

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
 Data File : BF140978.D
 Acq On : 26 Dec 2024 19:52
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122624

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 00:40:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	278910	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1096814	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	586665	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1025959	20.000	ng	0.00
76) Chrysene-d12	13.986	240	614249	20.000	ng	0.00
86) Perylene-d12	15.439	264	543067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1428981	77.230	ng	0.00
7) Phenol-d6	6.451	99	1850114	77.619	ng	0.00
23) Nitrobenzene-d5	7.392	82	1567133	91.412	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	471519	82.713	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2755058	74.821	ng	0.00
79) Terphenyl-d14	12.933	244	3082241	83.347	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	327350	39.078	ng	99
3) Pyridine	3.299	79	802921	39.221	ng	99
4) n-Nitrosodimethylamine	3.252	42	405836	39.126	ng	100
6) Aniline	6.487	93	854884	40.214	ng	99
8) 2-Chlorophenol	6.610	128	885691	45.402	ng	98
9) Benzaldehyde	6.375	77	487130	42.275	ng	100
10) Phenol	6.463	94	1150959	46.698	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	783408	39.366	ng	98
12) 1,3-Dichlorobenzene	6.769	146	836638	38.861	ng	99
13) 1,4-Dichlorobenzene	6.845	146	881416	40.612	ng	100
14) 1,2-Dichlorobenzene	6.998	146	784556	38.772	ng	100
15) Benzyl Alcohol	6.969	79	680874	39.751	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1153471	38.326	ng	99
17) 2-Methylphenol	7.075	107	642058	39.617	ng	100
18) Hexachloroethane	7.345	117	308596	40.027	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	596199	40.828	ng	100
20) 3+4-Methylphenols	7.228	107	806484	39.323	ng	99
22) Acetophenone	7.240	105	1020280	37.920	ng	99
24) Nitrobenzene	7.410	77	844017	44.060	ng	99
25) Isophorone	7.651	82	1437535	38.534	ng	99
26) 2-Nitrophenol	7.728	139	334326	43.185	ng	99
27) 2,4-Dimethylphenol	7.757	122	544355	39.926	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	905816	38.323	ng	100
29) 2,4-Dichlorophenol	7.963	162	622844	40.280	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	721146	41.204	ng	100
31) Naphthalene	8.134	128	2224743	38.493	ng	100
32) Benzoic acid	7.863	122	473862	43.158	ng	97
33) 4-Chloroaniline	8.181	127	819674	39.203	ng	99
34) Hexachlorobutadiene	8.251	225	403377	39.095	ng	100
35) Caprolactam	8.545	113	211002m	40.139	ng	
36) 4-Chloro-3-methylphenol	8.651	107	733502	42.714	ng	99
37) 2-Methylnaphthalene	8.822	142	1417576	38.340	ng	100
38) 1-Methylnaphthalene	8.922	142	1379859	37.974	ng	98
40) 1,2,4,5-Tetrachloroben...	8.986	216	621819	38.527	ng	100
41) Hexachlorocyclopentadiene	8.975	237	216938	40.560	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	431607	40.180	ng	100

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Instrument :
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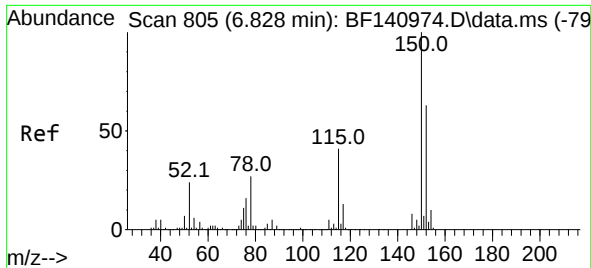
Quant Time: Dec 27 00:40:05 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	446928	40.663	ng	100
46) 1,1'-Biphenyl	9.286	154	1703208	37.916	ng	100
47) 2-Chloronaphthalene	9.310	162	1339282	38.442	ng	100
48) 2-Nitroaniline	9.398	65	389029	43.198	ng	99
49) Acenaphthylene	9.722	152	1919436	38.272	ng	100
50) Dimethylphthalate	9.586	163	1482676	38.422	ng	100
51) 2,6-Dinitrotoluene	9.645	165	329921	42.386	ng	99
52) Acenaphthene	9.898	154	1361911	40.168	ng	100
53) 3-Nitroaniline	9.810	138	360491	42.522	ng	# 98
54) 2,4-Dinitrophenol	9.910	184	110045	45.538	ng	86
55) Dibenzofuran	10.069	168	1825813	38.318	ng	100
56) 4-Nitrophenol	9.957	139	320756	48.593	ng	99
57) 2,4-Dinitrotoluene	10.045	165	425111	44.506	ng	99
58) Fluorene	10.410	166	1391829	37.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	379409	41.681	ng	99
60) Diethylphthalate	10.286	149	1471636	38.629	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	674323	37.928	ng	99
62) 4-Nitroaniline	10.422	138	351313	41.571	ng	98
63) Azobenzene	10.563	77	1538321	38.471	ng	100
65) 4,6-Dinitro-2-methylph...	10.451	198	172455	43.296	ng	100
66) n-Nitrosodiphenylamine	10.522	169	1252782	38.777	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	435284	39.247	ng	100
68) Hexachlorobenzene	10.957	284	475602	38.890	ng	99
69) Atrazine	11.045	200	323638	35.858	ng	98
70) Pentachlorophenol	11.145	266	349248	45.869	ng	99
71) Phenanthrene	11.375	178	2072012	38.373	ng	100
72) Anthracene	11.422	178	2027823	38.325	ng	100
73) Carbazole	11.575	167	1937732	38.096	ng	100
74) Di-n-butylphthalate	11.916	149	2237362	38.673	ng	100
75) Fluoranthene	12.557	202	2209244	37.724	ng	100
77) Benzidine	12.680	184	520577	40.101	ng	100
78) Pyrene	12.786	202	2340872	43.575	ng	100
80) Butylbenzylphthalate	13.410	149	857532	43.715	ng	96
81) Benzo(a)anthracene	13.974	228	1624247	37.941	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	460524	35.805	ng	99
83) Chrysene	14.010	228	1531898	39.695	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1035953	40.713	ng	100
85) Di-n-octyl phthalate	14.592	149	1446783	39.285	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1514165	44.255	ng	100
88) Benzo(b)fluoranthene	15.021	252	1367890	36.115	ng	100
89) Benzo(k)fluoranthene	15.051	252	1203912	40.555	ng	100
90) Benzo(a)pyrene	15.380	252	1132116	38.510	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1241284	44.756	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1297980	45.122	ng	99

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



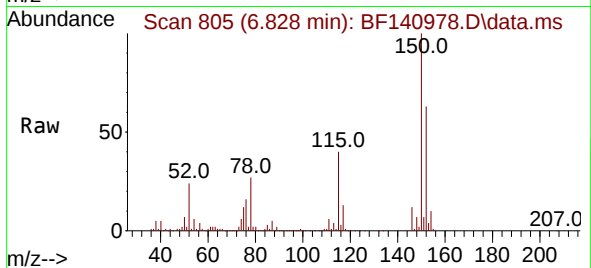
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF140978.D
 Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

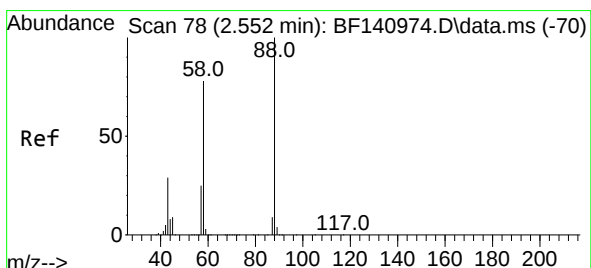
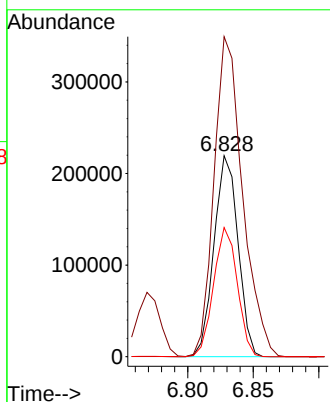
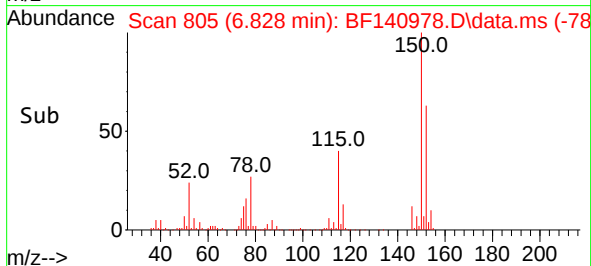


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 Ion Ratio Lower Upper
 152 100
 150 159.2 127.0 190.6
 115 64.3 51.7 77.5

Manual Integrations

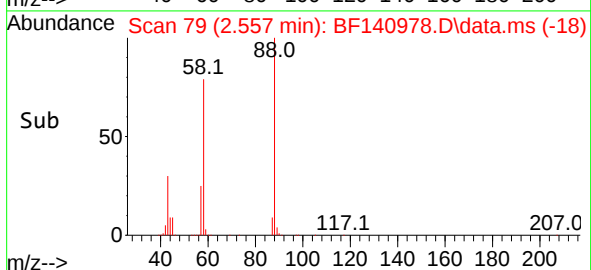
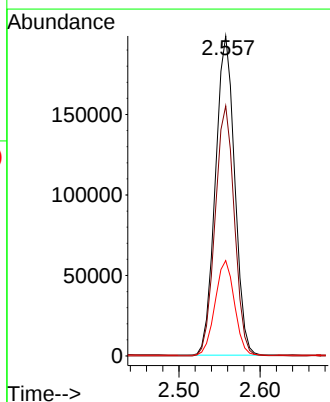
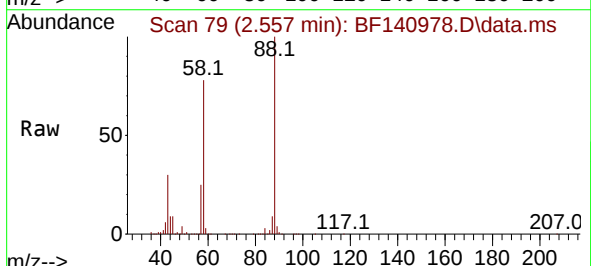
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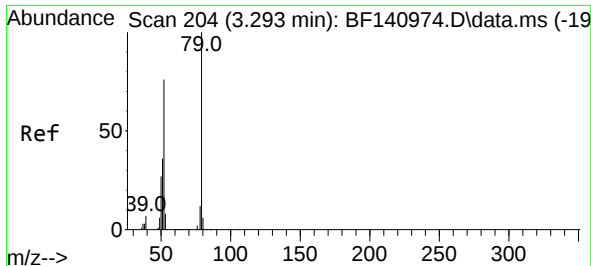
Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :mohammad ahmed 12/27/2024



#2
 1,4-Dioxane
 Concen: 39.078 ng
 RT: 2.557 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF140978.D
 Acq: 26 Dec 2024 19:52

Tgt Ion: 88 Resp: 327350
 Ion Ratio Lower Upper
 88 100
 58 78.3 63.0 94.4
 43 29.7 23.4 35.2





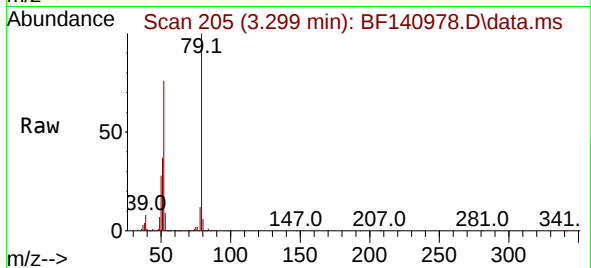
#3
Pyridine
Concen: 39.221 ng
RT: 3.299 min Scan# 204
Delta R.T. 0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

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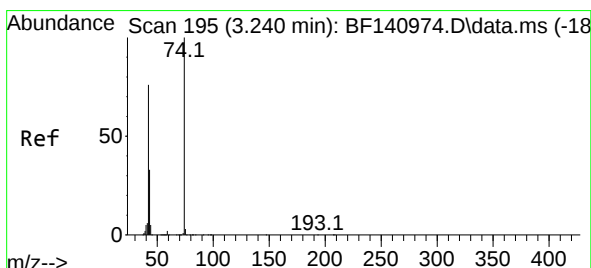
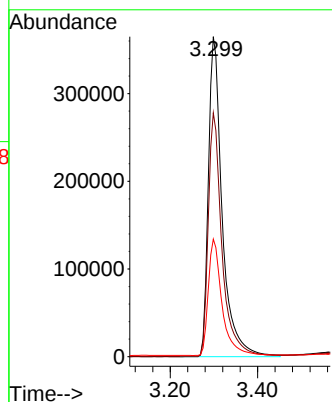
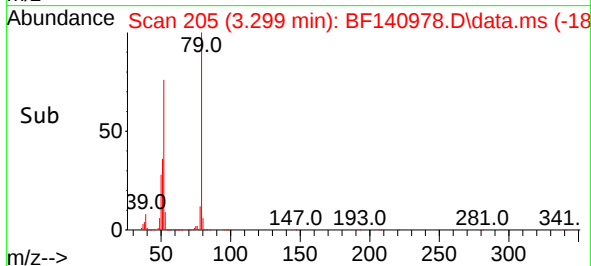
Tgt Ion: 79 Resp: 80292
Ion Ratio Lower Upper
79 100
52 76.2 60.4 90.6
51 36.8 28.8 43.2

Manual Integrations

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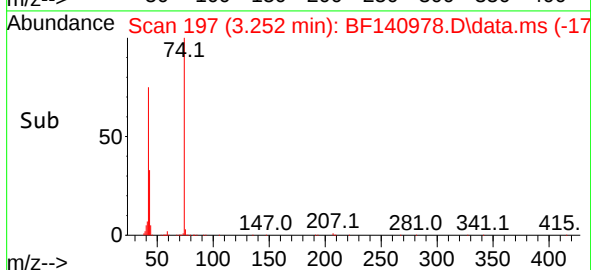
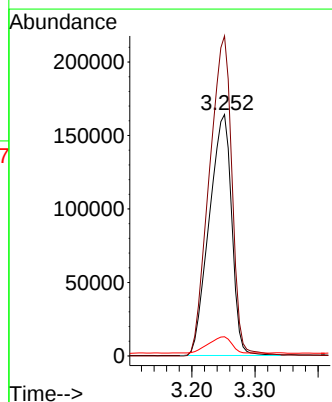
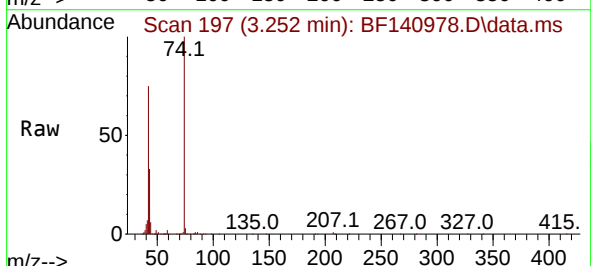
Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#4
n-Nitrosodimethylamine
Concen: 39.126 ng
RT: 3.252 min Scan# 197
Delta R.T. 0.012 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion: 42 Resp: 405836
Ion Ratio Lower Upper
42 100
74 132.5 105.8 158.6
44 7.9 6.6 10.0





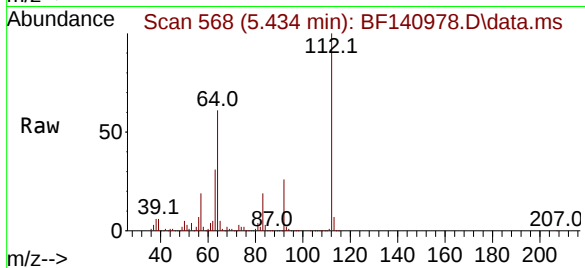
#5
2-Fluorophenol
Concen: 77.230 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

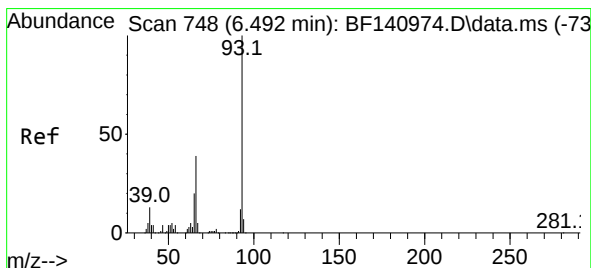
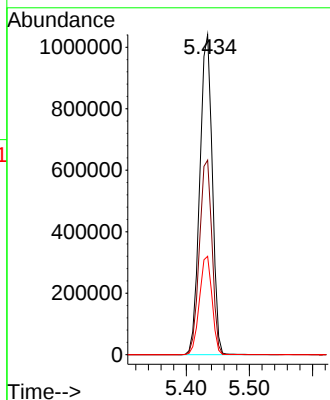
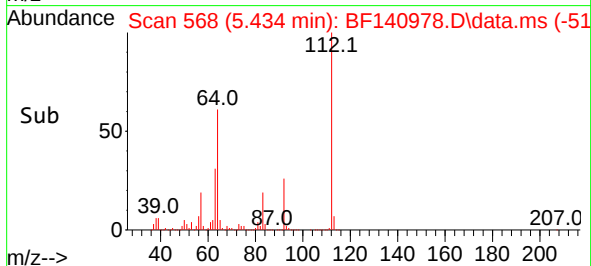
ICVBF122624



Tgt Ion:112 Resp: 142898
Ion Ratio Lower Upper
112 100
64 60.8 47.7 71.5
63 30.7 24.2 36.2

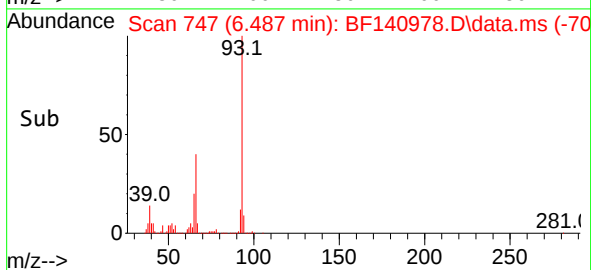
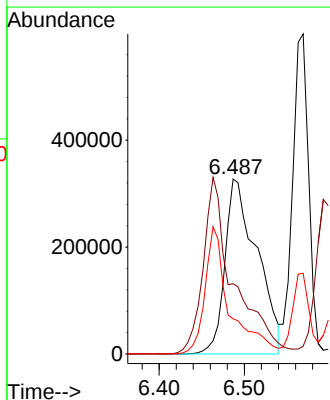
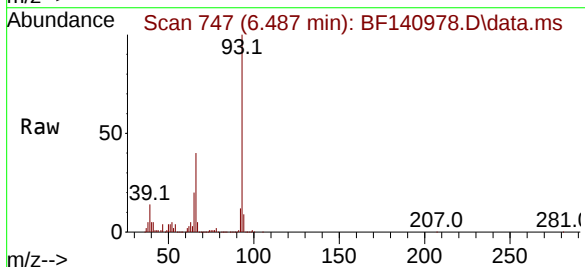
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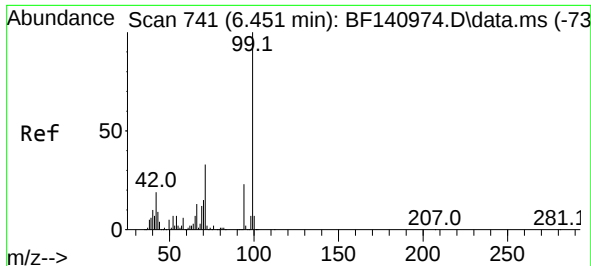
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#6
Aniline
Concen: 40.214 ng
RT: 6.487 min Scan# 747
Delta R.T. -0.024 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion: 93 Resp: 854884
Ion Ratio Lower Upper
93 100
66 40.1 31.8 47.8
65 20.1 15.4 23.0





#7

Phenol-d6

Concen: 77.619 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion: 99 Resp: 1850114

Ion Ratio Lower Upper

99 100

42 19.0 15.0 22.4

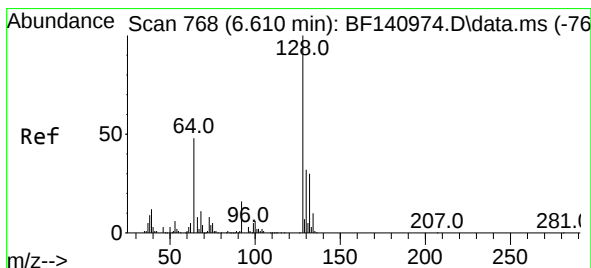
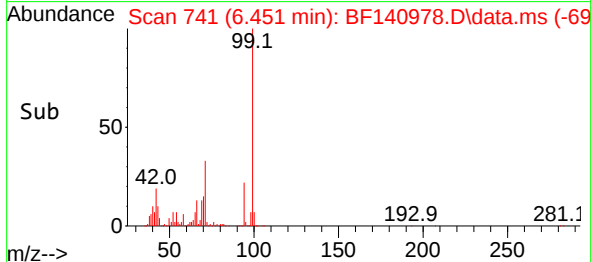
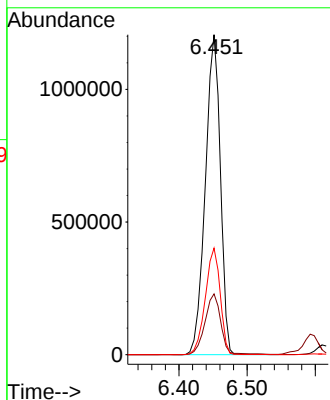
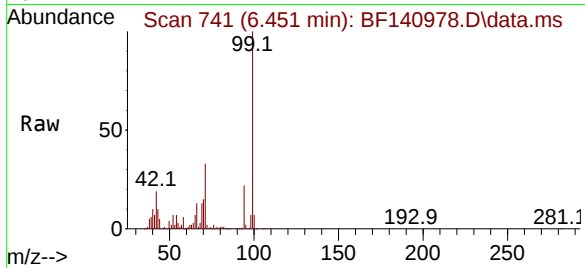
71 33.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#8

2-Chlorophenol

Concen: 45.402 ng

RT: 6.610 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

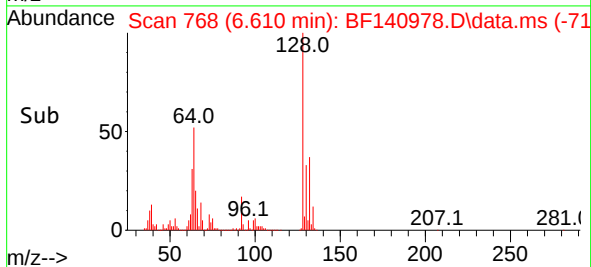
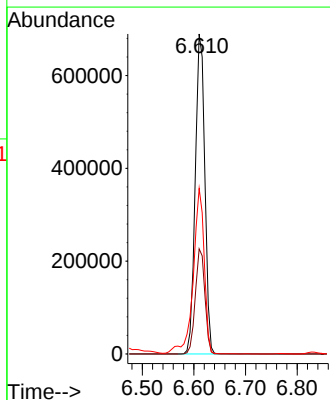
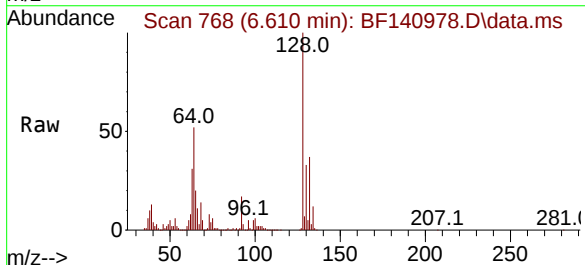
Tgt Ion:128 Resp: 885691

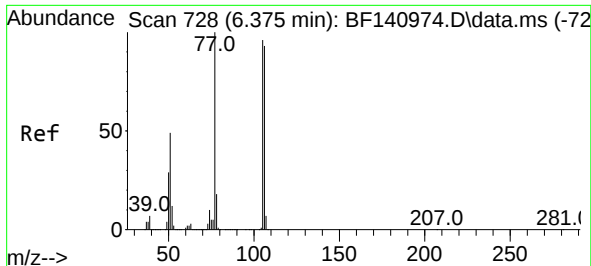
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

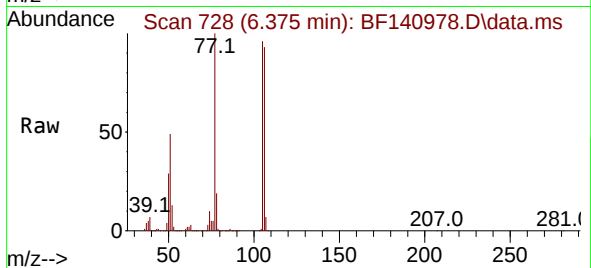
64 51.7 30.3 70.3





#9
Benzaldehyde
Concen: 42.275 ng
RT: 6.375 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

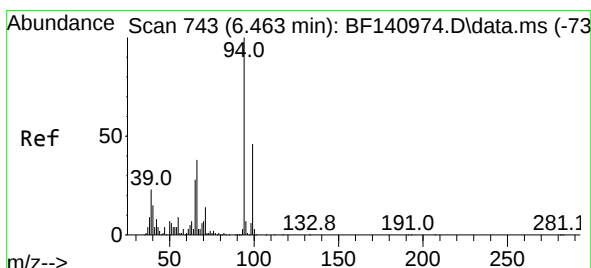
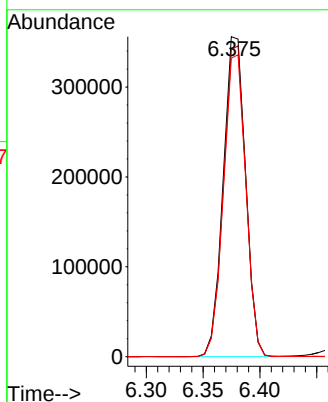
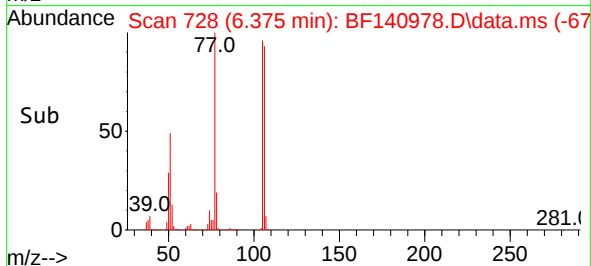
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion: 77 Resp: 487130
Ion Ratio Lower Upper
77 100
105 95.9 76.2 116.2
106 93.2 73.4 113.4

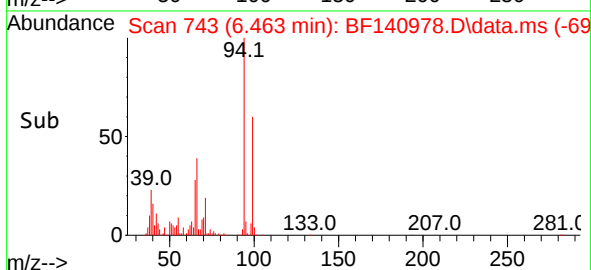
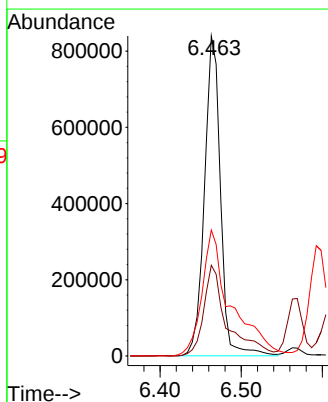
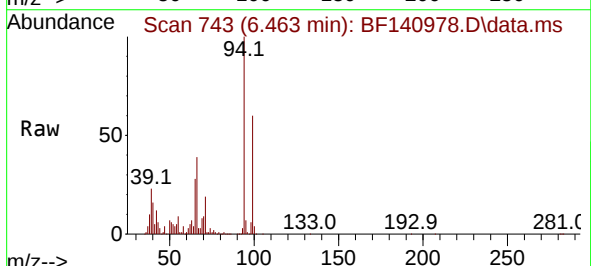
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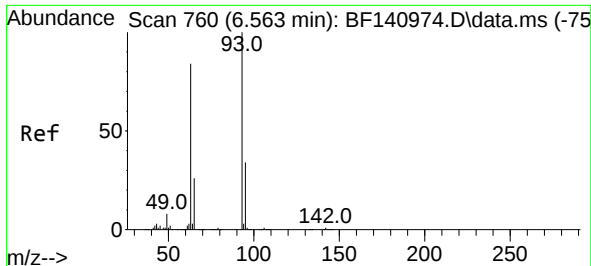
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#10
Phenol
Concen: 46.698 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

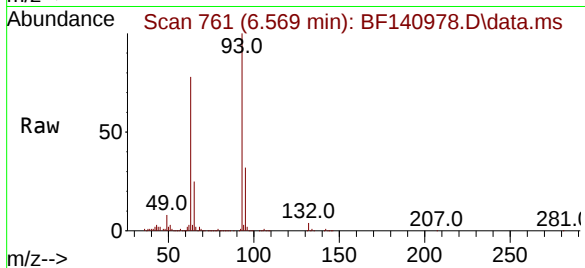
Tgt Ion: 94 Resp: 1150959
Ion Ratio Lower Upper
94 100
65 28.3 8.1 48.1
66 39.4 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 39.366 ng
RT: 6.569 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

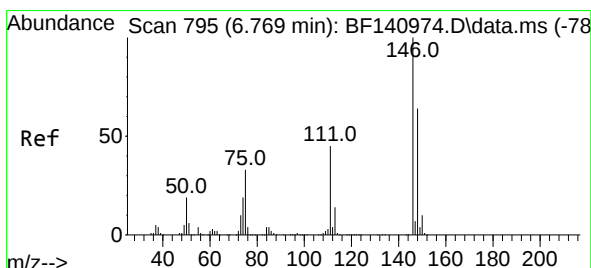
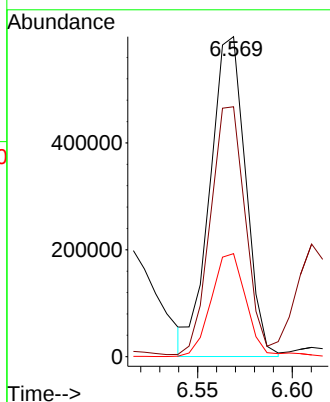
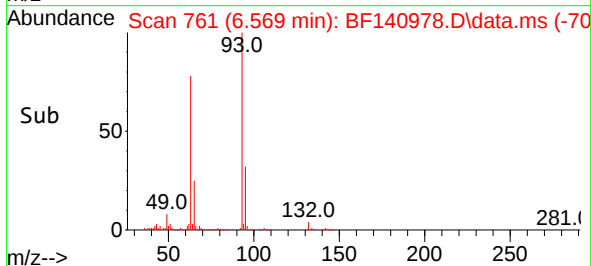
Instrument :
BNA_F
Client Sample Id :
ICVBF122624



Tgt Ion: 93 Resp: 783408
Ion Ratio Lower Upper
93 100
63 78.1 60.3 100.3
95 32.2 12.2 52.2

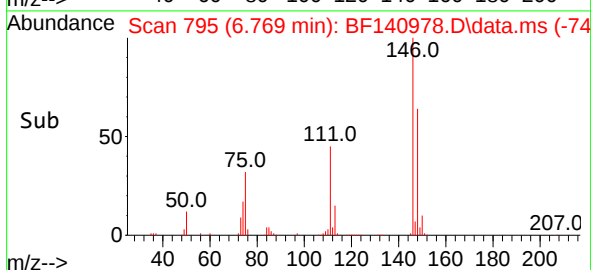
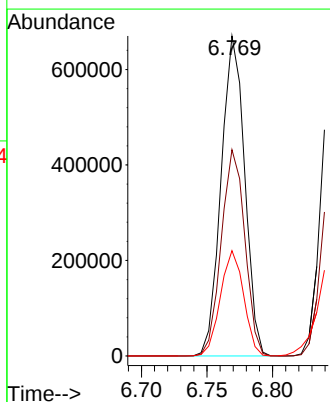
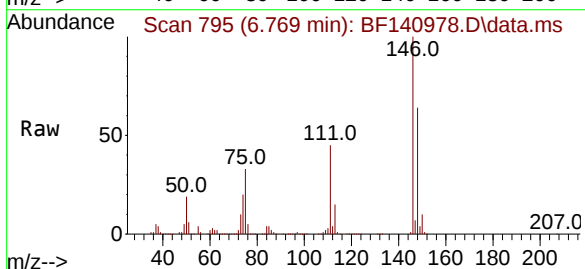
Manual Integrations
APPROVED

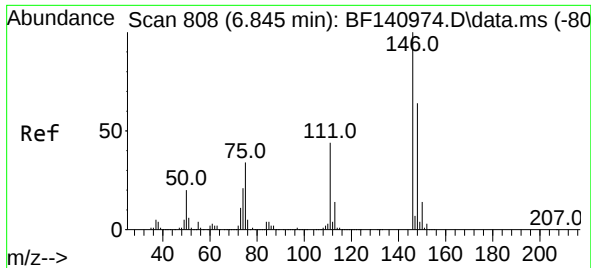
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#12
1,3-Dichlorobenzene
Concen: 38.861 ng
RT: 6.769 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

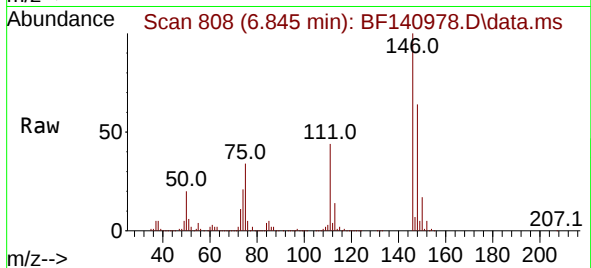
Tgt Ion:146 Resp: 836638
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 32.9 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 40.612 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

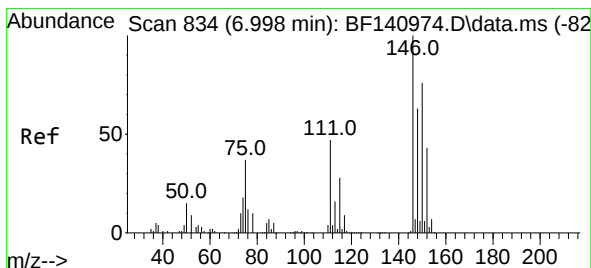
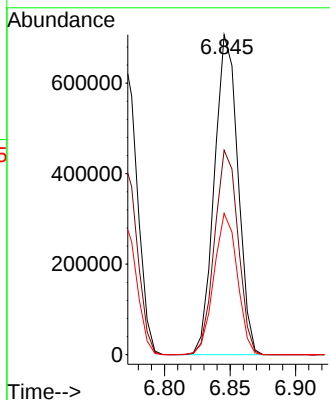
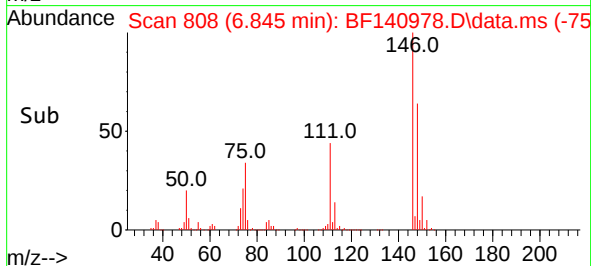
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



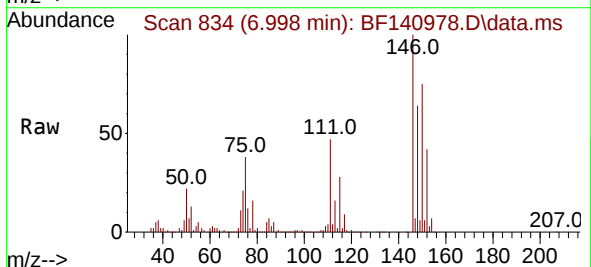
Tgt Ion:146 Resp: 881410
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
111 44.1 35.3 52.9

Manual Integrations
APPROVED

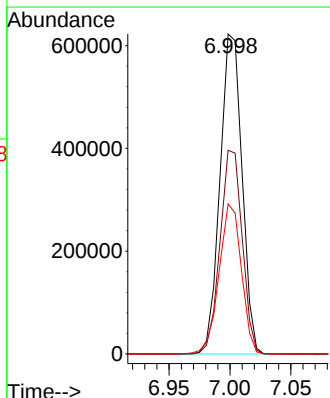
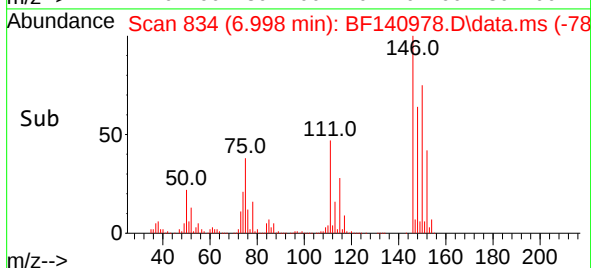
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

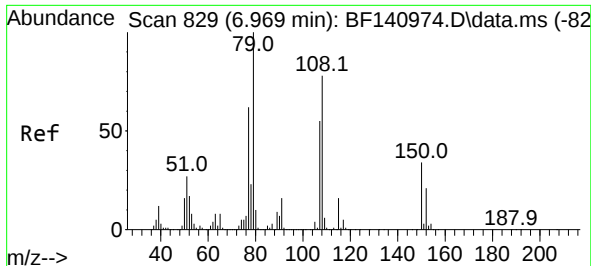


#14
1,2-Dichlorobenzene
Concen: 38.772 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



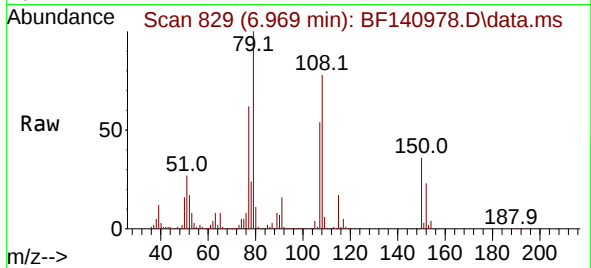
Tgt Ion:146 Resp: 784556
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 46.9 37.3 55.9





#15
Benzyl Alcohol
Concen: 39.751 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

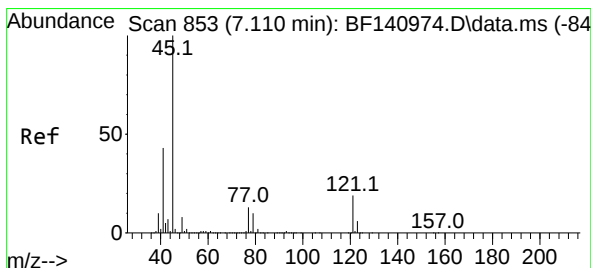
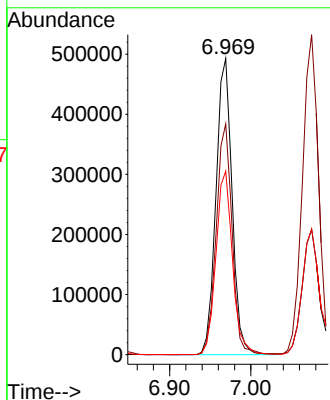
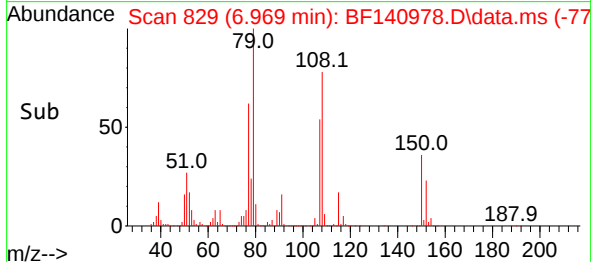
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion: 79 Resp: 680874
Ion Ratio Lower Upper
79 100
108 77.9 62.5 93.7
77 62.0 49.3 73.9

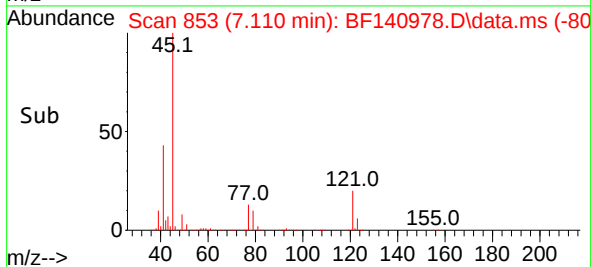
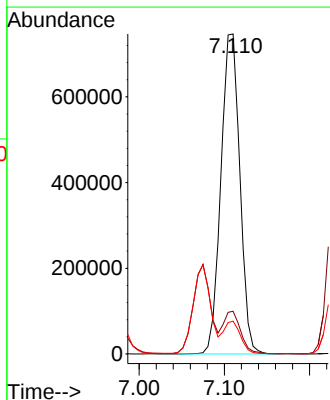
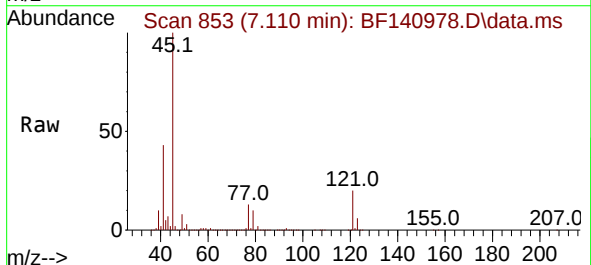
Manual Integrations
APPROVED

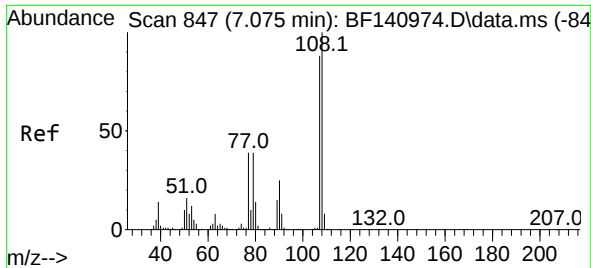
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.326 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion: 45 Resp: 1153471
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.1
79 10.3 0.0 30.1





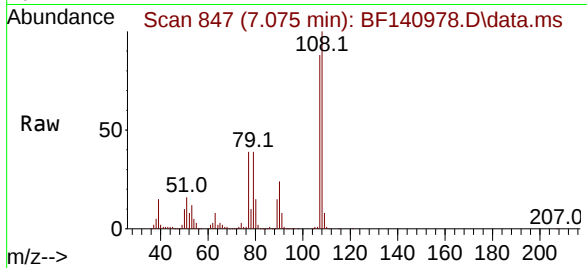
#17
2-Methylphenol
Concen: 39.617 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

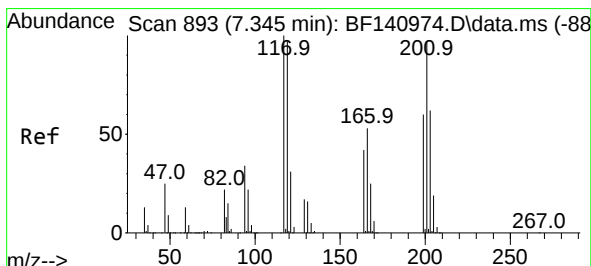
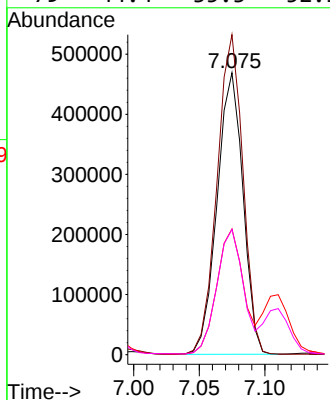
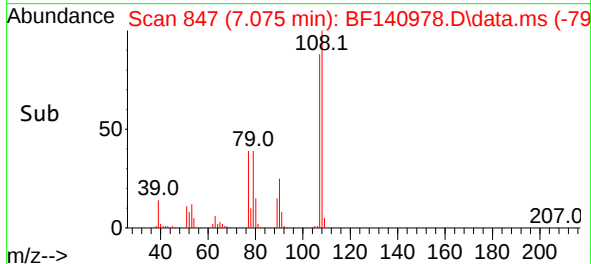


Tgt Ion:107 Resp: 642058
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 44.6 35.3 52.9
79 44.4 35.3 52.9

Manual Integrations

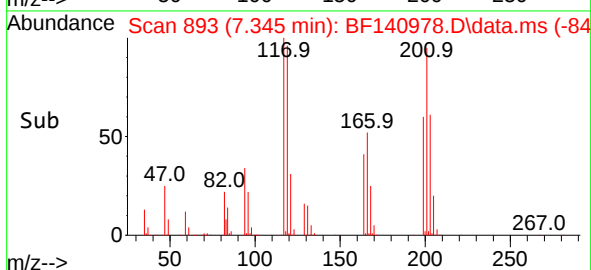
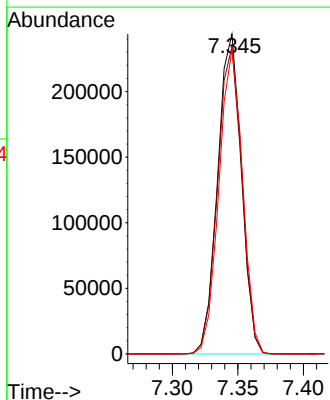
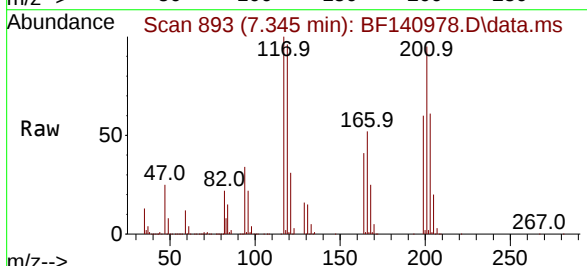
APPROVED

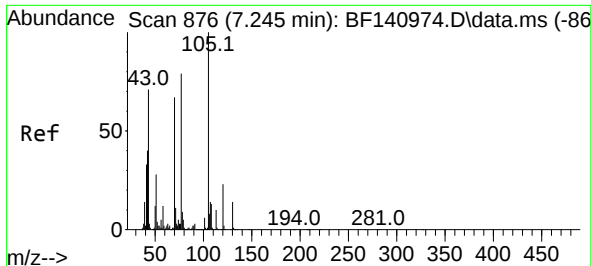
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#18
Hexachloroethane
Concen: 40.027 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:117 Resp: 308596
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3
201 95.1 77.4 116.2





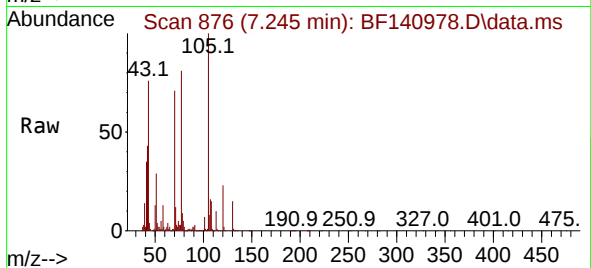
#19
n-Nitroso-di-n-propylamine
Concen: 40.828 ng
RT: 7.245 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



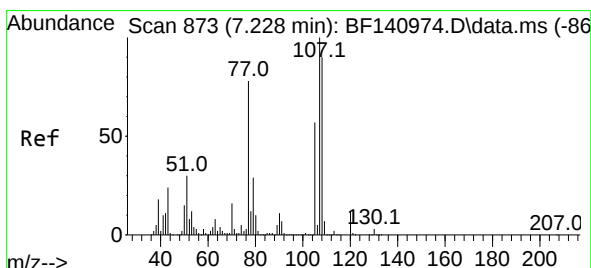
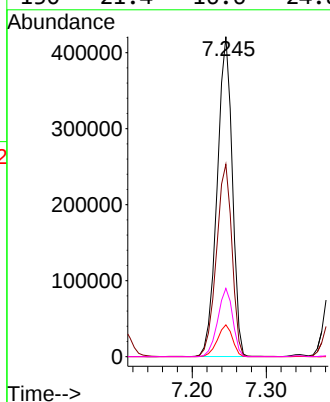
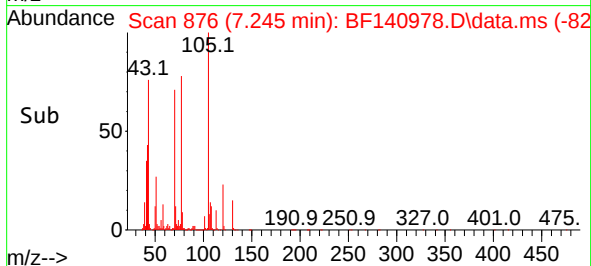
Tgt Ion: 70 Resp: 596199
Ion Ratio Lower Upper
70 100
42 60.1 48.1 72.1
101 9.9 7.6 11.4
130 21.4 16.6 24.8

Manual Integrations

APPROVED

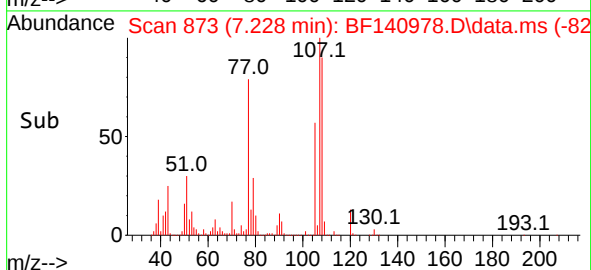
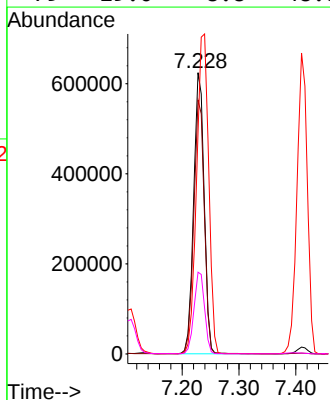
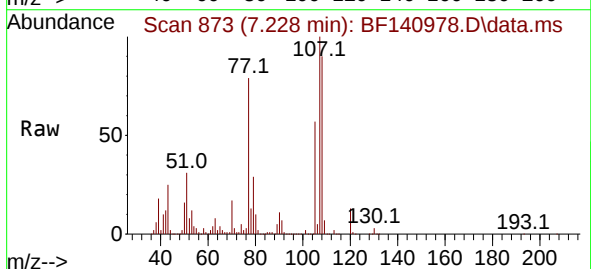
Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#20
3+4-Methylphenols
Concen: 39.323 ng
RT: 7.228 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:107 Resp: 806484
Ion Ratio Lower Upper
107 100
108 90.2 69.6 109.6
77 78.8 57.6 97.6
79 29.0 8.8 48.8





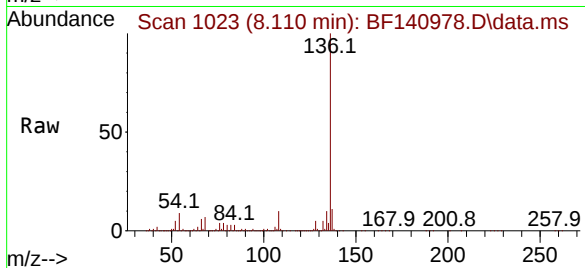
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



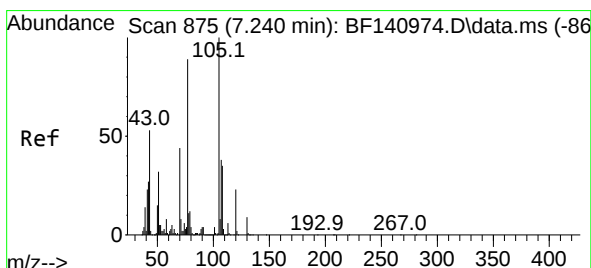
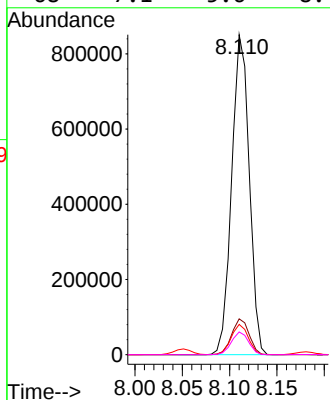
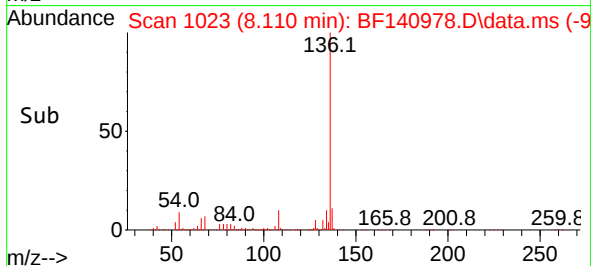
Tgt Ion:136 Resp: 1096814
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 9.5 7.6 11.4
68 7.1 5.6 8.4

Manual Integrations

APPROVED

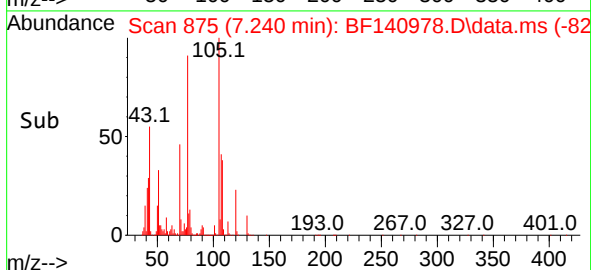
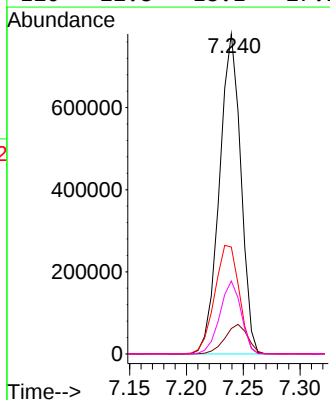
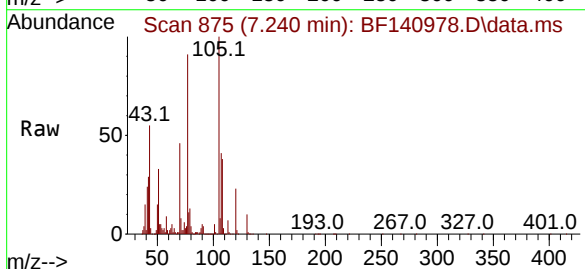
Reviewed By :Yogesh Patel 12/27/2024

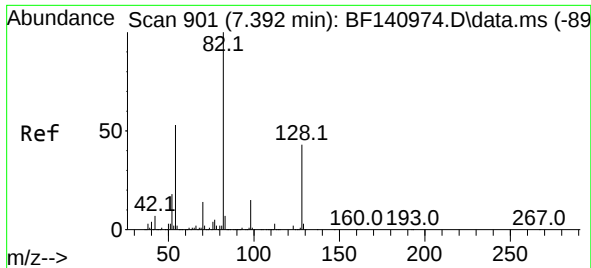
Supervised By :mohammad ahmed 12/27/2024



#22
Acetophenone
Concen: 37.920 ng
RT: 7.240 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:105 Resp: 1020280
Ion Ratio Lower Upper
105 100
71 7.9 6.1 9.1
51 33.4 25.8 38.6
120 22.8 18.1 27.1





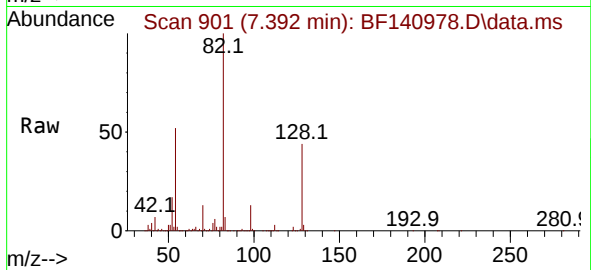
#23
Nitrobenzene-d5
Concen: 91.412 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



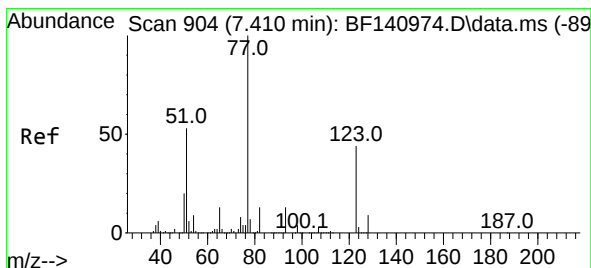
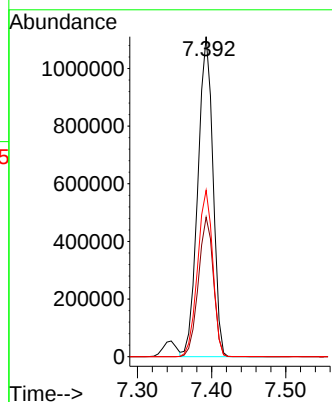
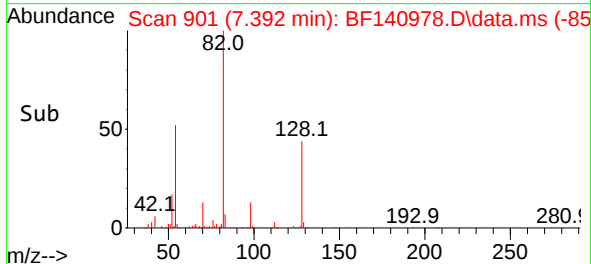
Tgt Ion: 82 Resp: 156713
Ion Ratio Lower Upper
82 100
128 43.6 34.4 51.6
54 52.0 42.4 63.6

Manual Integrations

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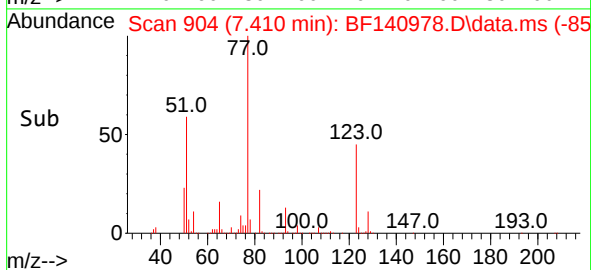
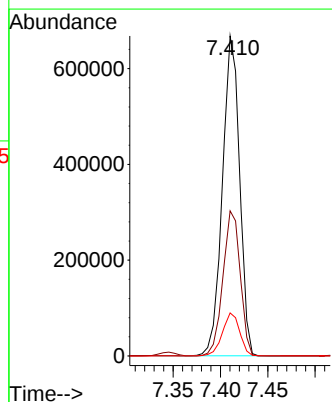
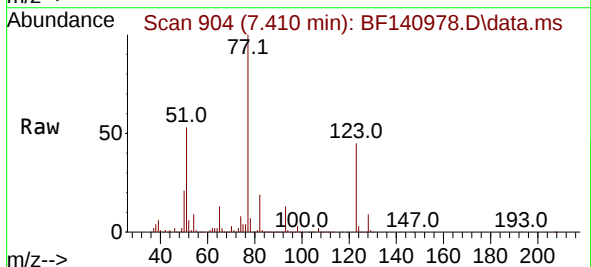
Reviewed By :Yogesh Patel 12/27/2024

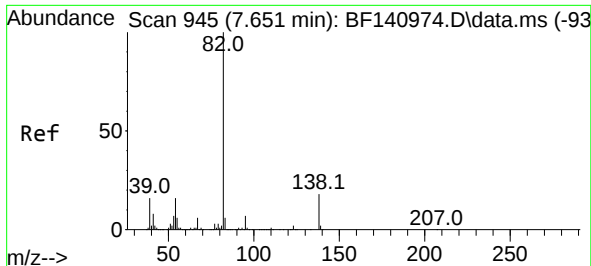
Supervised By :mohammad ahmed 12/27/2024



#24
Nitrobenzene
Concen: 44.060 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

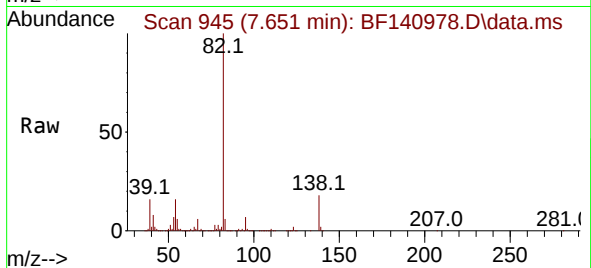
Tgt Ion: 77 Resp: 844017
Ion Ratio Lower Upper
77 100
123 45.3 35.4 53.2
65 13.4 10.7 16.1





#25
Isophorone
Concen: 38.534 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

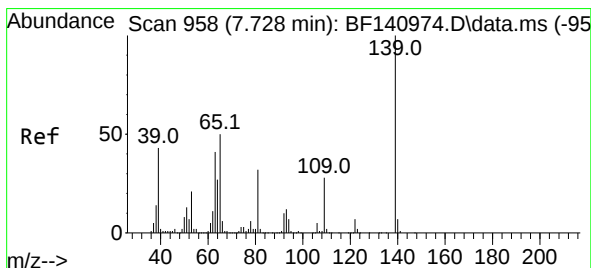
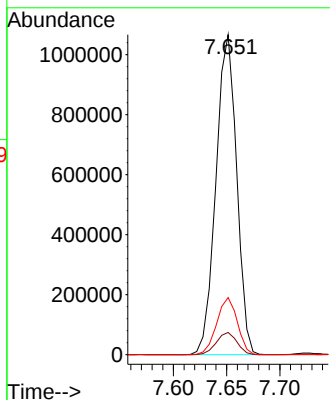
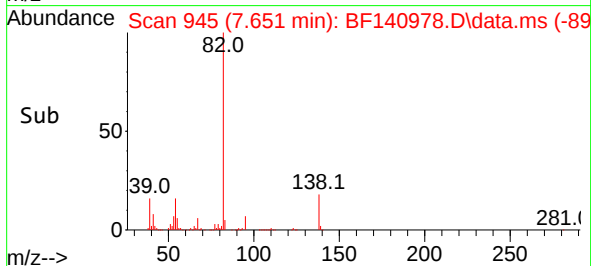
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion: 82 Resp: 143753
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.8 14.6 21.8

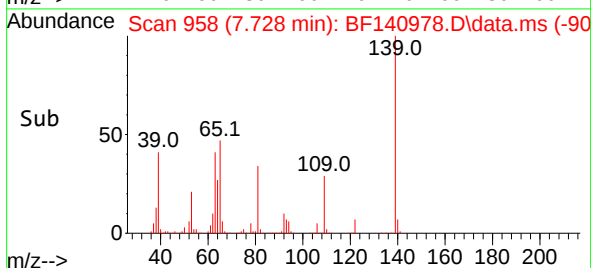
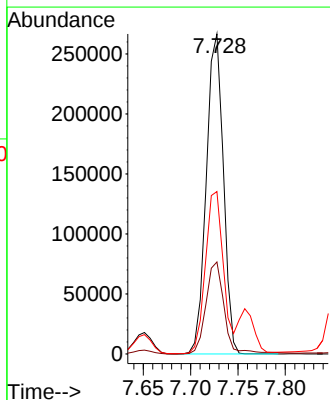
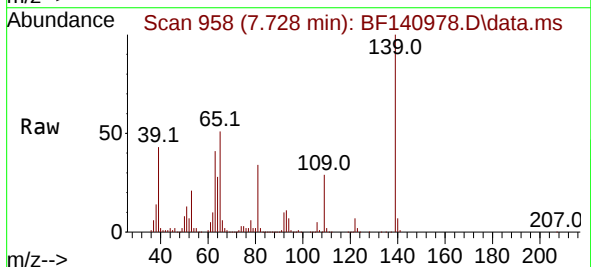
Manual Integrations
APPROVED

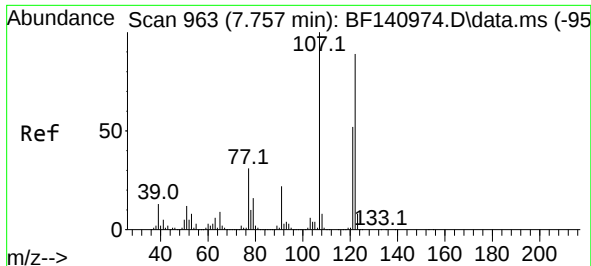
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#26
2-Nitrophenol
Concen: 43.185 ng
RT: 7.728 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:139 Resp: 334326
Ion Ratio Lower Upper
139 100
109 28.8 22.2 33.4
65 50.7 40.2 60.4





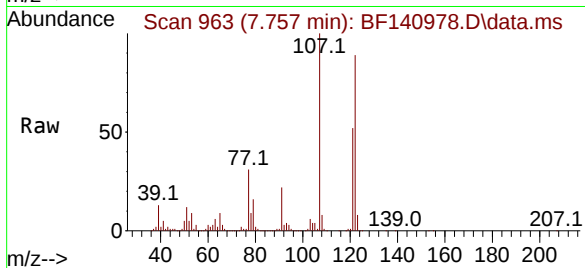
#27
2,4-Dimethylphenol
Concen: 39.926 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



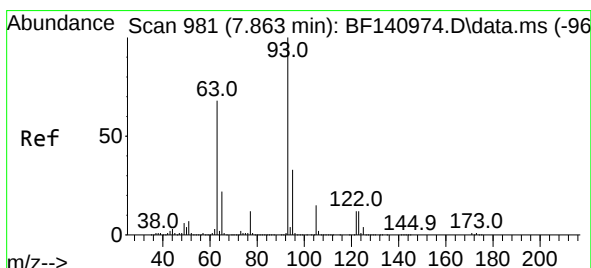
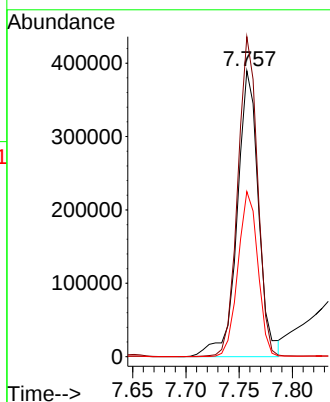
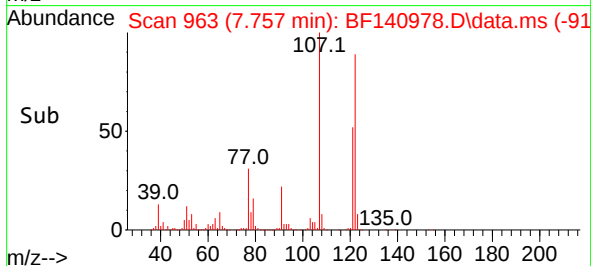
Tgt Ion:122 Resp: 54435
Ion Ratio Lower Upper
122 100
107 111.9 89.4 134.2
121 57.8 46.7 70.1

Manual Integrations

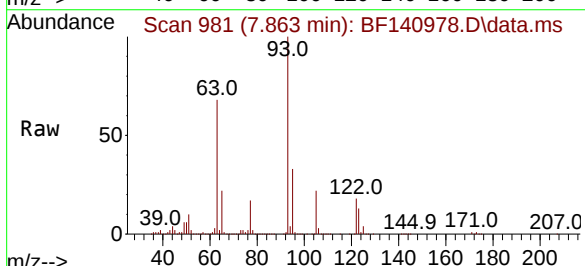
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

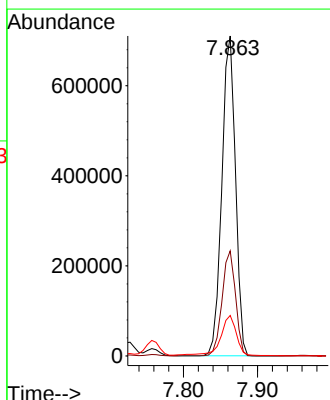
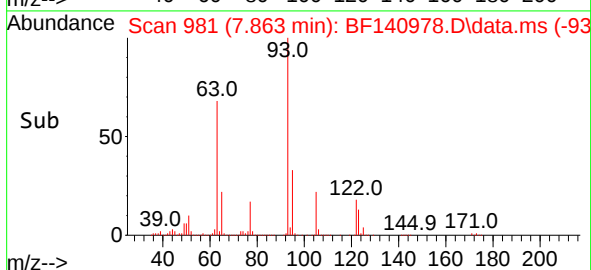
Supervised By :mohammad ahmed 12/27/2024

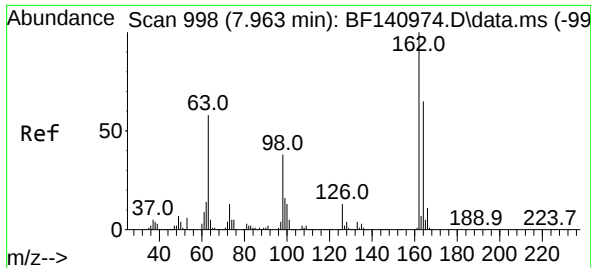


#28
bis(2-Chloroethoxy)methane
Concen: 38.323 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion: 93 Resp: 905816
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 12.6 9.9 14.9





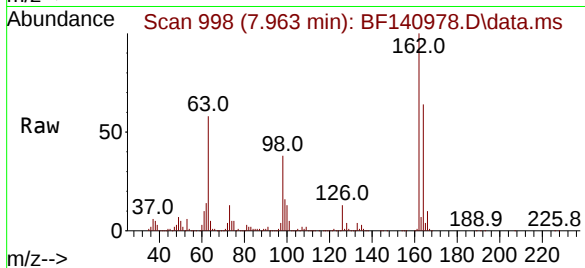
#29
2,4-Dichlorophenol
Concen: 40.280 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

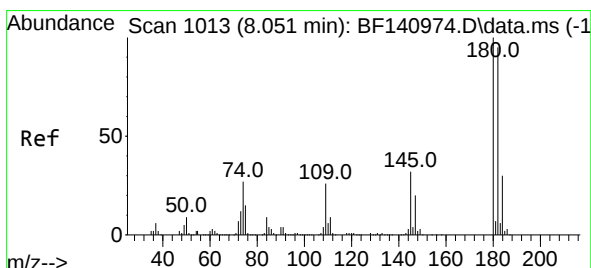
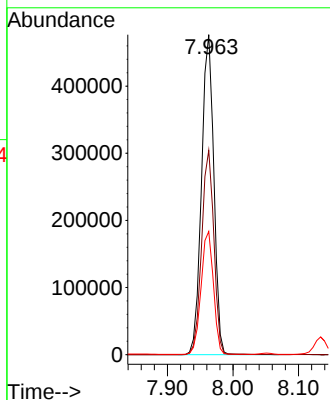
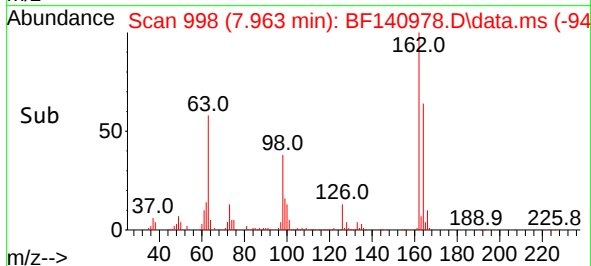


Tgt Ion:162 Resp: 622844
Ion Ratio Lower Upper
162 100
164 63.8 44.8 84.8
98 38.5 18.6 58.6

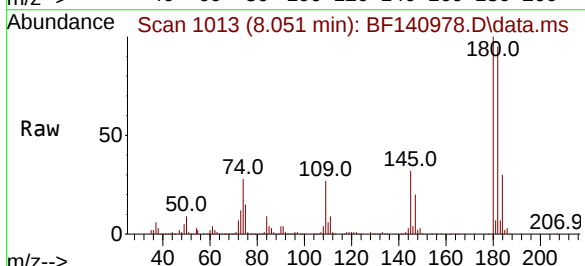
Manual Integrations

APPROVED

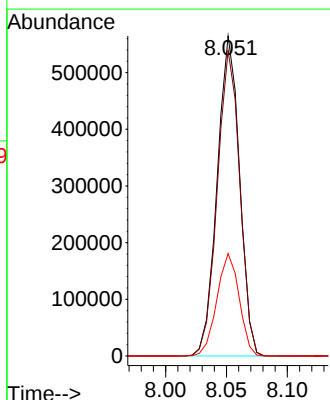
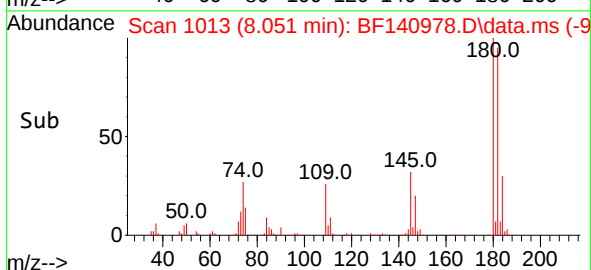
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

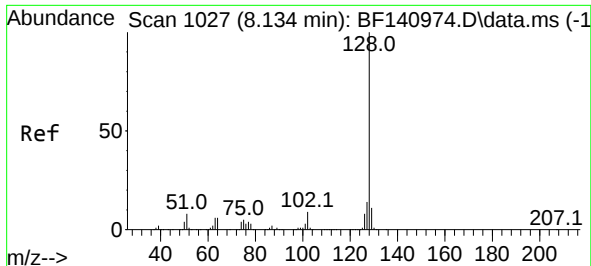


#30
1,2,4-Trichlorobenzene
Concen: 41.204 ng
RT: 8.051 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion:180 Resp: 721146
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.4
145 32.0 25.4 38.2





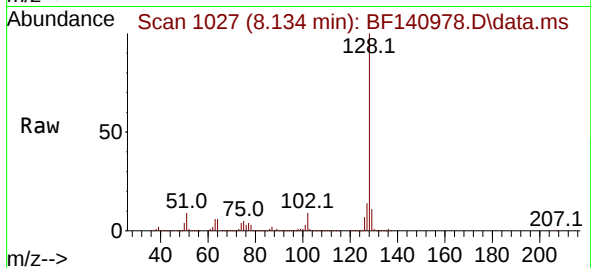
#31
Naphthalene
Concen: 38.493 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



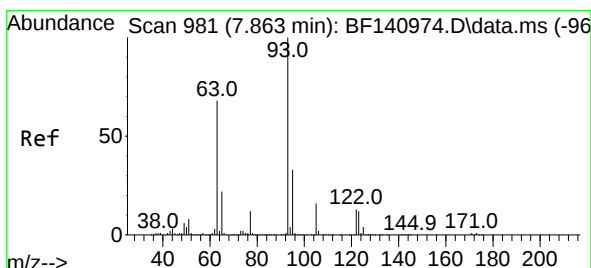
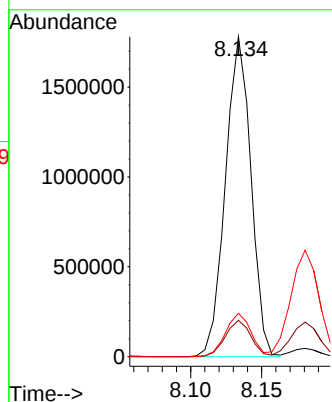
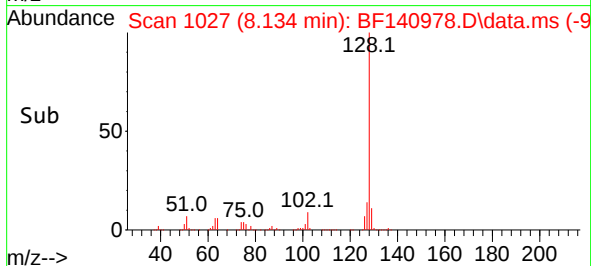
Tgt Ion:128 Resp: 222474
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 11.0 16.4

Manual Integrations

APPROVED

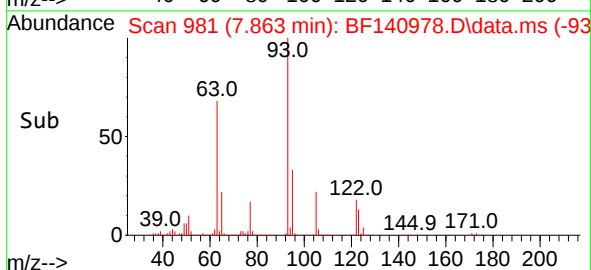
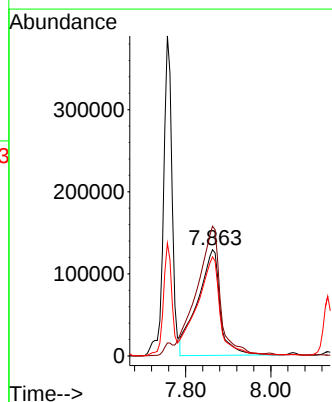
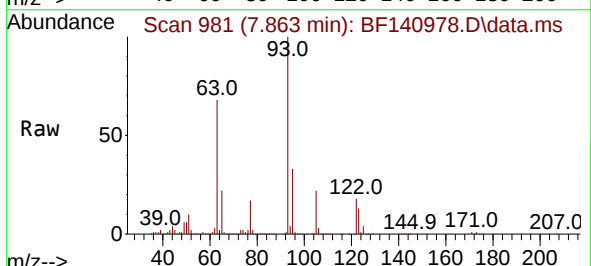
Reviewed By :Yogesh Patel 12/27/2024

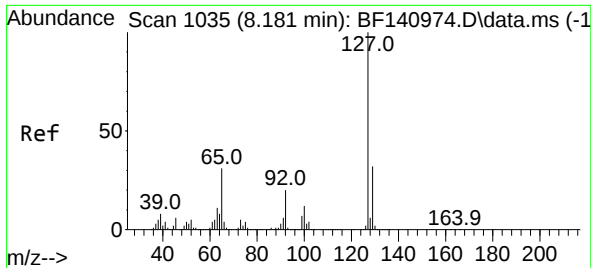
Supervised By :mohammad ahmed 12/27/2024



#32
Benzoic acid
Concen: 43.158 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:122 Resp: 473862
Ion Ratio Lower Upper
122 100
105 122.1 105.4 145.4
77 93.2 76.4 116.4





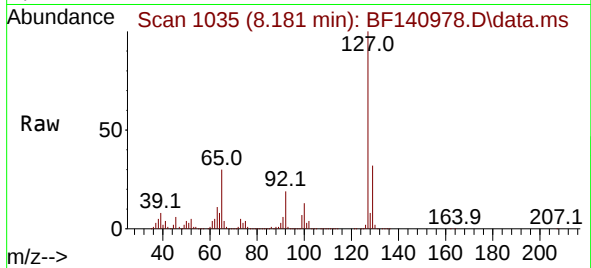
#33
4-Chloroaniline
Concen: 39.203 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



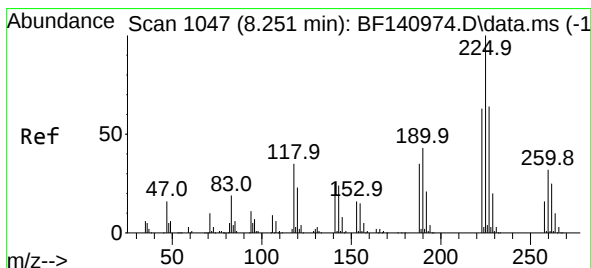
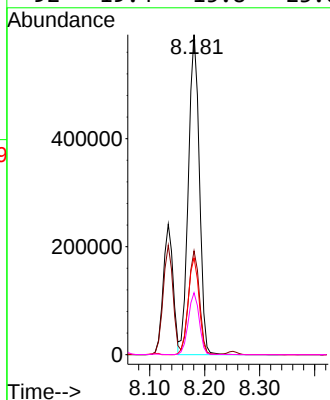
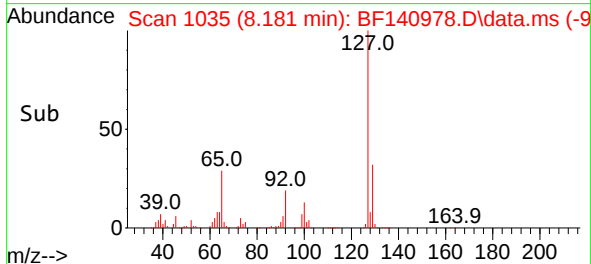
Tgt Ion:127 Resp: 819674
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1
65 30.2 24.6 37.0
92 19.4 15.8 23.6

Manual Integrations

APPROVED

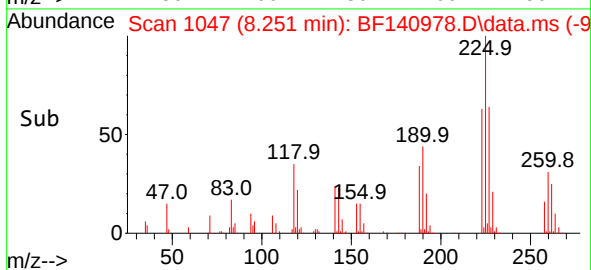
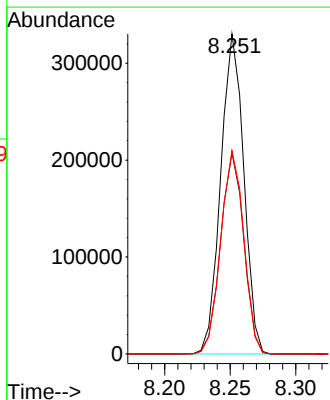
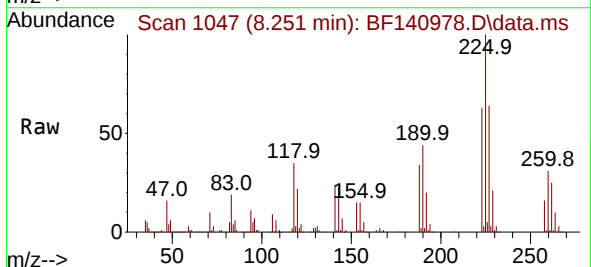
Reviewed By :Yogesh Patel 12/27/2024

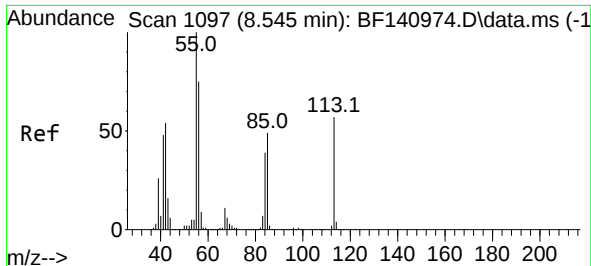
Supervised By :mohammad ahmed 12/27/2024



#34
Hexachlorobutadiene
Concen: 39.095 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:225 Resp: 403377
Ion Ratio Lower Upper
225 100
223 62.7 50.3 75.5
227 63.6 50.8 76.2





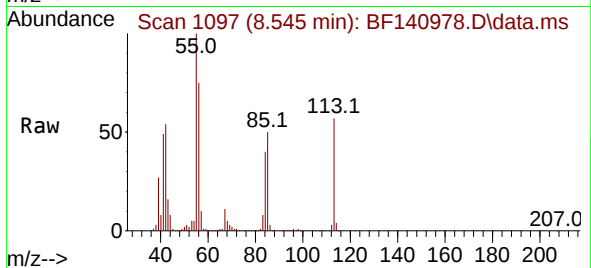
#35
Caprolactam
Concen: 40.139 ng m
RT: 8.545 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



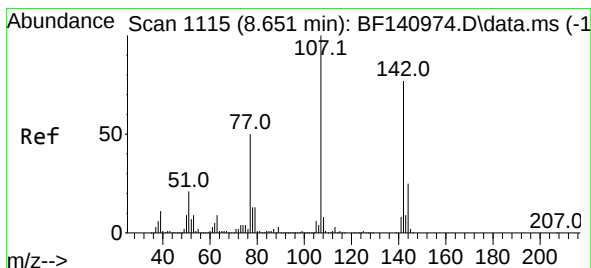
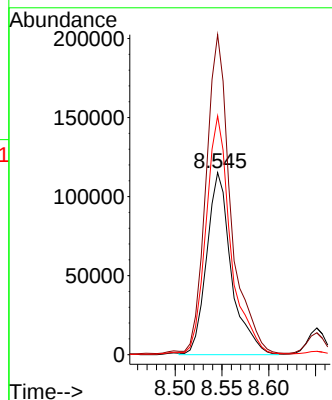
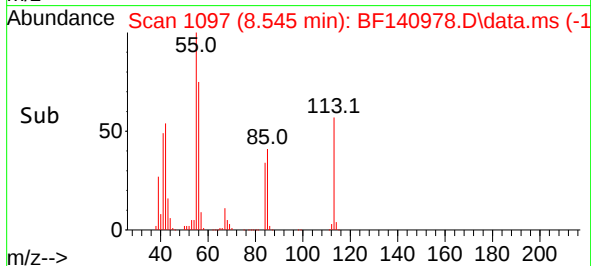
Tgt Ion:113 Resp: 211002
Ion Ratio Lower Upper
113 100
55 175.7 156.6 196.6
56 131.1 111.7 151.7

Manual Integrations

APPROVED

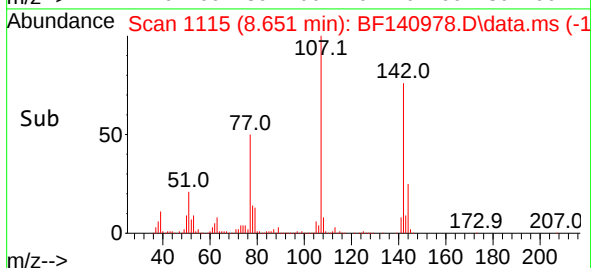
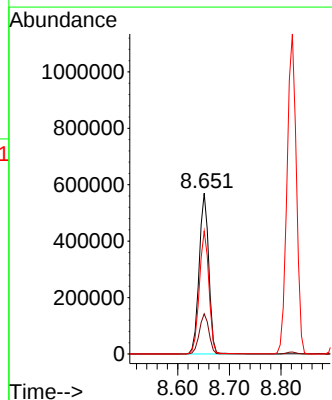
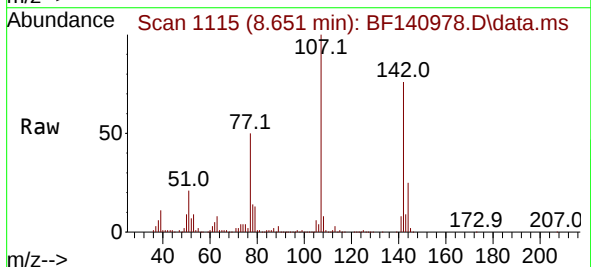
Reviewed By :Yogesh Patel 12/27/2024

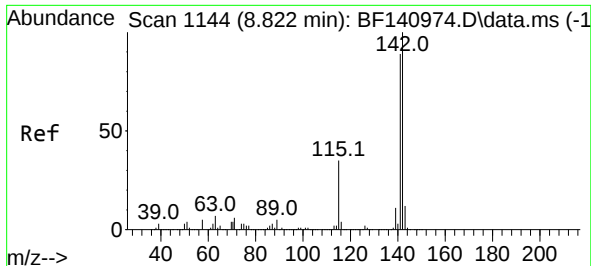
Supervised By :mohammad ahmed 12/27/2024



#36
4-Chloro-3-methylphenol
Concen: 42.714 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:107 Resp: 733502
Ion Ratio Lower Upper
107 100
144 25.0 19.9 29.9
142 76.4 61.8 92.8





#37

2-Methylnaphthalene

Concen: 38.340 ng

RT: 8.822 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:142 Resp: 1417570

Ion Ratio Lower Upper

142 100

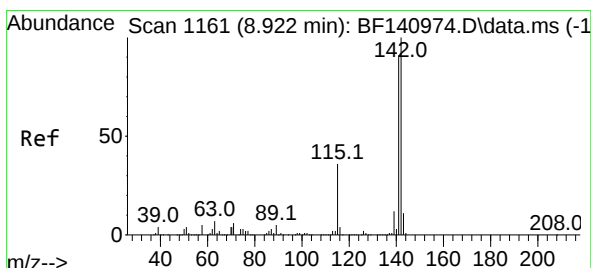
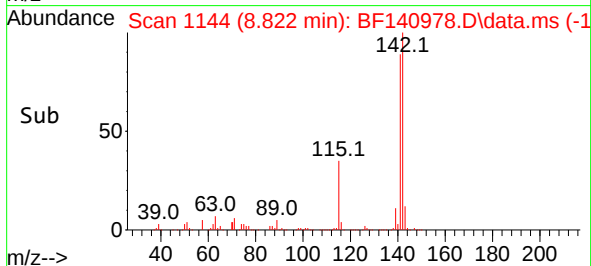
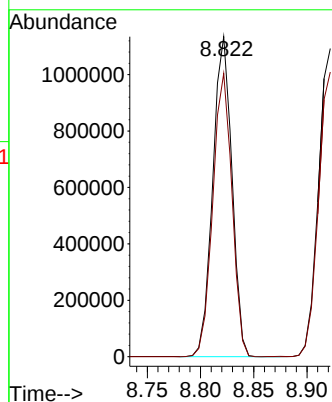
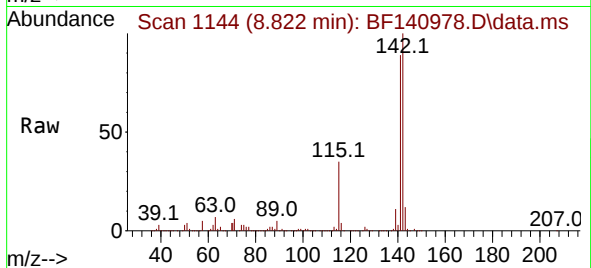
141 88.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#38

1-Methylnaphthalene

Concen: 37.974 ng

RT: 8.922 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF140978.D

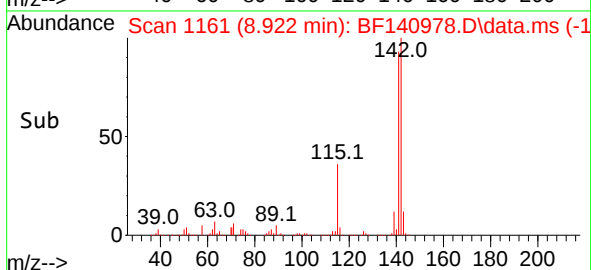
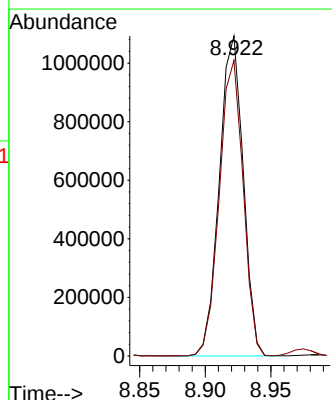
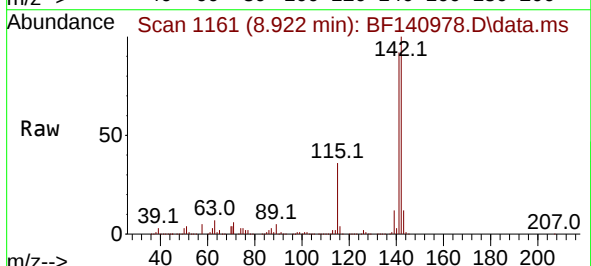
Acq: 26 Dec 2024 19:52

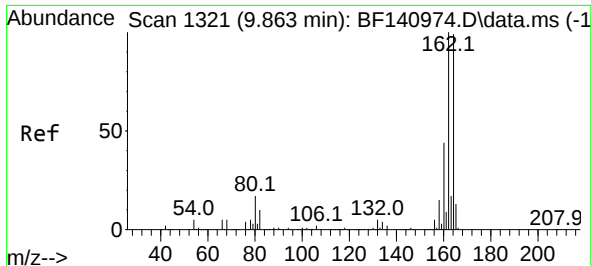
Tgt Ion:142 Resp: 1379859

Ion Ratio Lower Upper

142 100

141 92.4 72.7 109.1





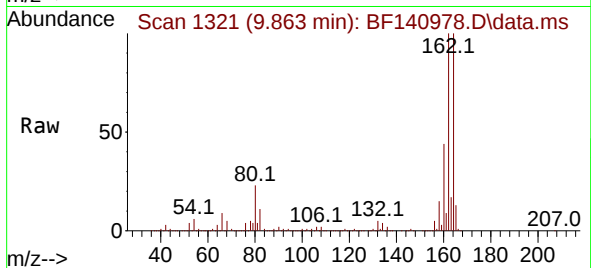
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



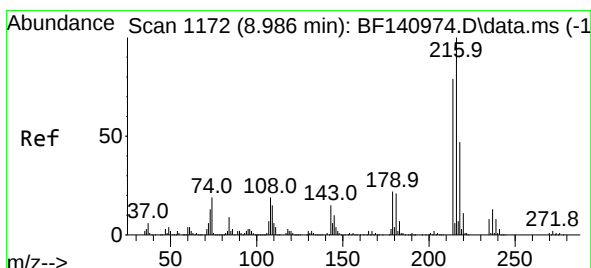
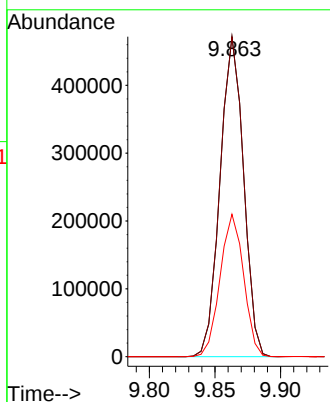
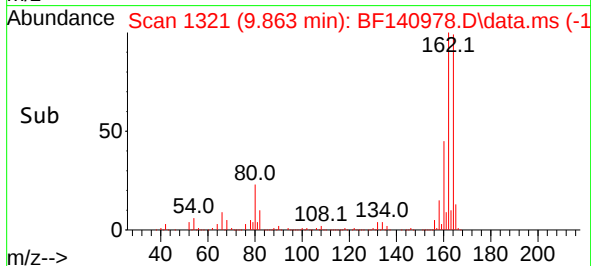
Tgt Ion:164 Resp: 58666
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.5 35.7 53.5

Manual Integrations

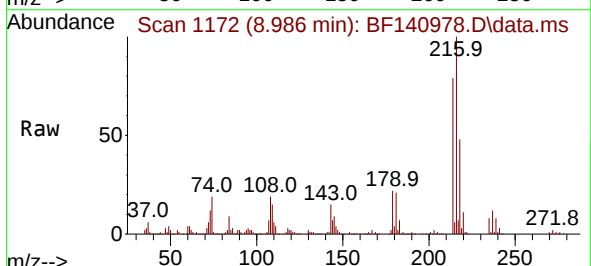
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

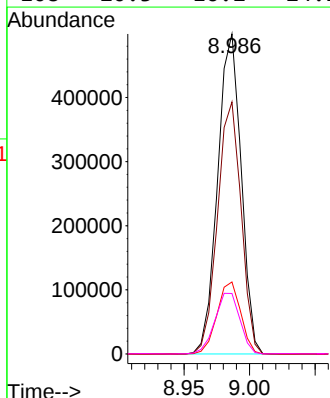
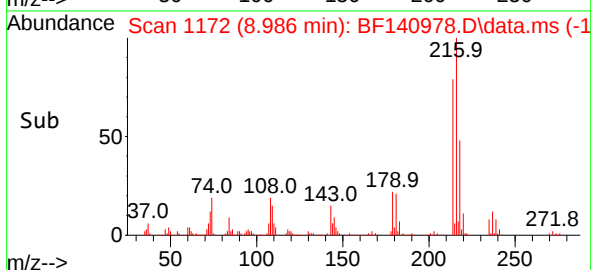
Supervised By :mohammad ahmed 12/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.527 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion:216 Resp: 621819
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 22.7 17.9 26.9
108 20.3 16.2 24.2





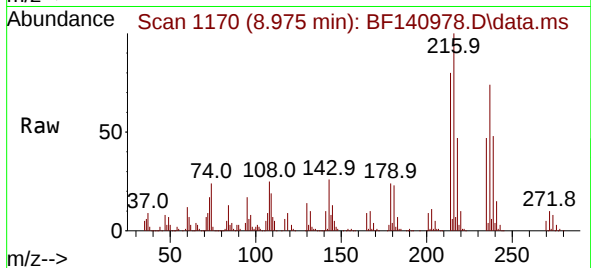
#41
Hexachlorocyclopentadiene
Concen: 40.560 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

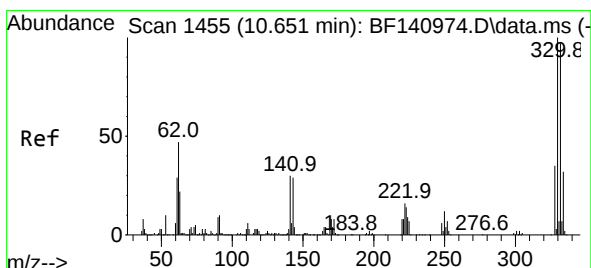
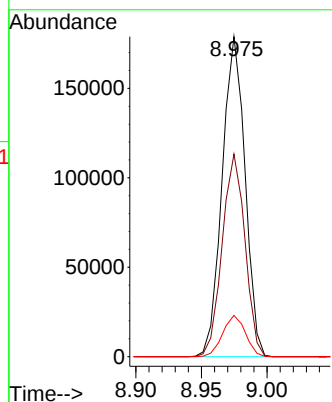
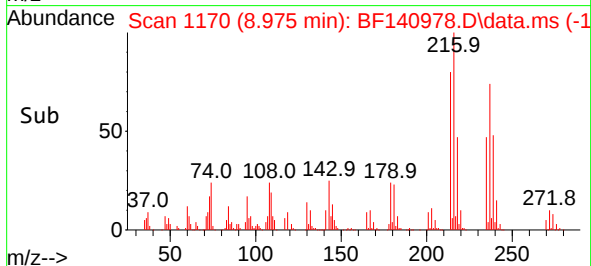


Tgt Ion:237 Resp: 216938
Ion Ratio Lower Upper
237 100
235 63.3 43.4 83.4
272 12.9 0.0 32.6

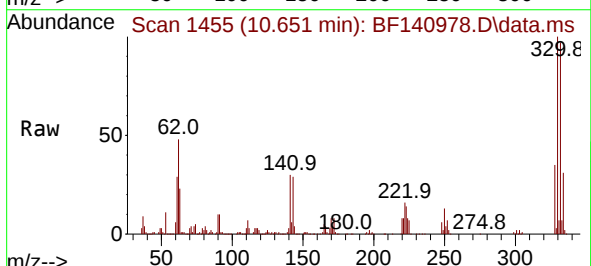
Manual Integrations

APPROVED

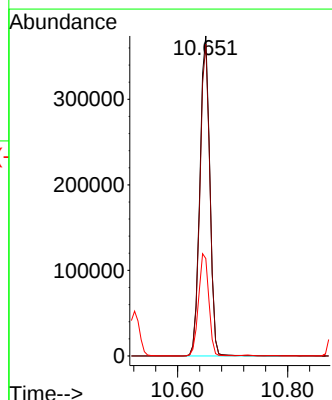
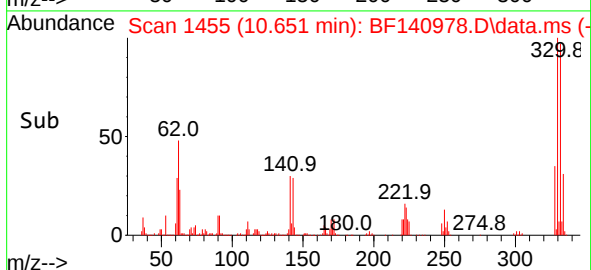
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

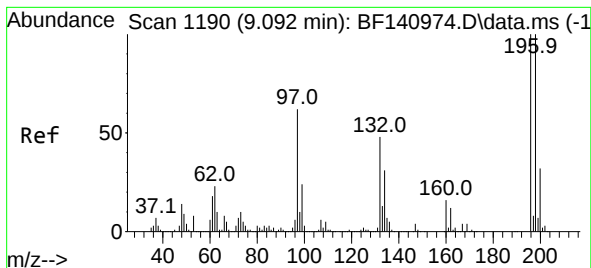


#42
2,4,6-Tribromophenol
Concen: 82.713 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion:330 Resp: 471519
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 33.0 26.4 39.6





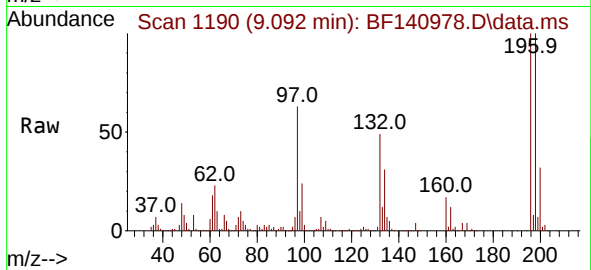
#43
2,4,6-Trichlorophenol
Concen: 40.180 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



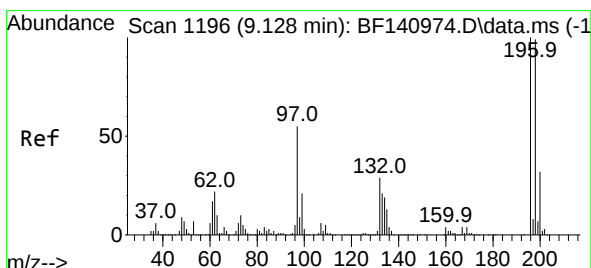
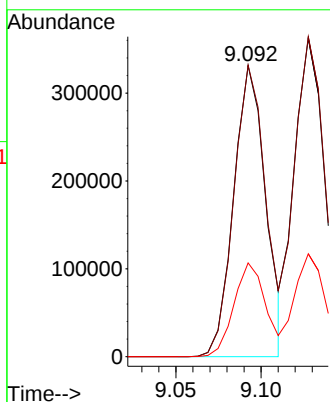
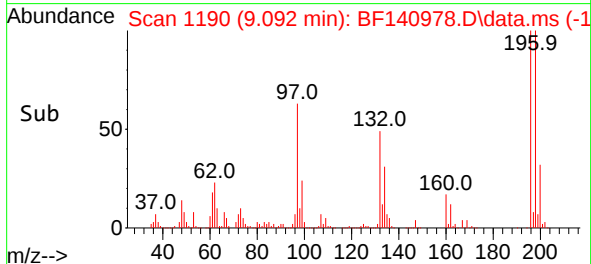
Tgt Ion:196 Resp: 431607
Ion Ratio Lower Upper
196 100
198 100.2 80.2 120.4
200 32.2 25.8 38.6

Manual Integrations

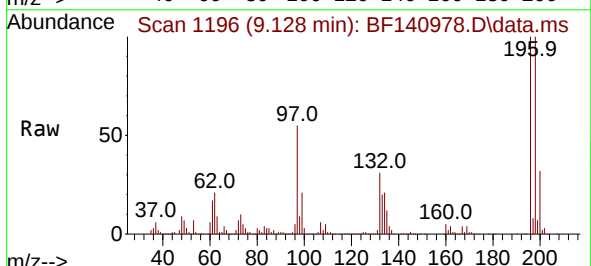
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

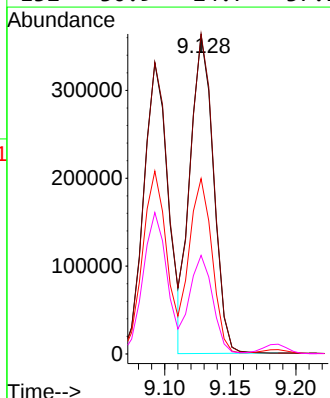
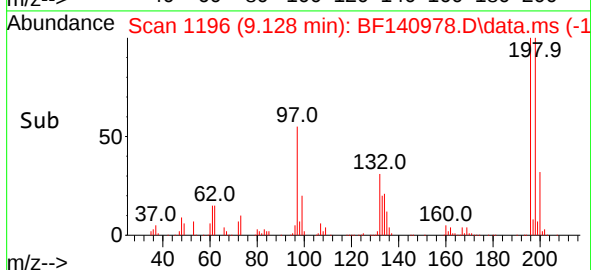
Supervised By :mohammad ahmed 12/27/2024

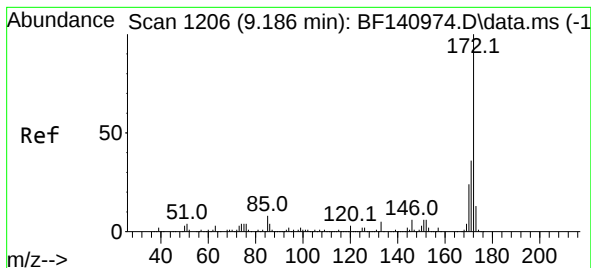


#44
2,4,5-Trichlorophenol
Concen: 40.663 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion:196 Resp: 446928
Ion Ratio Lower Upper
196 100
198 100.5 79.9 119.9
97 55.1 44.3 66.5
132 30.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 74.821 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:172 Resp: 2755058

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

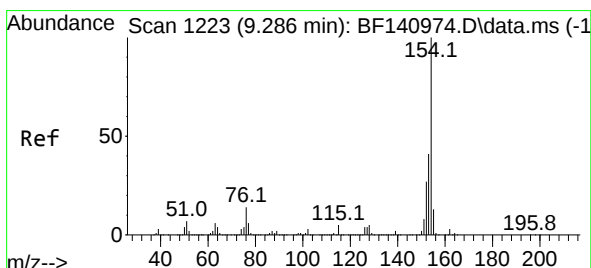
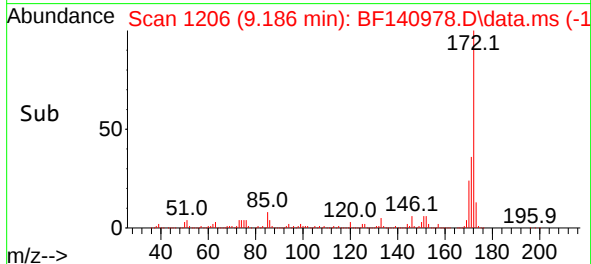
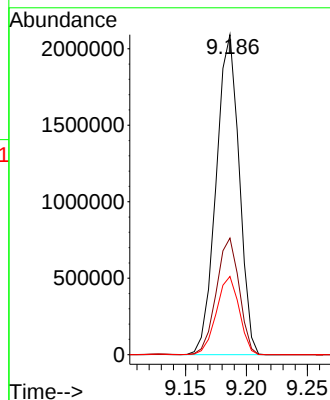
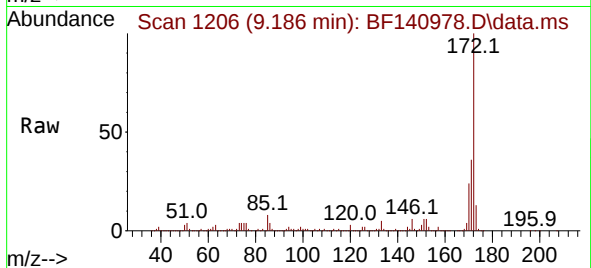
170 24.4 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#46

1,1'-Biphenyl

Concen: 37.916 ng

RT: 9.286 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

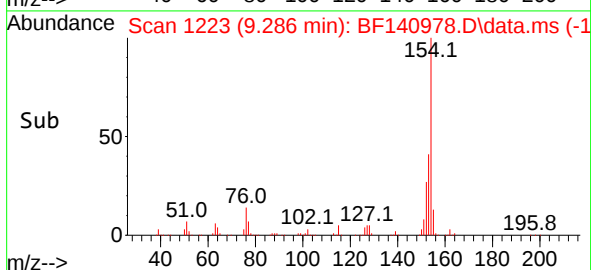
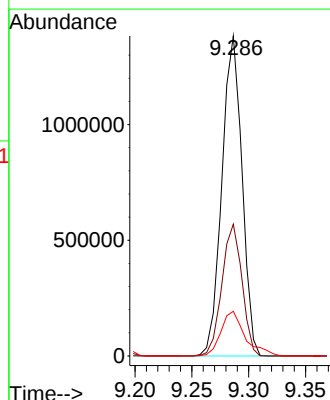
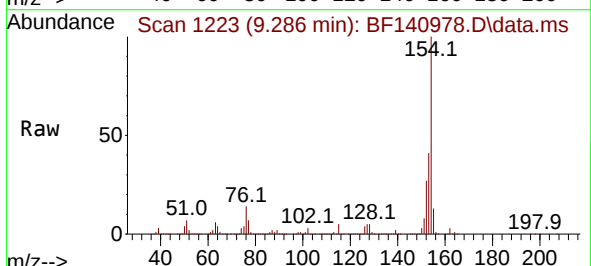
Tgt Ion:154 Resp: 1703208

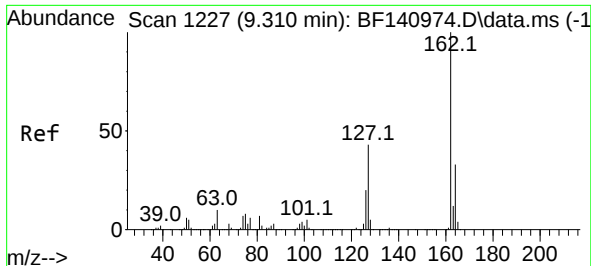
Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

76 14.0 0.0 34.0





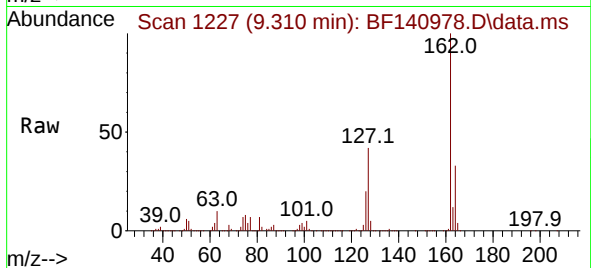
#47
2-Chloronaphthalene
Concen: 38.442 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



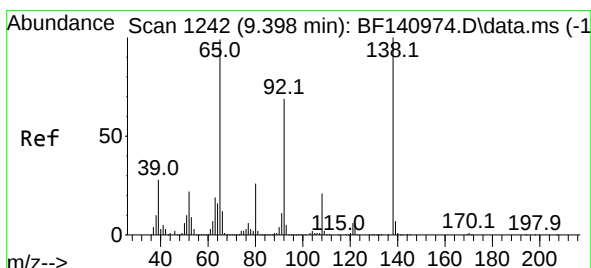
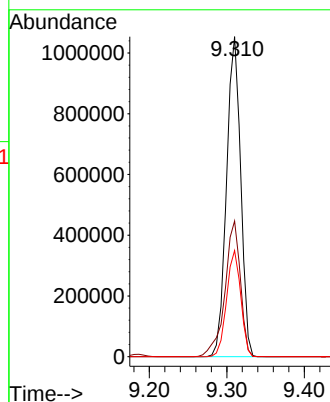
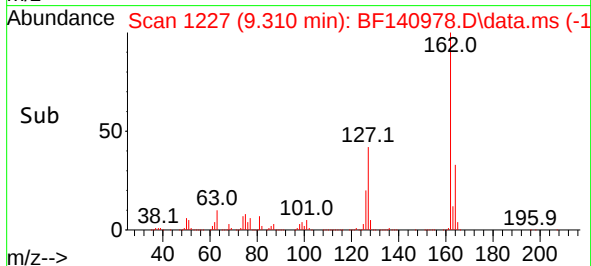
Tgt Ion:162 Resp: 133928
Ion Ratio Lower Upper
162 100
127 42.4 34.2 51.4
164 33.2 26.6 40.0

Manual Integrations

APPROVED

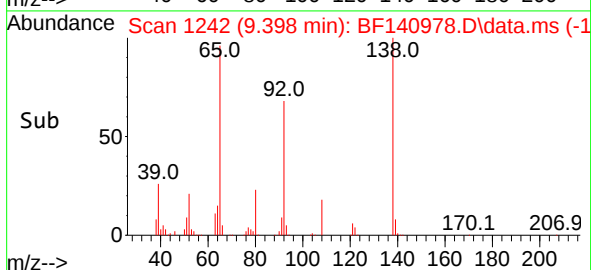
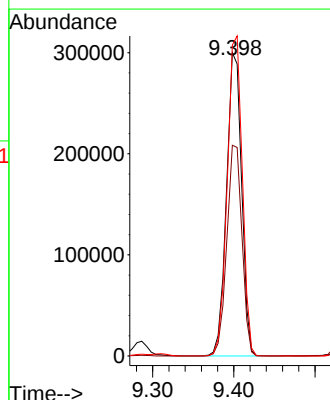
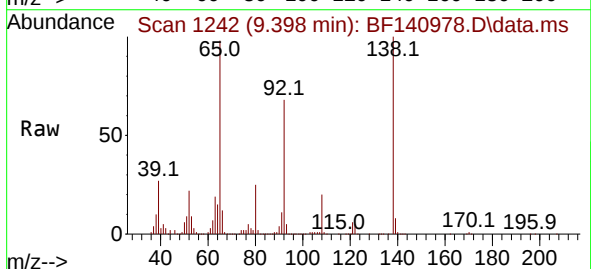
Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#48
2-Nitroaniline
Concen: 43.198 ng
RT: 9.398 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion: 65 Resp: 389029
Ion Ratio Lower Upper
65 100
92 69.5 55.6 83.4
138 102.5 80.5 120.7





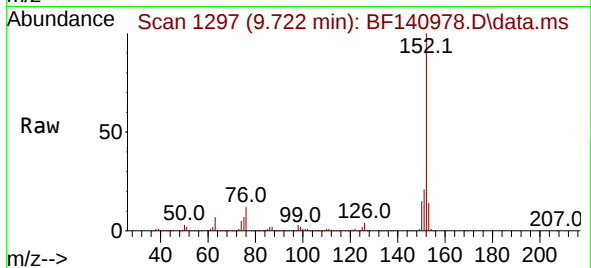
#49
Acenaphthylene
Concen: 38.272 ng
RT: 9.722 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



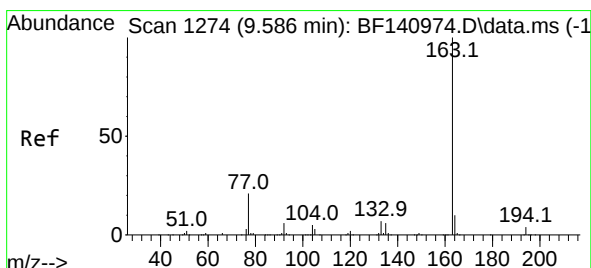
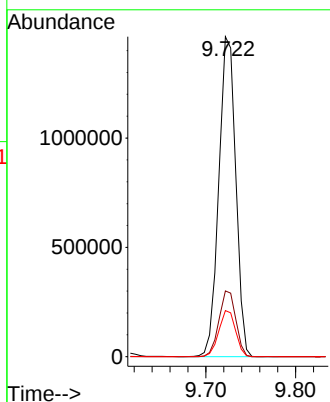
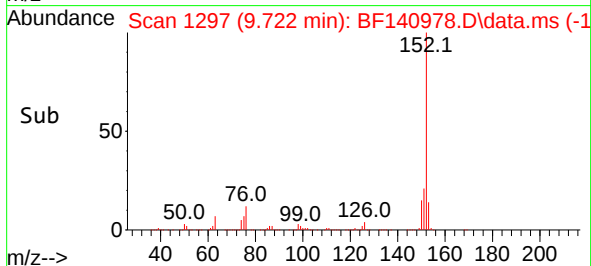
Tgt Ion:152 Resp: 1919430
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.4 11.4 17.0

Manual Integrations

APPROVED

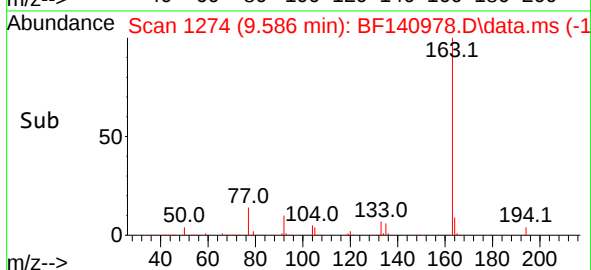
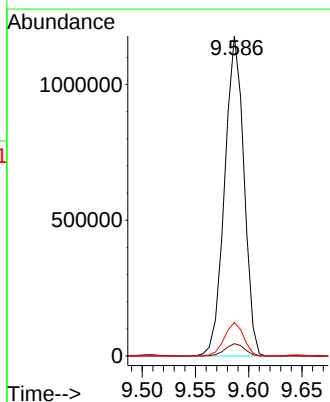
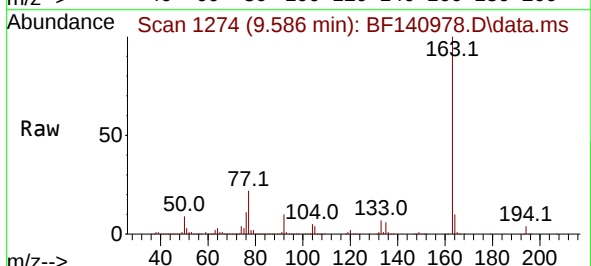
Reviewed By :Yogesh Patel 12/27/2024

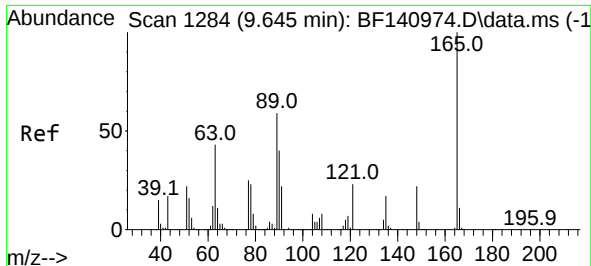
Supervised By :mohammad ahmed 12/27/2024



#50
Dimethylphthalate
Concen: 38.422 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:163 Resp: 1482676
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.3 12.5





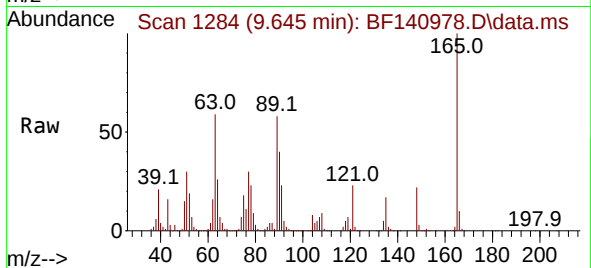
#51
2,6-Dinitrotoluene
Concen: 42.386 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

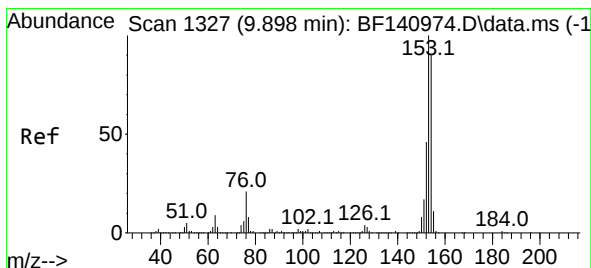
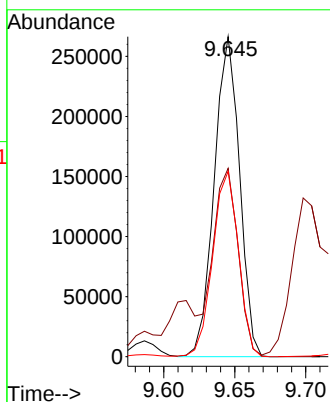
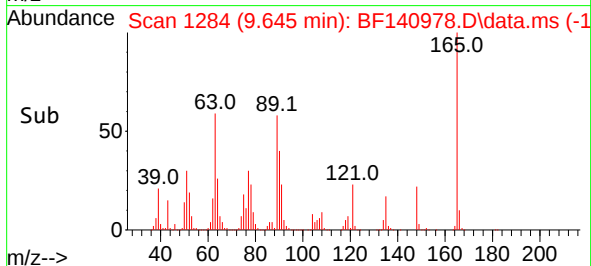


Tgt Ion:165 Resp: 32992
Ion Ratio Lower Upper
165 100
63 58.9 47.1 70.7
89 57.9 47.0 70.4

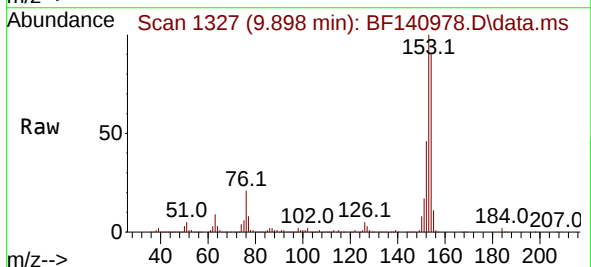
Manual Integrations

APPROVED

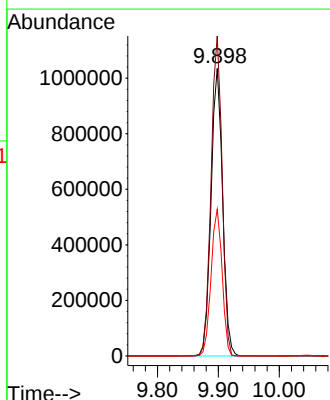
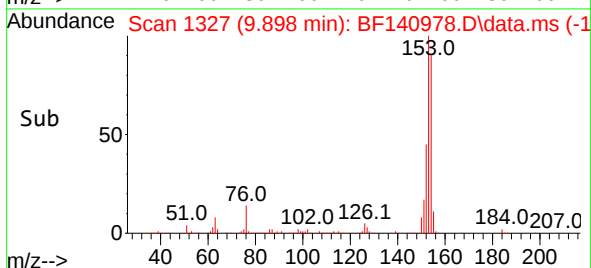
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

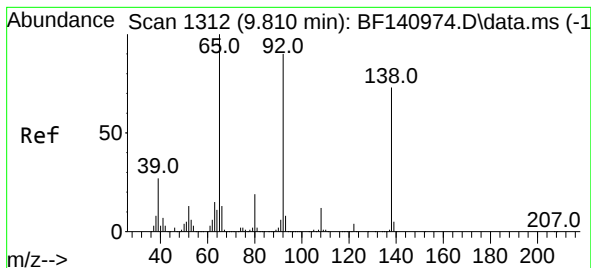


#52
Acenaphthene
Concen: 40.168 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion:154 Resp: 1361911
Ion Ratio Lower Upper
154 100
153 111.3 89.2 133.8
152 51.0 40.9 61.3





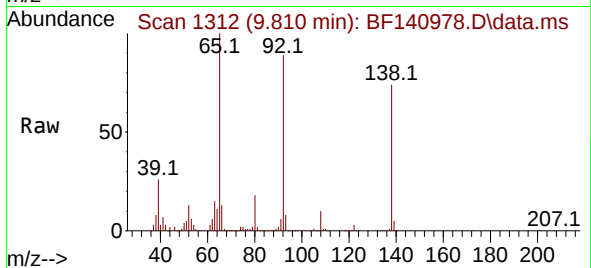
#53
3-Nitroaniline
Concen: 42.522 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



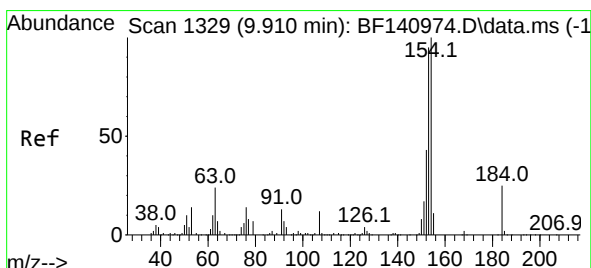
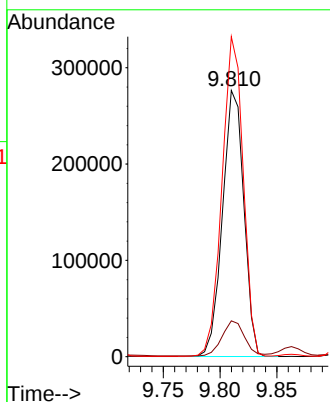
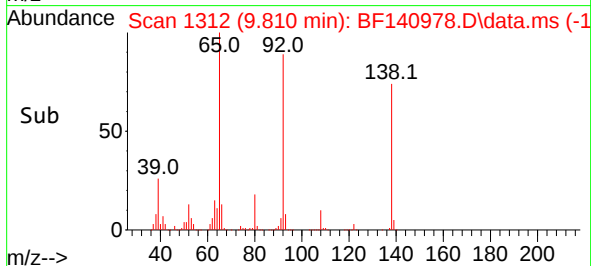
Tgt Ion:138 Resp: 36049
Ion Ratio Lower Upper
138 100
108 13.4 13.5 20.3
92 120.2 97.7 146.5

Manual Integrations

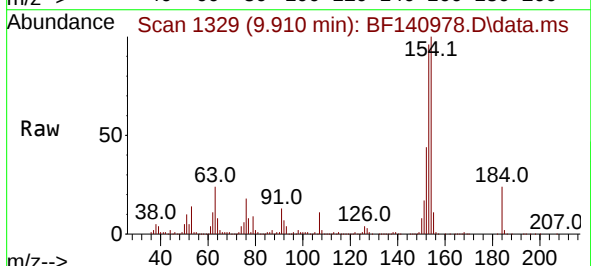
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

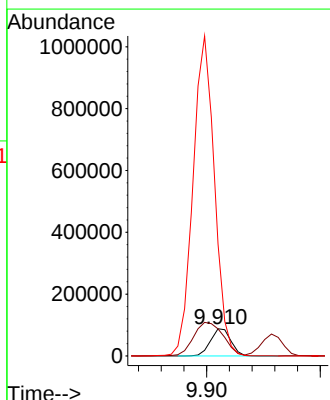
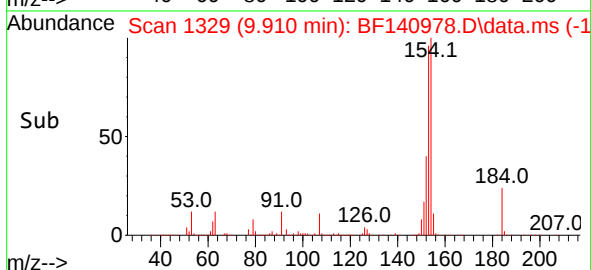
Supervised By :mohammad ahmed 12/27/2024

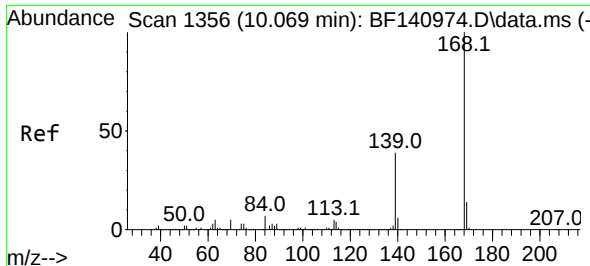


#54
2,4-Dinitrophenol
Concen: 45.538 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion:184 Resp: 110045
Ion Ratio Lower Upper
184 100
63 99.5 81.6 122.4
154 410.3 363.5 545.3





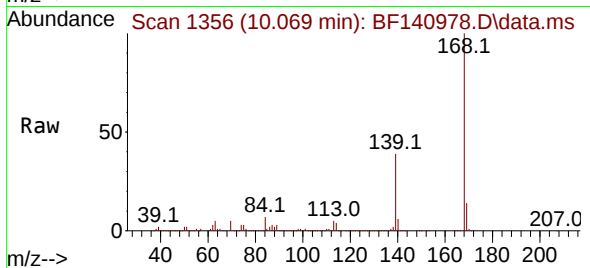
#55
Dibenzenofuran
Concen: 38.318 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



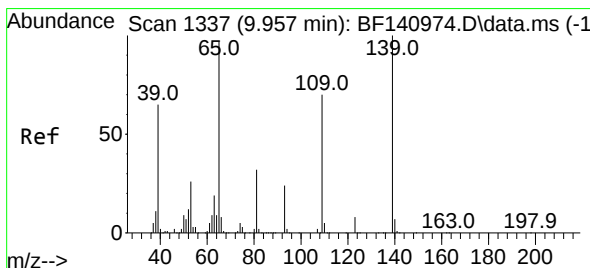
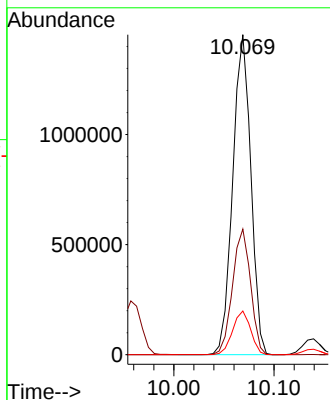
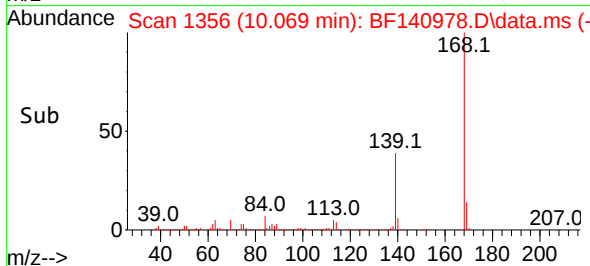
Tgt Ion:168 Resp: 182581
Ion Ratio Lower Upper
168 100
139 39.2 31.6 47.4
169 13.6 11.0 16.6

Manual Integrations

APPROVED

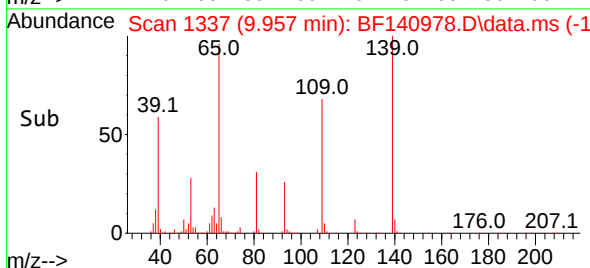
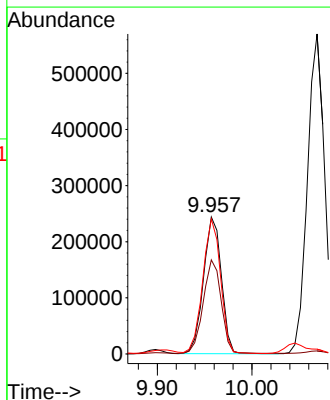
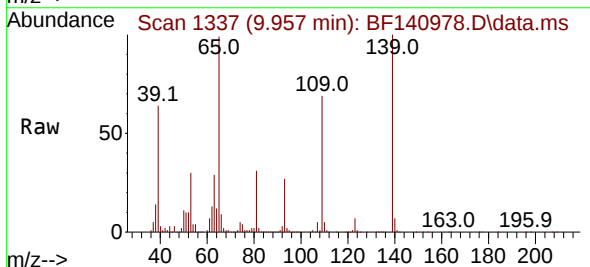
Reviewed By :Yogesh Patel 12/27/2024

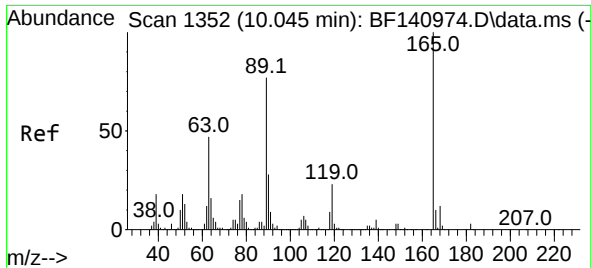
Supervised By :mohammad ahmed 12/27/2024



#56
4-Nitrophenol
Concen: 48.593 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:139 Resp: 320756
Ion Ratio Lower Upper
139 100
109 68.6 50.8 90.8
65 98.5 78.5 118.5





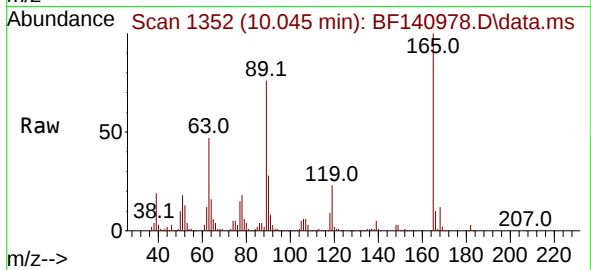
#57
2,4-Dinitrotoluene
Concen: 44.506 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

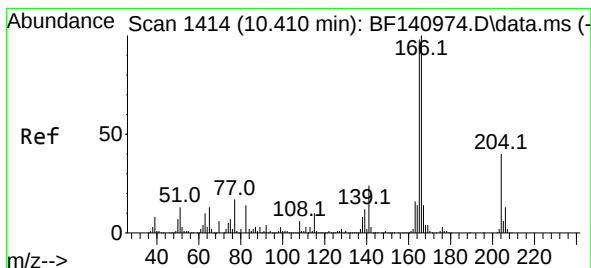
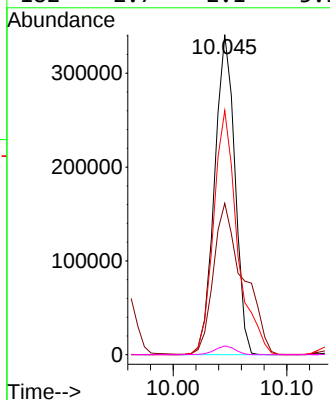
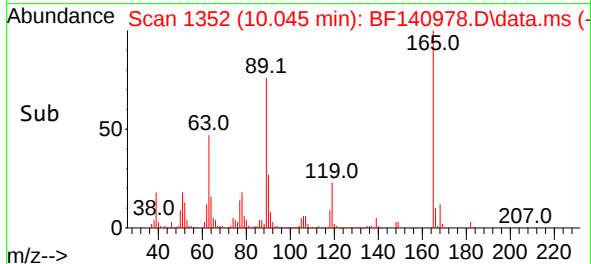


Tgt Ion:165 Resp: 425111
Ion Ratio Lower Upper
165 100
63 47.3 38.1 57.1
89 76.3 61.4 92.2
182 2.7 2.1 3.1

Manual Integrations

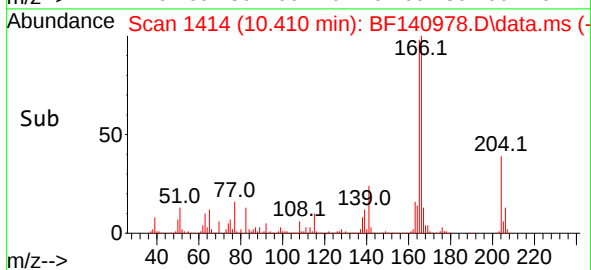
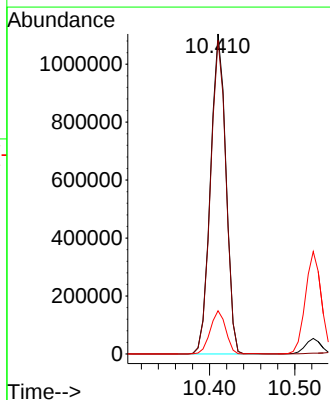
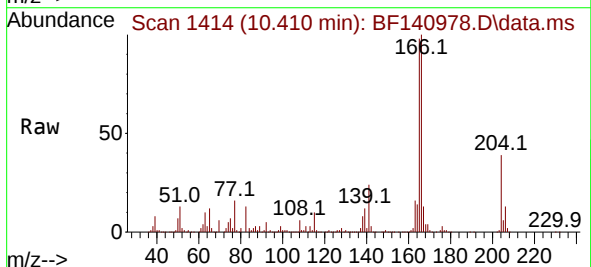
APPROVED

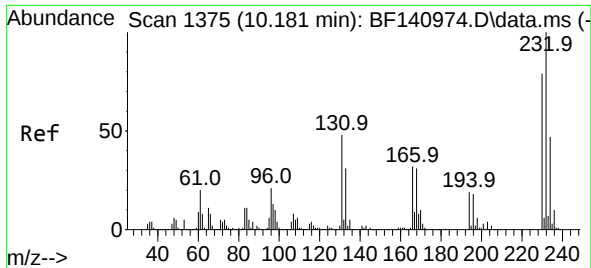
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#58
Fluorene
Concen: 37.668 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

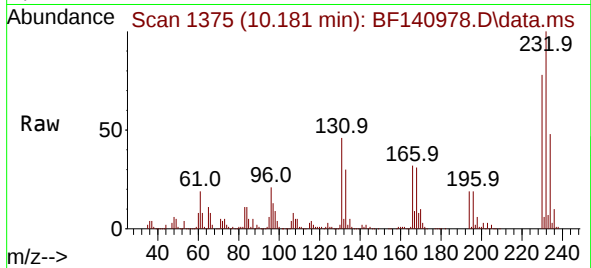
Tgt Ion:166 Resp: 1391829
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.681 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

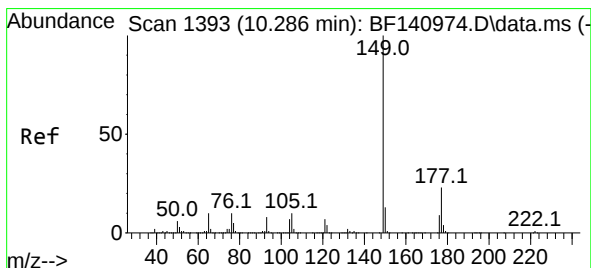
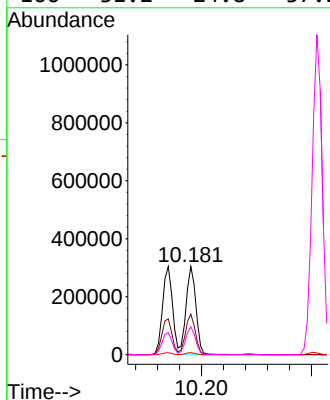
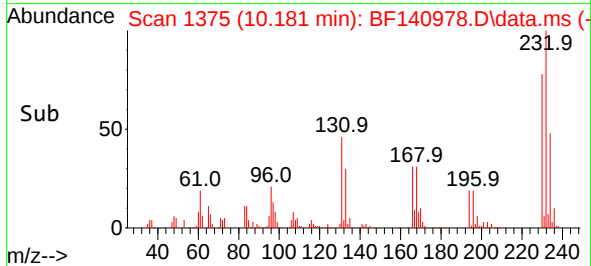
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:232 Resp: 379409
Ion Ratio Lower Upper
232 100
131 45.6 37.4 56.2
130 2.3 1.8 2.8
166 31.2 24.8 37.2

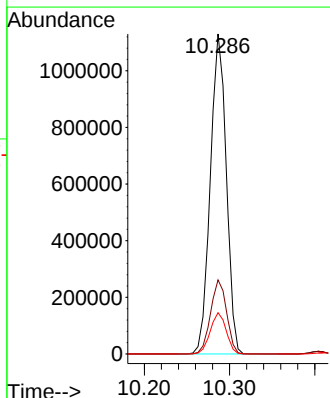
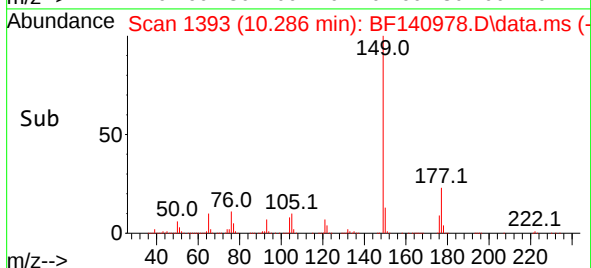
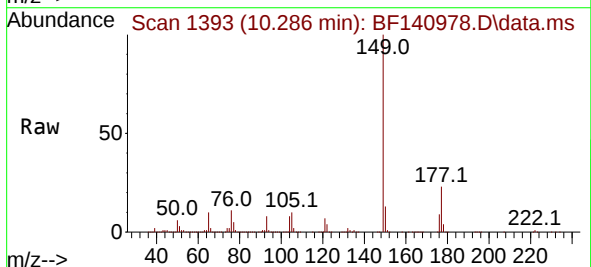
Manual Integrations
APPROVED

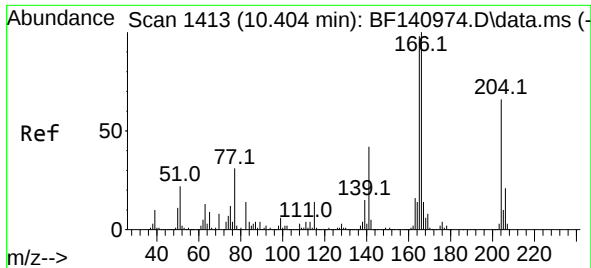
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#60
Diethylphthalate
Concen: 38.629 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:149 Resp: 1471636
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.9 10.4 15.6





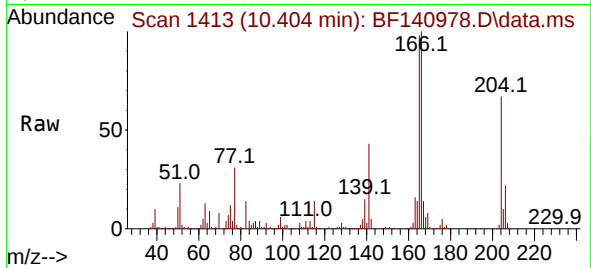
#61
4-Chlorophenyl-phenylether
Concen: 37.928 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



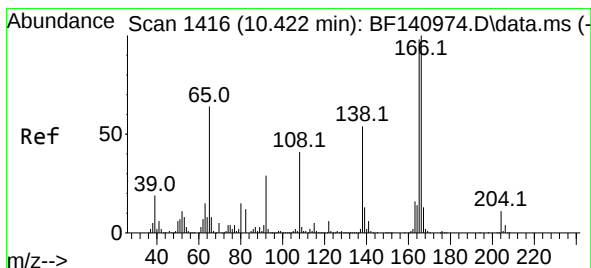
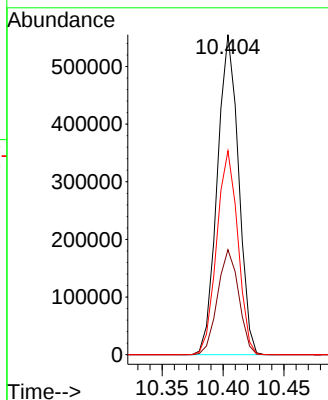
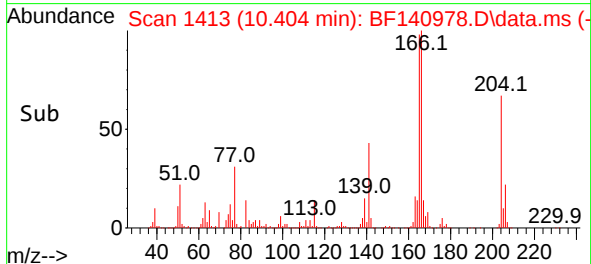
Tgt Ion:204 Resp: 67432
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 63.7 51.2 76.8

Manual Integrations

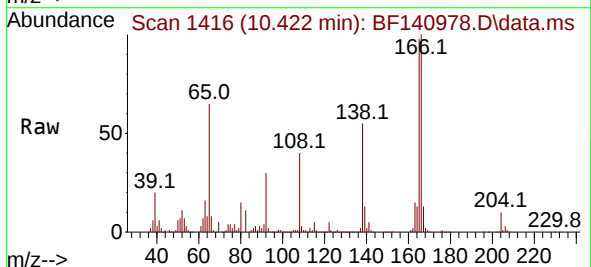
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

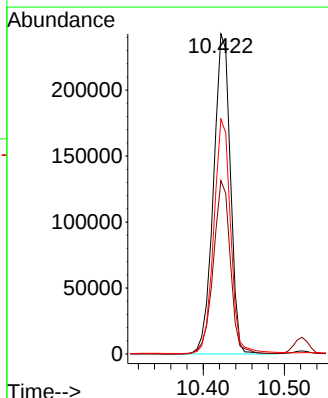
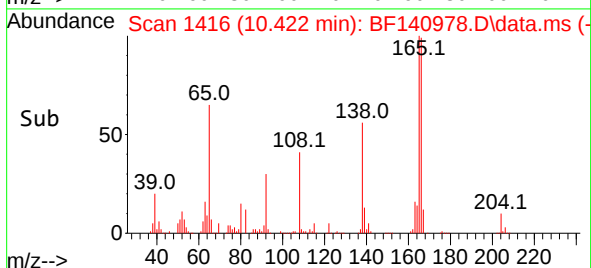
Supervised By :mohammad ahmed 12/27/2024



#62
4-Nitroaniline
Concen: 41.571 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion:138 Resp: 351313
Ion Ratio Lower Upper
138 100
92 54.1 34.8 74.8
108 73.4 55.9 95.9





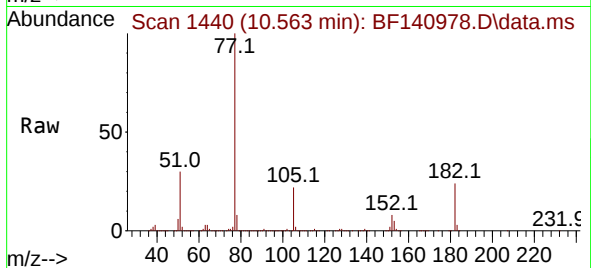
#63
Azobenzene
Concen: 38.471 ng
RT: 10.563 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



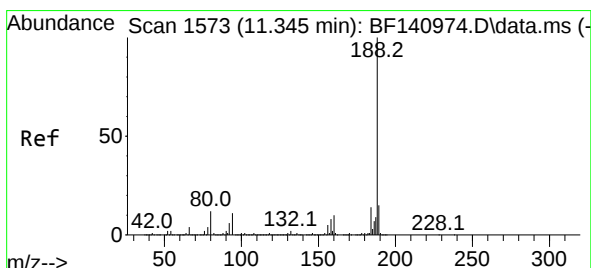
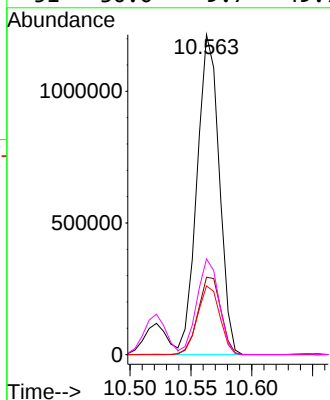
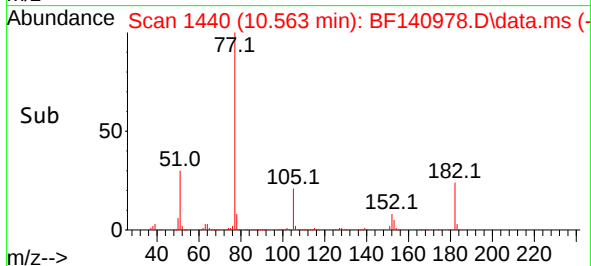
Tgt Ion: 77 Resp: 153832
Ion Ratio Lower Upper
77 100
182 24.2 4.1 44.1
105 21.5 1.8 41.8
51 30.0 9.7 49.7

Manual Integrations

APPROVED

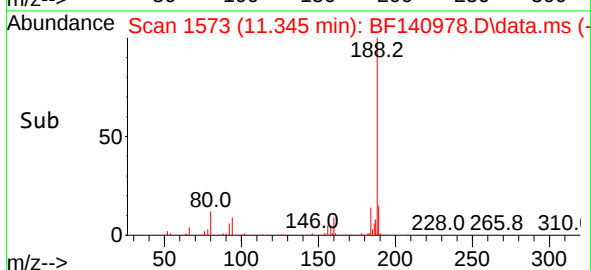
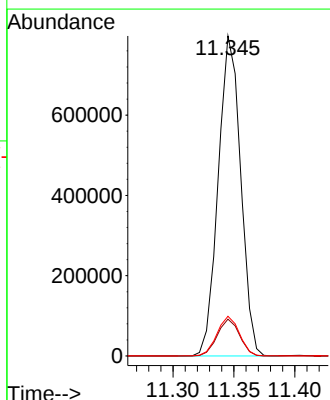
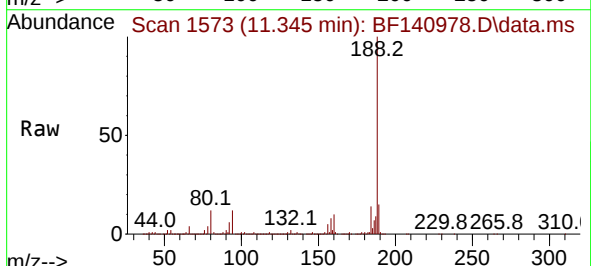
Reviewed By :Yogesh Patel 12/27/2024

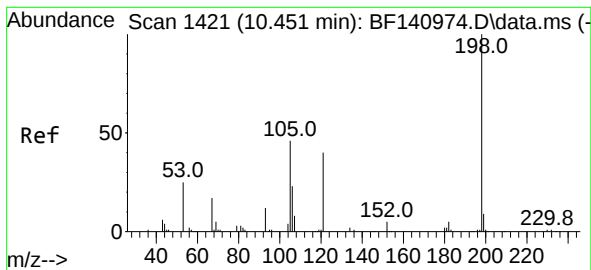
Supervised By :mohammad ahmed 12/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:188 Resp: 1025959
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.6
80 12.4 9.8 14.6





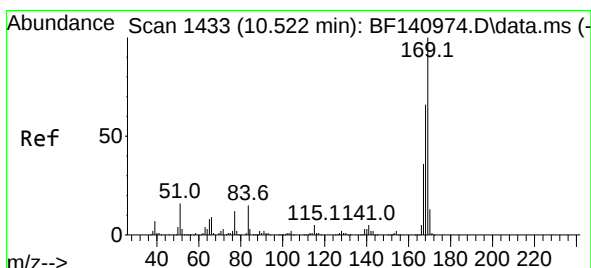
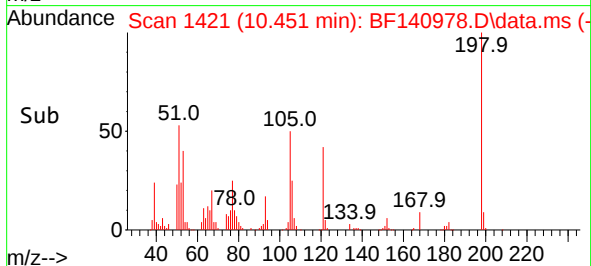
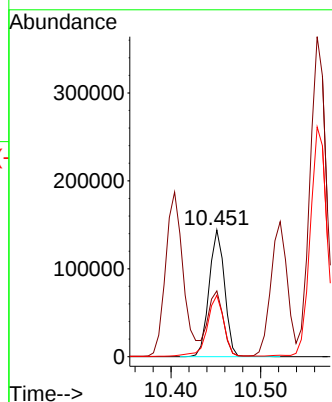
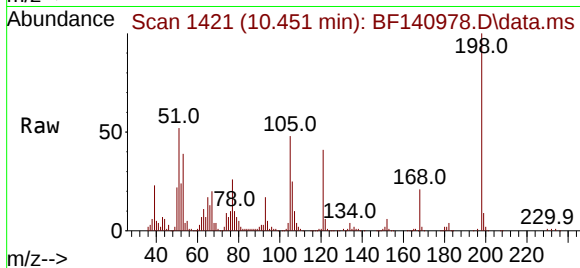
#65
4,6-Dinitro-2-methylphenol
Concen: 43.296 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :
BNA_F
ClientSampleId :
ICVBF122624

Tgt Ion:198 Resp: 17245
Ion Ratio Lower Upper
198 100
51 51.9 32.3 72.3
105 48.3 28.4 68.4

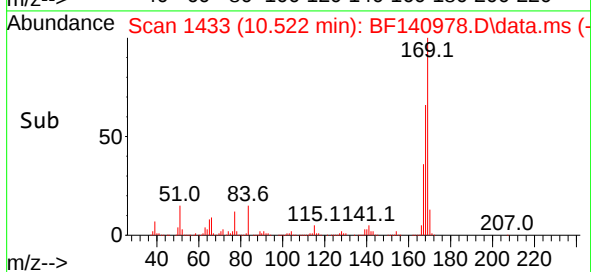
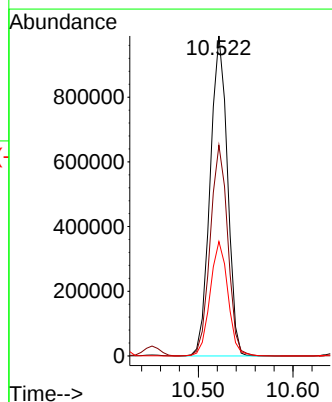
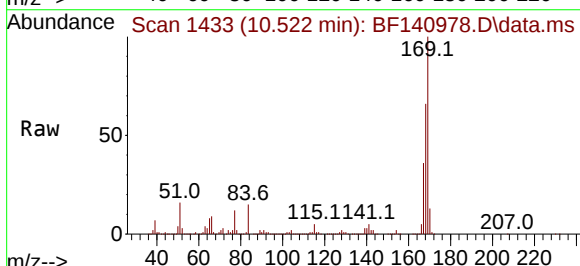
Manual Integrations
APPROVED

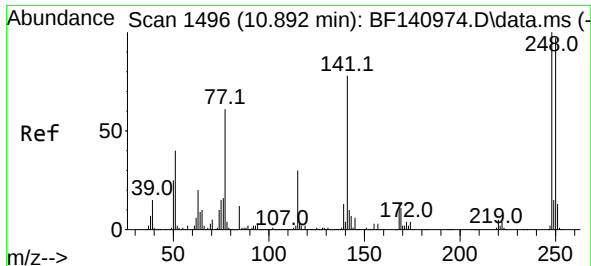
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#66
n-Nitrosodiphenylamine
Concen: 38.777 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:169 Resp: 1252782
Ion Ratio Lower Upper
169 100
168 65.8 52.6 79.0
167 35.8 29.0 43.4





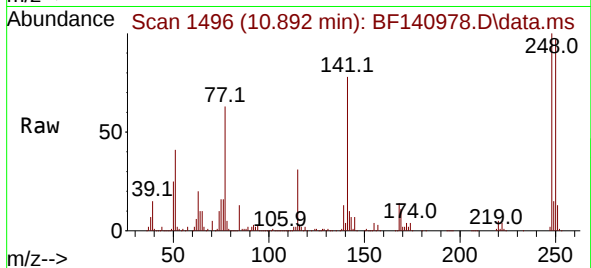
#67
4-Bromophenyl-phenylether
Concen: 39.247 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



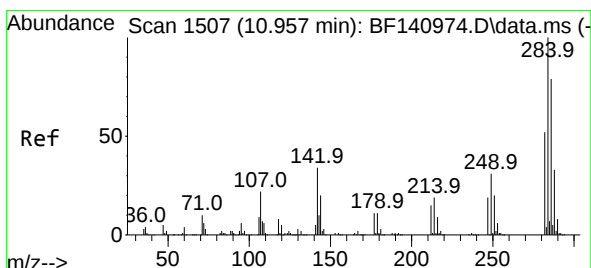
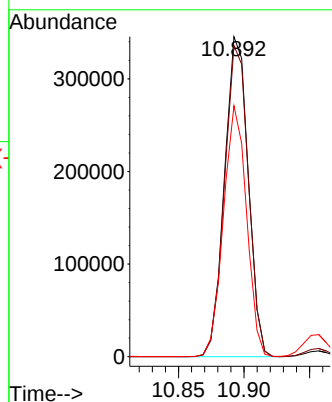
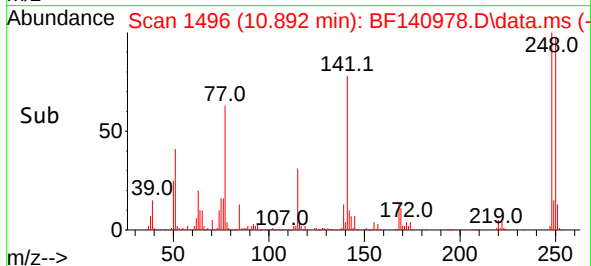
Tgt Ion:248 Resp: 435284
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 78.4 62.1 93.1

Manual Integrations

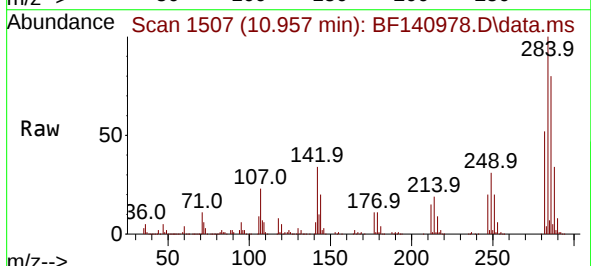
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

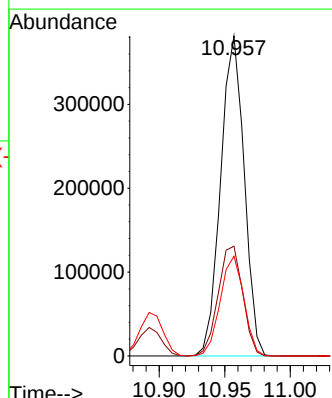
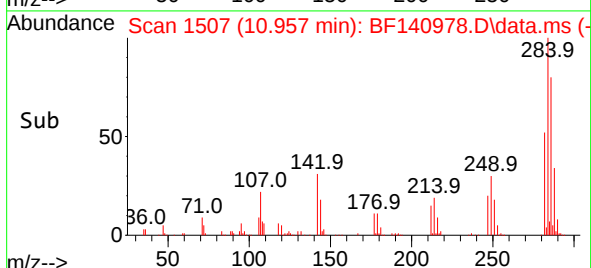
Supervised By :mohammad ahmed 12/27/2024

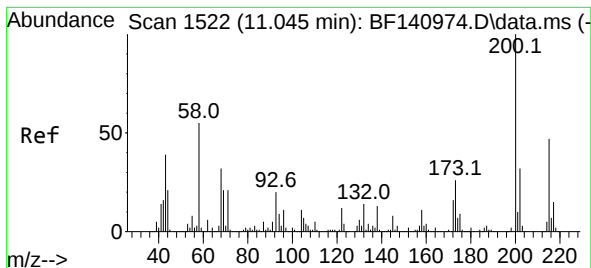


#68
Hexachlorobenzene
Concen: 38.890 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion:284 Resp: 475602
Ion Ratio Lower Upper
284 100
142 34.3 27.1 40.7
249 31.2 25.1 37.7





#69

Atrazine

Concen: 35.858 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:200 Resp: 323638

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

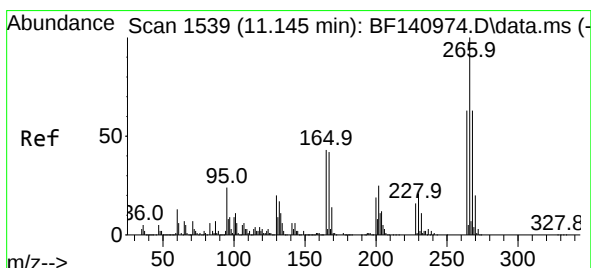
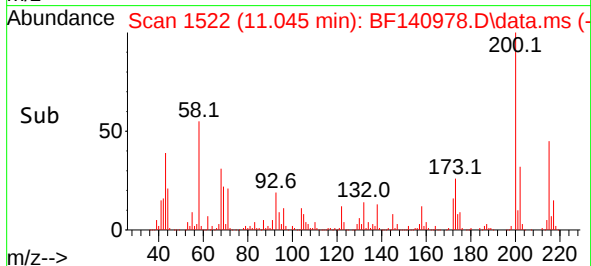
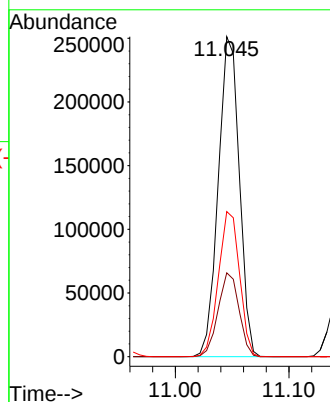
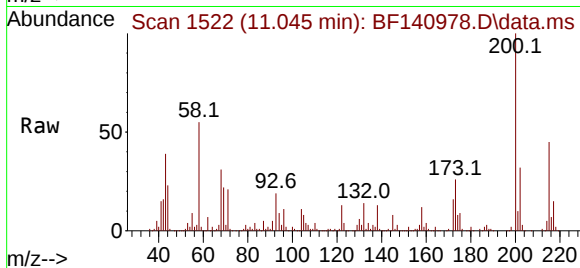
215 45.3 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#70

Pentachlorophenol

Concen: 45.869 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

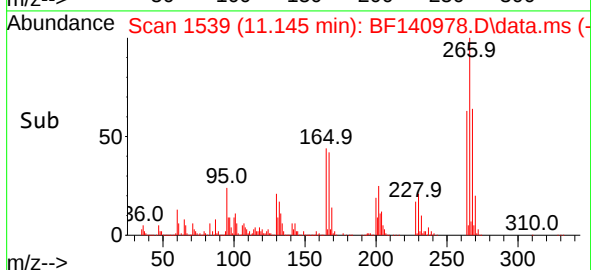
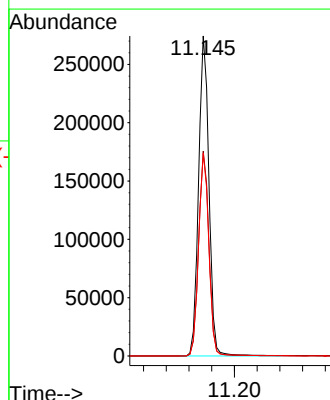
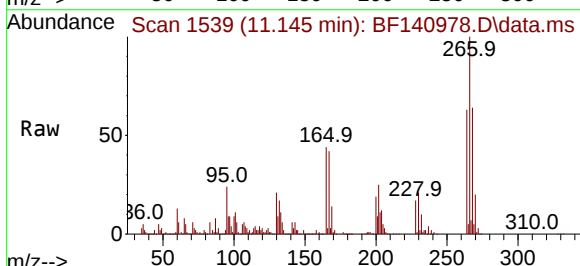
Tgt Ion:266 Resp: 349248

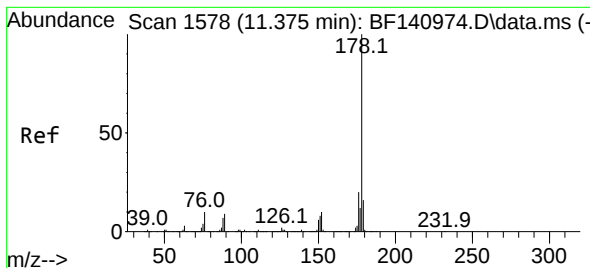
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 63.4 50.2 75.4





#71

Phenanthrene

Concen: 38.373 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:178 Resp: 207201

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

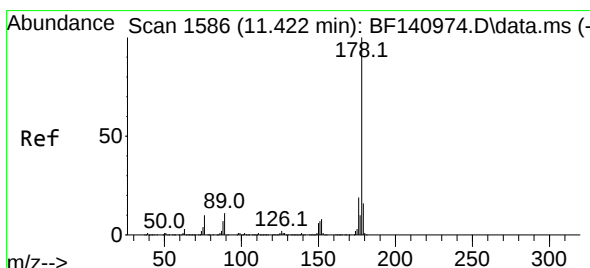
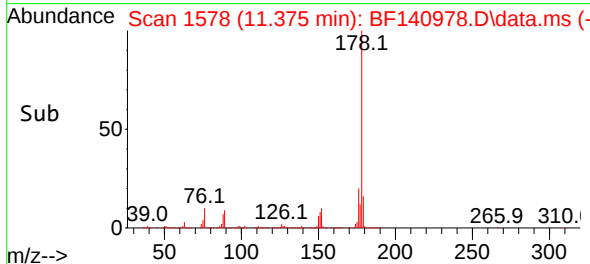
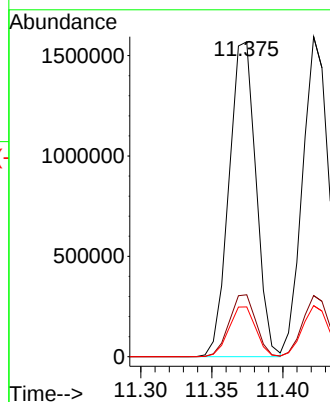
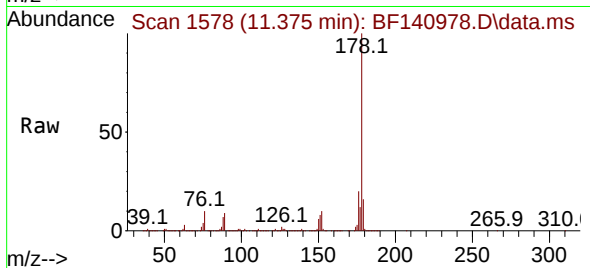
179 15.8 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#72

Anthracene

Concen: 38.325 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

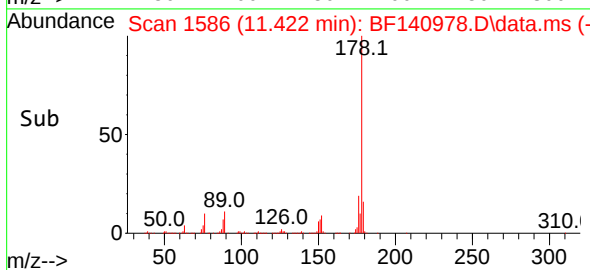
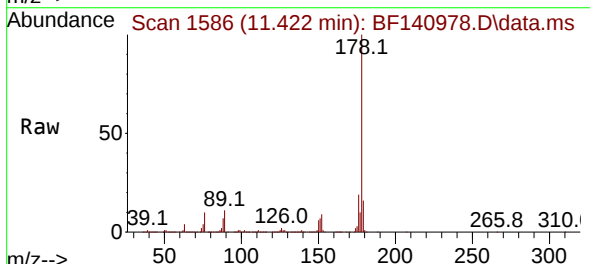
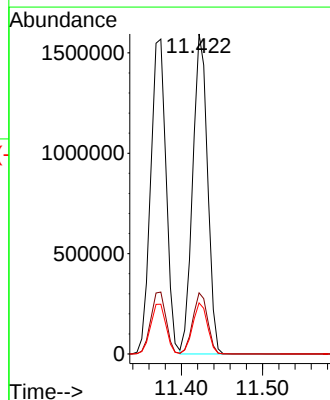
Tgt Ion:178 Resp: 2027823

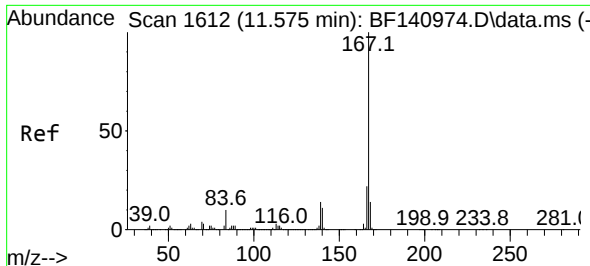
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 16.0 12.9 19.3





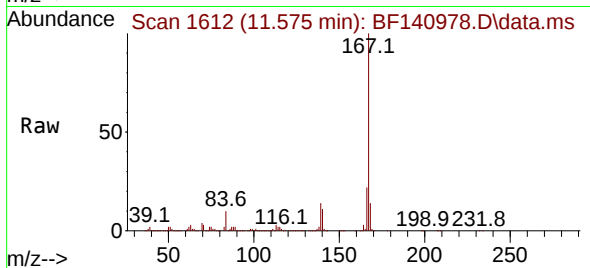
#73
 Carbazole
 Concen: 38.096 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF140978.D
 Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



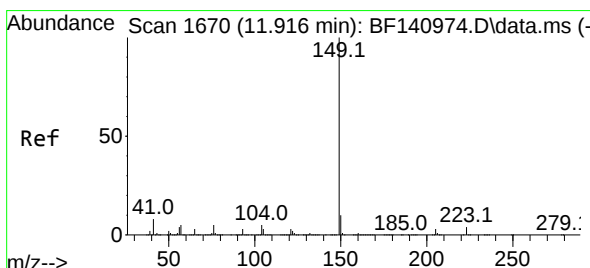
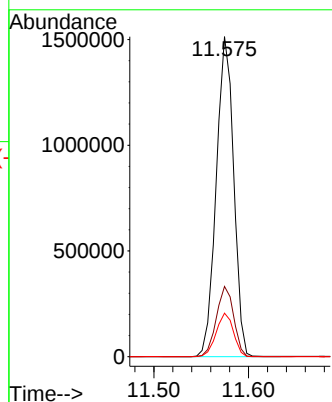
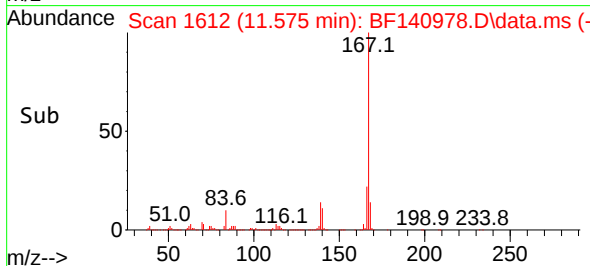
Tgt Ion:167 Resp: 1937732
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.6 11.0 16.4

Manual Integrations

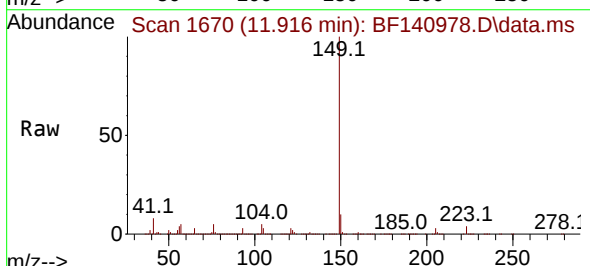
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

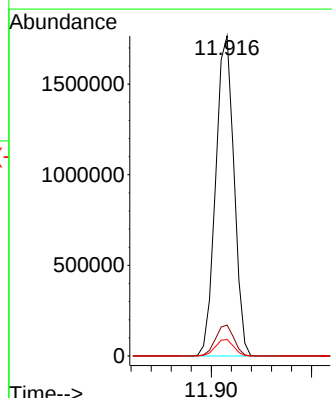
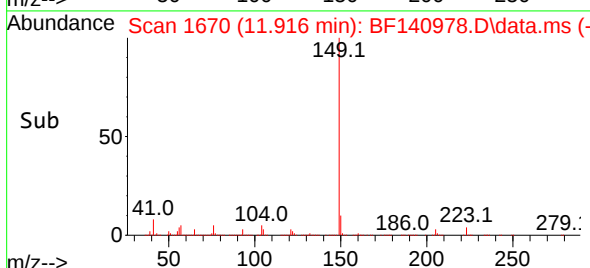
Supervised By :mohammad ahmed 12/27/2024

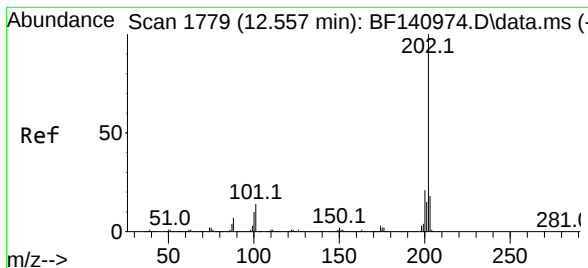


#74
 Di-n-butylphthalate
 Concen: 38.673 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF140978.D
 Acq: 26 Dec 2024 19:52



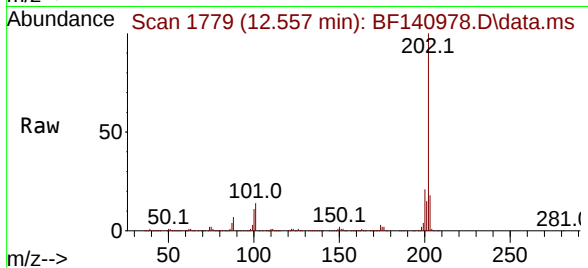
Tgt Ion:149 Resp: 2237362
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 37.724 ng
RT: 12.557 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

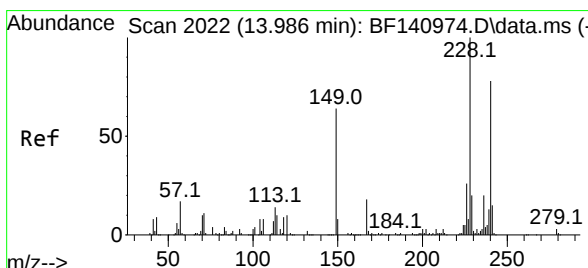
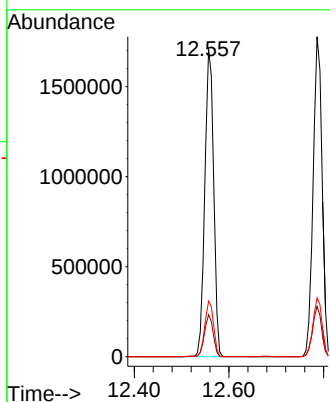
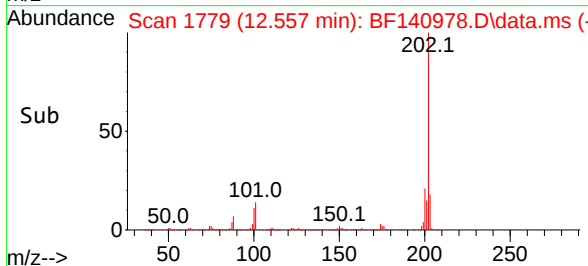
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:202 Resp: 220924
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.7
203 18.1 0.0 38.1

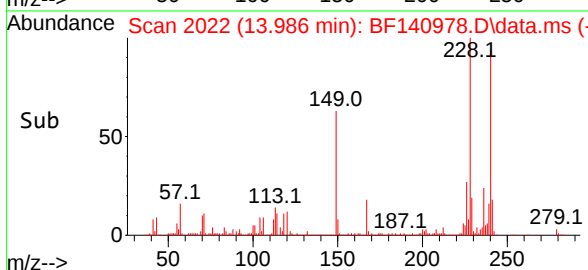
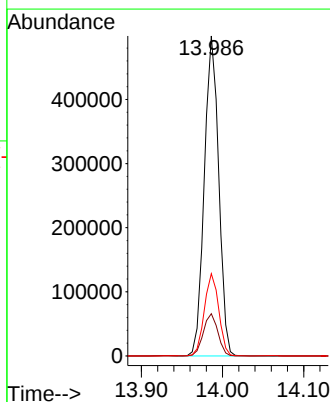
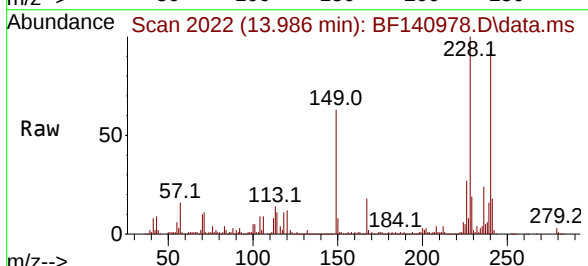
Manual Integrations
APPROVED

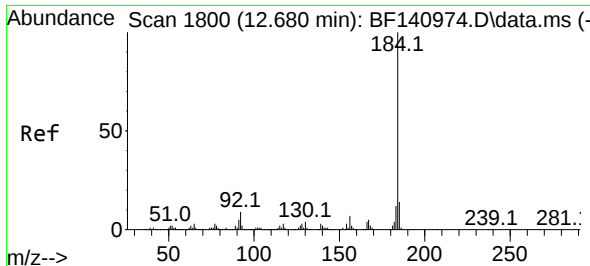
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:240 Resp: 614249
Ion Ratio Lower Upper
240 100
120 13.2 10.7 16.1
236 25.7 20.6 31.0





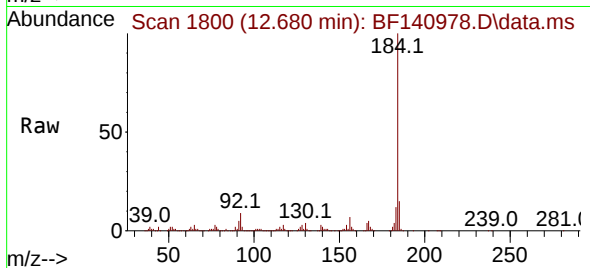
#77
Benzidine
Concen: 40.101 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



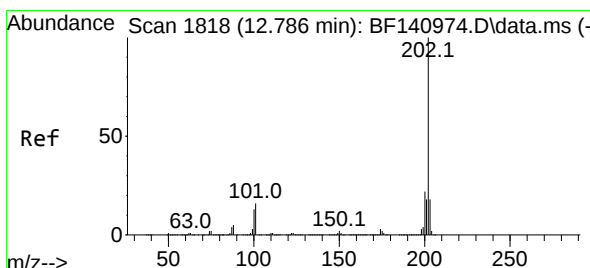
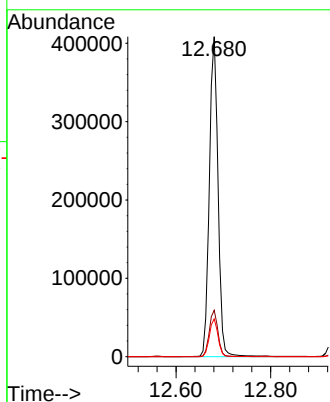
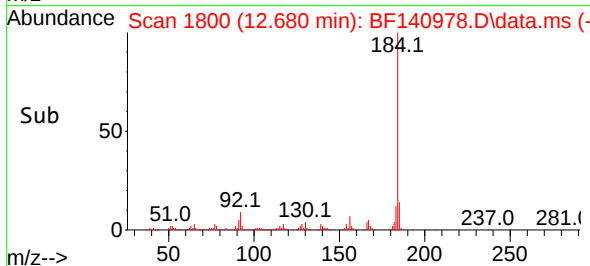
Tgt Ion:184 Resp: 520572
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.8 9.4 14.0

Manual Integrations

APPROVED

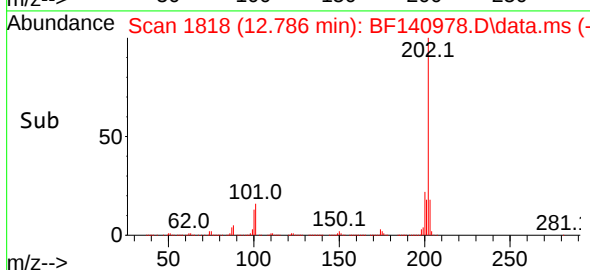
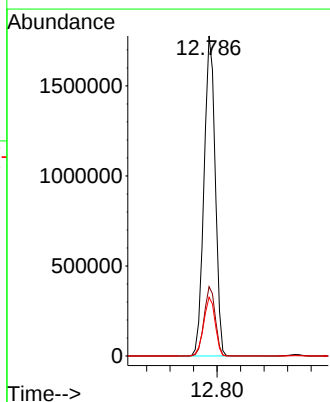
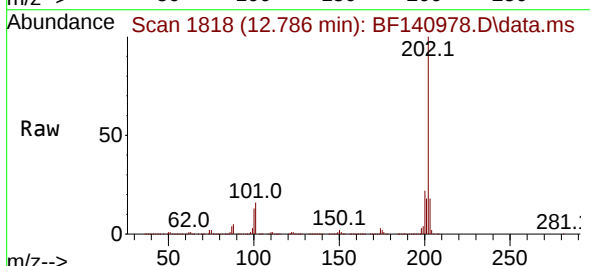
Reviewed By :Yogesh Patel 12/27/2024

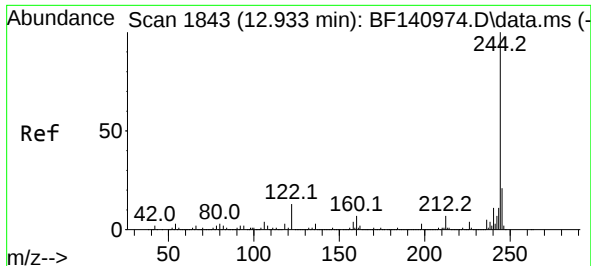
Supervised By :mohammad ahmed 12/27/2024



#78
Pyrene
Concen: 43.575 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:202 Resp: 2340872
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 18.4 14.6 21.8





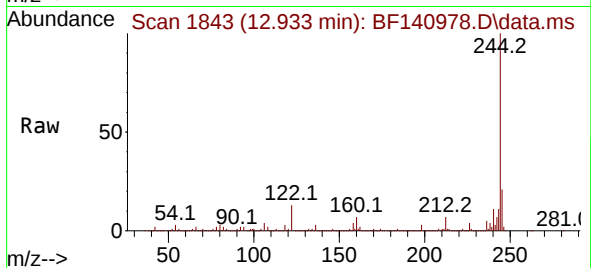
#79
Terphenyl-d14
Concen: 83.347 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



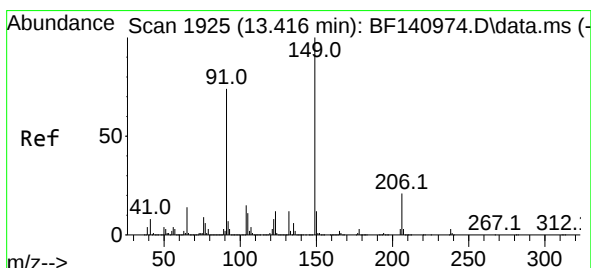
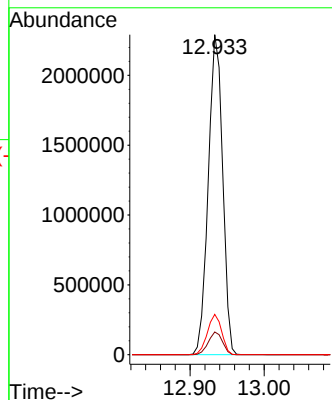
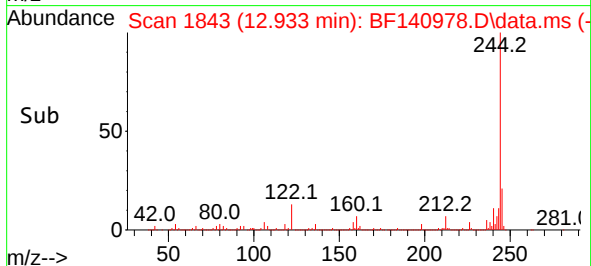
Tgt Ion:244 Resp: 308224
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 12.6 10.2 15.2

Manual Integrations

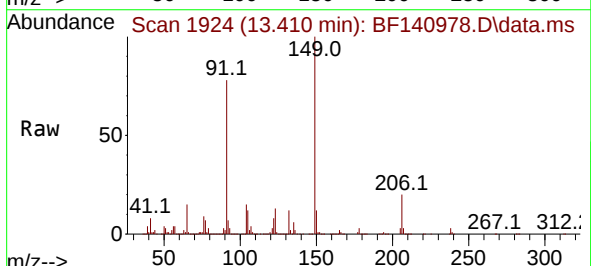
APPROVED

Reviewed By :Yogesh Patel 12/27/2024

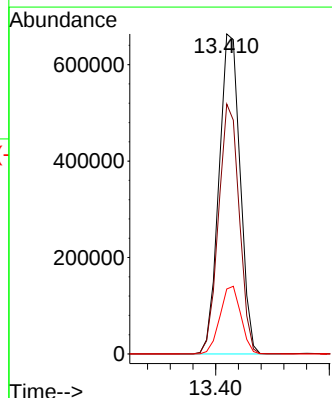
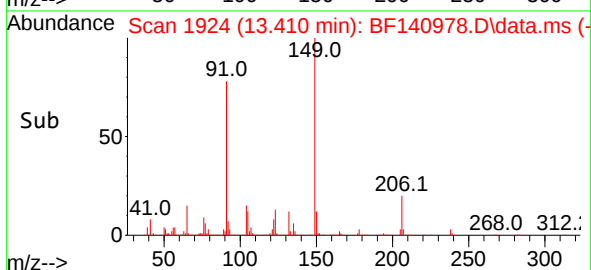
Supervised By :mohammad ahmed 12/27/2024

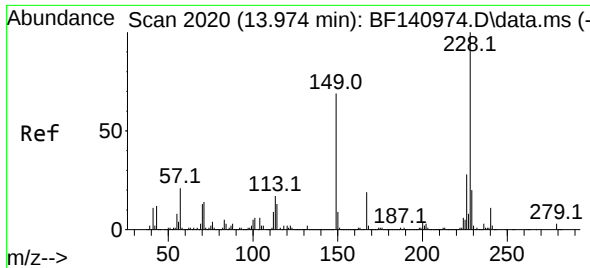


#80
Butylbenzylphthalate
Concen: 43.715 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52



Tgt Ion:149 Resp: 857532
Ion Ratio Lower Upper
149 100
91 78.1 59.5 89.3
206 20.3 17.1 25.7





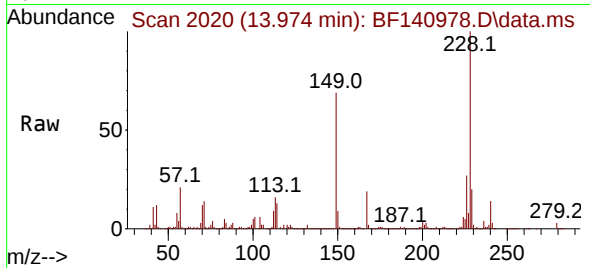
#81
Benzo(a)anthracene
Concen: 37.941 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



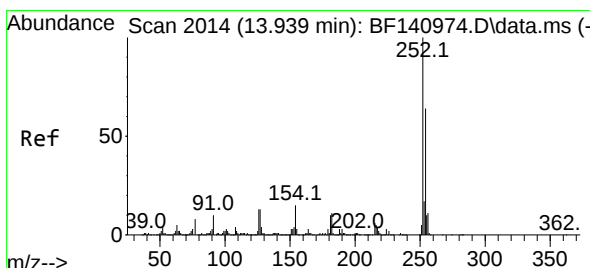
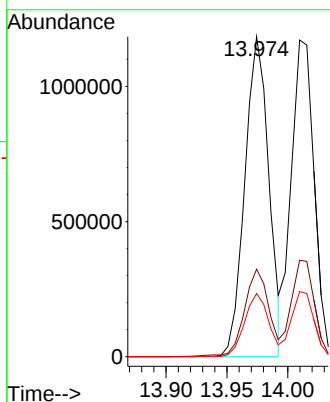
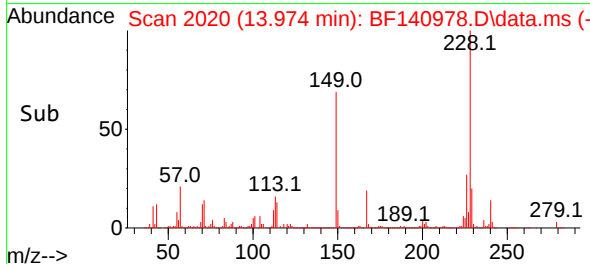
Tgt Ion:228 Resp: 162424
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.7 16.2 24.2

Manual Integrations

APPROVED

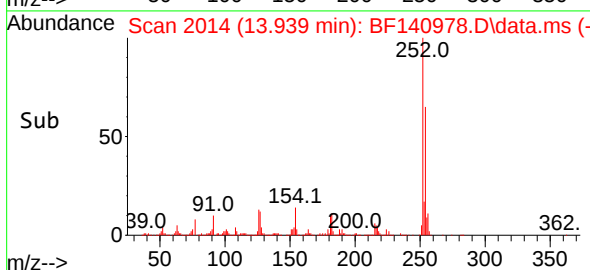
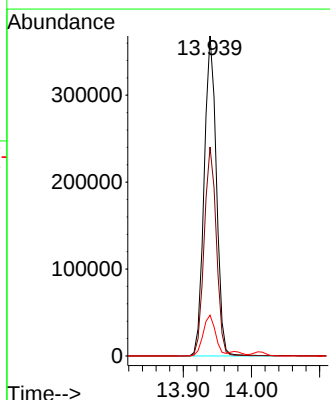
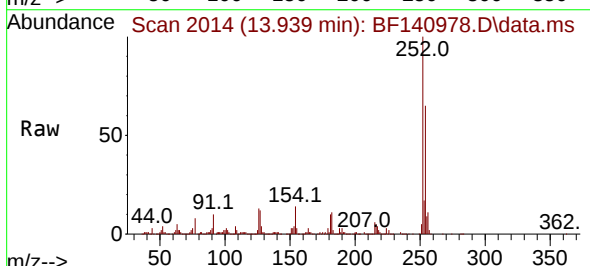
Reviewed By :Yogesh Patel 12/27/2024

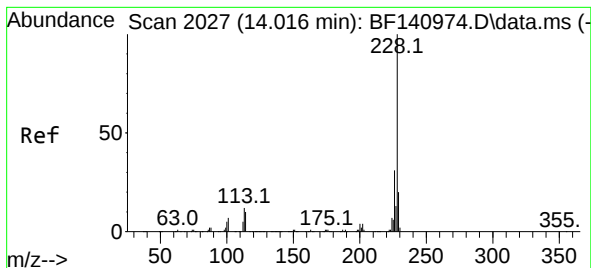
Supervised By :mohammad ahmed 12/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 35.805 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:252 Resp: 460524
Ion Ratio Lower Upper
252 100
254 65.3 51.5 77.3
126 12.7 10.3 15.5





#83

Chrysene

Concen: 39.695 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624

Tgt Ion:228 Resp: 1531898

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

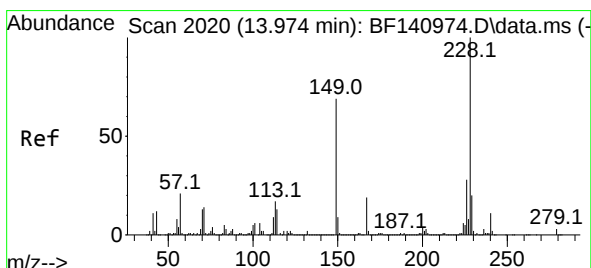
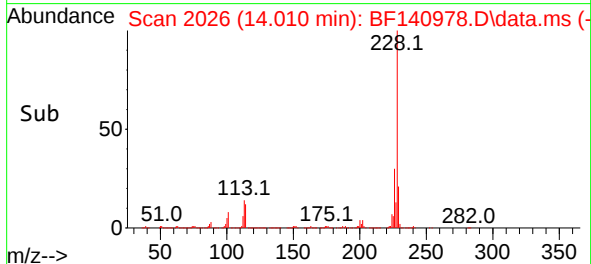
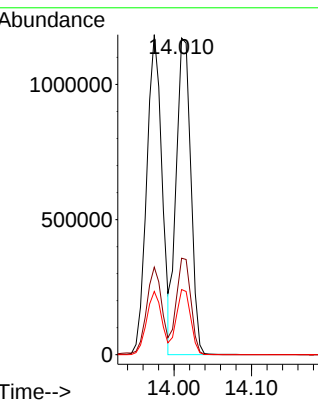
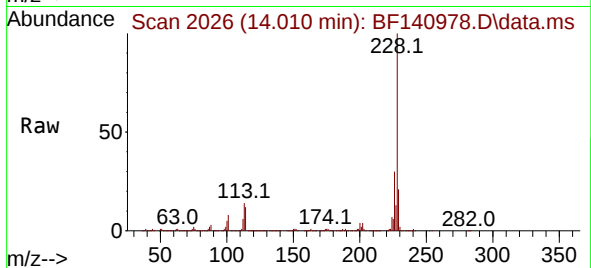
229 20.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.713 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF140978.D

Acq: 26 Dec 2024 19:52

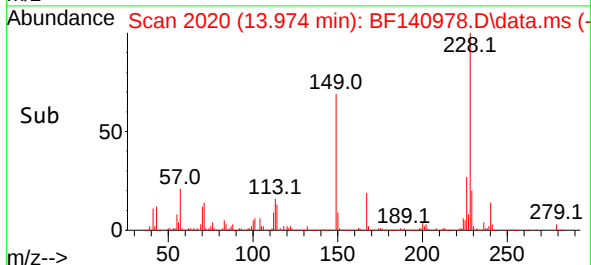
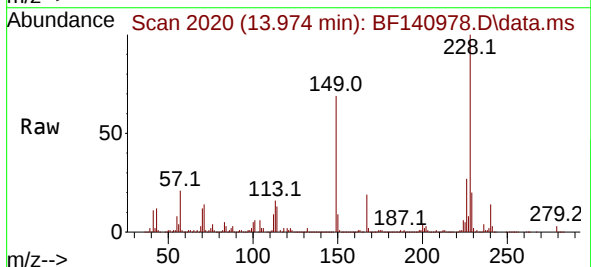
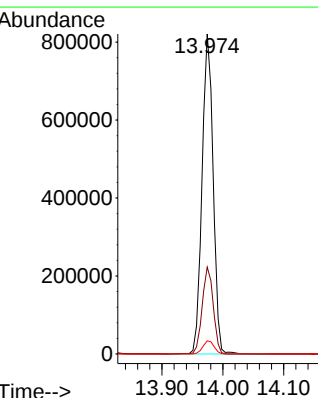
Tgt Ion:149 Resp: 1035953

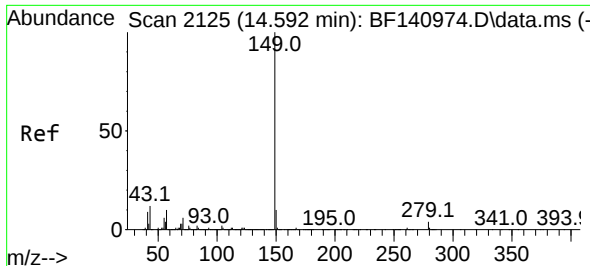
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

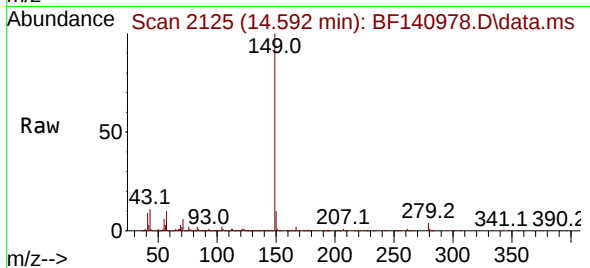
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 39.285 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

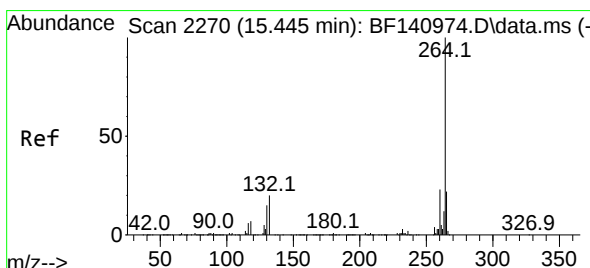
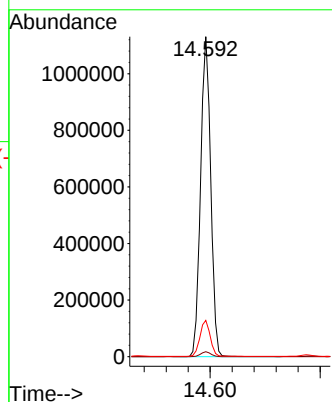
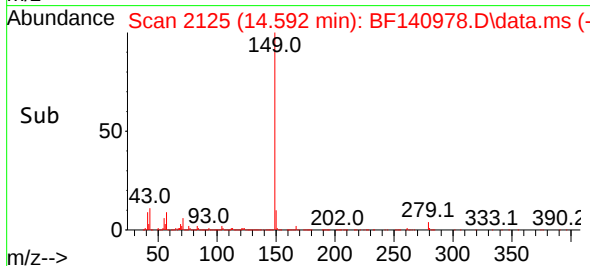
Instrument :
BNA_F
ClientSampleId :
ICVBF122624



Tgt Ion:149 Resp: 144678
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.4 9.3 13.9

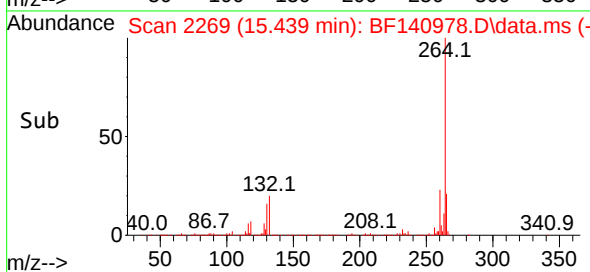
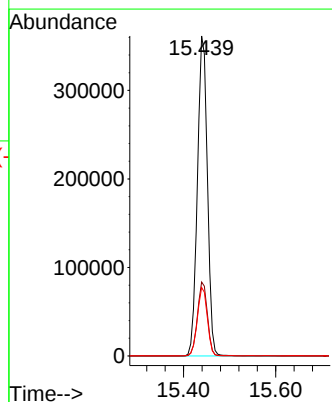
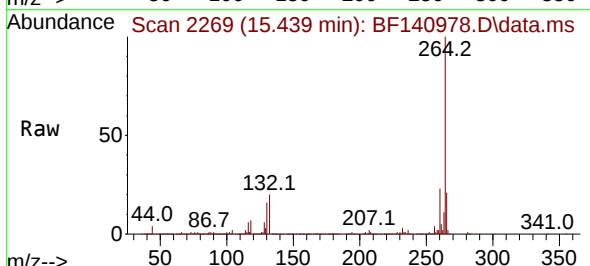
Manual Integrations
APPROVED

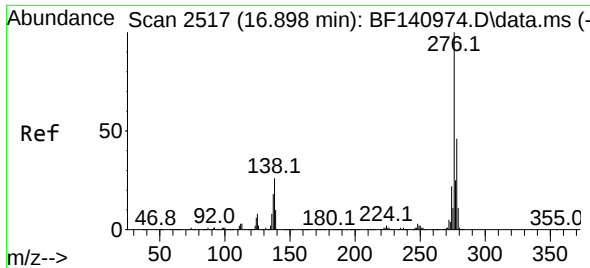
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:264 Resp: 543067
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.4 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.255 ng
RT: 16.892 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

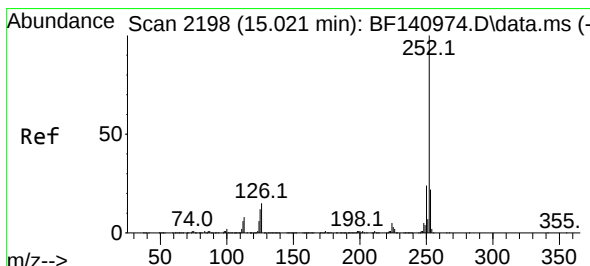
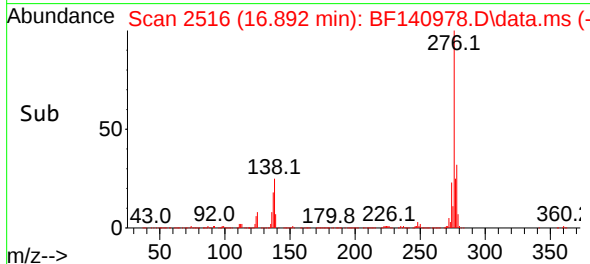
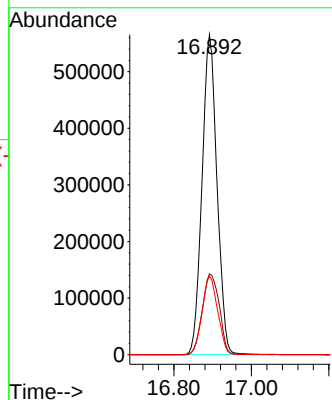
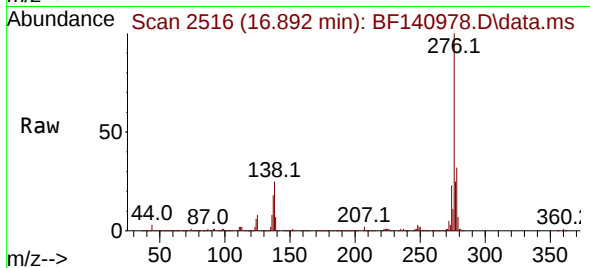
ClientSampleId :

ICVBF122624

Tgt Ion:276 Resp: 151416
Ion Ratio Lower Upper
276 100
138 28.7 23.1 34.7
277 25.5 20.4 30.6

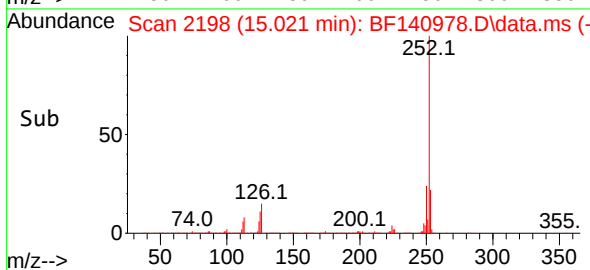
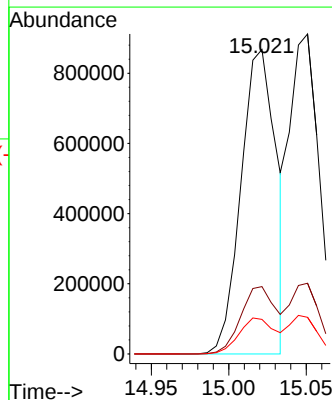
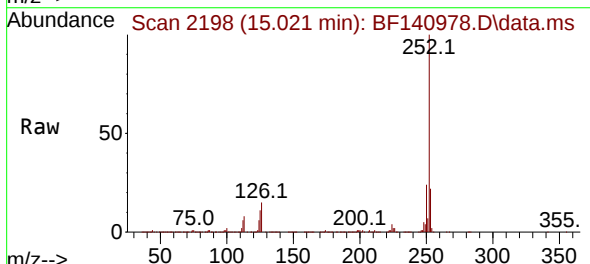
Manual Integrations
APPROVED

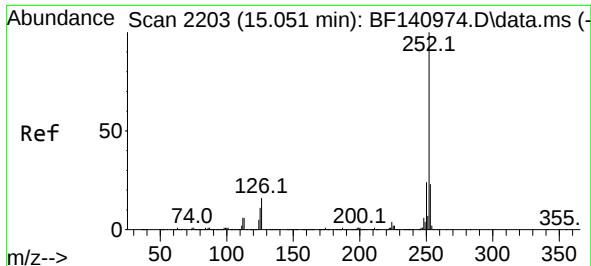
Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024



#88
Benzo(b)fluoranthene
Concen: 36.115 ng
RT: 15.021 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:252 Resp: 1367890
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.3 9.3 13.9





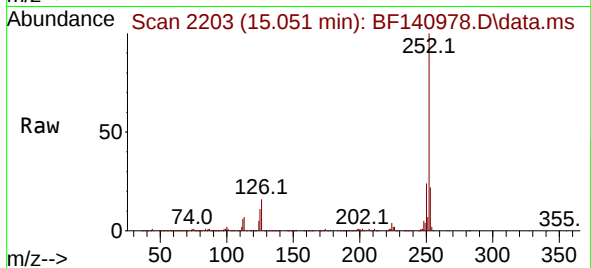
#89
Benzo(k)fluoranthene
Concen: 40.555 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



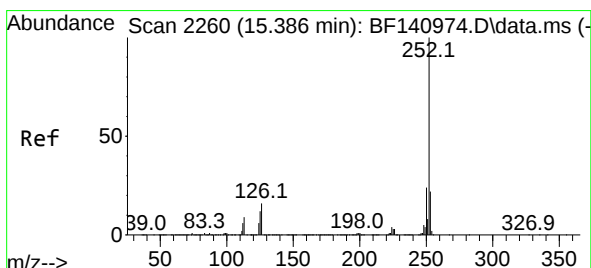
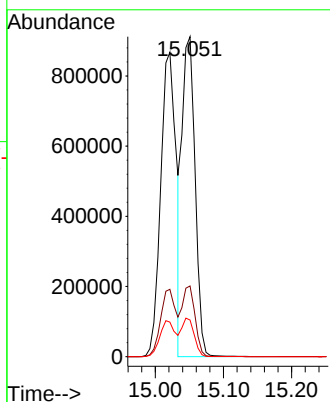
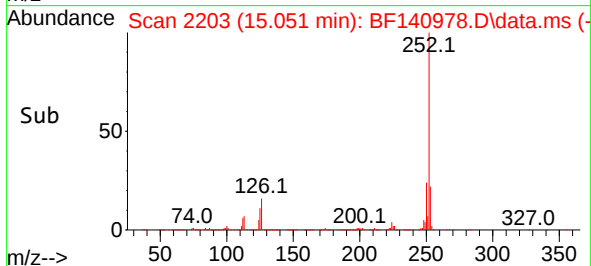
Tgt Ion:252 Resp: 120391
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.4 9.4 14.0

Manual Integrations

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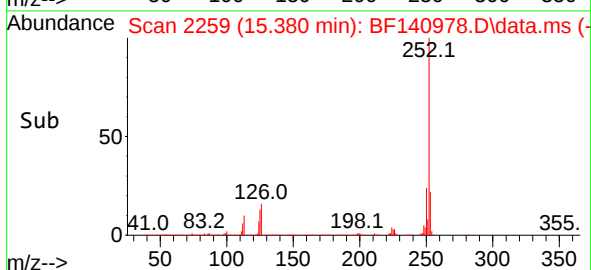
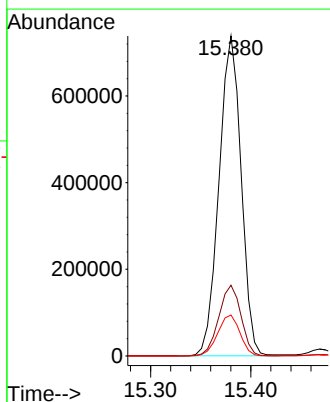
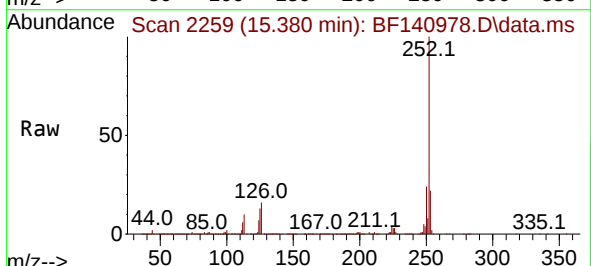
Reviewed By :Yogesh Patel 12/27/2024

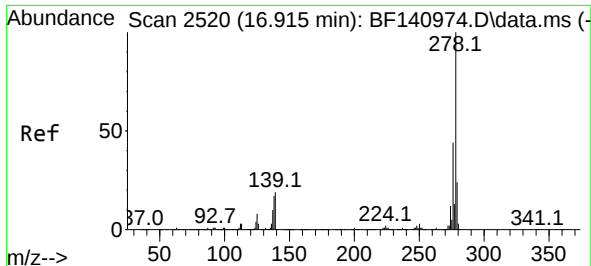
Supervised By :mohammad ahmed 12/27/2024



#90
Benzo(a)pyrene
Concen: 38.510 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:252 Resp: 1132116
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 12.8 9.8 14.8





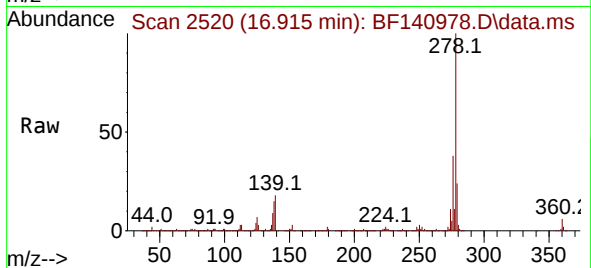
#91
Dibenzo(a,h)anthracene
Concen: 44.756 ng
RT: 16.915 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Instrument :

BNA_F

ClientSampleId :

ICVBF122624



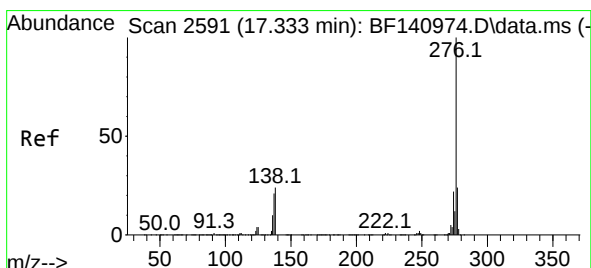
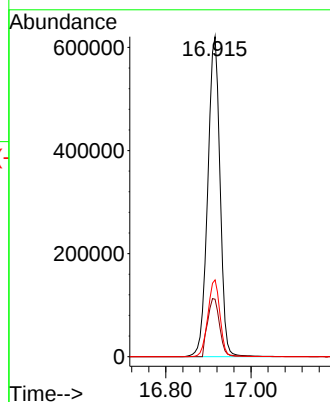
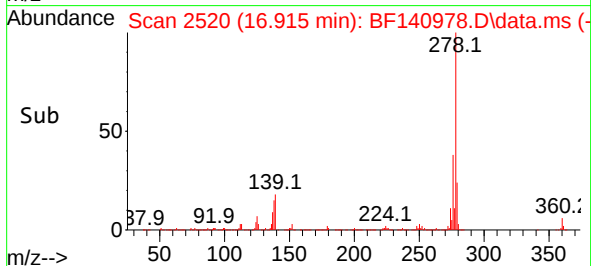
Tgt Ion:278 Resp: 1241284
Ion Ratio Lower Upper
278 100
139 18.0 14.9 22.3
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :mohammad ahmed 12/27/2024



#92
Benzo(g,h,i)perylene
Concen: 45.122 ng
RT: 17.333 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BF140978.D
Acq: 26 Dec 2024 19:52

Tgt Ion:276 Resp: 1297980
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 24.0 19.4 29.2

