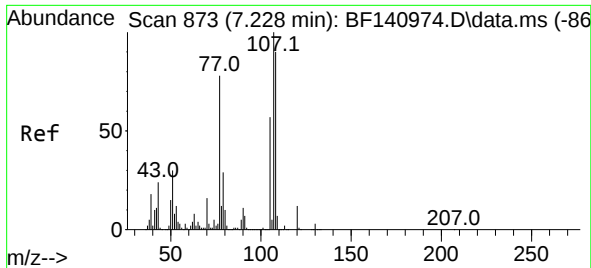
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#19
n-Nitroso-di-n-propylamine
Concen: 70.150 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion: 70 Resp: 941090
Ion Ratio Lower Upper
70 100
42 60.0 48.1 72.1
101 9.8 7.6 11.4
130 21.4 16.6 24.8





#20
3+4-Methylphenols
Concen: 67.191 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

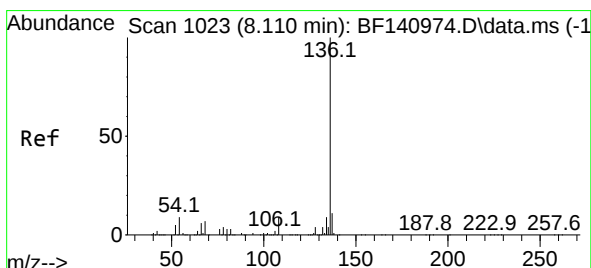
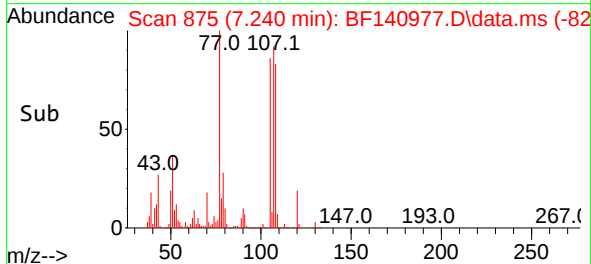
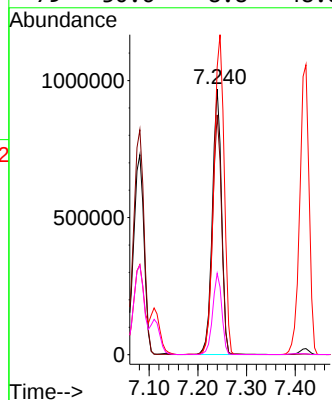
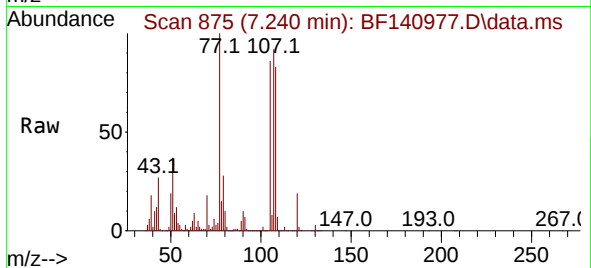
Tgt Ion:107 Resp: 126599
Ion Ratio Lower Upper
107 100
108 90.3 69.6 109.6
77 108.2 57.6 97.6
79 30.6 8.8 48.8

Manual Integrations

APPROVED

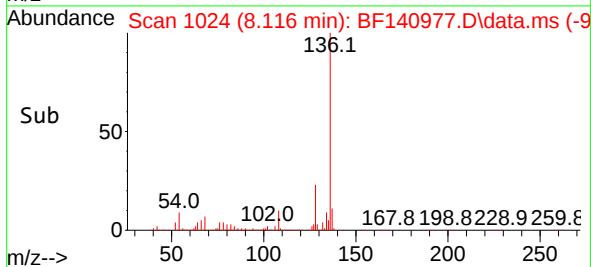
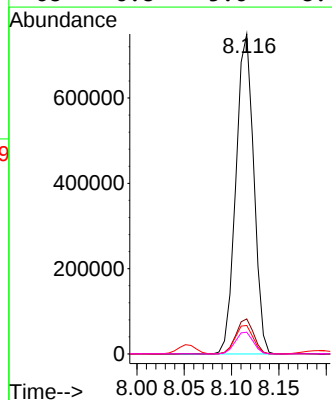
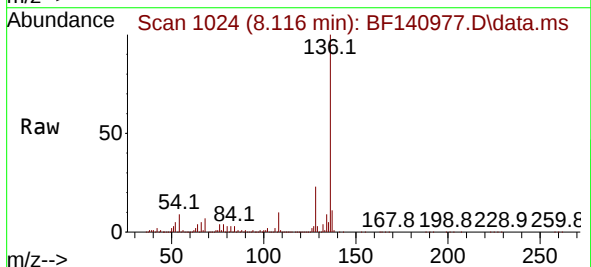
Reviewed By :Yogesh Patel 12/27/2024

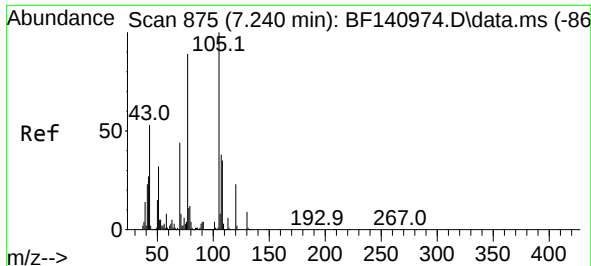
Supervised By :mohammad ahmed 12/27/2024



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

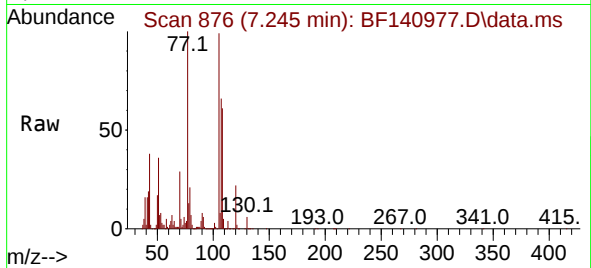
Tgt Ion:136 Resp: 977409
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.9 7.6 11.4
68 6.8 5.6 8.4





#22
Acetophenone
Concen: 68.675 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

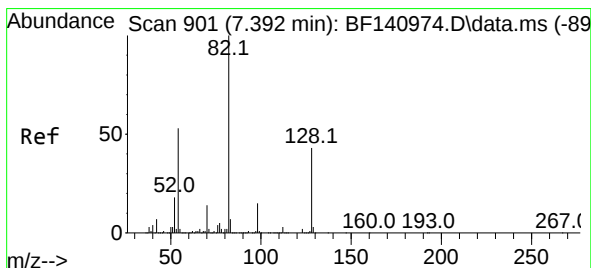
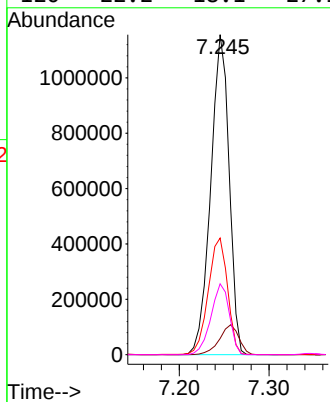
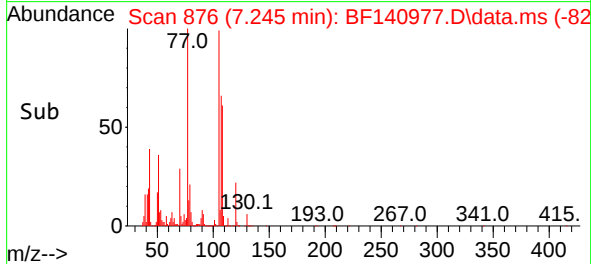
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



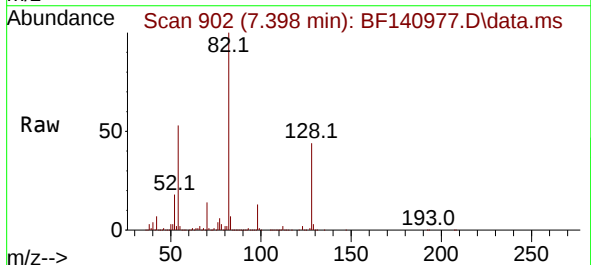
Tgt Ion:105 Resp: 1646630
Ion Ratio Lower Upper
105 100
71 5.0 6.1 9.1
51 36.5 25.8 38.6
120 22.2 18.1 27.1

Manual Integrations
APPROVED

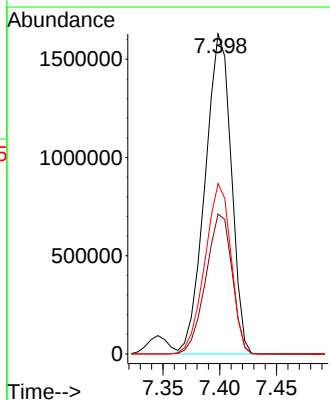
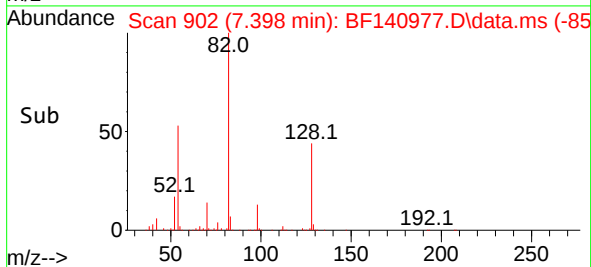
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

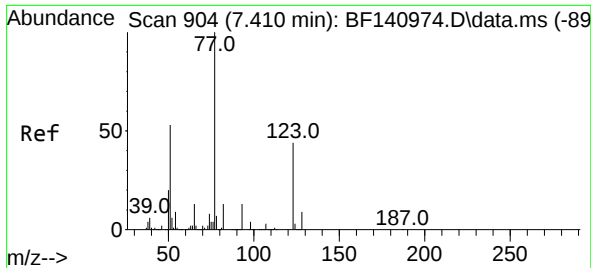


#23
Nitrobenzene-d5
Concen: 170.465 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



Tgt Ion: 82 Resp: 2604239
Ion Ratio Lower Upper
82 100
128 43.7 34.4 51.6
54 53.3 42.4 63.6





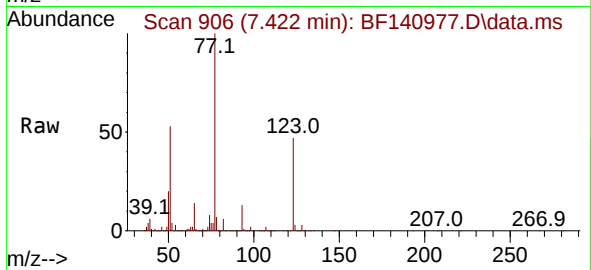
#24
Nitrobenzene
Concen: 81.994 ng
RT: 7.422 min Scan# 904
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



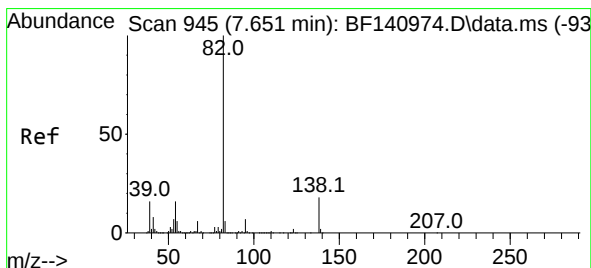
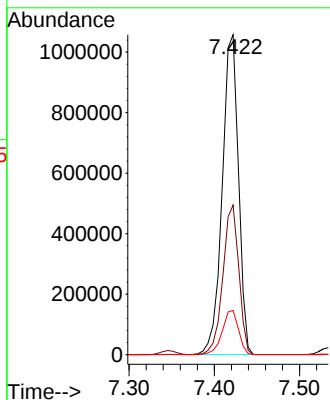
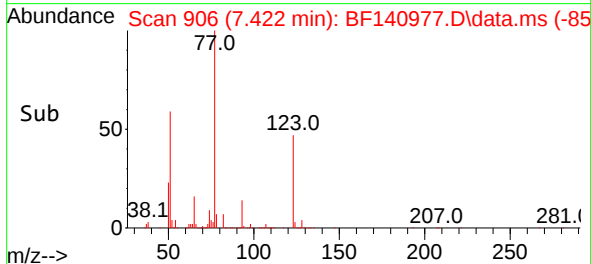
Tgt Ion: 77 Resp: 1399699
Ion Ratio Lower Upper
77 100
123 46.8 35.4 53.2
65 13.9 10.7 16.1

Manual Integrations

APPROVED

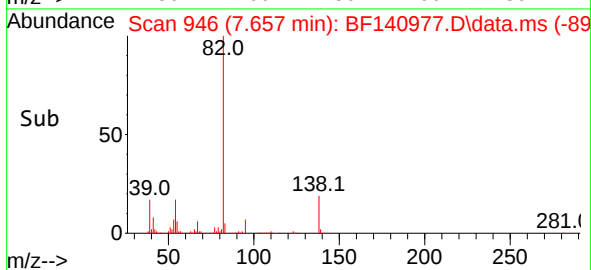
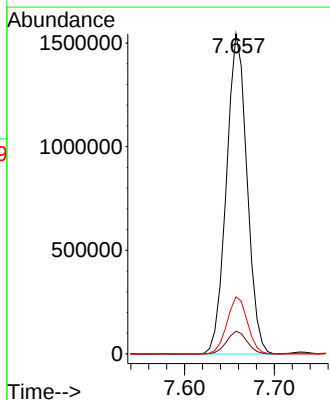
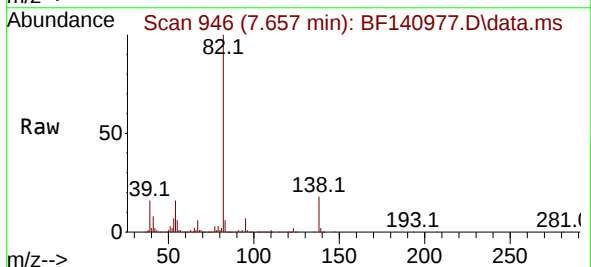
Reviewed By :Yogesh Patel 12/27/2024

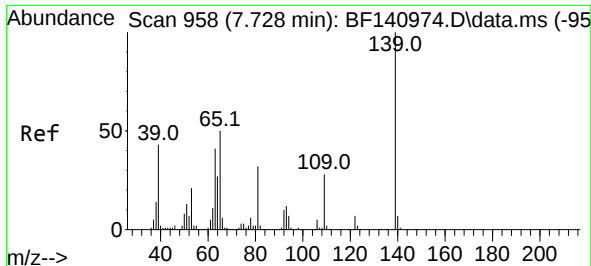
Supervised By :mohammad ahmed 12/27/2024



#25
Isophorone
Concen: 73.842 ng
RT: 7.657 min Scan# 946
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion: 82 Resp: 2454830
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.8 14.6 21.8





#26
2-Nitrophenol
Concen: 80.829 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

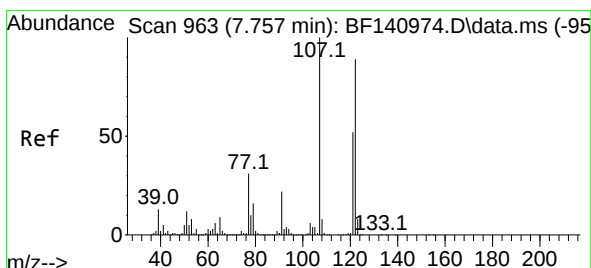
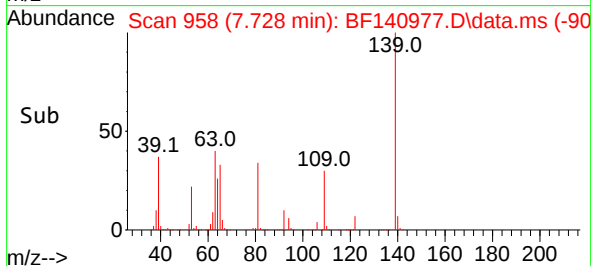
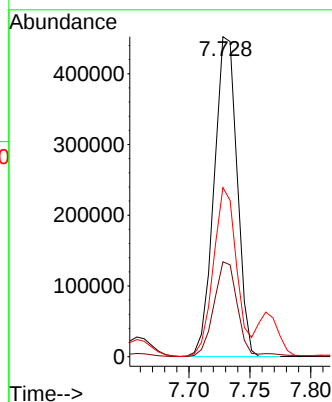
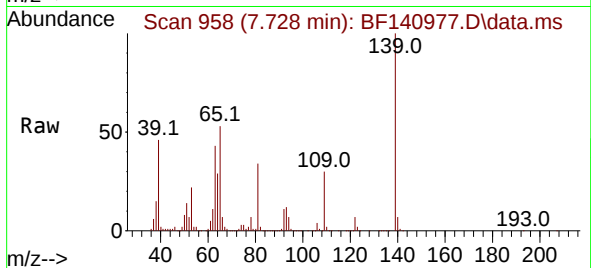
ClientSampleId :

SSTDICC080

Tgt Ion:139 Resp: 59398
Ion Ratio Lower Upper
139 100
109 29.7 22.2 33.4
65 52.9 40.2 60.4

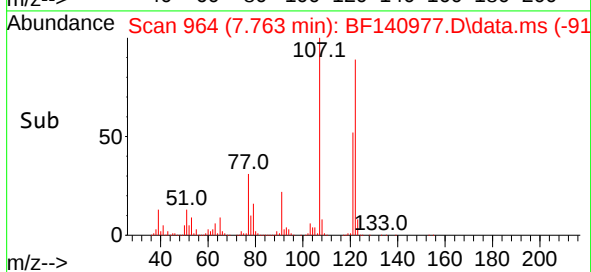
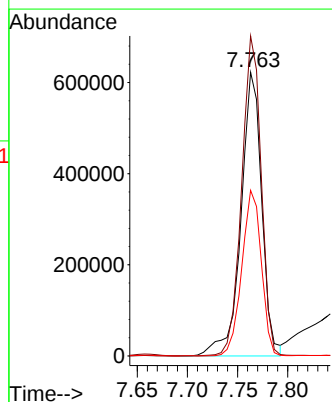
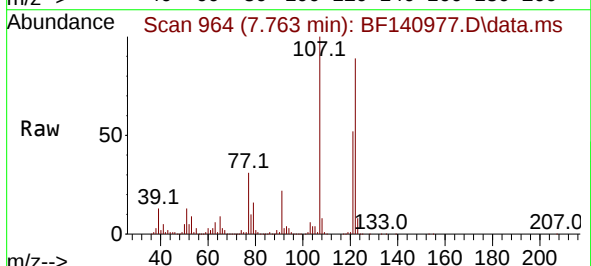
Manual Integrations
APPROVED

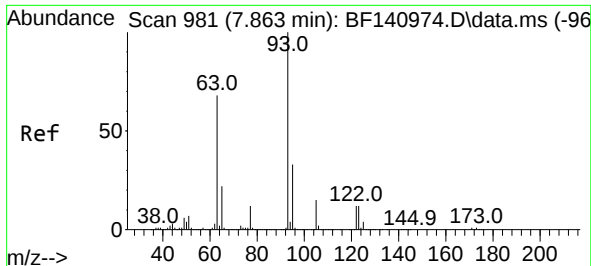
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#27
2,4-Dimethylphenol
Concen: 74.098 ng
RT: 7.763 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:122 Resp: 900268
Ion Ratio Lower Upper
122 100
107 112.8 89.4 134.2
121 58.4 46.7 70.1





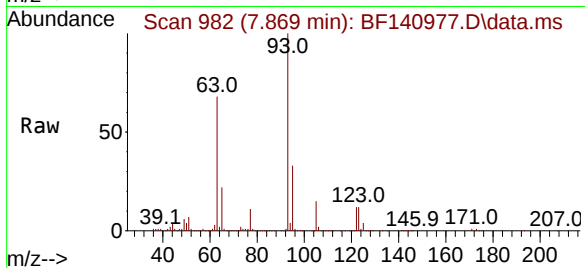
#28
bis(2-Chloroethoxy)methane
Concen: 71.188 ng
RT: 7.869 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

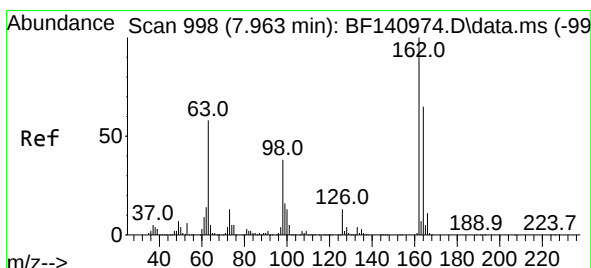
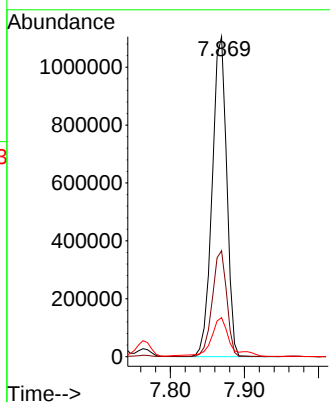
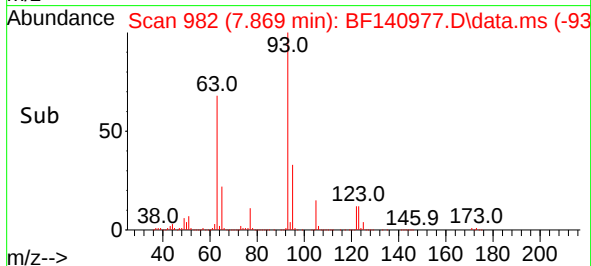


Tgt Ion: 93 Resp: 1499425
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.4
123 12.2 9.9 14.9

Manual Integrations

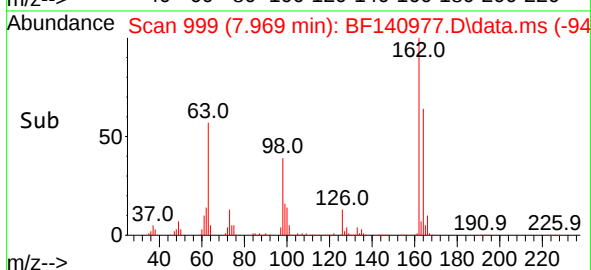
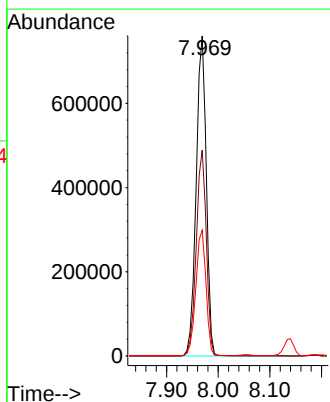
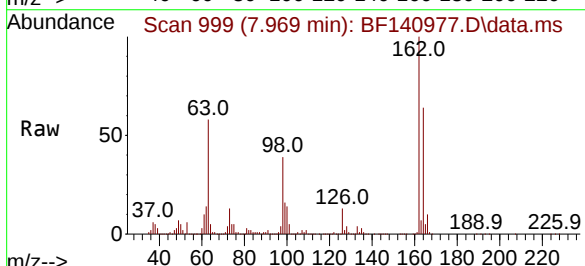
APPROVED

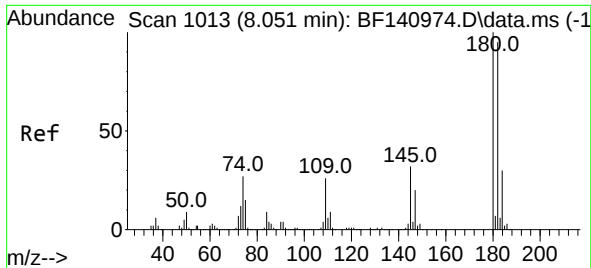
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#29
2,4-Dichlorophenol
Concen: 74.999 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:162 Resp: 1033455
Ion Ratio Lower Upper
162 100
164 64.3 44.8 84.8
98 39.3 18.6 58.6





#30
1,2,4-Trichlorobenzene
Concen: 71.799 ng
RT: 8.057 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

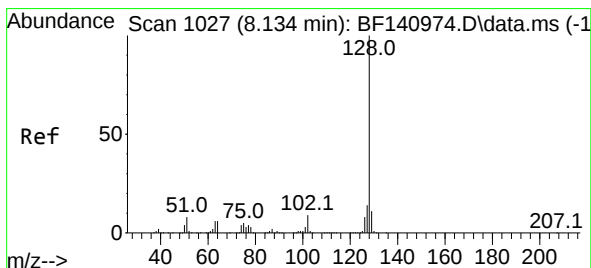
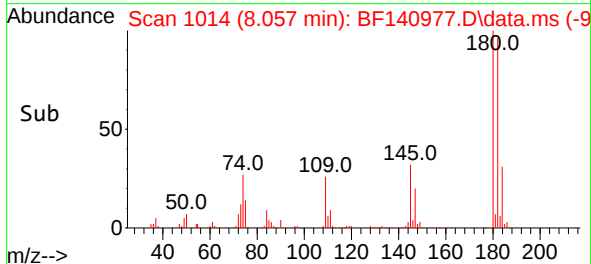
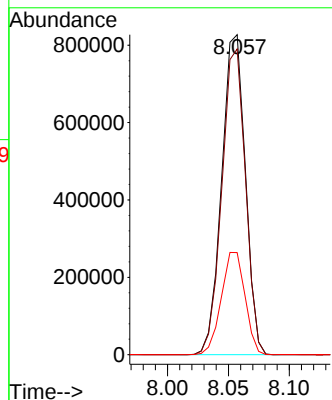
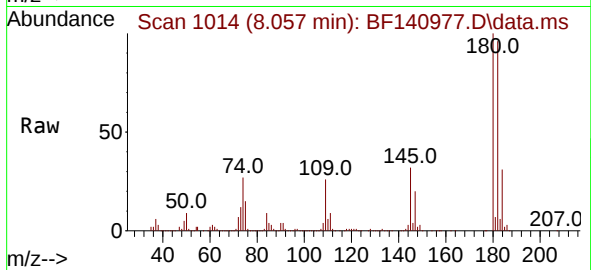
SSTDICC080

Tgt Ion:180 Resp: 1119798
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.4
145 31.9 25.4 38.2

Manual Integrations

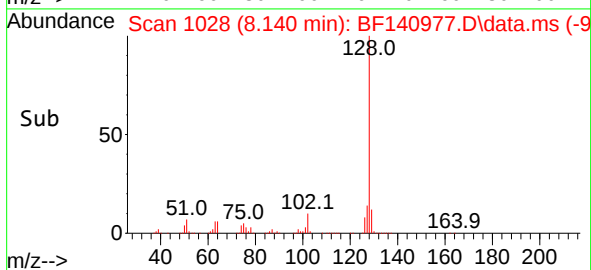
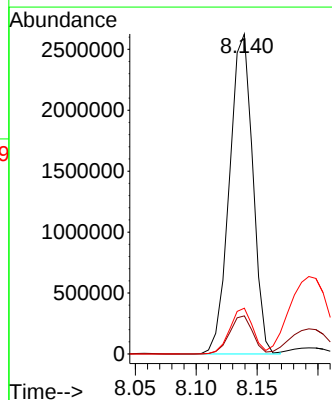
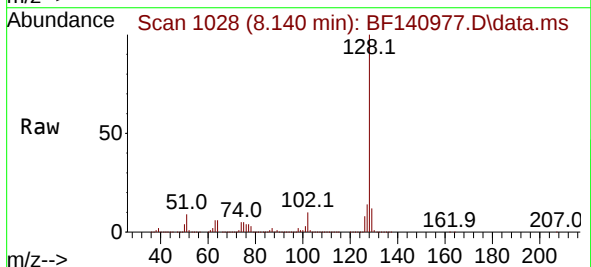
APPROVED

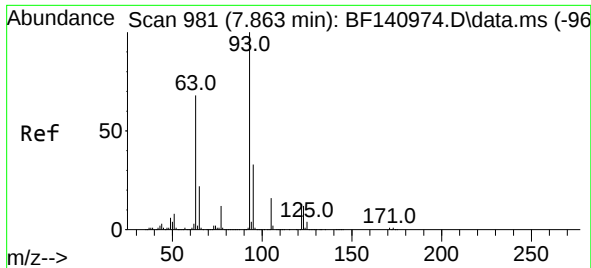
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#31
Naphthalene
Concen: 67.732 ng
RT: 8.140 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

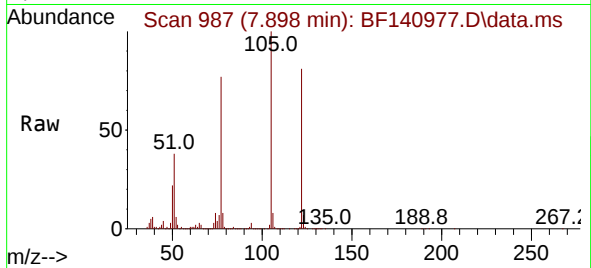
Tgt Ion:128 Resp: 3488407
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 14.3 11.0 16.4





#32
Benzoic acid
Concen: 80.749 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

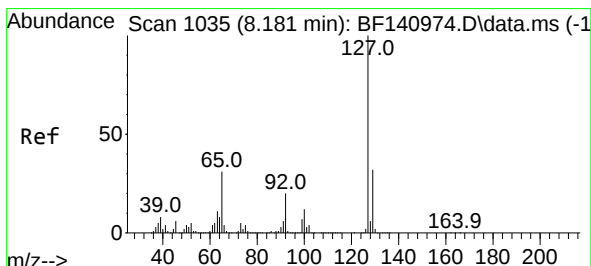
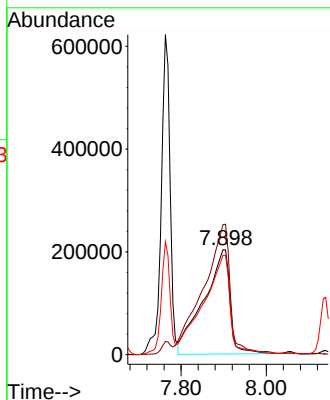
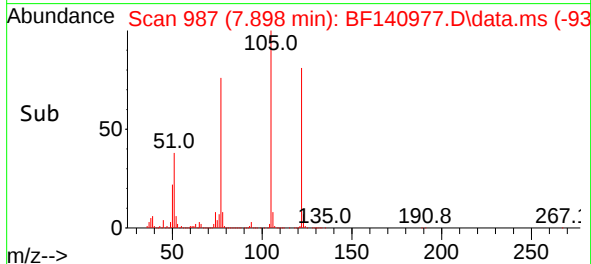
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



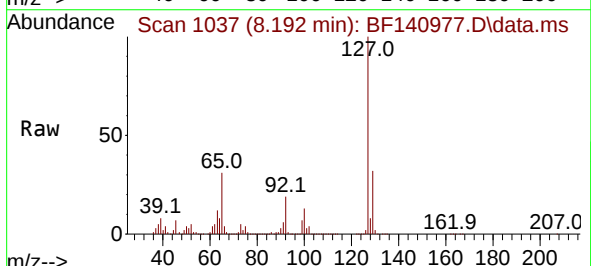
Tgt Ion:122 Resp: 869860
Ion Ratio Lower Upper
122 100
105 123.9 105.4 145.4
77 94.9 76.4 116.4

Manual Integrations
APPROVED

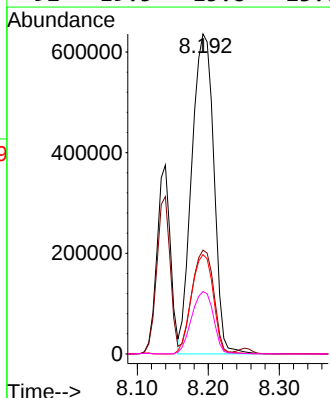
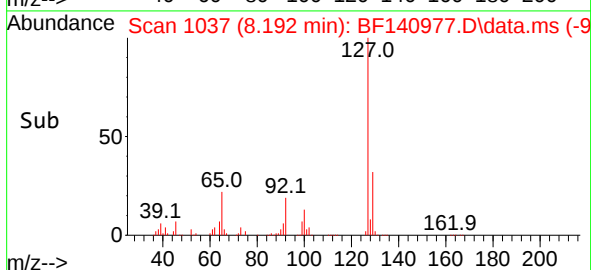
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

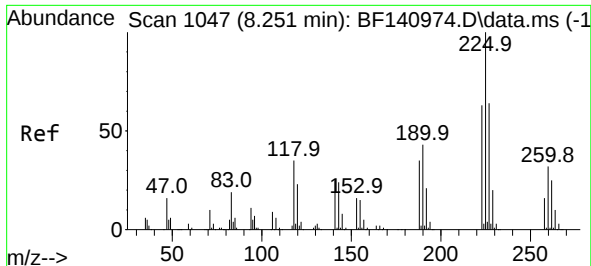


#33
4-Chloroaniline
Concen: 73.729 ng
RT: 8.192 min Scan# 1037
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



Tgt Ion:127 Resp: 1373750
Ion Ratio Lower Upper
127 100
129 32.5 26.1 39.1
65 31.1 24.6 37.0
92 19.5 15.8 23.6





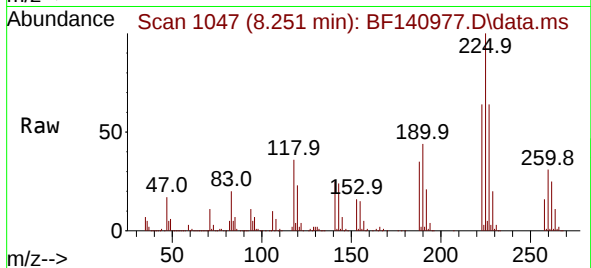
#34
Hexachlorobutadiene
Concen: 72.129 ng
RT: 8.251 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

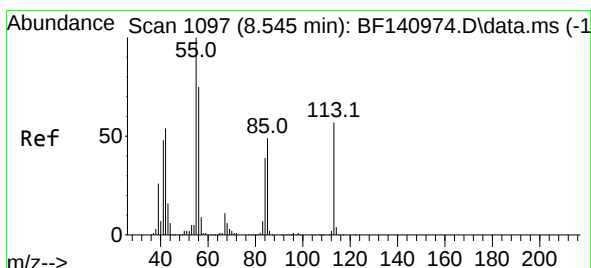
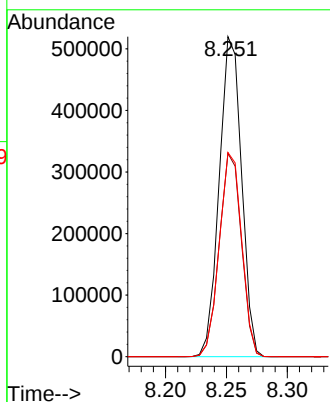
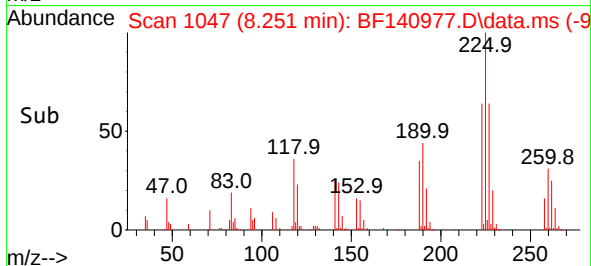


Tgt Ion:225 Resp: 66319
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 63.8 50.8 76.2

Manual Integrations

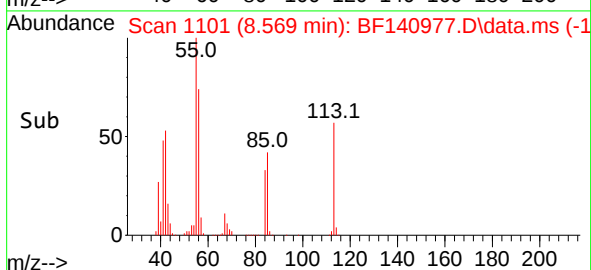
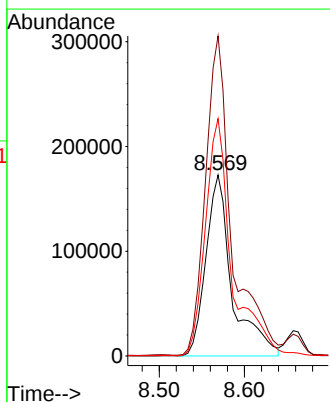
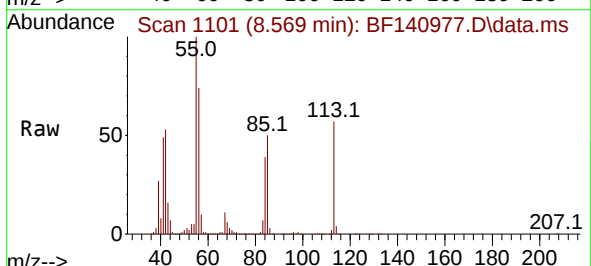
APPROVED

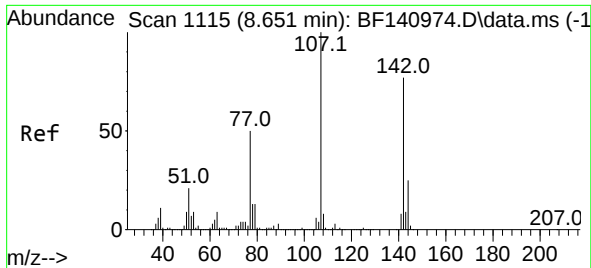
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#35
Caprolactam
Concen: 78.800 ng
RT: 8.569 min Scan# 1101
Delta R.T. 0.024 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:113 Resp: 369167
Ion Ratio Lower Upper
113 100
55 176.9 156.6 196.6
56 131.2 111.7 151.7





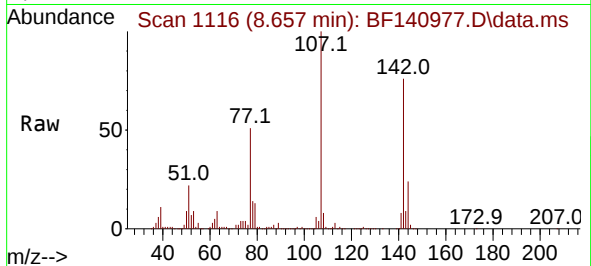
#36
4-Chloro-3-methylphenol
Concen: 74.790 ng
RT: 8.657 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



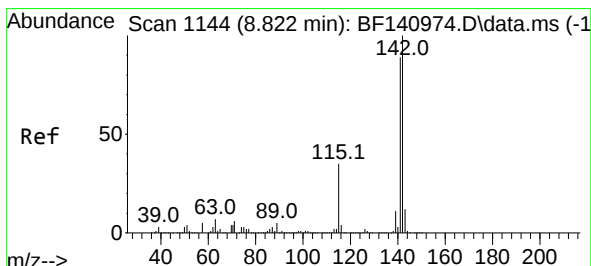
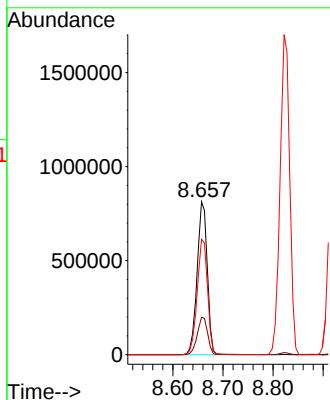
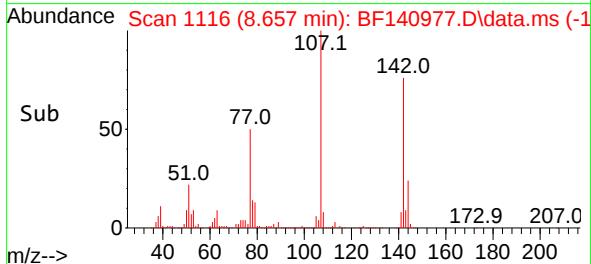
Tgt Ion:107 Resp: 1144500
Ion Ratio Lower Upper
107 100
144 24.5 19.9 29.9
142 75.6 61.8 92.8

Manual Integrations

APPROVED

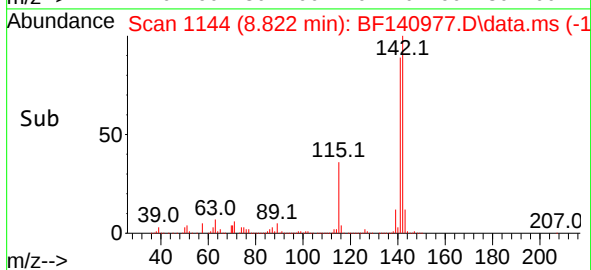
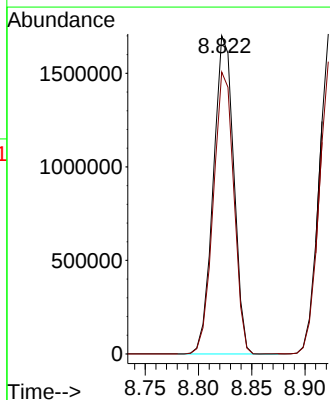
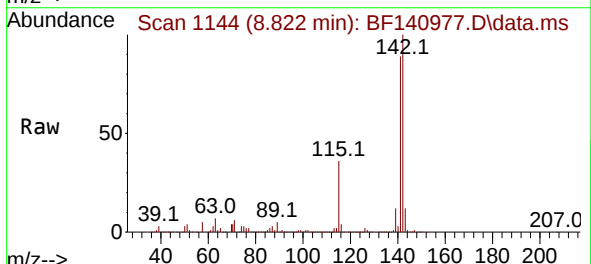
Reviewed By :Yogesh Patel 12/27/2024

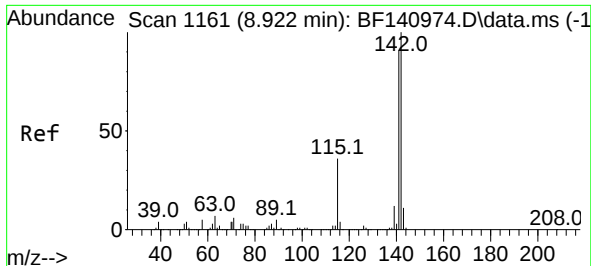
Supervised By :mohammad ahmed 12/27/2024



#37
2-Methylnaphthalene
Concen: 68.904 ng
RT: 8.822 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:142 Resp: 2270301
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#38
1-Methylnaphthalene
Concen: 68.910 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

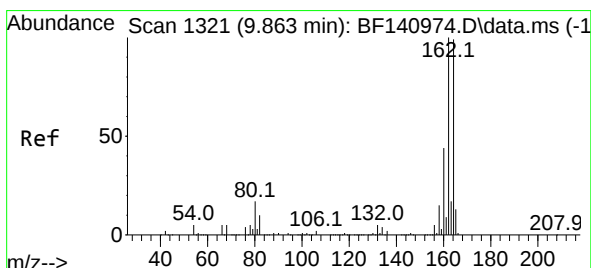
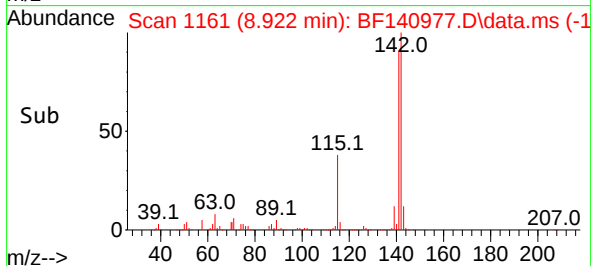
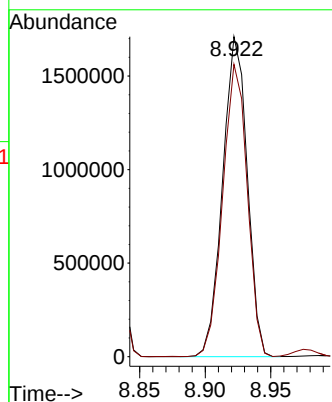
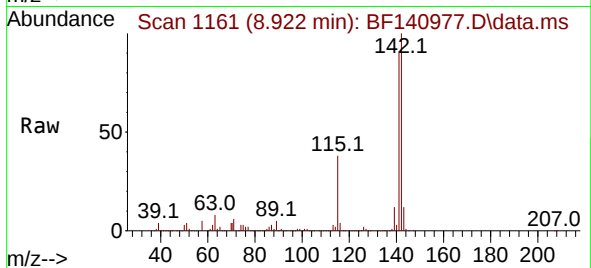
SSTDICC080

Tgt Ion:142 Resp: 223139
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1

Manual Integrations

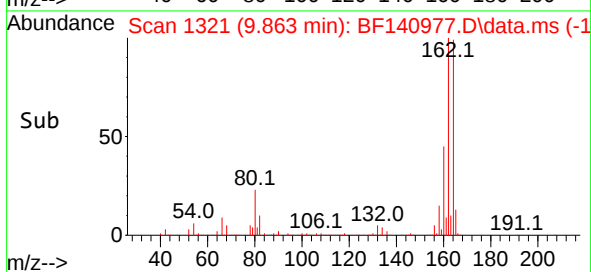
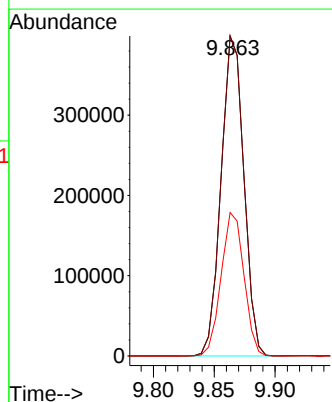
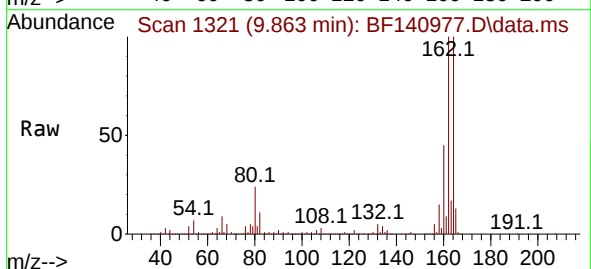
APPROVED

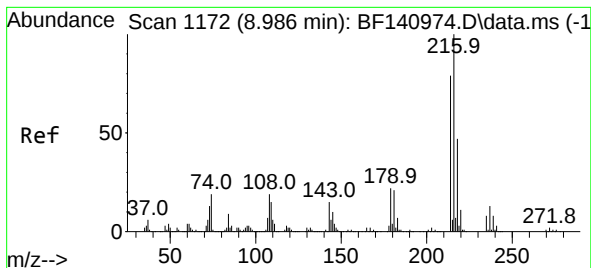
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:164 Resp: 517561
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.8 35.7 53.5





#40

1,2,4,5-Tetrachlorobenzene

Concen: 71.328 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:216 Resp: 101562

Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.6

179 22.7 17.9 26.9

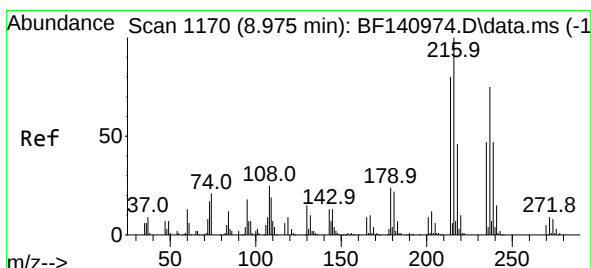
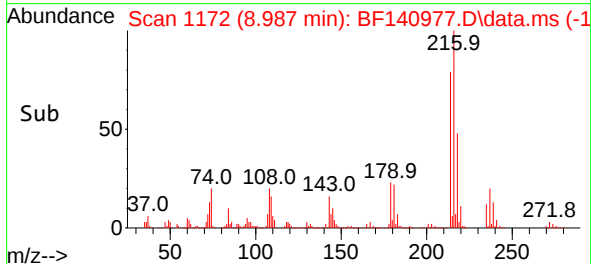
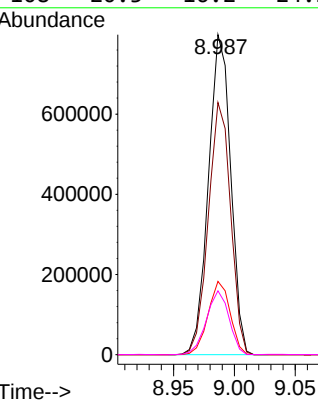
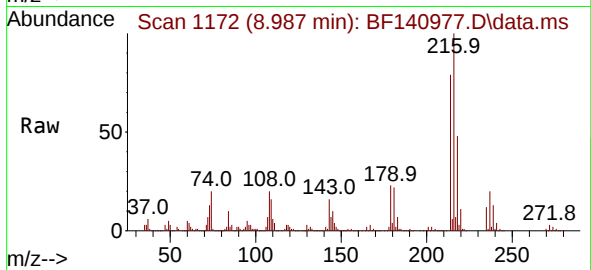
108 20.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#41

Hexachlorocyclopentadiene

Concen: 79.096 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

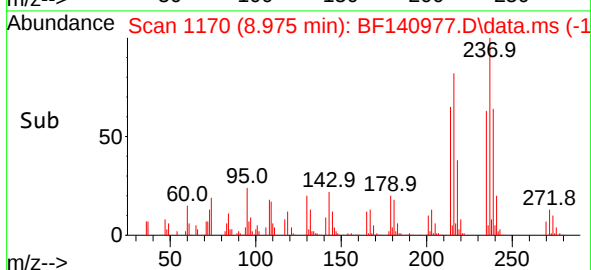
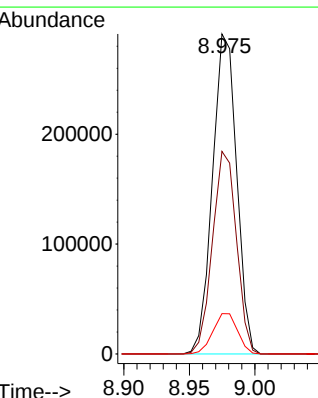
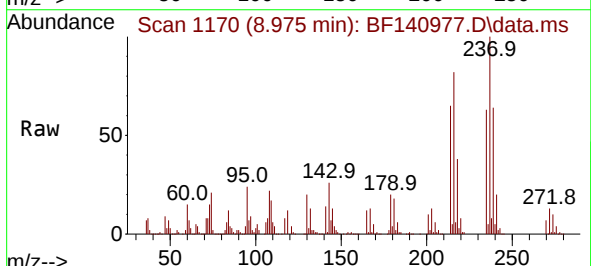
Tgt Ion:237 Resp: 373217

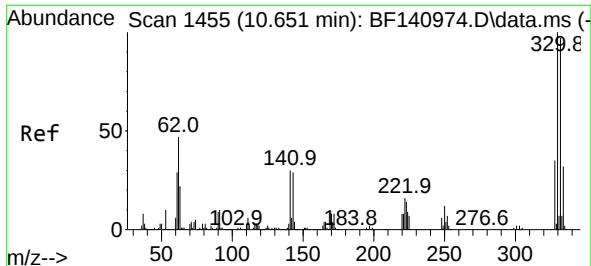
Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

272 12.6 0.0 32.6





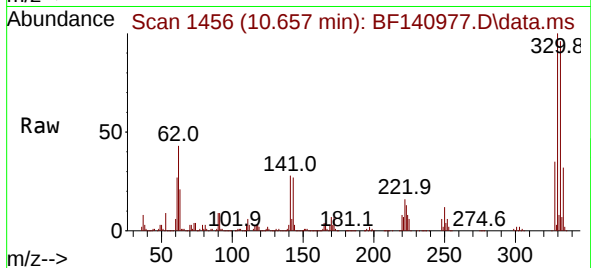
#42
2,4,6-Tribromophenol
Concen: 163.492 ng
RT: 10.657 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



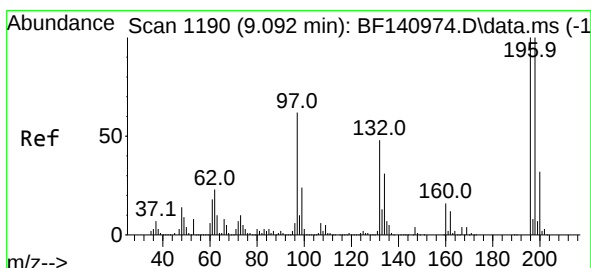
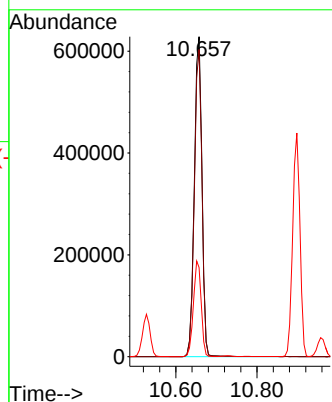
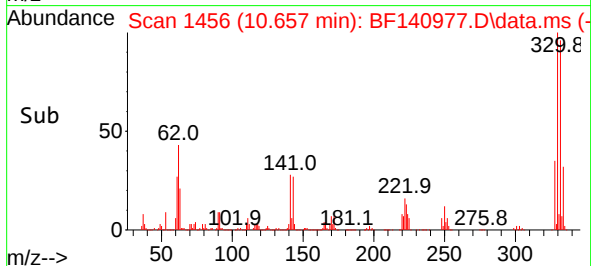
Tgt Ion:330 Resp: 822230
Ion Ratio Lower Upper
330 100
332 95.5 78.0 117.0
141 30.3 26.4 39.6

Manual Integrations

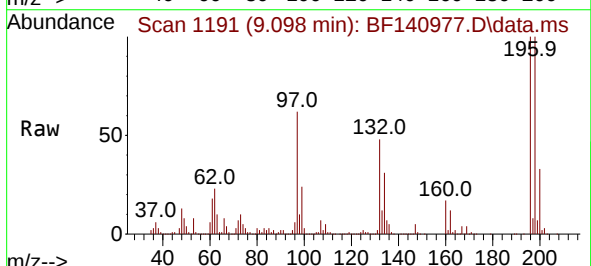
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

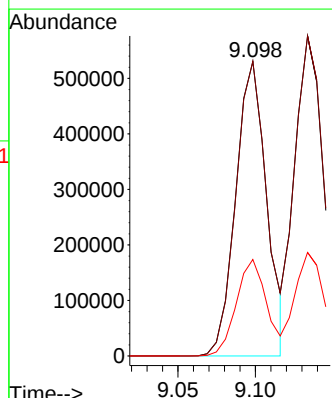
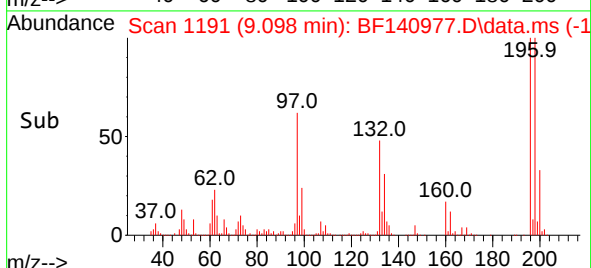
Supervised By :mohammad ahmed 12/27/2024

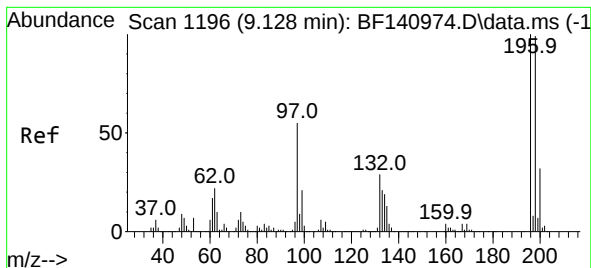


#43
2,4,6-Trichlorophenol
Concen: 77.418 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



Tgt Ion:196 Resp: 733660
Ion Ratio Lower Upper
196 100
198 100.1 80.2 120.4
200 32.7 25.8 38.6





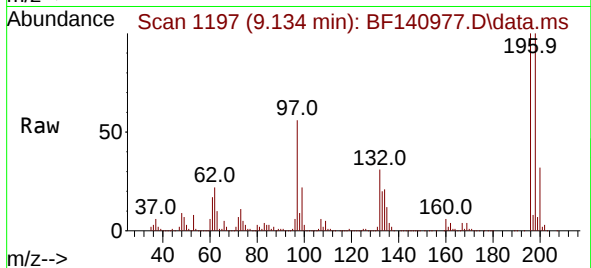
#44
2,4,5-Trichlorophenol
Concen: 75.868 ng
RT: 9.134 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



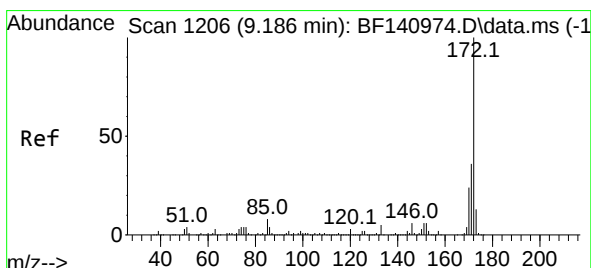
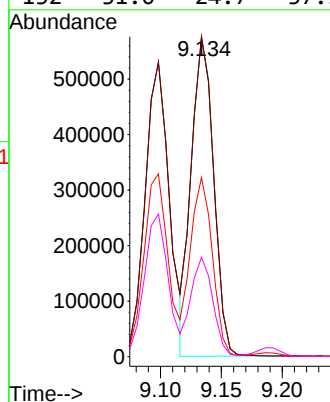
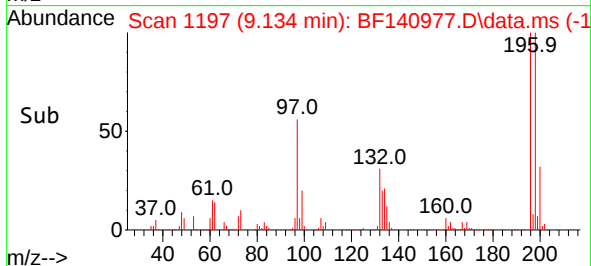
Tgt Ion:196 Resp: 735644
Ion Ratio Lower Upper
196 100
198 100.0 79.9 119.9
97 56.0 44.3 66.5
132 31.0 24.7 37.1

Manual Integrations

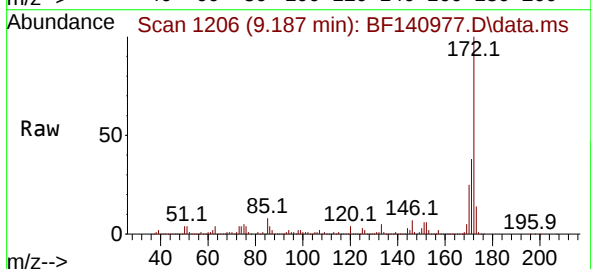
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

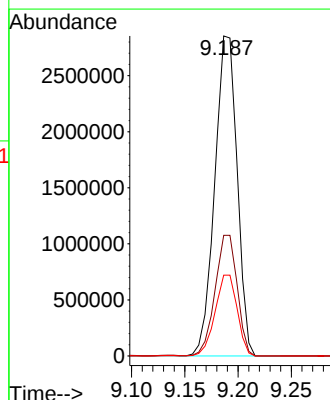
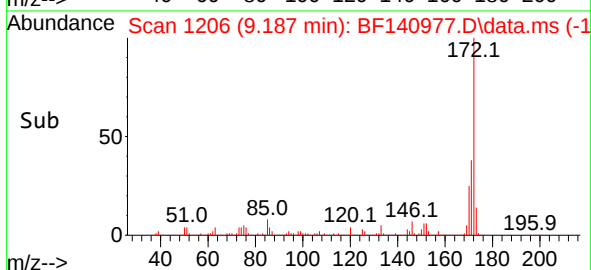
Supervised By :mohammad ahmed 12/27/2024

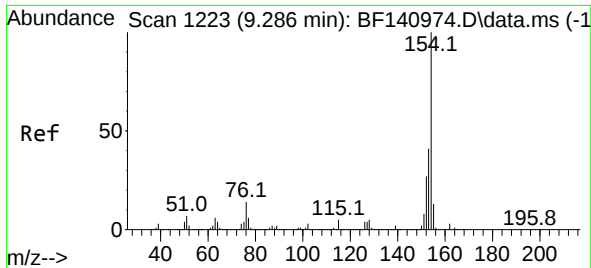


#45
2-Fluorobiphenyl
Concen: 128.248 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



Tgt Ion:172 Resp: 4166122
Ion Ratio Lower Upper
172 100
171 37.7 29.0 43.4
170 25.2 19.6 29.4





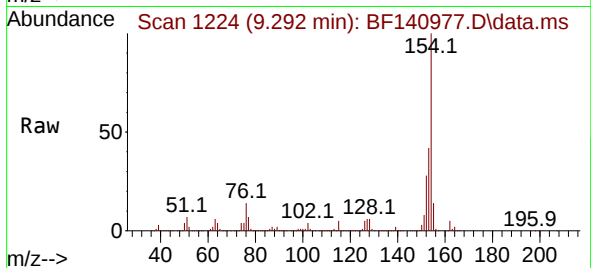
#46
1,1'-Biphenyl
Concen: 67.425 ng
RT: 9.292 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

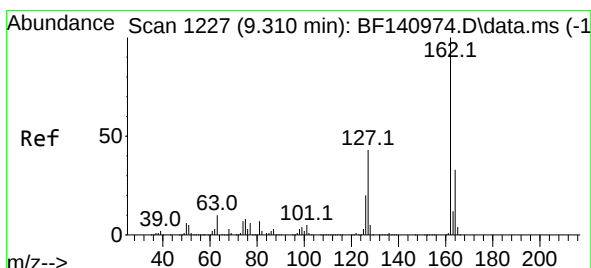
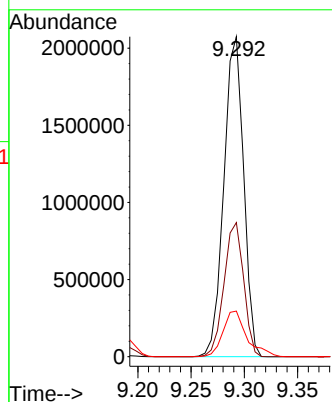
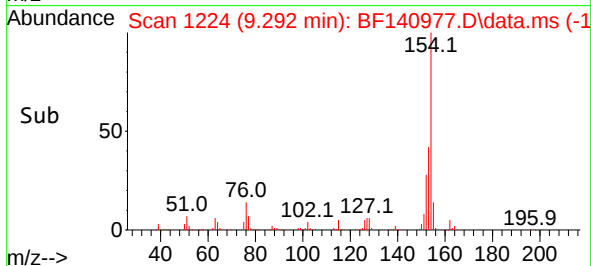


Tgt Ion:154 Resp: 2671990
Ion Ratio Lower Upper
154 100
153 41.9 20.9 60.9
76 14.2 0.0 34.0

Manual Integrations

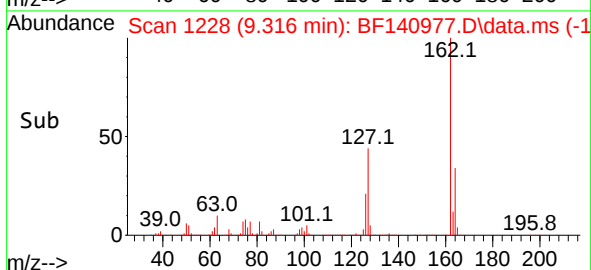
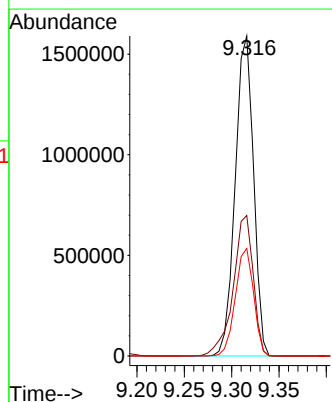
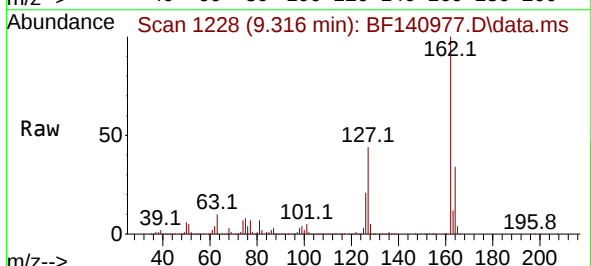
APPROVED

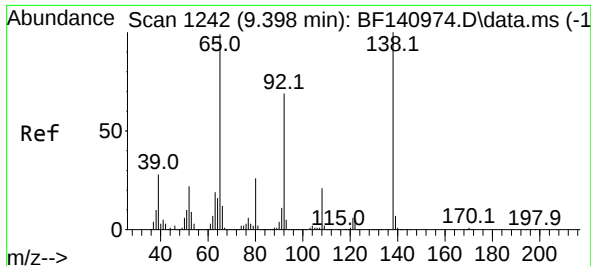
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#47
2-Chloronaphthalene
Concen: 69.446 ng
RT: 9.316 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:162 Resp: 2134444
Ion Ratio Lower Upper
162 100
127 43.9 34.2 51.4
164 33.6 26.6 40.0





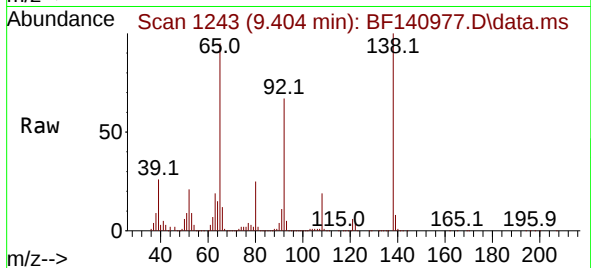
#48
2-Nitroaniline
Concen: 80.177 ng
RT: 9.404 min Scan# 1243
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



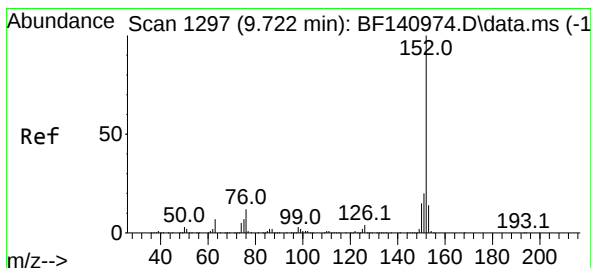
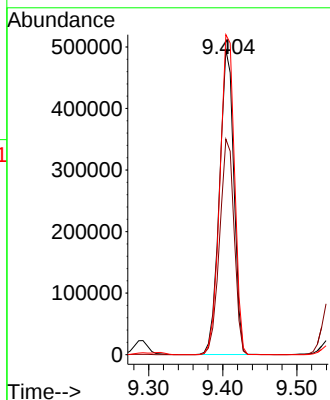
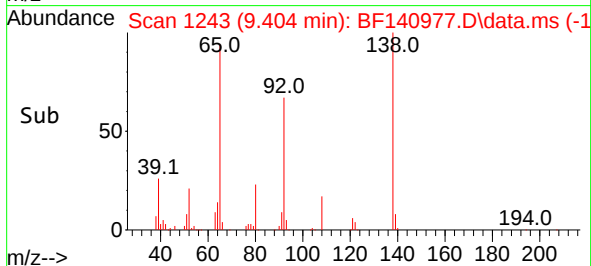
Tgt Ion: 65 Resp: 672379
Ion Ratio Lower Upper
65 100
92 70.7 55.6 83.4
138 104.9 80.5 120.7

Manual Integrations

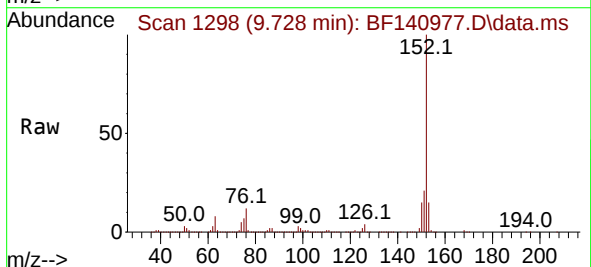
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

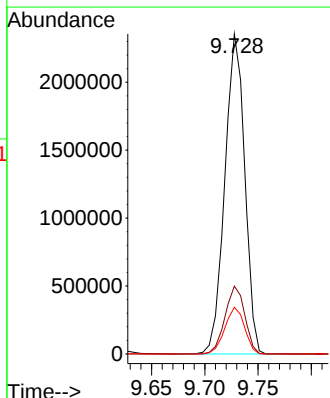
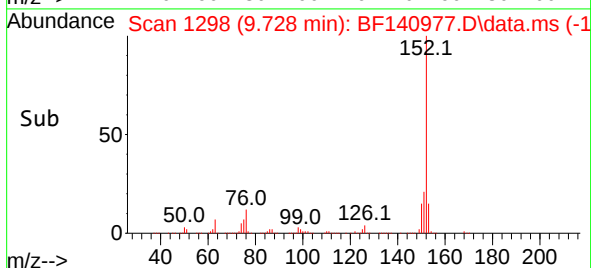
Supervised By :mohammad ahmed 12/27/2024

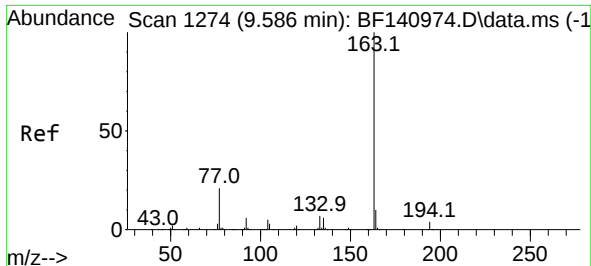


#49
Acenaphthylene
Concen: 69.133 ng
RT: 9.728 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



Tgt Ion:152 Resp: 3058781
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4
153 14.6 11.4 17.0





#50
Dimethylphthalate
Concen: 72.109 ng
RT: 9.592 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

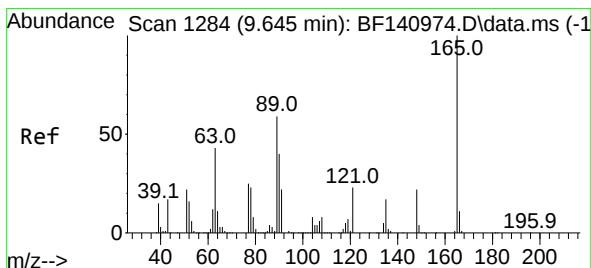
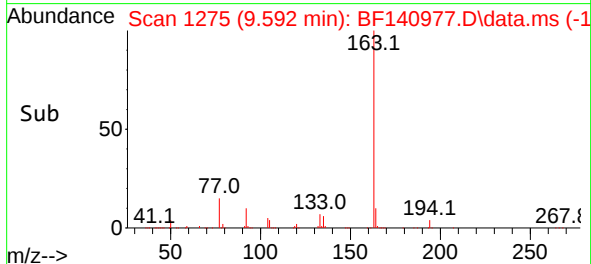
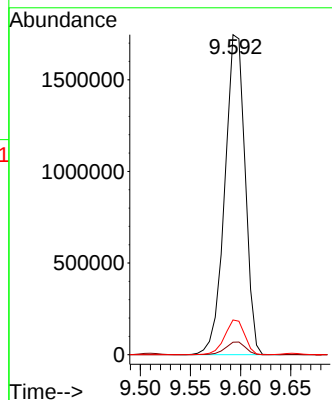
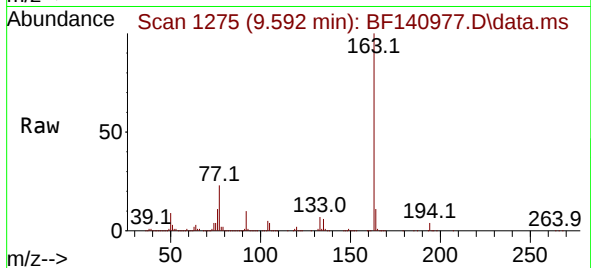
SSTDICC080

Tgt Ion:163 Resp: 245484
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.9 8.3 12.5

Manual Integrations

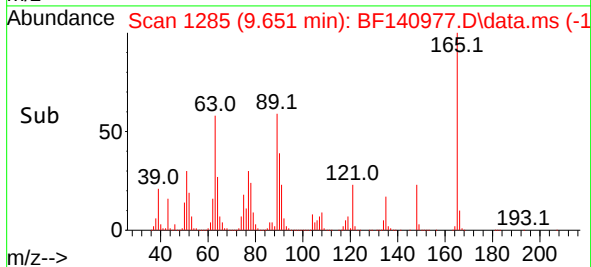
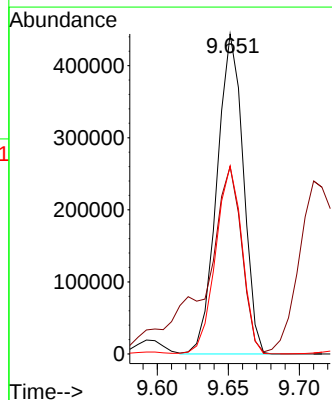
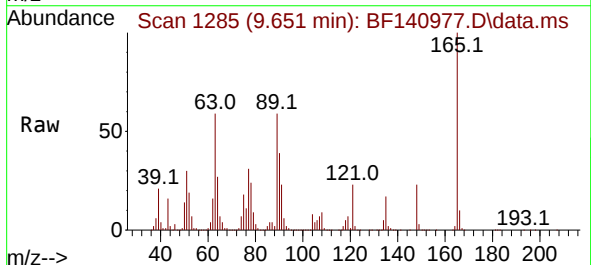
APPROVED

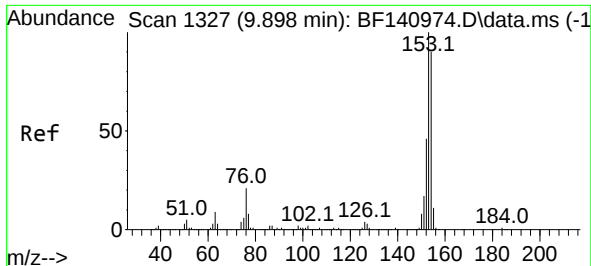
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#51
2,6-Dinitrotoluene
Concen: 79.723 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:165 Resp: 571642
Ion Ratio Lower Upper
165 100
63 58.6 47.1 70.7
89 58.7 47.0 70.4





#52
Acenaphthene
Concen: 71.048 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

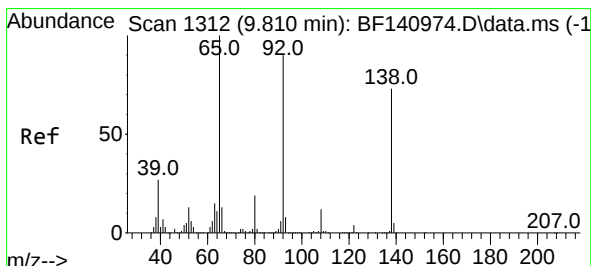
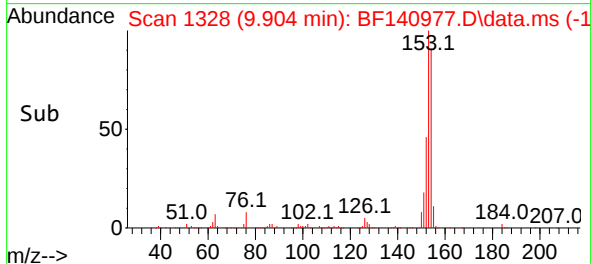
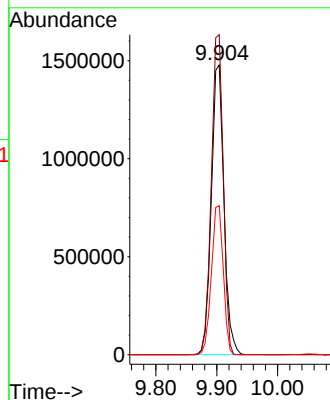
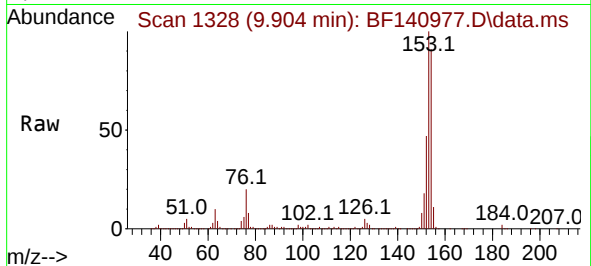
Tgt Ion:154 Resp: 2125174
Ion Ratio Lower Upper
154 100
153 110.5 89.2 133.8
152 51.4 40.9 61.3

Manual Integrations

APPROVED

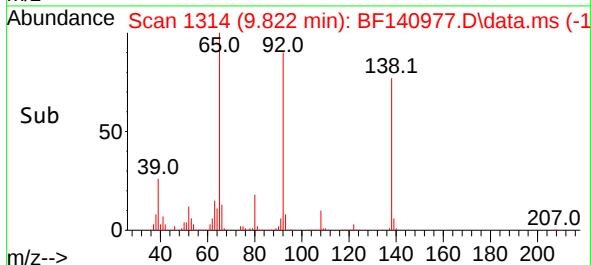
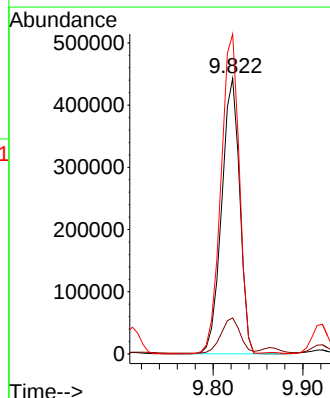
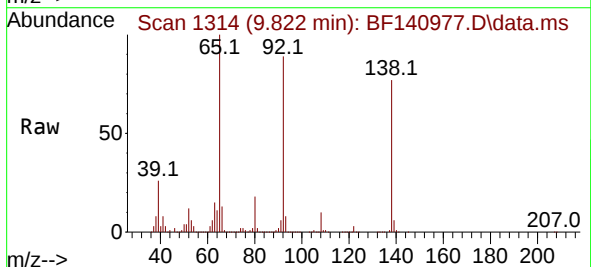
Reviewed By :Yogesh Patel 12/27/2024

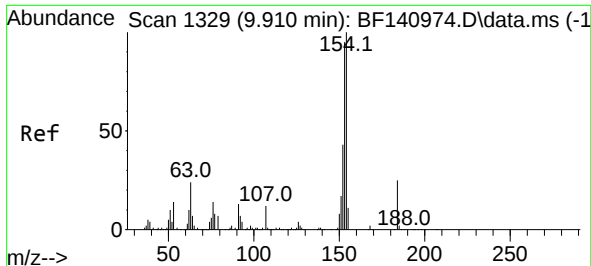
Supervised By :mohammad ahmed 12/27/2024



#53
3-Nitroaniline
Concen: 79.606 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:138 Resp: 618458
Ion Ratio Lower Upper
138 100
108 13.0 13.5 20.3#
92 116.1 97.7 146.5





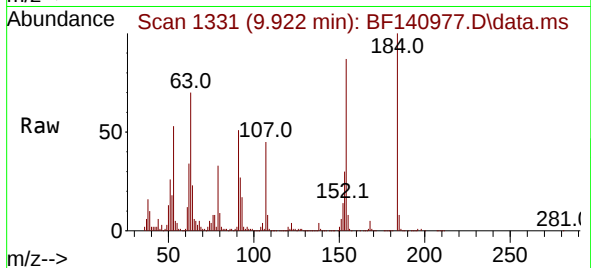
#54
2,4-Dinitrophenol
Concen: 79.264 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



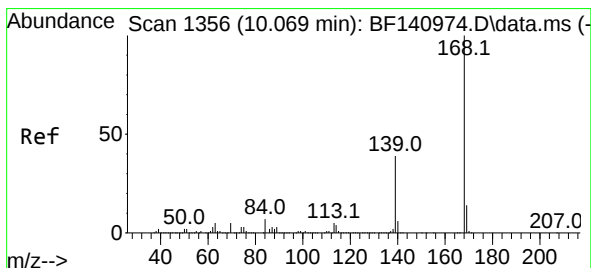
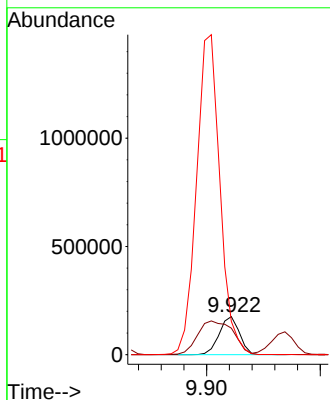
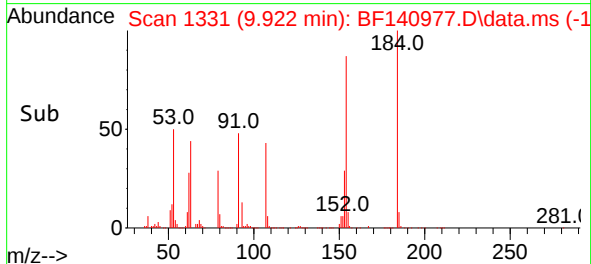
Tgt Ion:184 Resp: 21748
Ion Ratio Lower Upper
184 100
63 69.9 81.6 122.4
154 87.2 363.5 545.3

Manual Integrations

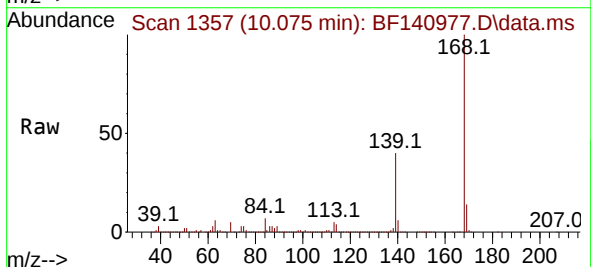
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

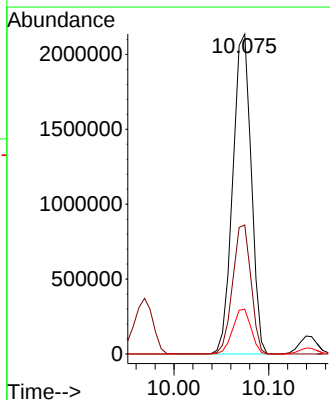
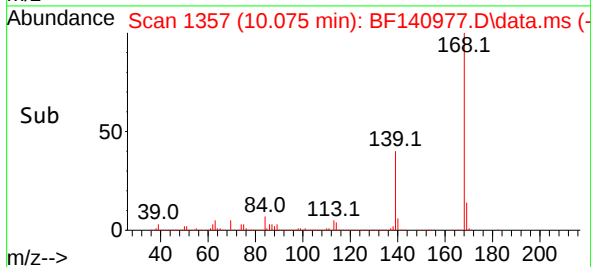
Supervised By :mohammad ahmed 12/27/2024

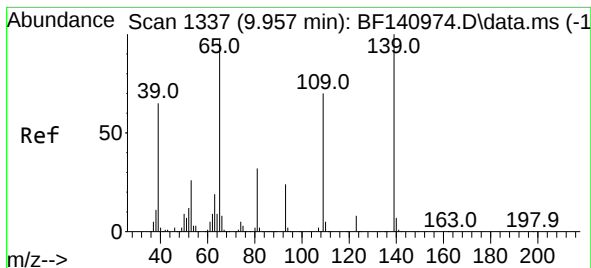


#55
Dibenzofuran
Concen: 68.424 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



Tgt Ion:168 Resp: 2876315
Ion Ratio Lower Upper
168 100
139 40.3 31.6 47.4
169 14.0 11.0 16.6





#56
4-Nitrophenol
Concen: 89.372 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

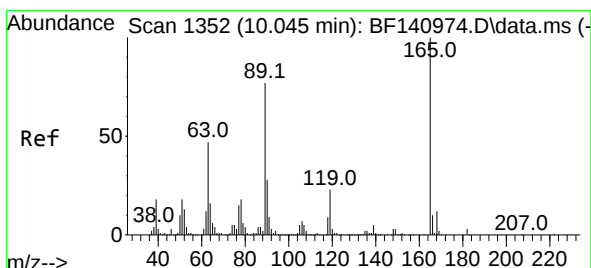
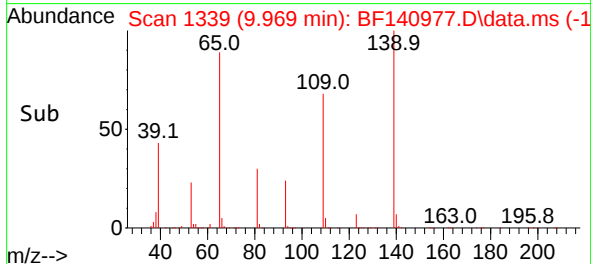
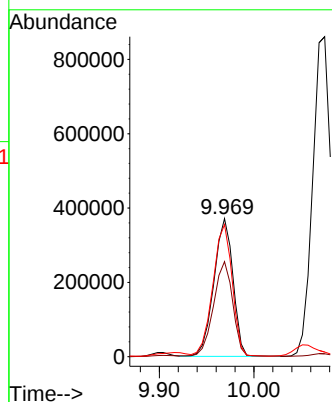
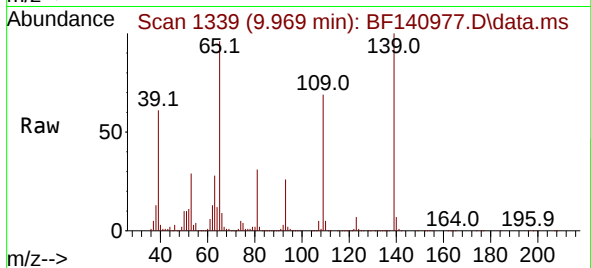
SSTDICC080

Tgt Ion:139 Resp: 520450
Ion Ratio Lower Upper
139 100
109 68.8 50.8 90.8
65 95.6 78.5 118.5

Manual Integrations

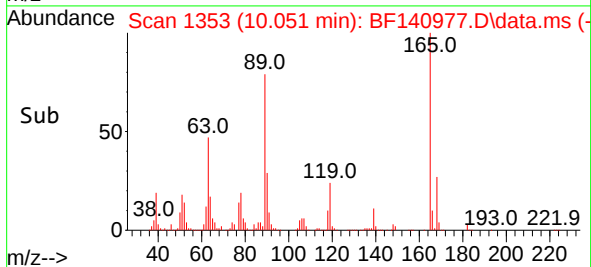
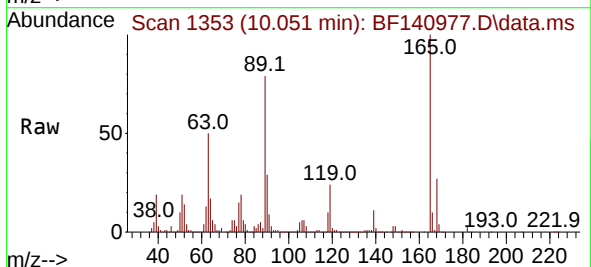
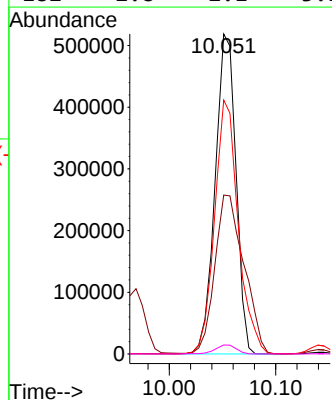
APPROVED

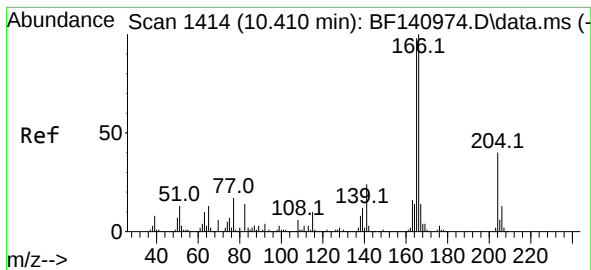
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#57
2,4-Dinitrotoluene
Concen: 79.614 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:165 Resp: 704156
Ion Ratio Lower Upper
165 100
63 49.6 38.1 57.1
89 79.3 61.4 92.2
182 2.8 2.1 3.1





#58

Fluorene

Concen: 67.635 ng

RT: 10.416 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:166 Resp: 2204698

Ion Ratio Lower Upper

166 100

165 97.6 78.3 117.5

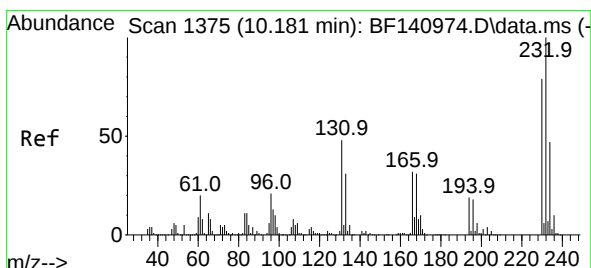
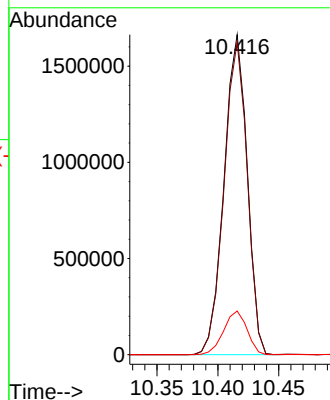
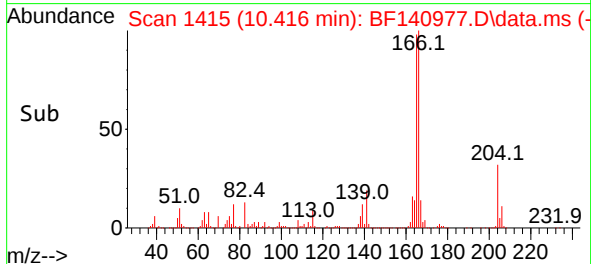
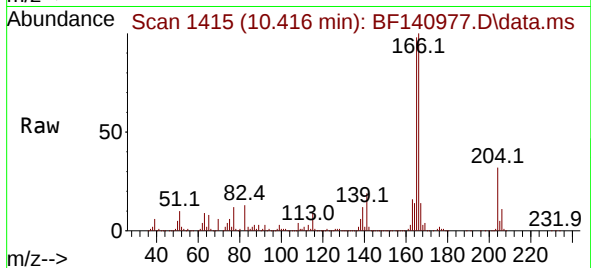
167 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 77.824 ng

RT: 10.186 min Scan# 1376

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Tgt Ion:232 Resp: 624965

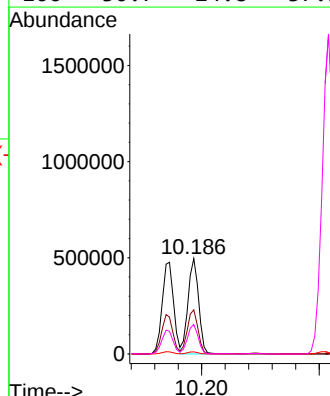
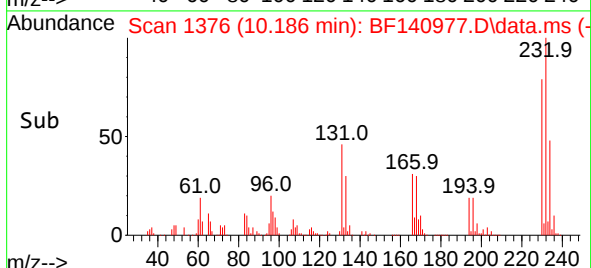
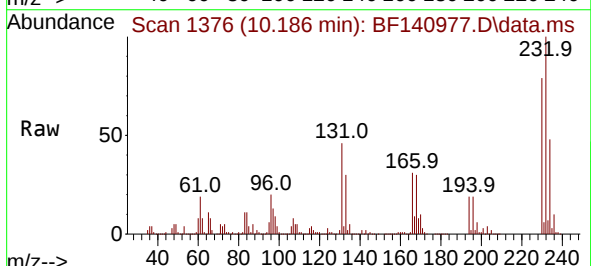
Ion Ratio Lower Upper

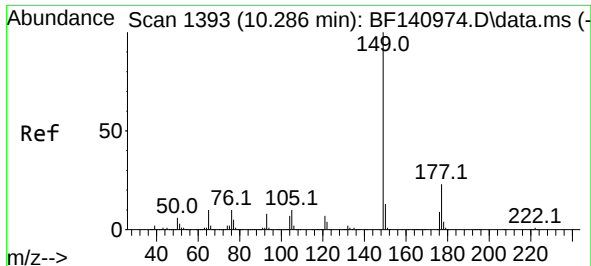
232 100

131 46.4 37.4 56.2

130 2.3 1.8 2.8

166 30.7 24.8 37.2





#60
Diethylphthalate
Concen: 72.349 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

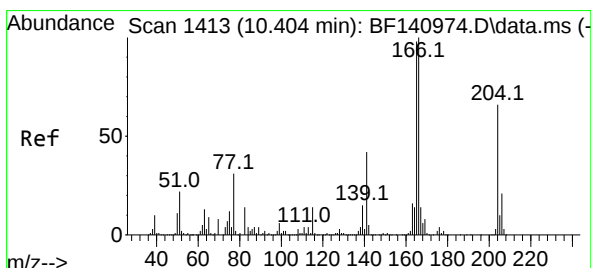
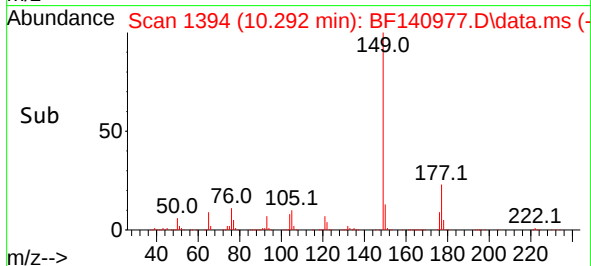
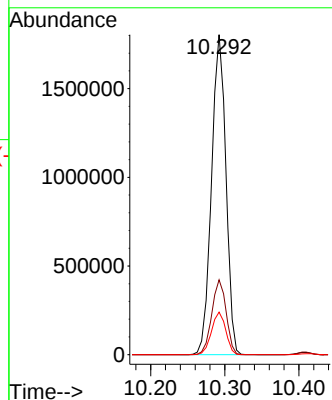
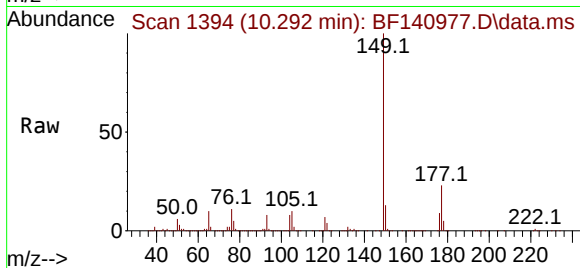
SSTDICC080

Tgt Ion:149 Resp: 243154
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 13.3 10.4 15.6

Manual Integrations

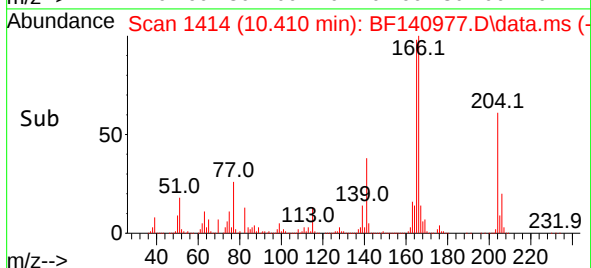
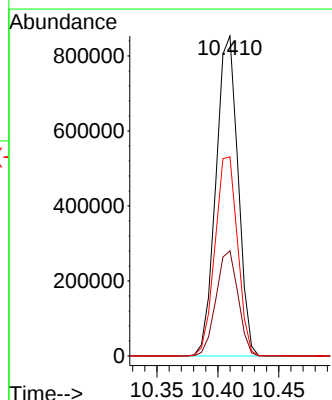
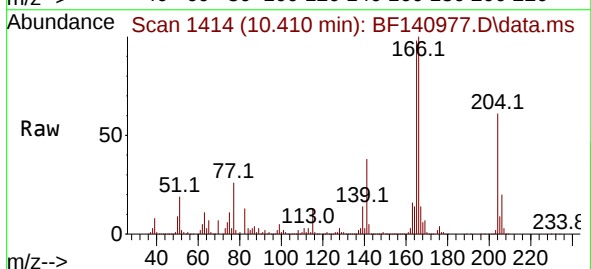
APPROVED

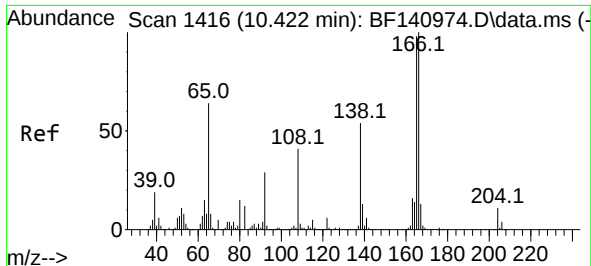
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#61
4-Chlorophenyl-phenylether
Concen: 68.724 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:204 Resp: 1077930
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 62.2 51.2 76.8





#62
4-Nitroaniline
Concen: 80.074 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.017 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

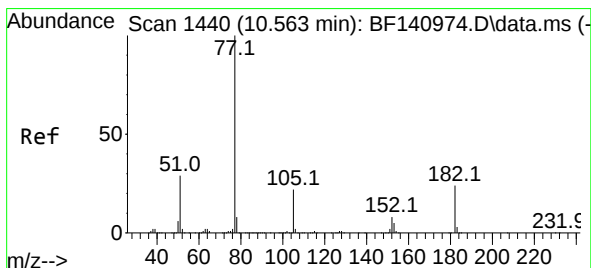
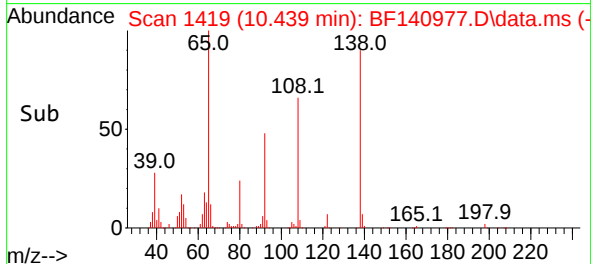
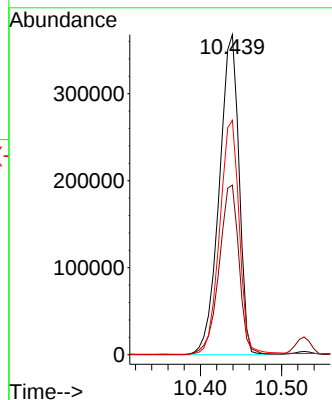
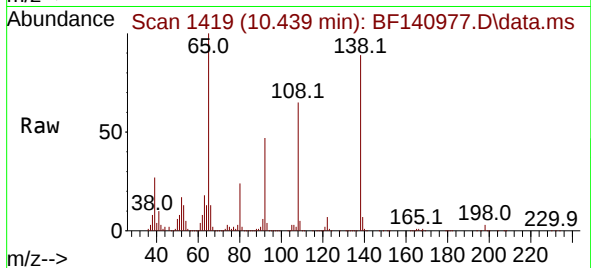
SSTDICC080

Tgt Ion:138 Resp: 622110
Ion Ratio Lower Upper
138 100
92 53.0 34.8 74.8
108 73.2 55.9 95.9

Manual Integrations

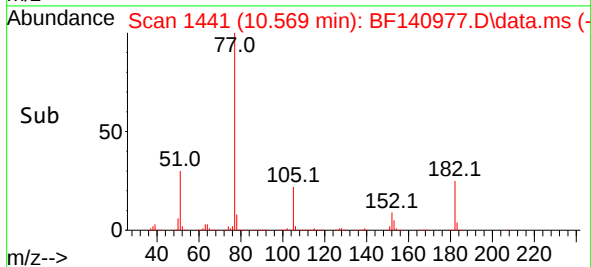
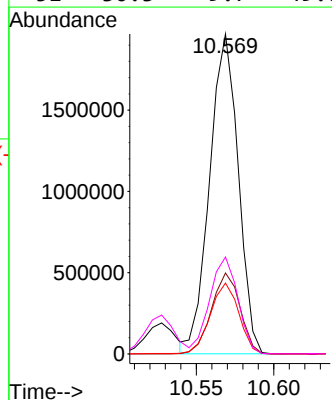
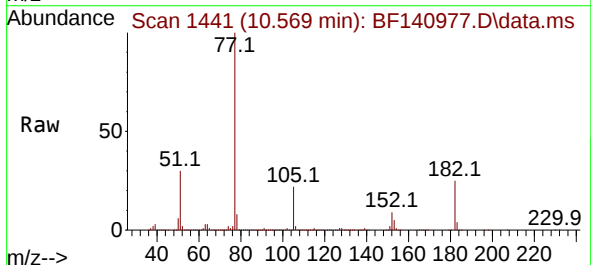
APPROVED

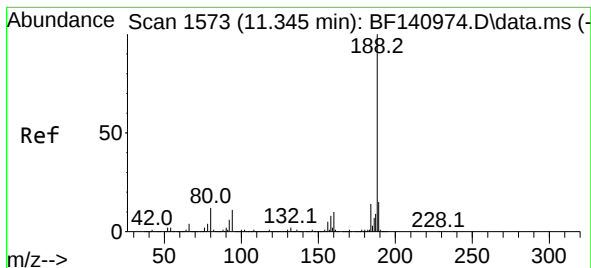
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#63
Azobenzene
Concen: 71.600 ng
RT: 10.569 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion: 77 Resp: 2525786
Ion Ratio Lower Upper
77 100
182 25.3 4.1 44.1
105 22.2 1.8 41.8
51 30.3 9.7 49.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

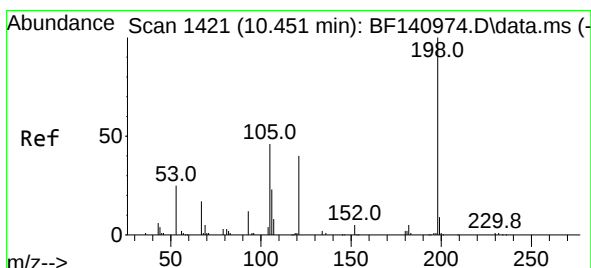
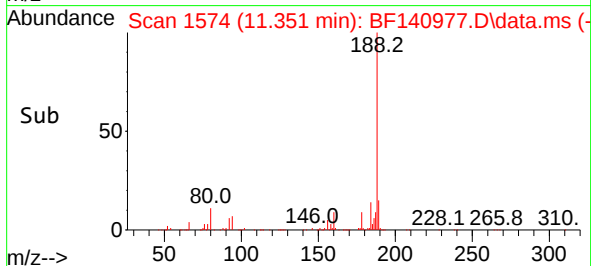
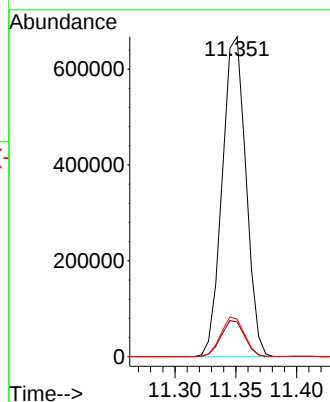
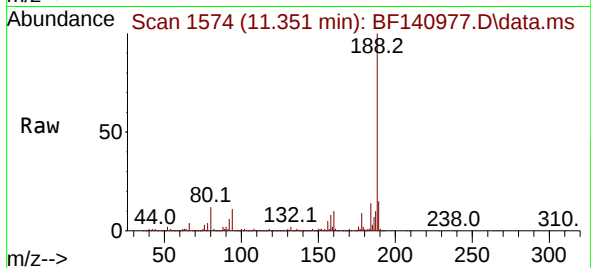
SSTDICC080

Tgt Ion:188 Resp: 90597
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.6
80 11.7 9.8 14.6

Manual Integrations

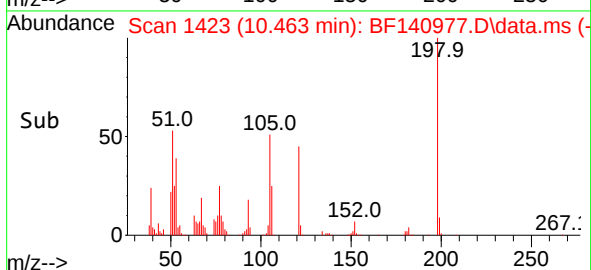
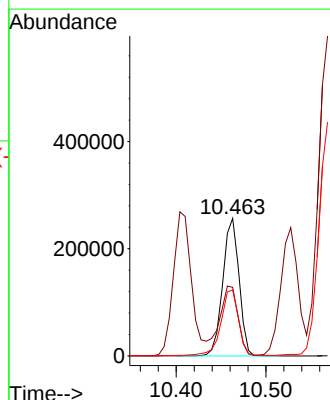
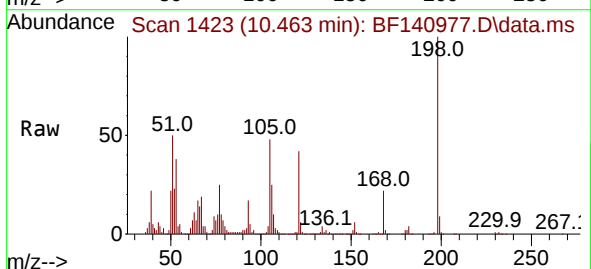
APPROVED

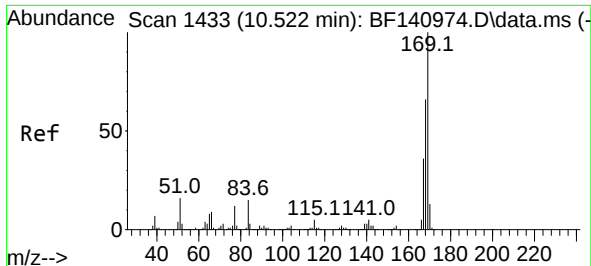
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 81.463 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

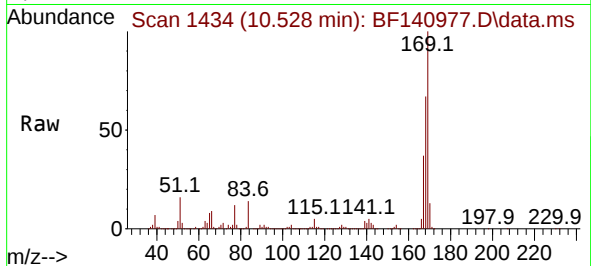
Tgt Ion:198 Resp: 323476
Ion Ratio Lower Upper
198 100
51 49.9 32.3 72.3
105 48.0 28.4 68.4





#66
n-Nitrosodiphenylamine
Concen: 70.890 ng
RT: 10.528 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

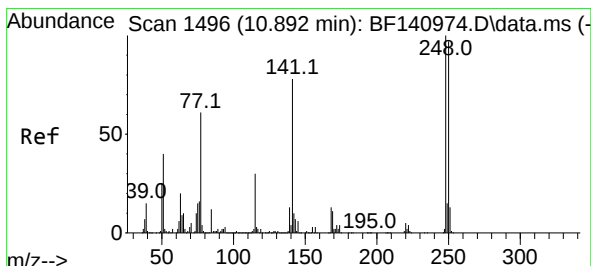
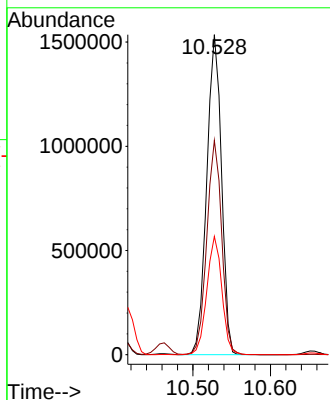
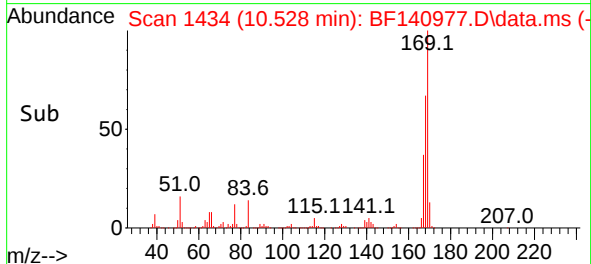
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



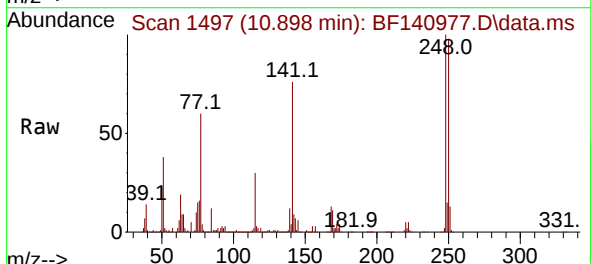
Tgt Ion:169 Resp: 202241
Ion Ratio Lower Upper
169 100
168 67.0 52.6 79.0
167 36.9 29.0 43.4

Manual Integrations
APPROVED

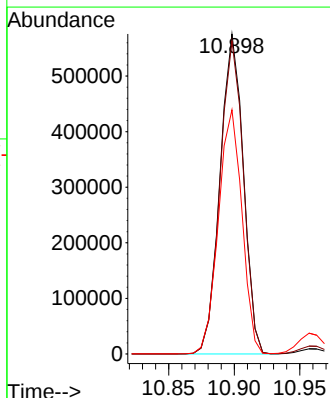
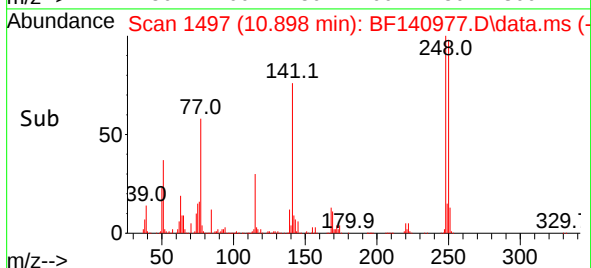
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

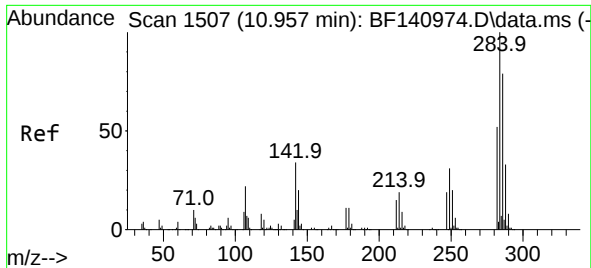


#67
4-Bromophenyl-phenylether
Concen: 72.884 ng
RT: 10.898 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



Tgt Ion:248 Resp: 713807
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 76.3 62.1 93.1





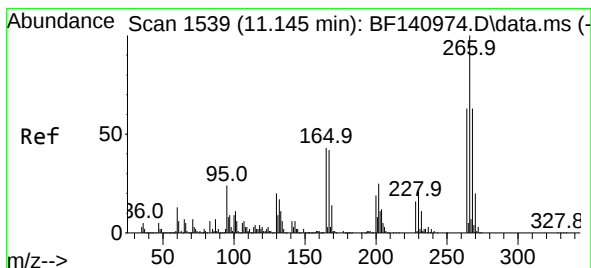
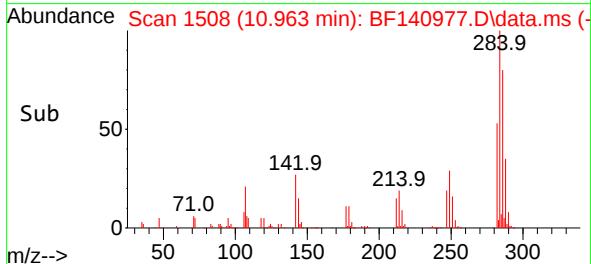
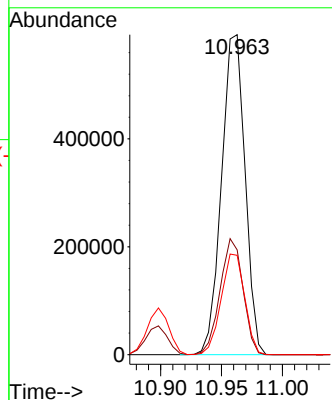
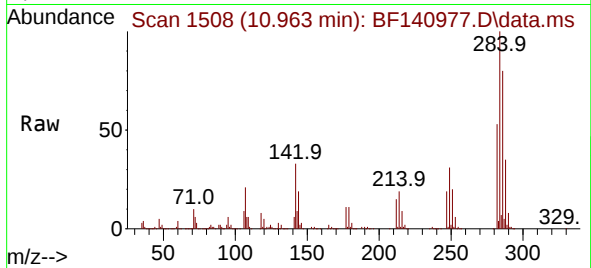
#68
Hexachlorobenzene
Concen: 73.971 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 79882
Ion Ratio Lower Upper
284 100
142 32.8 27.1 40.7
249 31.0 25.1 37.7

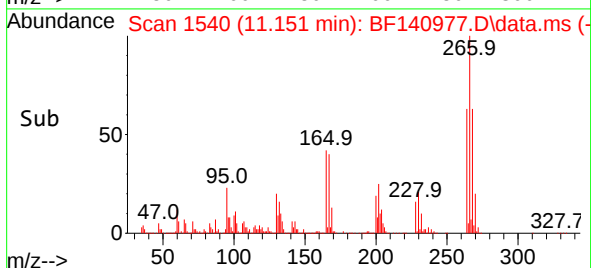
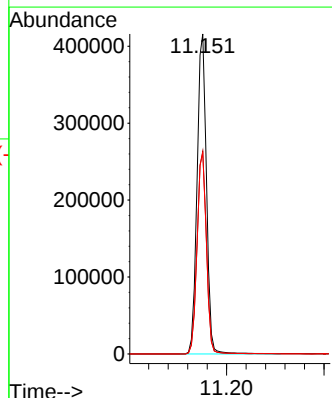
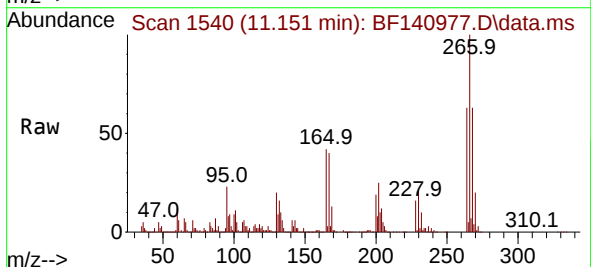
Manual Integrations
APPROVED

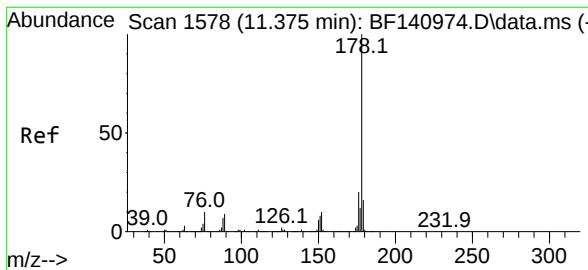
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#70
Pentachlorophenol
Concen: 83.248 ng
RT: 11.151 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:266 Resp: 559728
Ion Ratio Lower Upper
266 100
268 63.3 50.5 75.7
264 62.9 50.2 75.4





#71
 Phenanthrene
 Concen: 68.921 ng
 RT: 11.375 min Scan# 1578
 Delta R.T. 0.000 min
 Lab File: BF140977.D
 Acq: 26 Dec 2024 19:25

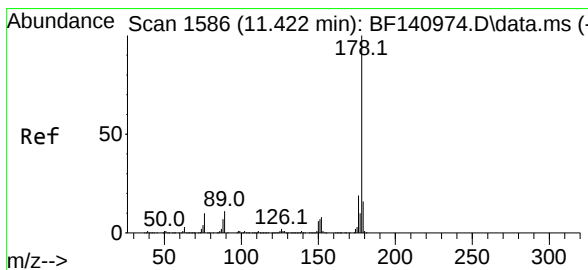
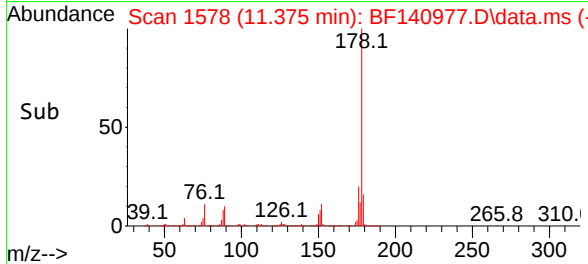
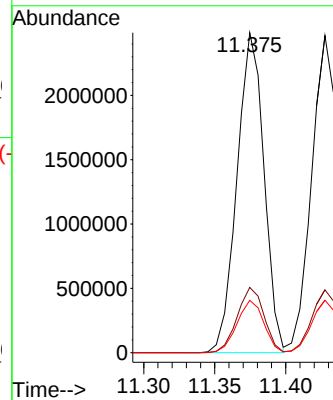
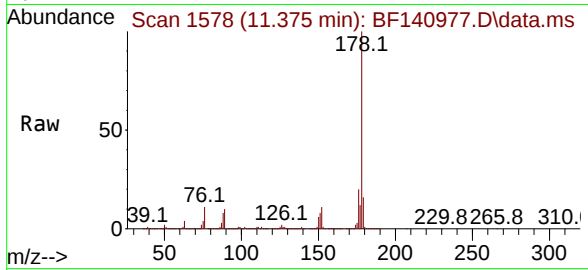
Instrument : BNA_F
 Client Sample Id : SSTDICC080

Tgt Ion:178 Resp: 328628

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.4	12.6	19.0

Manual Integrations
 APPROVED

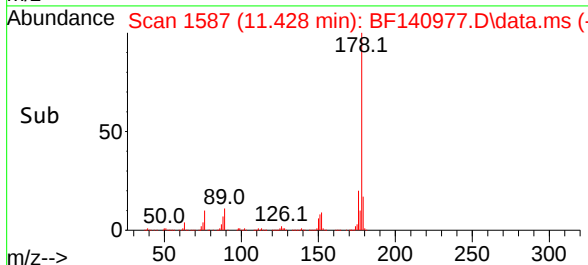
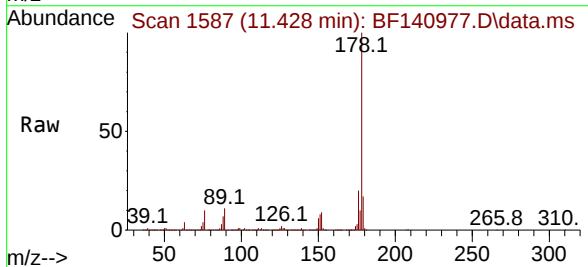
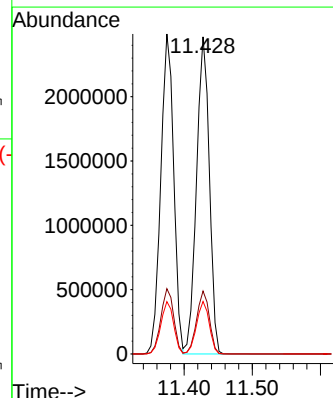
Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

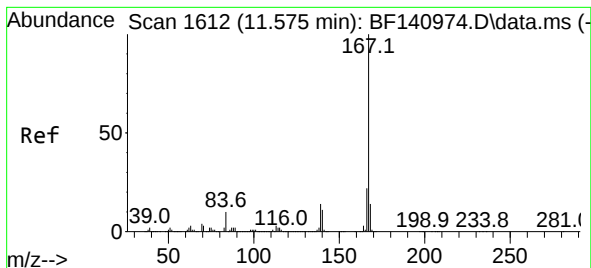


#72
 Anthracene
 Concen: 68.578 ng
 RT: 11.428 min Scan# 1587
 Delta R.T. 0.006 min
 Lab File: BF140977.D
 Acq: 26 Dec 2024 19:25

Tgt Ion:178 Resp: 3204142

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	16.6	12.9	19.3





#73

Carbazole

Concen: 69.118 ng

RT: 11.580 min Scan# 1613

Delta R.T. 0.006 min

Lab File: BF140977.D

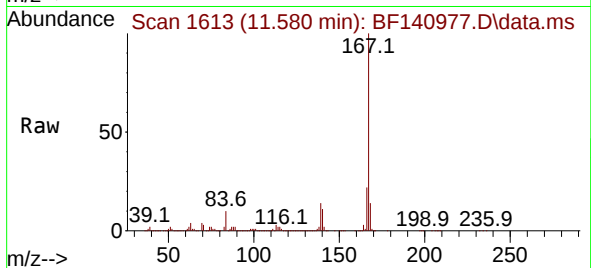
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:167 Resp: 3104460

Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

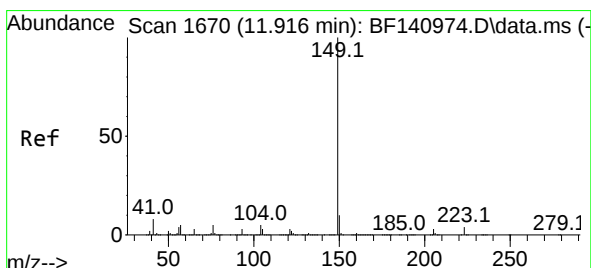
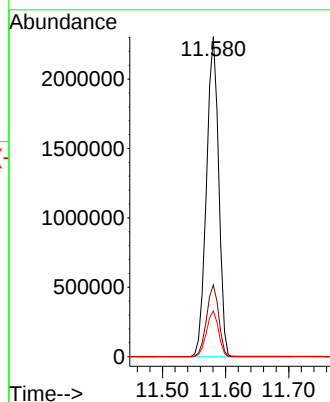
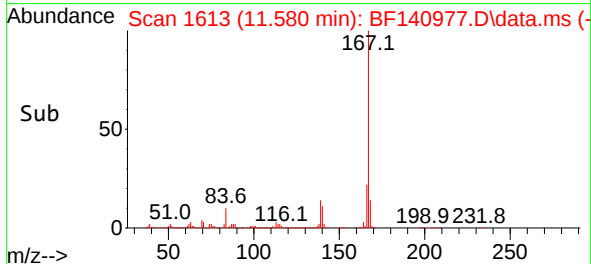
139 14.3 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#74

Di-n-butylphthalate

Concen: 70.229 ng

RT: 11.916 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

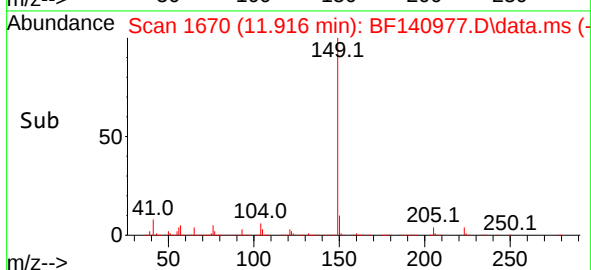
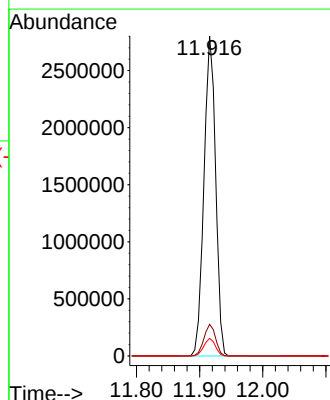
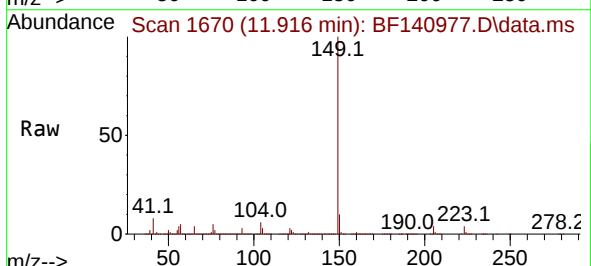
Tgt Ion:149 Resp: 3587776

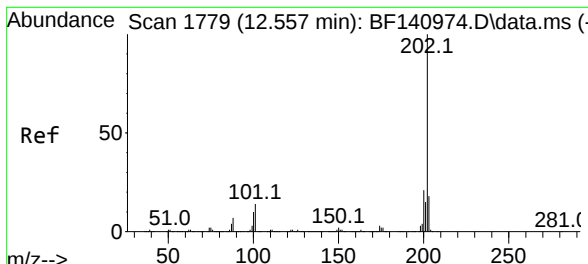
Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

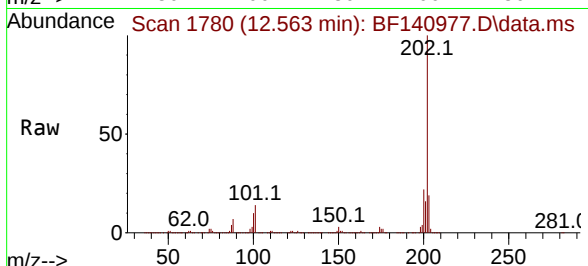
104 5.5 4.1 6.1





#75
 Fluoranthene
 Concen: 67.687 ng
 RT: 12.563 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140977.D
 Acq: 26 Dec 2024 19:25

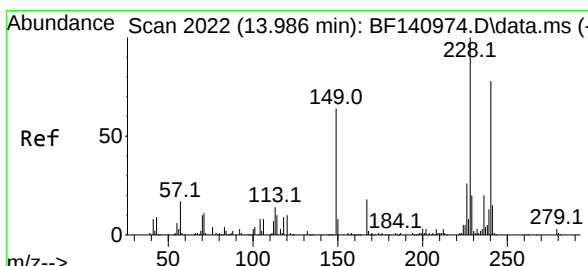
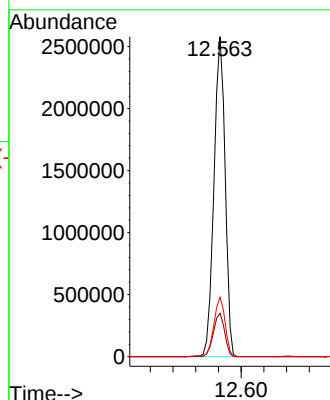
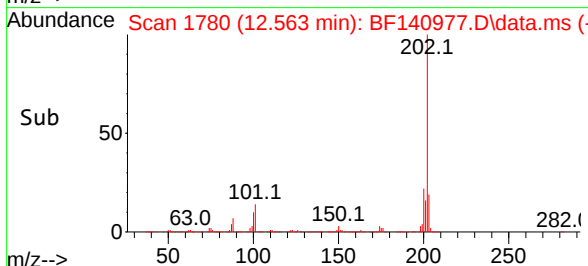
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



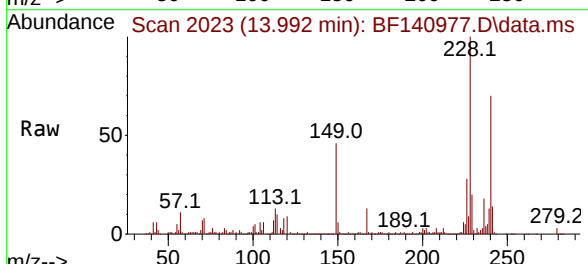
Tgt Ion:202 Resp: 3500378
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 33.7
 203 18.6 0.0 38.1

Manual Integrations
 APPROVED

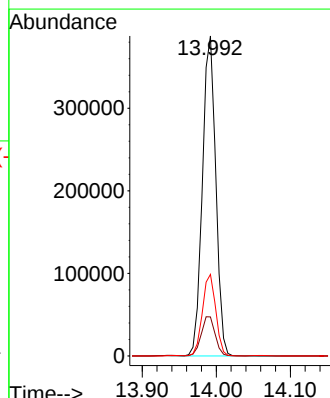
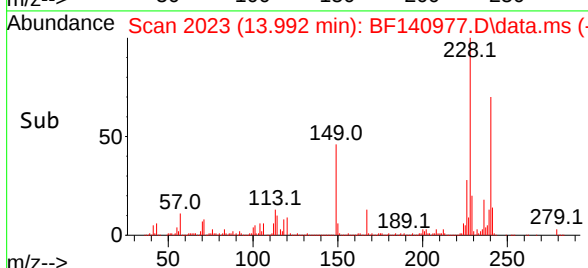
Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024

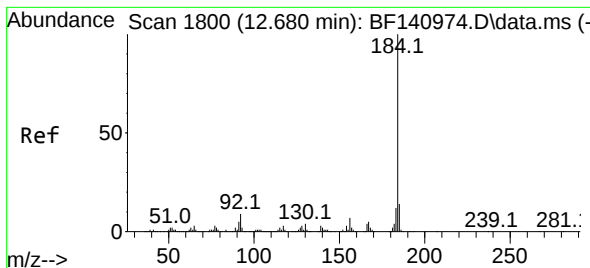


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.992 min Scan# 2023
 Delta R.T. 0.006 min
 Lab File: BF140977.D
 Acq: 26 Dec 2024 19:25



Tgt Ion:240 Resp: 487461
 Ion Ratio Lower Upper
 240 100
 120 12.2 10.7 16.1
 236 25.5 20.6 31.0





#77

Benzidine

Concen: 76.072 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:184 Resp: 78369

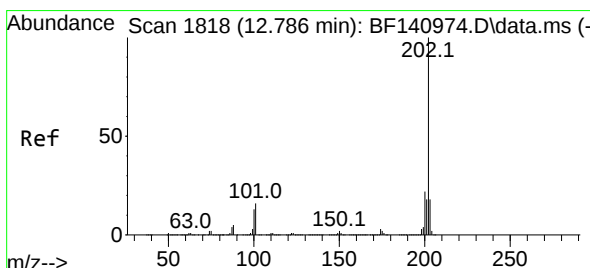
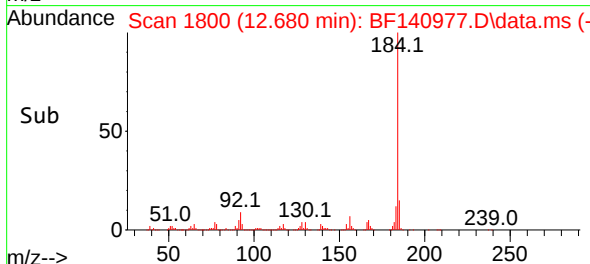
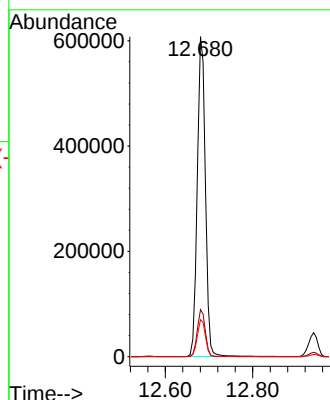
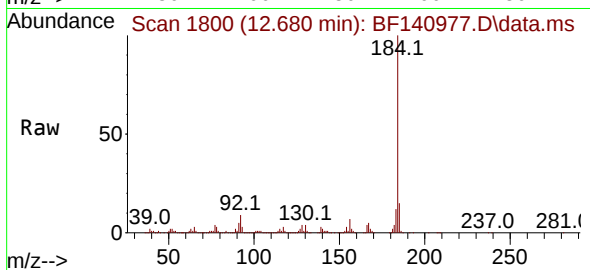
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.4	17.2
183	11.6	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#78

Pyrene

Concen: 82.441 ng

RT: 12.792 min Scan# 1819

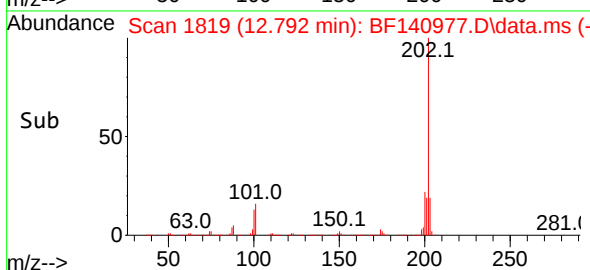
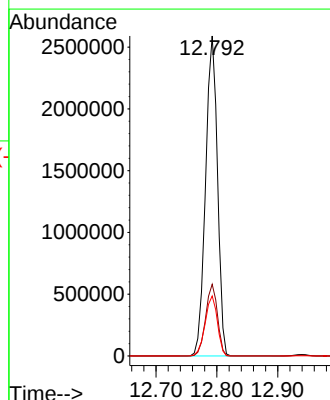
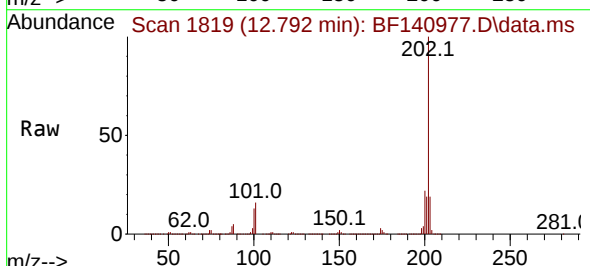
Delta R.T. 0.006 min

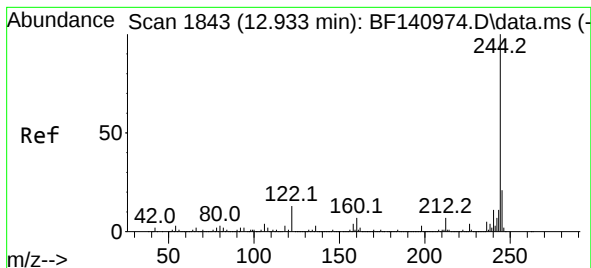
Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Tgt Ion:202 Resp: 3514654

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.3	25.9
203	18.8	14.6	21.8





#79

Terphenyl-d14

Concen: 160.683 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:244 Resp: 471564

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

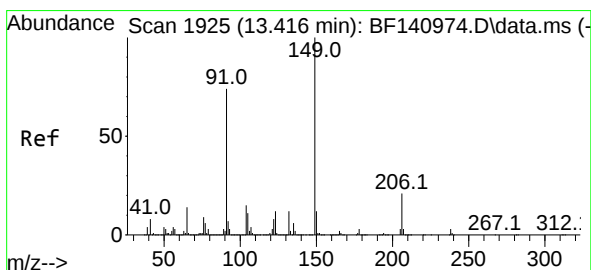
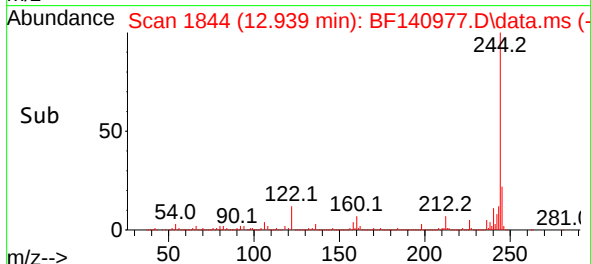
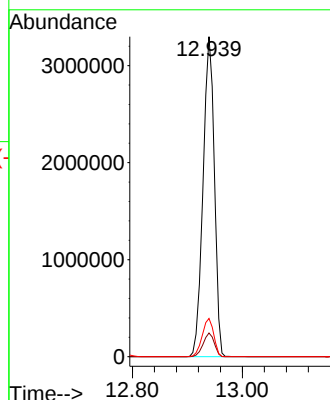
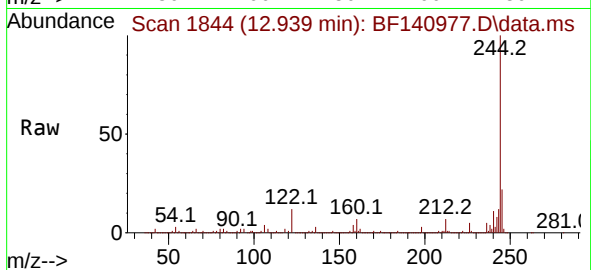
122 12.0 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#80

Butylbenzylphthalate

Concen: 85.018 ng

RT: 13.416 min Scan# 1925

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

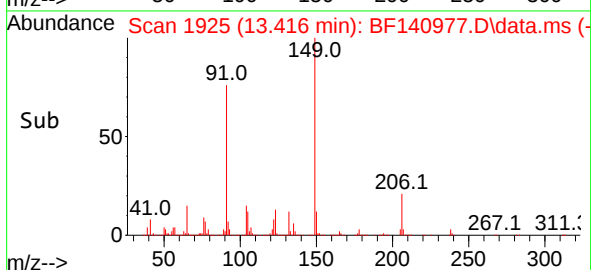
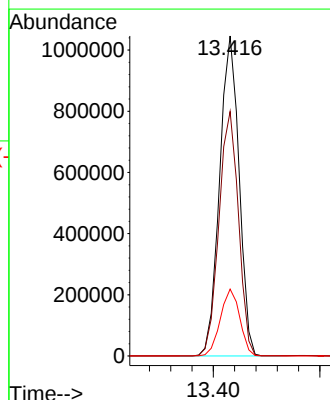
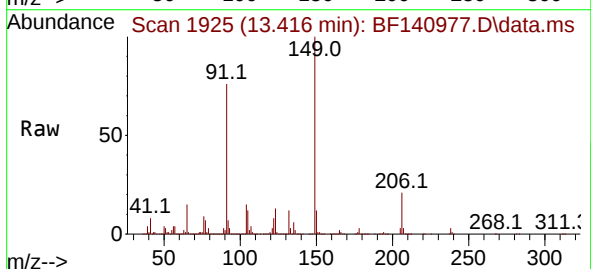
Tgt Ion:149 Resp: 1323506

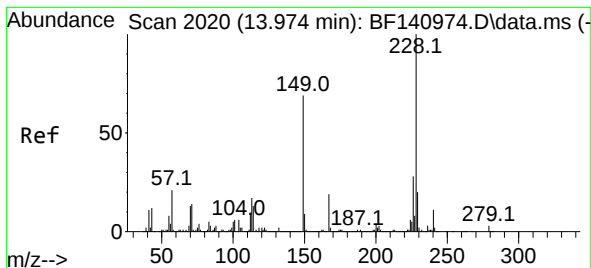
Ion Ratio Lower Upper

149 100

91 76.4 59.5 89.3

206 20.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 71.825 ng

RT: 13.980 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 2440118

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

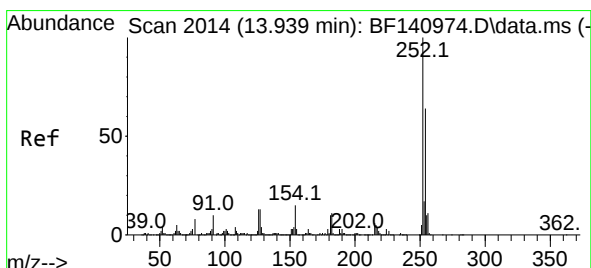
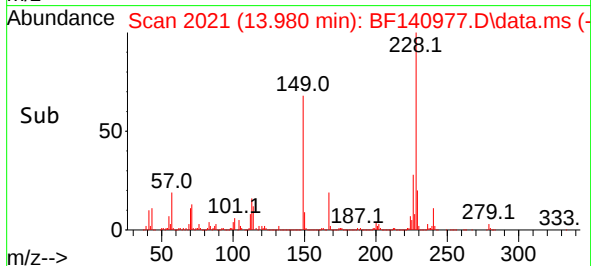
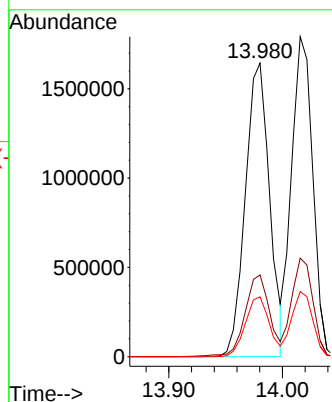
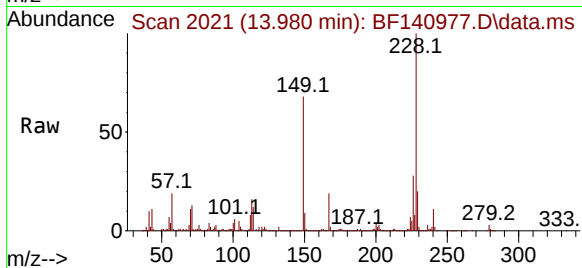
229 20.4 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 72.073 ng

RT: 13.945 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

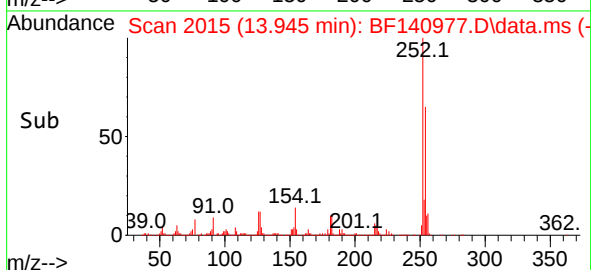
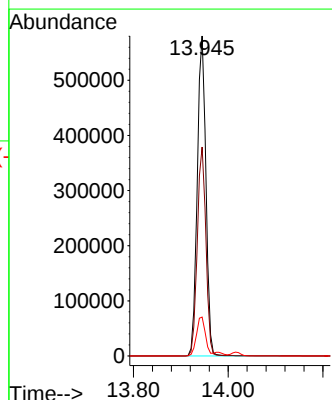
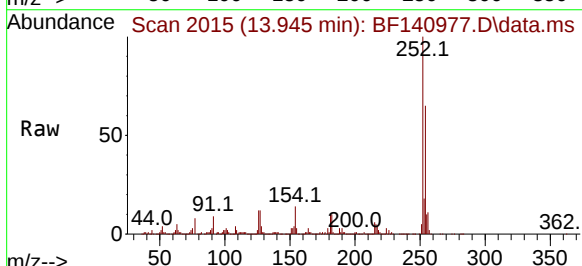
Tgt Ion:252 Resp: 735658

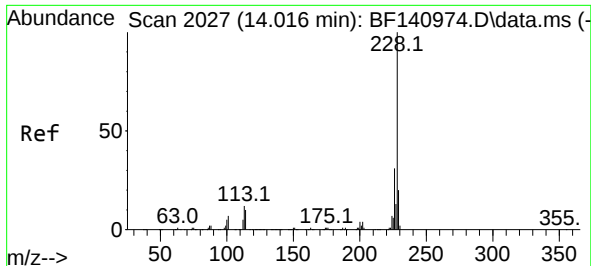
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 12.2 10.3 15.5





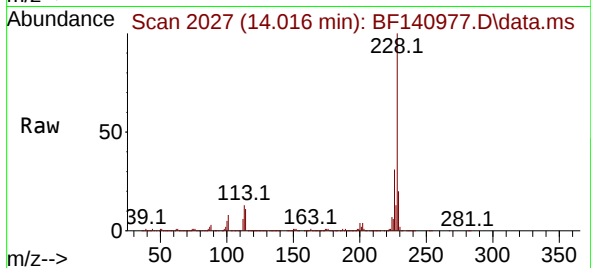
#83
Chrysene
Concen: 75.793 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



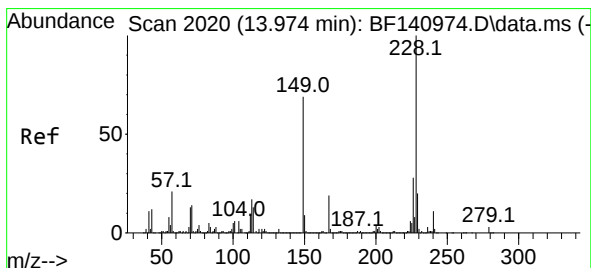
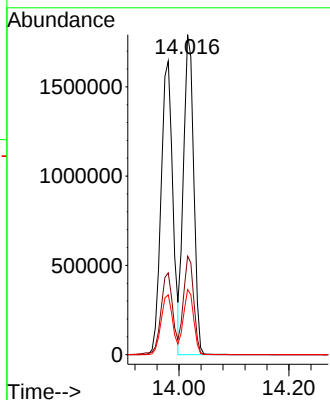
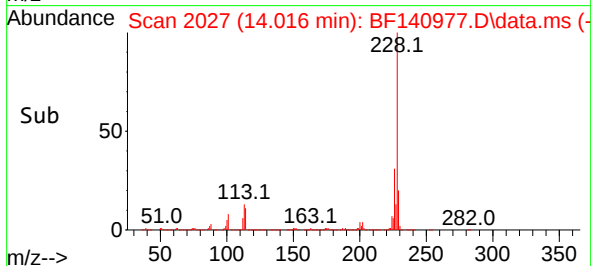
Tgt Ion:228 Resp: 2321200
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 20.4 16.2 24.4

Manual Integrations

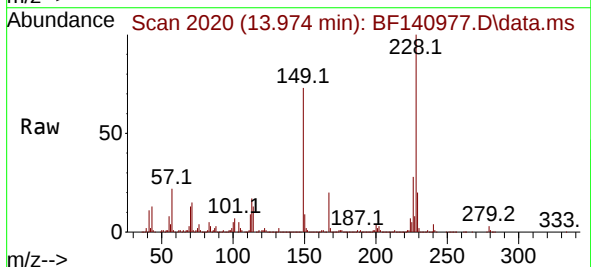
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

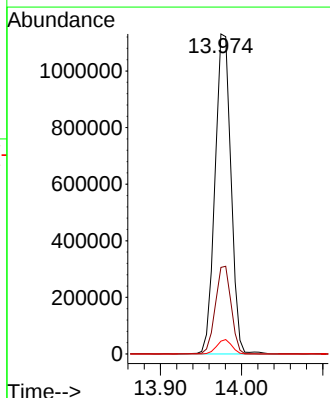
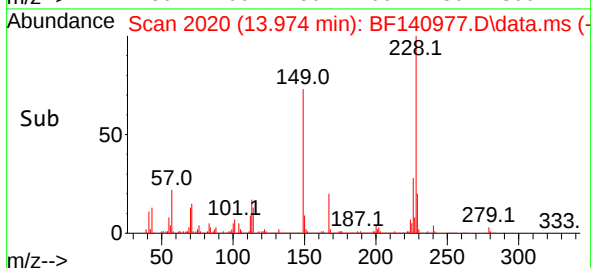
Supervised By :mohammad ahmed 12/27/2024

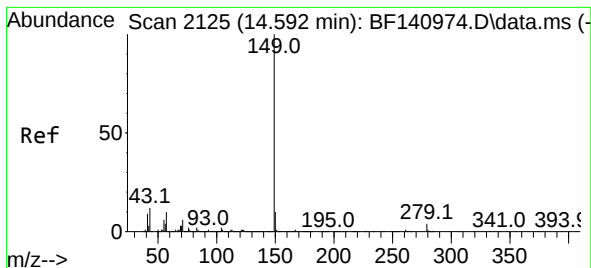


#84
Bis(2-ethylhexyl)phthalate
Concen: 76.541 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25



Tgt Ion:149 Resp: 1545595
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 79.458 ng

RT: 14.598 min Scan# 2125

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 232226

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

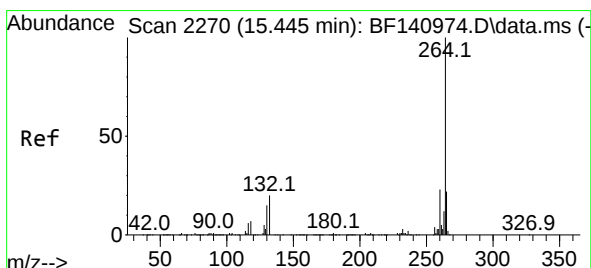
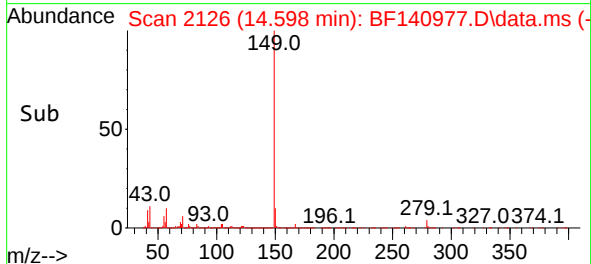
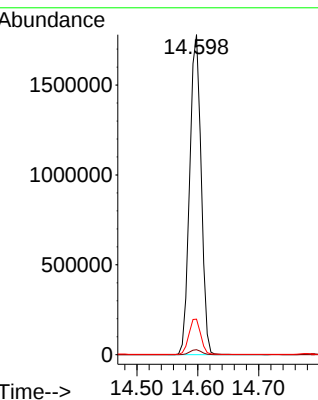
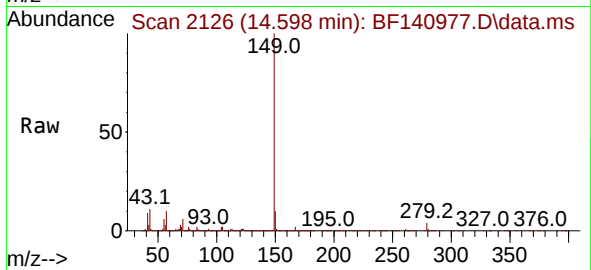
43 11.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

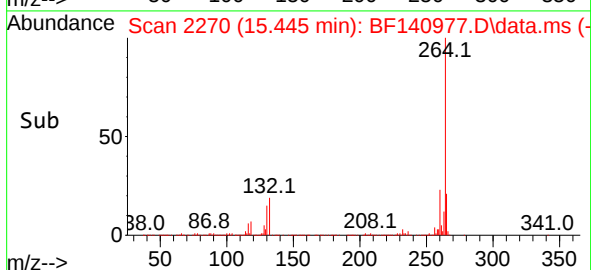
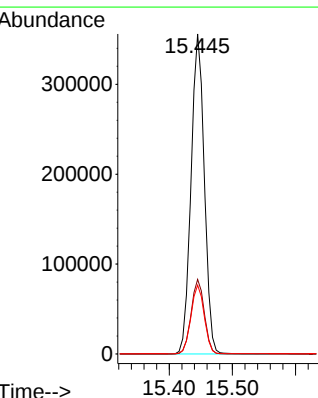
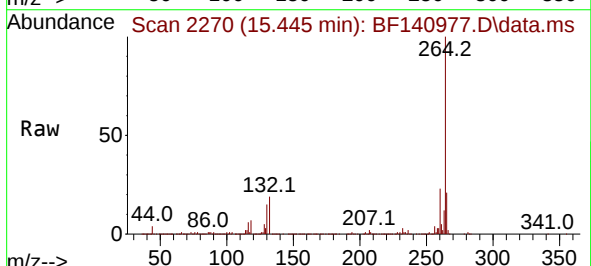
Tgt Ion:264 Resp: 520884

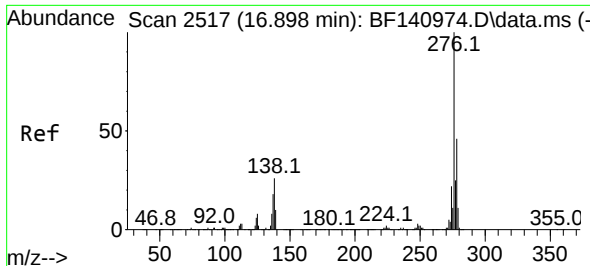
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 88.322 ng
RT: 16.904 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

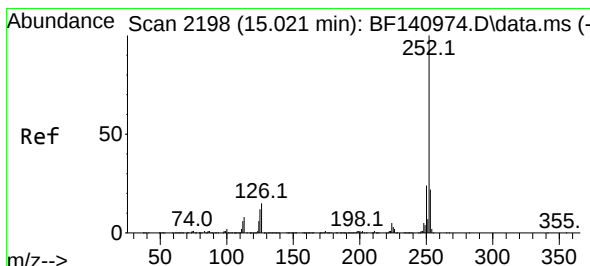
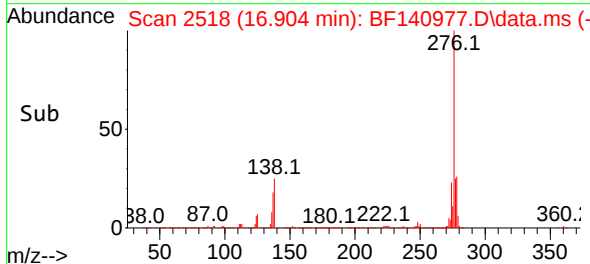
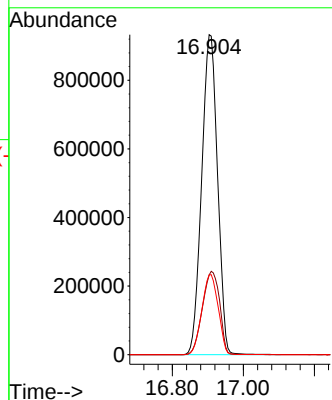
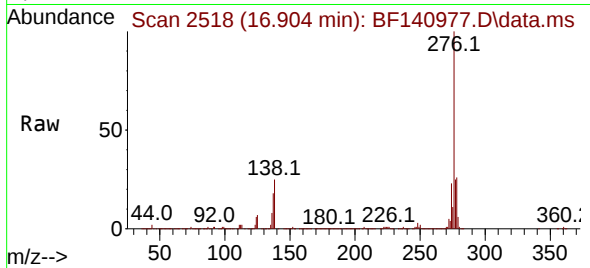
SSTDICC080

Tgt Ion:276 Resp: 2898440
Ion Ratio Lower Upper
276 100
138 28.3 23.1 34.7
277 25.8 20.4 30.6

Manual Integrations

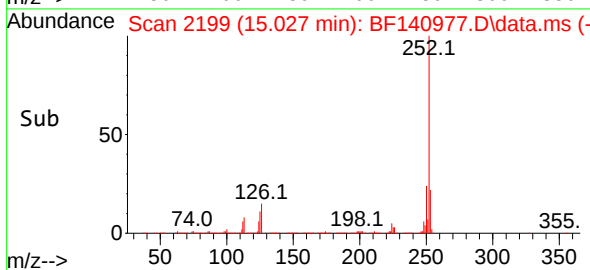
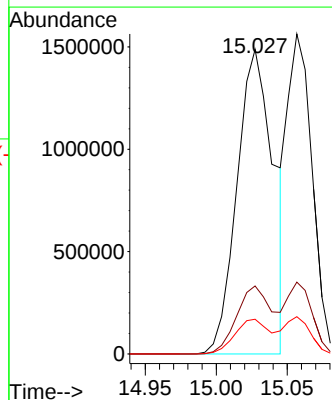
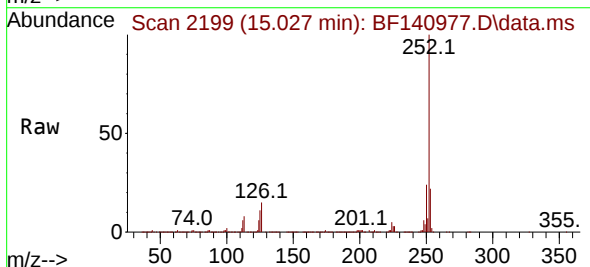
APPROVED

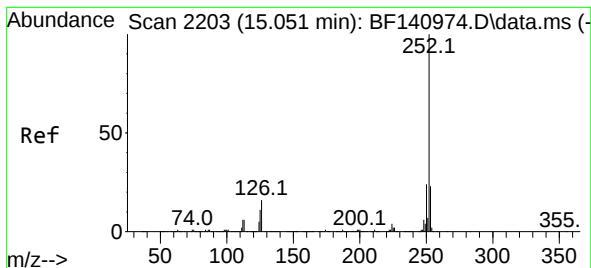
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#88
Benzo(b)fluoranthene
Concen: 73.152 ng
RT: 15.027 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF140977.D
Acq: 26 Dec 2024 19:25

Tgt Ion:252 Resp: 2657521
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.4 9.3 13.9





#89

Benzo(k)fluoranthene

Concen: 66.649 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 189770

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

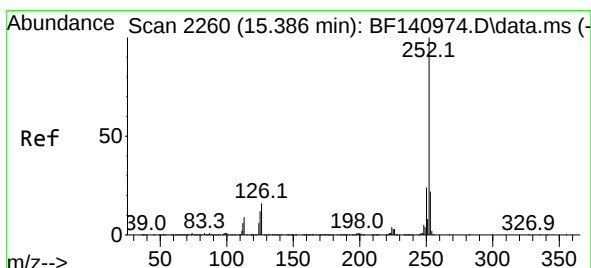
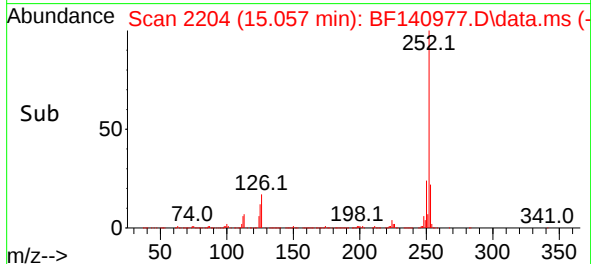
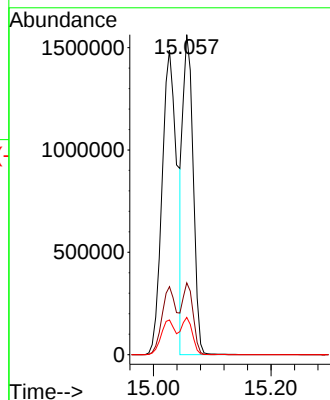
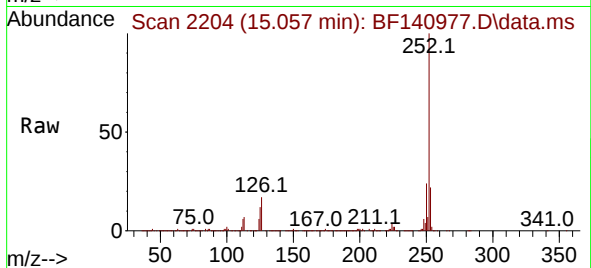
125 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#90

Benzo(a)pyrene

Concen: 74.410 ng

RT: 15.392 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF140977.D

Acq: 26 Dec 2024 19:25

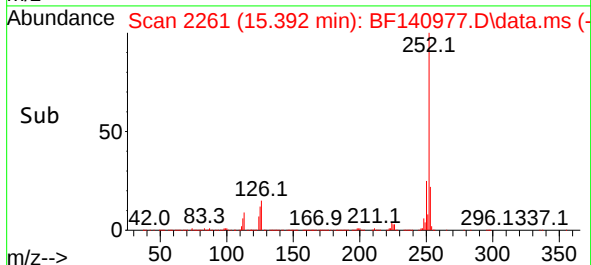
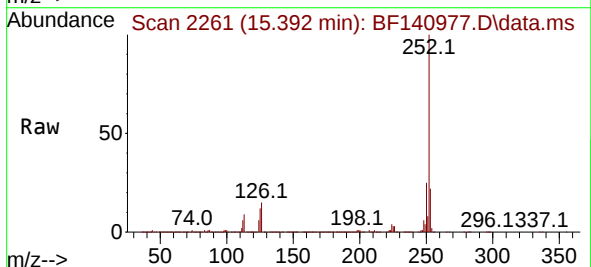
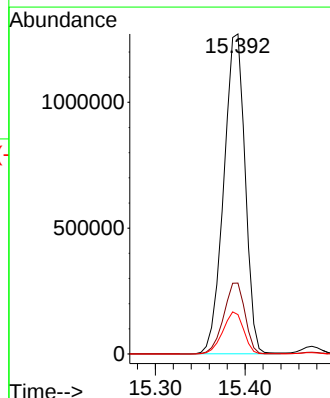
Tgt Ion:252 Resp: 2098162

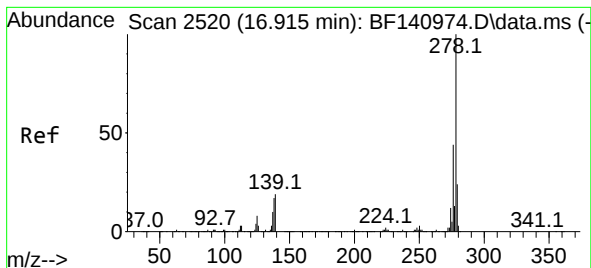
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 12.3 9.8 14.8





#91
 Dibenzo(a,h)anthracene
 Concen: 87.749 ng
 RT: 16.927 min Scan# 2522
 Delta R.T. 0.012 min
 Lab File: BF140977.D
 Acq: 26 Dec 2024 19:25

Instrument :

BNA_F

ClientSampleId :

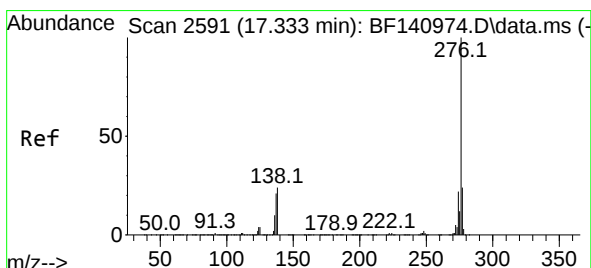
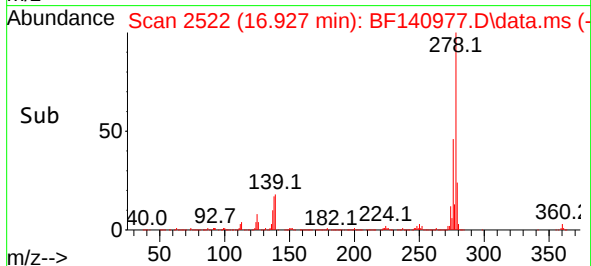
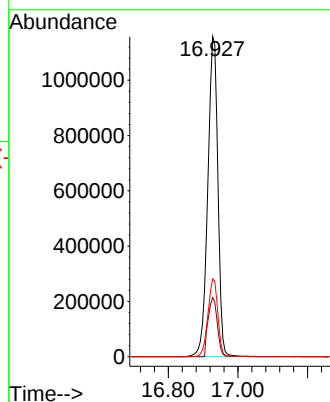
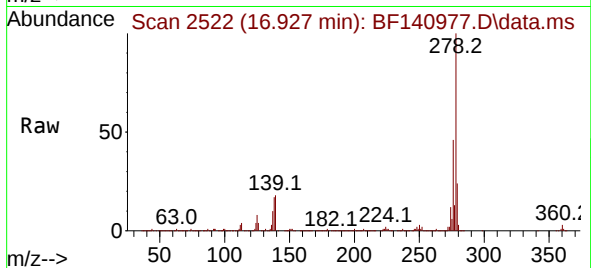
SSTDICC080

Tgt Ion:278 Resp: 233426
 Ion Ratio Lower Upper
 278 100
 139 18.5 14.9 22.3
 279 24.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024



#92
 Benzo(g,h,i)perylene
 Concen: 90.139 ng
 RT: 17.351 min Scan# 2594
 Delta R.T. 0.018 min
 Lab File: BF140977.D
 Acq: 26 Dec 2024 19:25

Tgt Ion:276 Resp: 2487019
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.0 28.4
 138 24.8 19.4 29.2

