

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140770.D
 Acq On : 06 Dec 2024 16:50
 Operator : RC/JU
 Sample : P5095-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
ClientSampleId :
 MH-764MSD

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 06 16:20:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	69745	20.000	ng	0.00	
21) Naphthalene-d8	8.151	136	259192	20.000	ng	0.00	
39) Acenaphthene-d10	9.904	164	145737	20.000	ng	-0.01	
64) Phenanthrene-d10	11.398	188	248438	20.000	ng	0.00	
76) Chrysene-d12	14.062	240	144492	20.000	ng	0.01	
86) Perylene-d12	15.592	264	158613	20.000	ng	0.05	
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	593830	145.272	ng	0.02	
7) Phenol-d6	6.522	99	718862	133.023	ng	0.00	
23) Nitrobenzene-d5	7.439	82	538077	106.187	ng	0.00	
42) 2,4,6-Tribromophenol	10.704	330	243130	155.986	ng	0.00	
45) 2-Fluorobiphenyl	9.222	172	1091179	111.557	ng	-0.01	
79) Terphenyl-d14	12.986	244	965410	104.038	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.798	88	74271	43.214	ng		Qvalue # 82
3) Pyridine	3.551	79	139720	36.949	ng		98
4) n-Nitrosodimethylamine	3.469	42	102362	46.057	ng		89
6) Aniline	6.545	93	52937	13.917	ng		# 1
8) 2-Chlorophenol	6.669	128	235411	53.530	ng		94
9) Benzaldehyde	6.428	77	35726	12.488	ng		98
10) Phenol	6.534	94	250822	45.448	ng		88
11) bis(2-Chloroethyl)ether	6.604	93	226195	53.560	ng		99
12) 1,3-Dichlorobenzene	6.810	146	224838	45.500	ng		98
13) 1,4-Dichlorobenzene	6.886	146	228563	45.681	ng		99
14) 1,2-Dichlorobenzene	7.039	146	220987	47.134	ng		100
15) Benzyl Alcohol	7.022	79	209800	52.350	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	266587	53.432	ng		# 63
17) 2-Methylphenol	7.139	107	180761	51.347	ng		94
18) Hexachloroethane	7.375	117	83616	44.745	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	176004	55.108	ng		96
20) 3+4-Methylphenols	7.298	107	244439	54.021	ng		# 60
22) Acetophenone	7.281	105	335726	53.130	ng		# 91
24) Nitrobenzene	7.457	77	258945	49.444	ng		97
25) Isophorone	7.692	82	470201	55.633	ng		99
26) 2-Nitrophenol	7.769	139	128967	55.568	ng		97
27) 2,4-Dimethylphenol	7.810	122	195110m	70.262	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	284105	55.178	ng		99
29) 2,4-Dichlorophenol	8.028	162	204337	55.533	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	206621	49.181	ng		99
31) Naphthalene	8.175	128	690731	51.738	ng		99
32) Benzoic acid	7.951	122	106970	44.826	ng		98
33) 4-Chloroaniline	8.245	127	28035	7.014	ng		95
34) Hexachlorobutadiene	8.280	225	136498	49.052	ng		99
35) Caprolactam	8.604	113	49582m	43.542	ng		
36) 4-Chloro-3-methylphenol	8.722	107	220627	53.553	ng		100
37) 2-Methylnaphthalene	8.863	142	472615	55.734	ng		99
38) 1-Methylnaphthalene	8.963	142	437287	52.610	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	229975	53.903	ng		99
41) Hexachlorocyclopentadiene	9.010	237	155502	154.662	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	147157	54.968	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	152722	52.563	ng	97
46) 1,1'-Biphenyl	9.327	154	603971	55.508	ng	99
47) 2-Chloronaphthalene	9.357	162	438161	53.145	ng	98
48) 2-Nitroaniline	9.457	65	131194	49.575	ng	96
49) Acenaphthylene	9.769	152	717237	57.576	ng	100
50) Dimethylphthalate	9.627	163	553147	57.631	ng	100
51) 2,6-Dinitrotoluene	9.698	165	112566	51.711	ng	95
52) Acenaphthene	9.939	154	432147	54.597	ng	99
53) 3-Nitroaniline	9.874	138	14074	6.611	ng	98
54) 2,4-Dinitrophenol	9.992	184	123706	106.821	ng	91
55) Dibenzofuran	10.116	168	646525	53.551	ng	100
56) 4-Nitrophenol	10.057	139	87839	60.496	ng	87
57) 2,4-Dinitrotoluene	10.110	165	148890	51.465	ng #	93
58) Fluorene	10.457	166	520262	53.686	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	124764	55.874	ng #	92
60) Diethylphthalate	10.327	149	538131	55.182	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	263844	55.478	ng	97
62) 4-Nitroaniline	10.486	138	90706	40.622	ng	95
63) Azobenzene	10.610	77	498994	54.033	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	81782	64.419	ng	93
66) n-Nitrosodiphenylamine	10.569	169	424588	57.791	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	155058	60.604	ng	96
68) Hexachlorobenzene	11.010	284	172809	58.332	ng	99
69) Atrazine	11.098	200	108412	52.453	ng	98
70) Pentachlorophenol	11.216	266	123810	94.955	ng	98
71) Phenanthrene	11.421	178	683462	57.231	ng	100
72) Anthracene	11.474	178	691591	59.203	ng	100
73) Carbazole	11.633	167	565888	50.355	ng	100
74) Di-n-butylphthalate	11.951	149	787999	60.736	ng	100
75) Fluoranthene	12.615	202	646606	49.869	ng	99
77) Benzidine	12.757	184	9217m	2.194	ng	
78) Pyrene	12.845	202	640574	47.947	ng	100
80) Butylbenzylphthalate	13.457	149	262818	54.608	ng	99
81) Benzo(a)anthracene	14.051	228	552169	57.729	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	35341	12.307	ng	97
83) Chrysene	14.092	228	481343	55.036	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	369792	60.849	ng	100
85) Di-n-octyl phthalate	14.674	149	616875	74.275	ng	97
87) Indeno(1,2,3-cd)pyrene	17.121	276	472580	45.719	ng	98
88) Benzo(b)fluoranthene	15.151	252	531422	53.341	ng	100
89) Benzo(k)fluoranthene	15.180	252	526667	60.410	ng	100
90) Benzo(a)pyrene	15.527	252	497215	61.381	ng	100
91) Dibenzo(a,h)anthracene	17.127	278	401951	47.482	ng	99
92) Benzo(g,h,i)perylene	17.574	276	318067	36.820	ng	99

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

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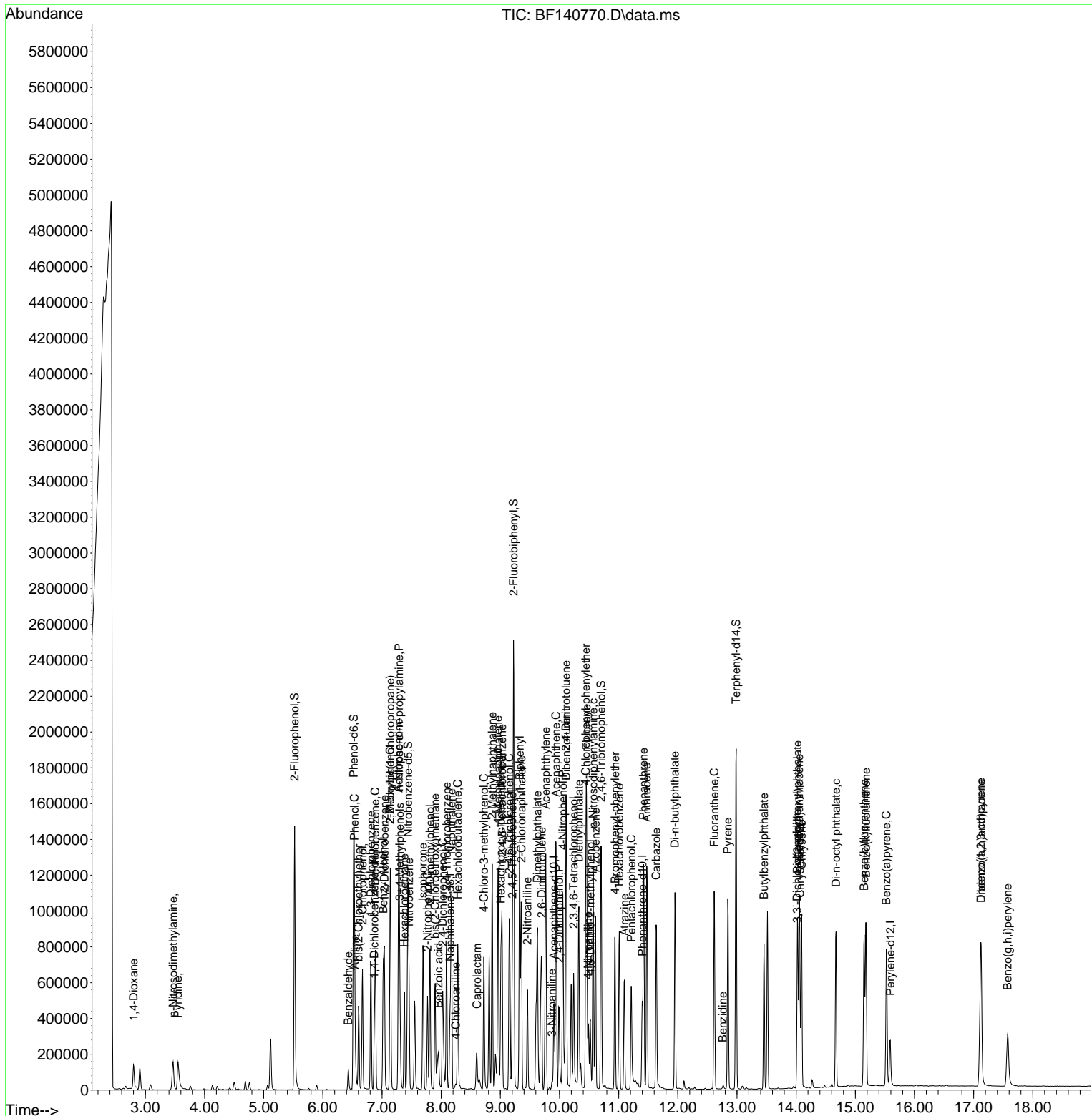
Manual Integrations

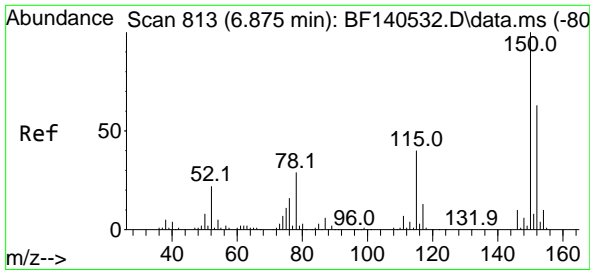
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Supervised By :mohammad ahmed 12/10/2024

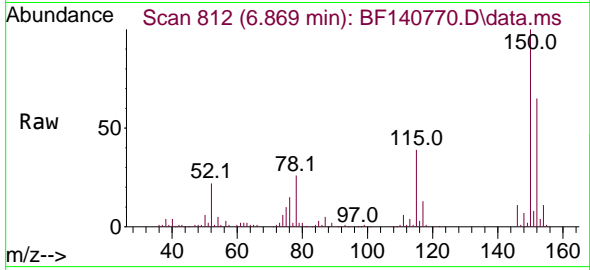
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

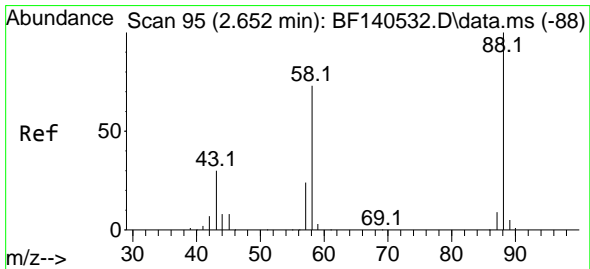
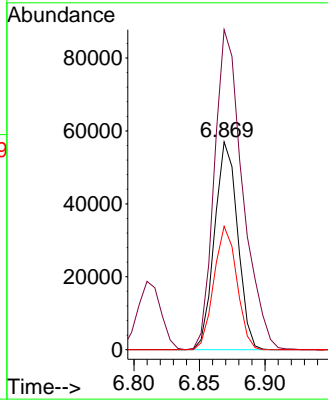
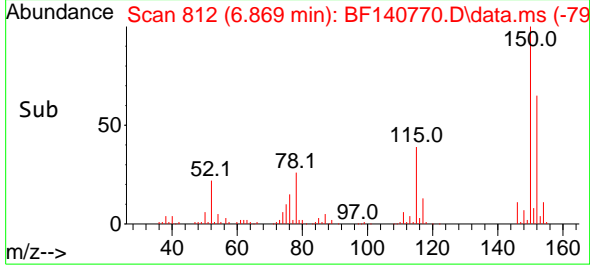
Instrument : BNA_F
 ClientSampleId : MH-764MSD



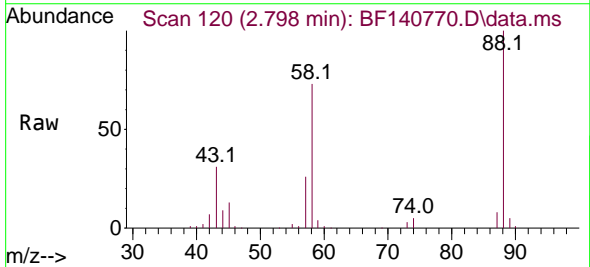
Tgt Ion:152 Resp: 6974
 Ion Ratio Lower Upper
 152 100
 150 154.0 128.5 192.7
 115 59.4 50.2 75.4

Manual Integrations
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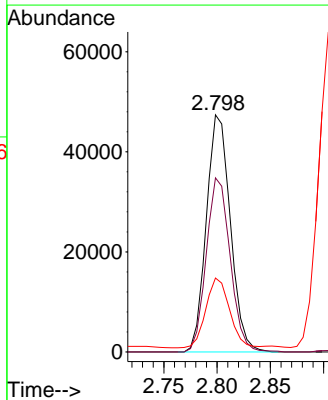
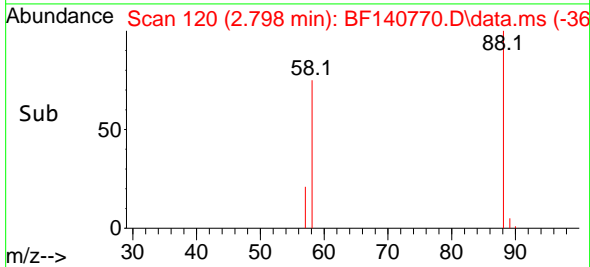
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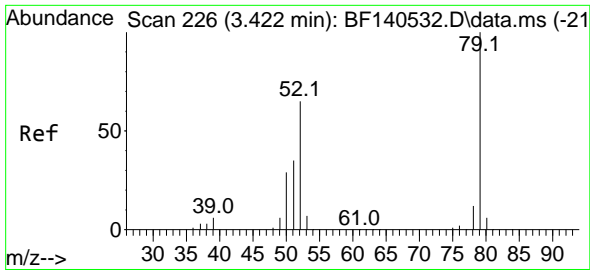


#2
 1,4-Dioxane
 Concen: 43.214 ng
 RT: 2.798 min Scan# 120
 Delta R.T. 0.147 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion: 88 Resp: 74271
 Ion Ratio Lower Upper
 88 100
 58 73.1 57.4 86.2
 43 0.0 24.3 36.5





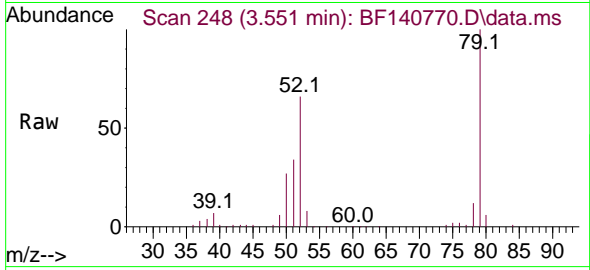
#3
 Pyridine
 Concen: 36.949 ng
 RT: 3.551 min Scan# 24
 Delta R.T. 0.129 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD



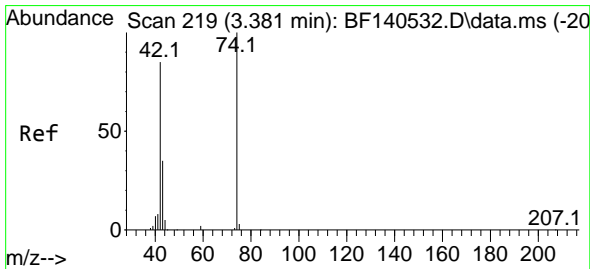
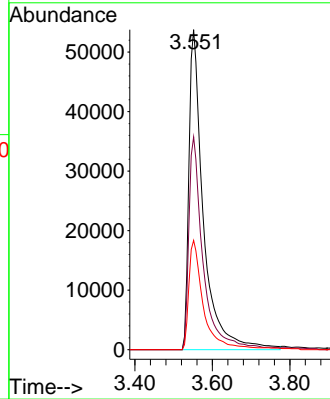
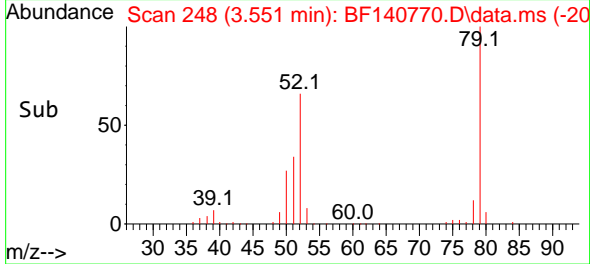
Tgt Ion: 79 Resp: 139720
 Ion Ratio Lower Upper
 79 100
 52 66.5 52.1 78.1
 51 34.1 27.8 41.8

Manual Integrations

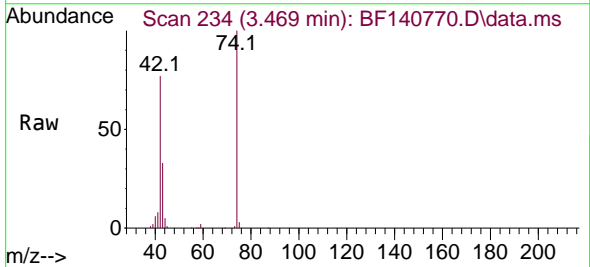
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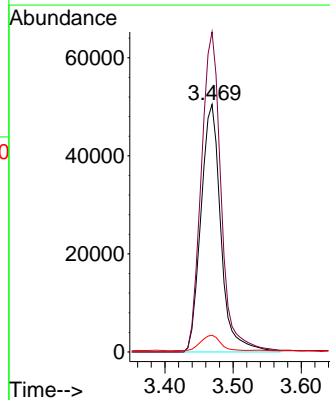
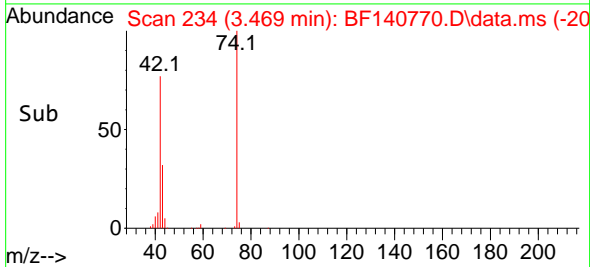
Supervised By :mohammad ahmed 12/10/2024

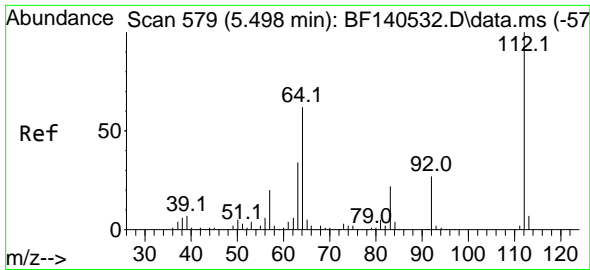


#4
 n-Nitrosodimethylamine
 Concen: 46.057 ng
 RT: 3.469 min Scan# 234
 Delta R.T. 0.088 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion: 42 Resp: 102362
 Ion Ratio Lower Upper
 42 100
 74 129.3 93.8 140.6
 44 6.8 4.6 6.8





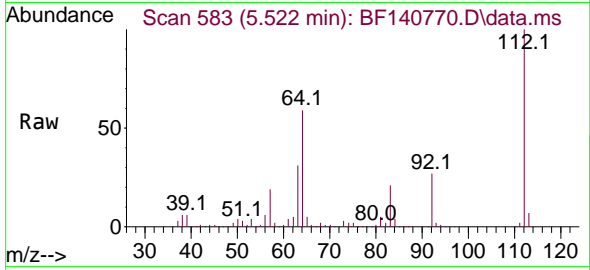
#5
 2-Fluorophenol
 Concen: 145.272 ng
 RT: 5.522 min Scan# 583
 Delta R.T. 0.023 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD



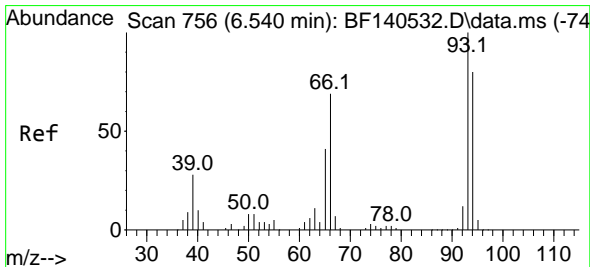
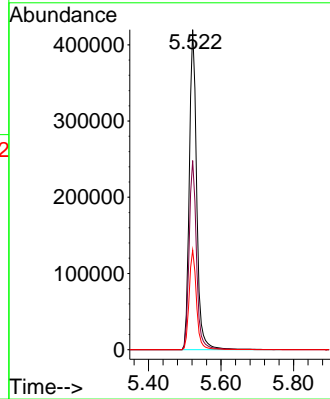
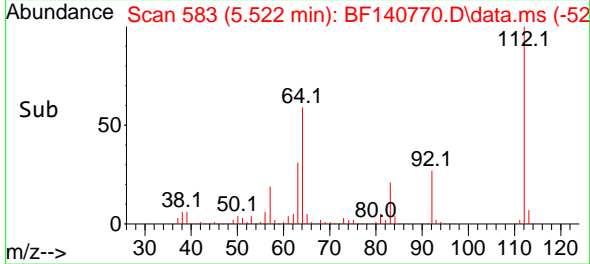
Tgt Ion: 112 Resp: 593830
 Ion Ratio Lower Upper
 112 100
 64 59.1 49.2 73.8
 63 31.1 27.0 40.4

Manual Integrations

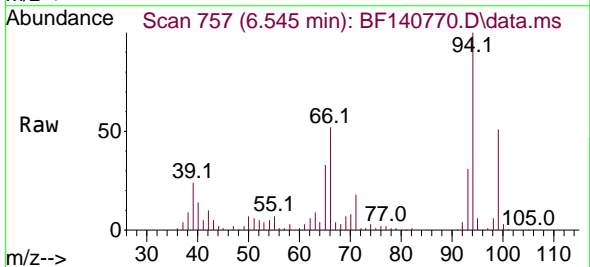
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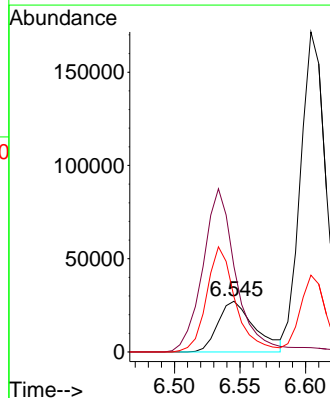
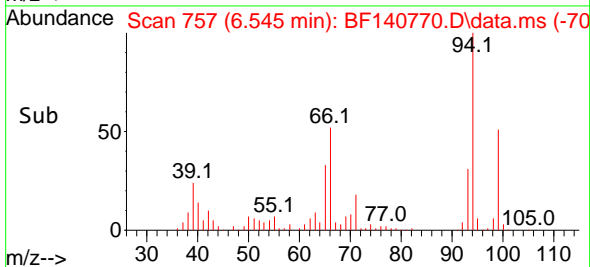
Supervised By :mohammad ahmed 12/10/2024

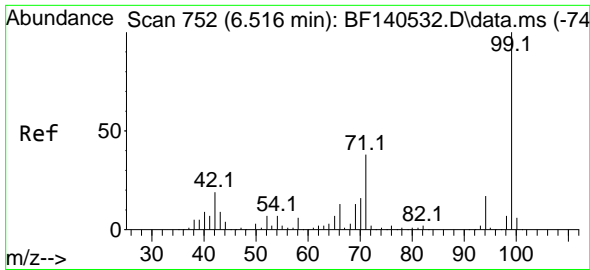


#6
 Aniline
 Concen: 13.917 ng
 RT: 6.545 min Scan# 757
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



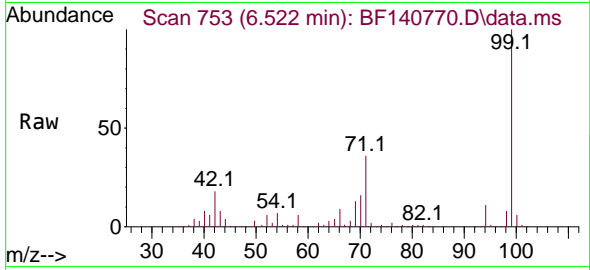
Tgt Ion: 93 Resp: 52937
 Ion Ratio Lower Upper
 93 100
 66 168.4 56.5 84.7#
 65 108.4 32.9 49.3#





#7
 Phenol-d6
 Concen: 133.023 ng
 RT: 6.522 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

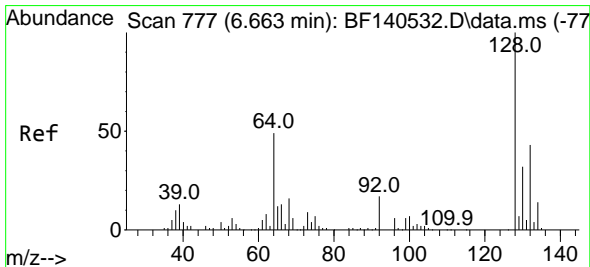
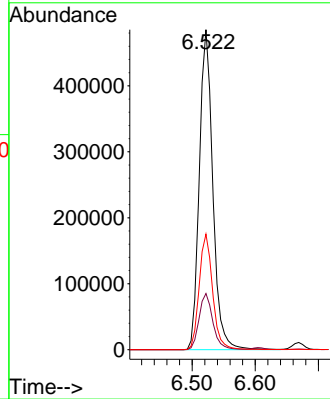
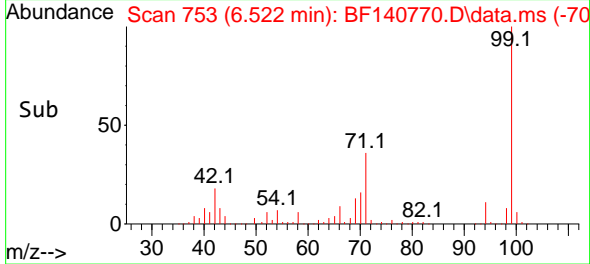
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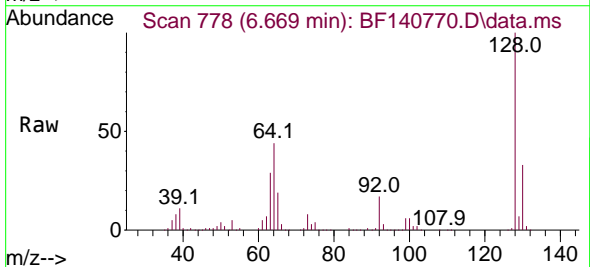
Tgt Ion: 99 Resp: 71886
 Ion Ratio Lower Upper
 99 100
 42 17.6 15.4 23.0
 71 36.1 30.6 46.0

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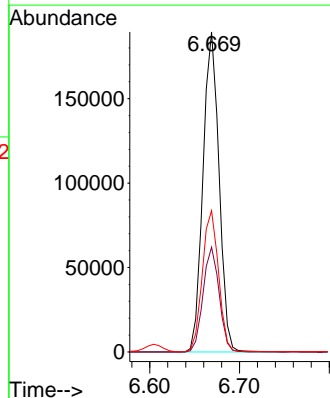
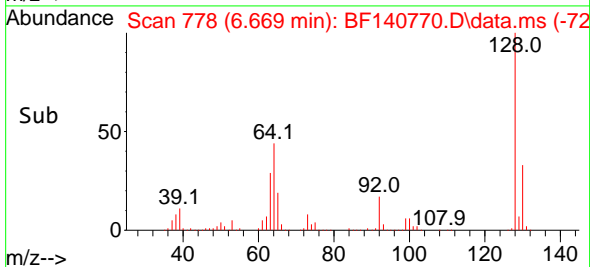
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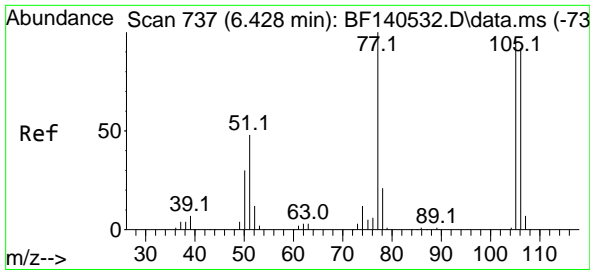


#8
 2-Chlorophenol
 Concen: 53.530 ng
 RT: 6.669 min Scan# 778
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:128 Resp: 235411
 Ion Ratio Lower Upper
 128 100
 130 32.7 12.3 52.3
 64 44.2 30.2 70.2





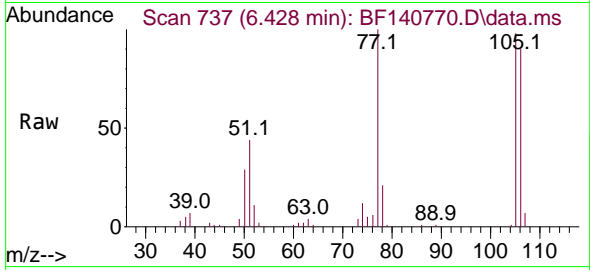
#9
 Benzaldehyde
 Concen: 12.488 ng
 RT: 6.428 min Scan# 71
 Delta R.T. -0.000 min
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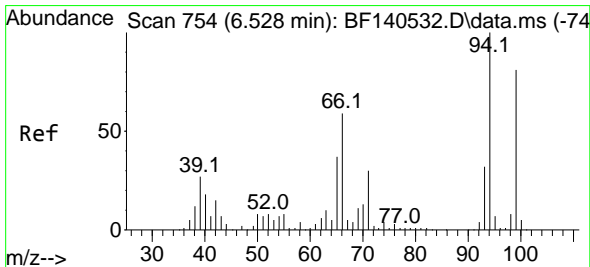
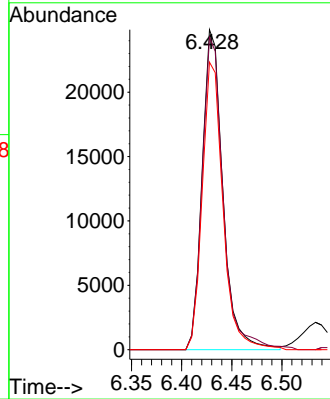
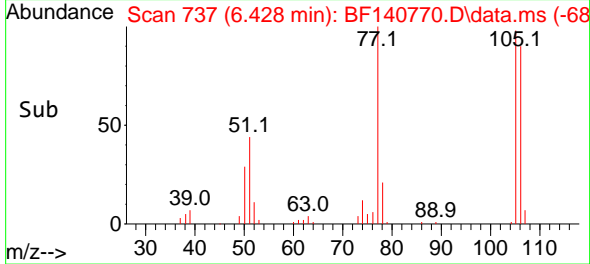
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 Ion Ratio Lower Upper
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 105 97.6 75.6 115.6
 106 89.9 72.0 112.0

Manual Integrations

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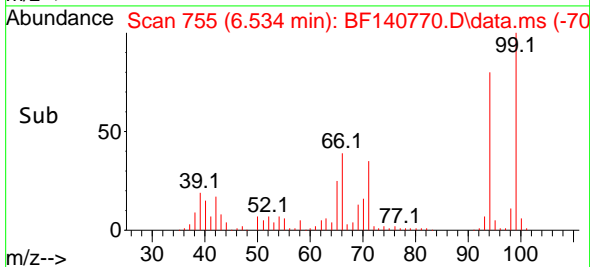
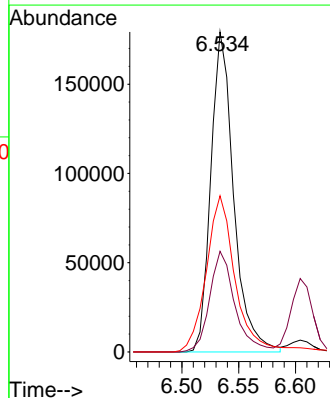
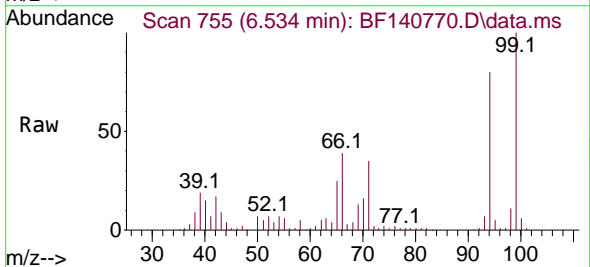
Reviewed By :Yogesh Patel 12/10/2024

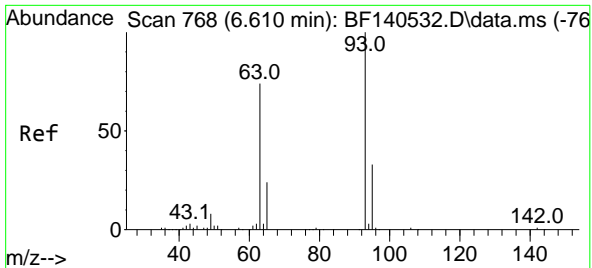
Supervised By :mohammad ahmed 12/10/2024



#10
 Phenol
 Concen: 45.448 ng
 RT: 6.534 min Scan# 755
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Tgt Ion: 94 Resp: 250822
 Ion Ratio Lower Upper
 94 100
 65 31.4 17.2 57.2
 66 48.8 39.2 79.2





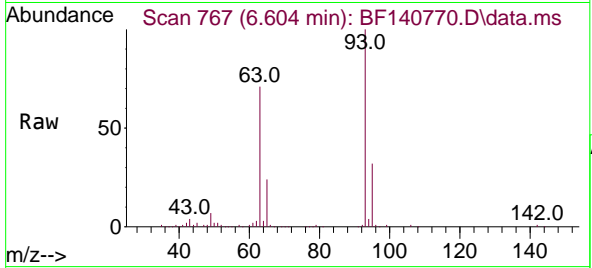
#11
 bis(2-Chloroethyl)ether
 Concen: 53.560 ng
 RT: 6.604 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

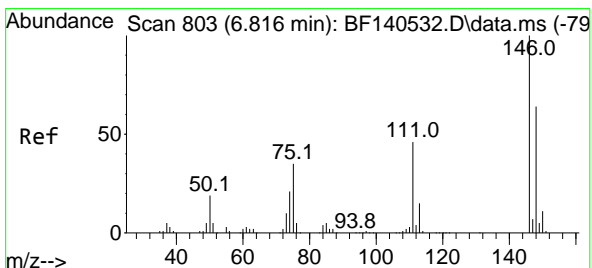
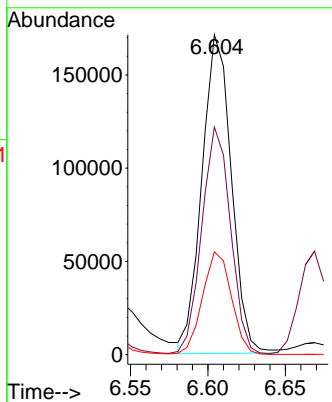
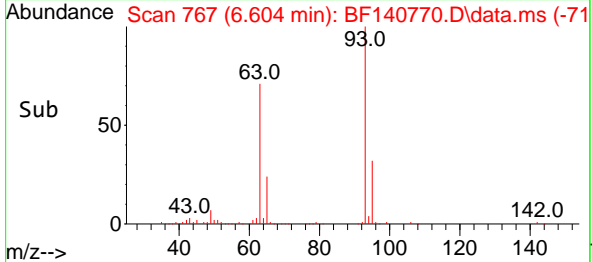
MH-764MSD



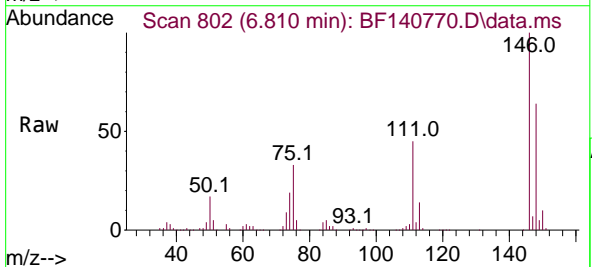
Tgt Ion: 93 Resp: 22619
 Ion Ratio Lower Upper
 93 100
 63 71.1 52.8 92.8
 95 32.2 12.3 52.3

Manual Integrations
 APPROVED

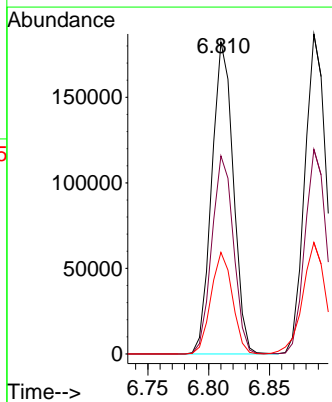
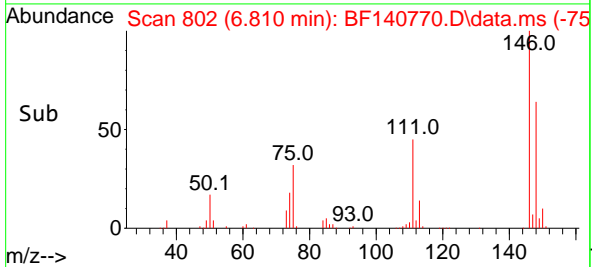
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

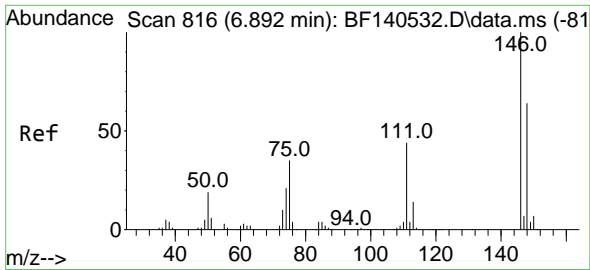


#12
 1,3-Dichlorobenzene
 Concen: 45.500 ng
 RT: 6.810 min Scan# 802
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:146 Resp: 224838
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.3 76.9
 75 32.5 28.2 42.2





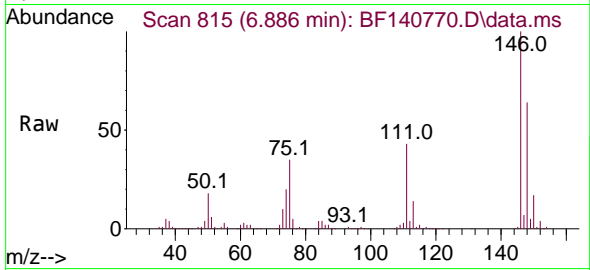
#13
 1,4-Dichlorobenzene
 Concen: 45.681 ng
 RT: 6.886 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD

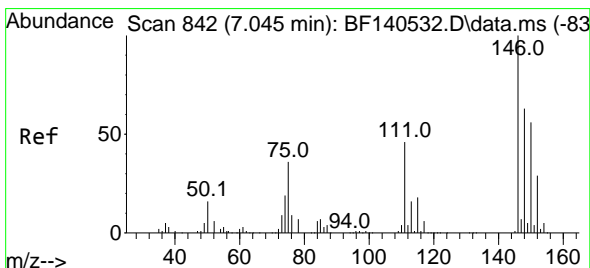
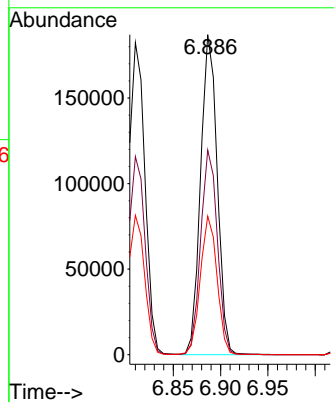
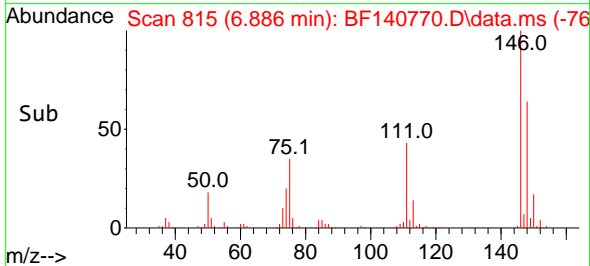


Tgt Ion:146 Resp: 22856
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 43.3 35.3 52.9

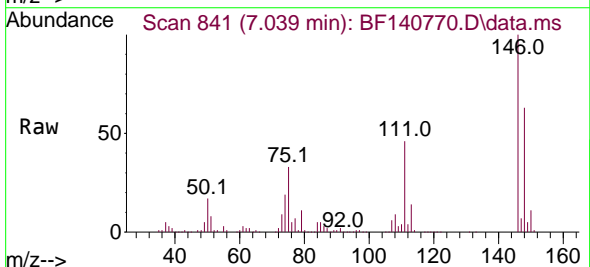
Manual Integrations

APPROVED

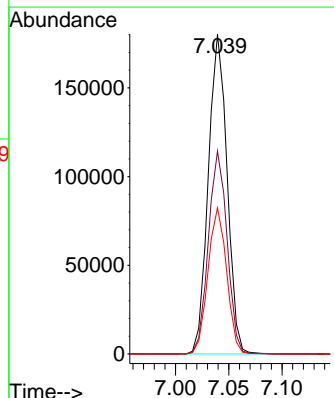
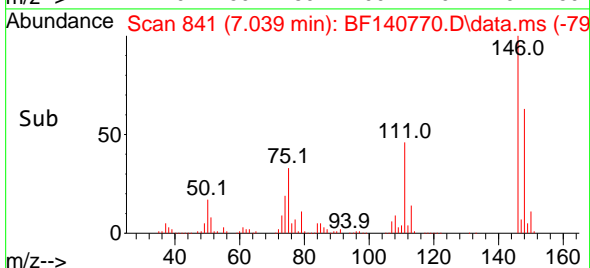
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

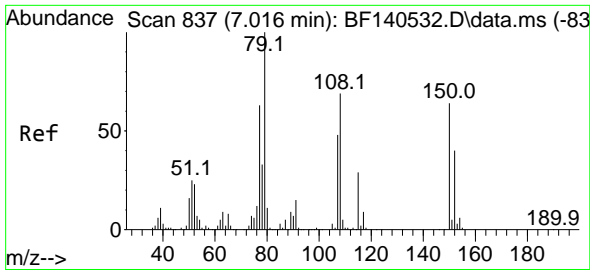


#14
 1,2-Dichlorobenzene
 Concen: 47.134 ng
 RT: 7.039 min Scan# 841
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:146 Resp: 220987
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.5 75.7
 111 45.7 36.7 55.1





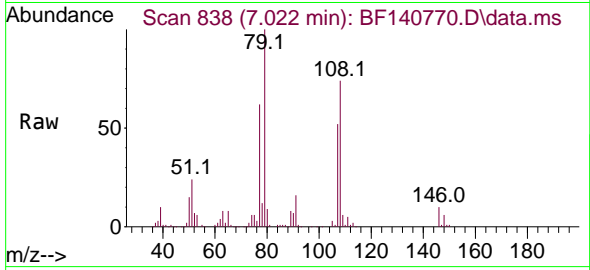
#15
Benzyl Alcohol
Concen: 52.350 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



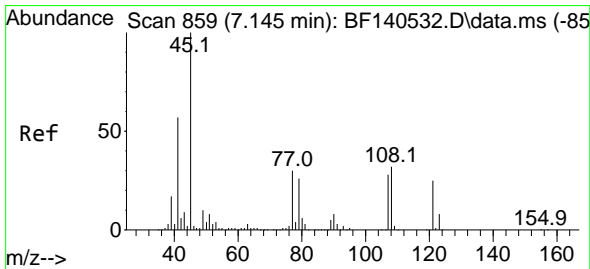
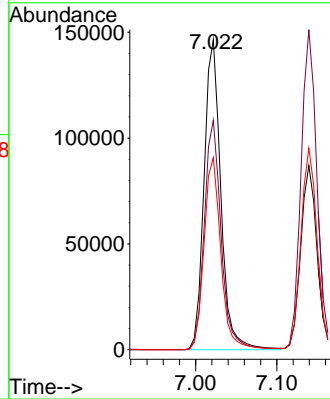
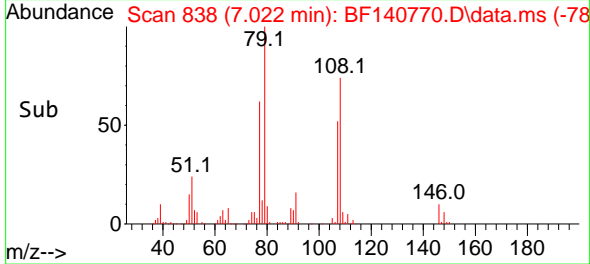
Tgt Ion: 79 Resp: 209800
Ion Ratio Lower Upper
79 100
108 74.1 55.0 82.6
77 62.0 50.1 75.1

Manual Integrations

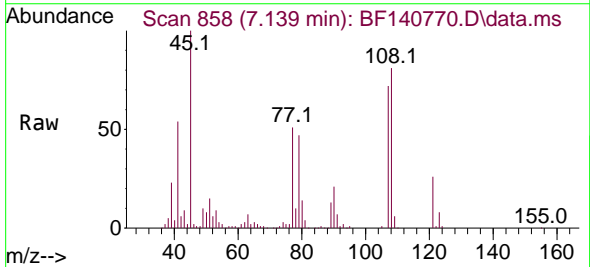
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

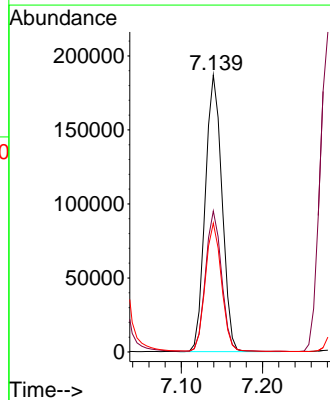
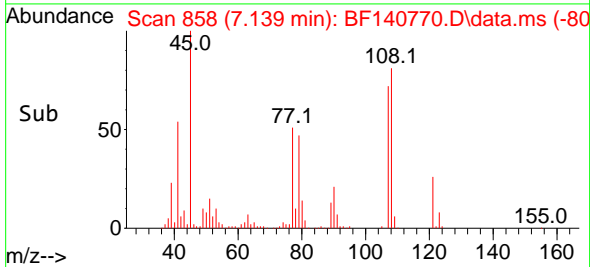
Supervised By :mohammad ahmed 12/10/2024

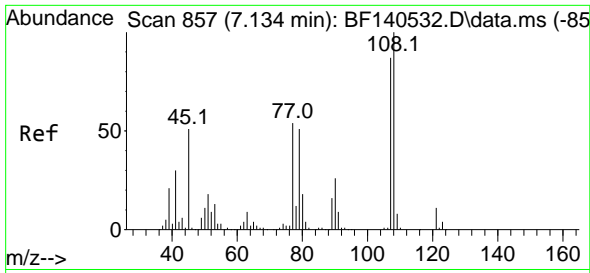


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.432 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50



Tgt Ion: 45 Resp: 266587
Ion Ratio Lower Upper
45 100
77 50.9 10.7 50.7#
79 46.5 7.0 47.0





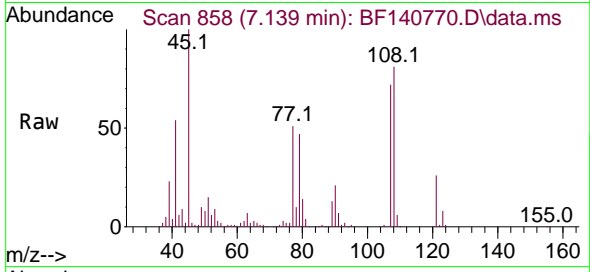
#17
 2-Methylphenol
 Concen: 51.347 ng
 RT: 7.139 min Scan# 810
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



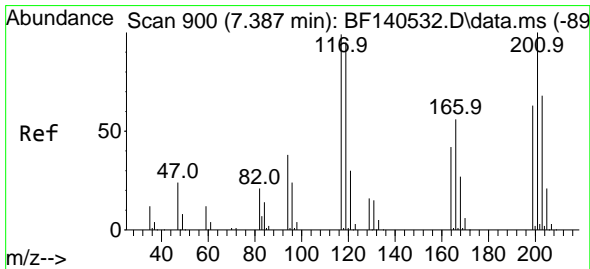
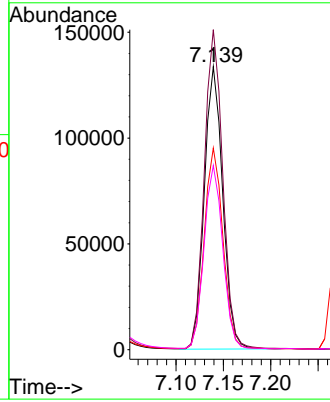
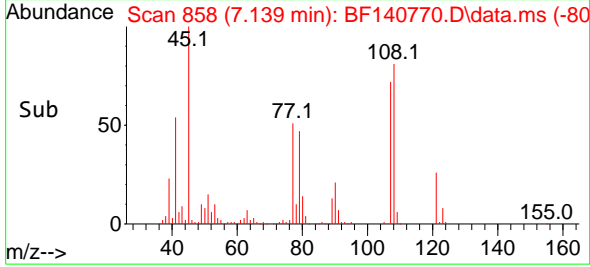
Tgt Ion:107 Resp: 18076
 Ion Ratio Lower Upper
 107 100
 108 113.1 91.7 137.5
 77 71.2 49.3 73.9
 79 65.1 47.1 70.7

Manual Integrations

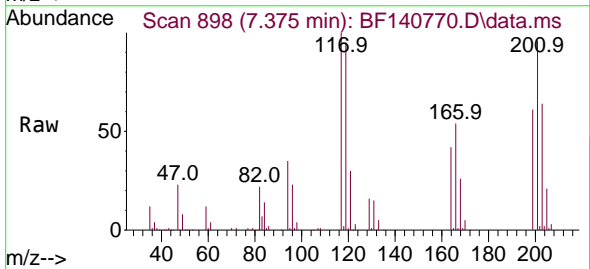
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

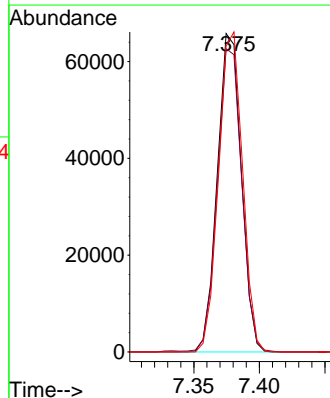
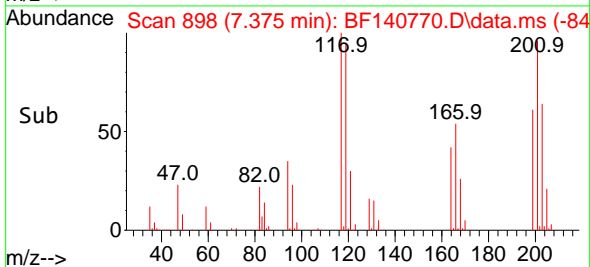
Supervised By :mohammad ahmed 12/10/2024

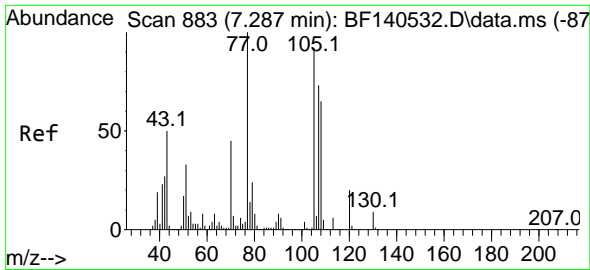


#18
 Hexachloroethane
 Concen: 44.745 ng
 RT: 7.375 min Scan# 898
 Delta R.T. -0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:117 Resp: 83616
 Ion Ratio Lower Upper
 117 100
 119 95.3 77.1 115.7
 201 96.1 81.1 121.7





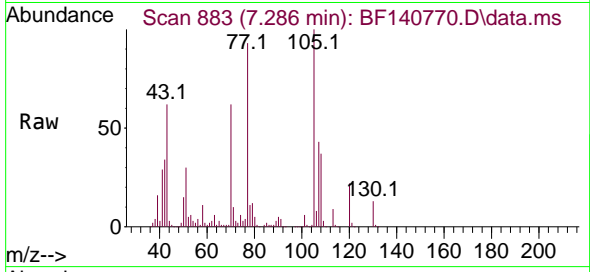
#19
 n-Nitroso-di-n-propylamine
 Concen: 55.108 ng
 RT: 7.286 min Scan# 881
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



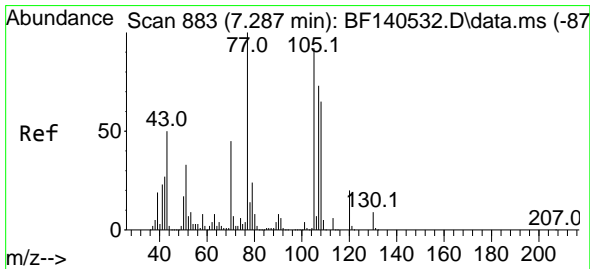
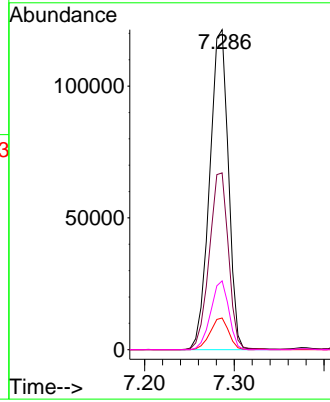
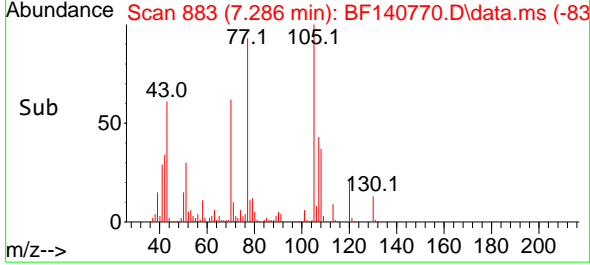
Tgt Ion: 70 Resp: 176004
 Ion Ratio Lower Upper
 70 100
 42 55.2 47.6 71.4
 101 9.9 7.6 11.4
 130 21.5 16.2 24.4

Manual Integrations

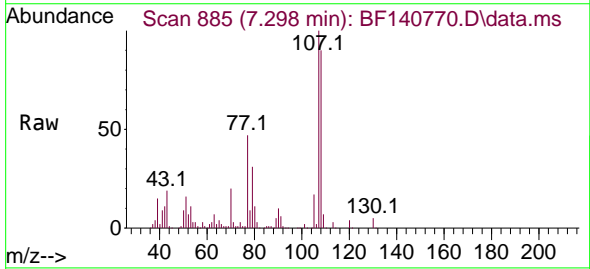
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

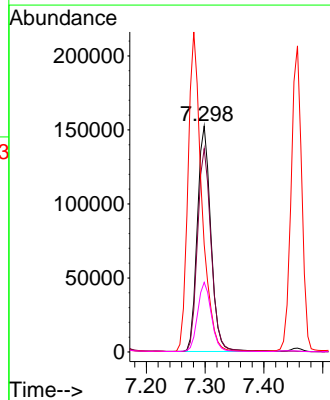
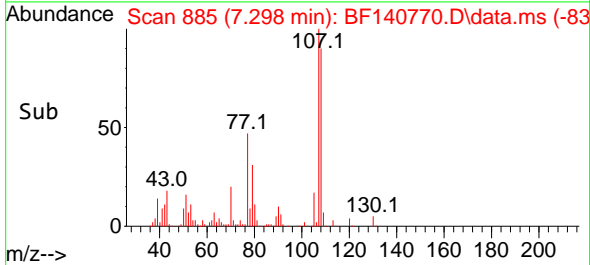
Supervised By :mohammad ahmed 12/10/2024

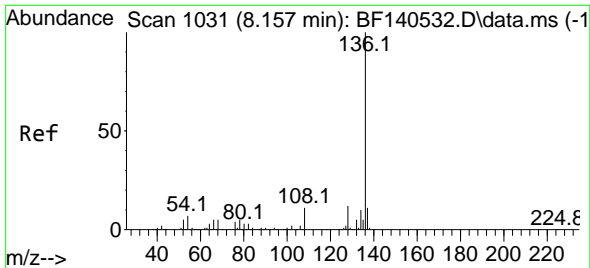


#20
 3+4-Methylphenols
 Concen: 54.021 ng
 RT: 7.298 min Scan# 885
 Delta R.T. 0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:107 Resp: 244439
 Ion Ratio Lower Upper
 107 100
 108 90.0 69.9 109.9
 77 47.5 117.7 157.7#
 79 30.8 13.4 53.4





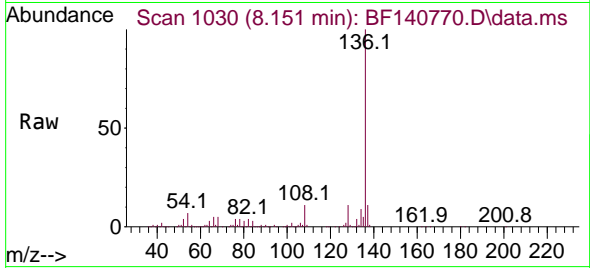
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.151 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD



Tgt Ion:136 Resp: 25919

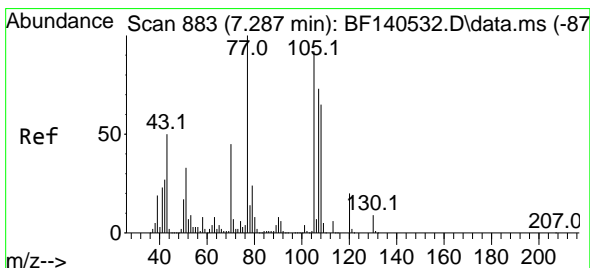
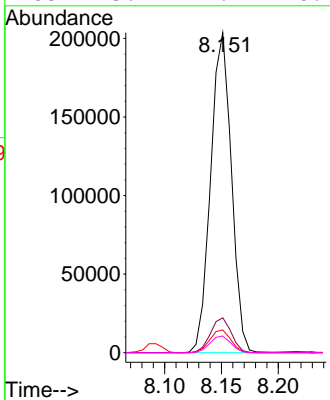
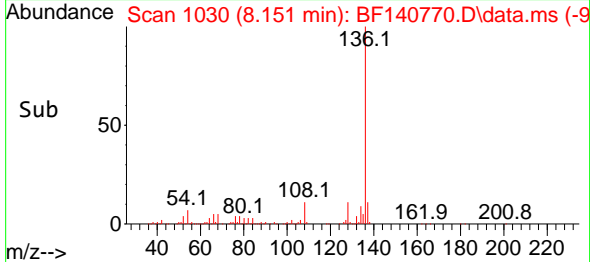
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	5.8	8.8
68	5.2	4.1	6.1

Manual Integrations

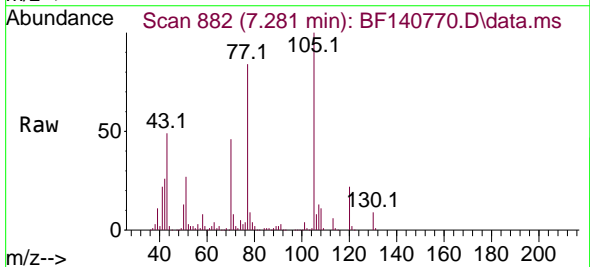
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

Supervised By :mohammad ahmed 12/10/2024

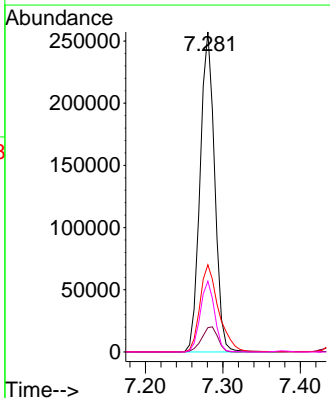
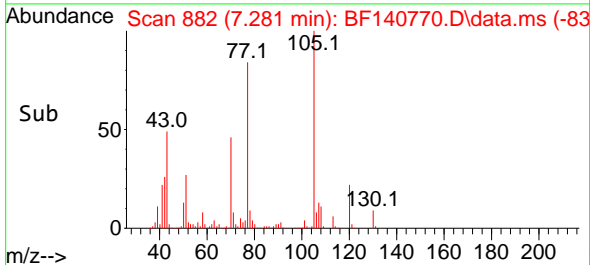


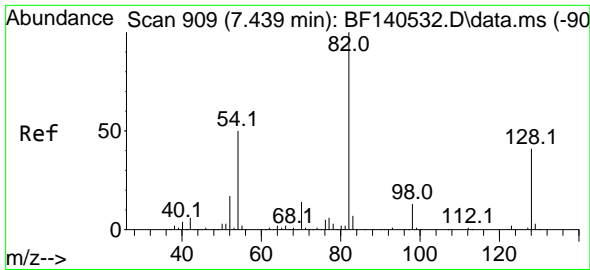
#22
 Acetophenone
 Concen: 53.130 ng
 RT: 7.281 min Scan# 882
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:105 Resp: 335726

Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.2	9.2
51	27.3	29.0	43.6#
120	22.1	17.4	26.0





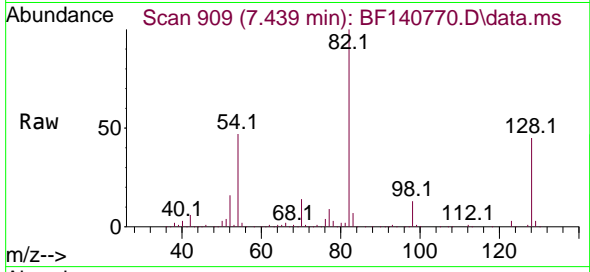
#23
 Nitrobenzene-d5
 Concen: 106.187 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client SampleId :

MH-764MSD



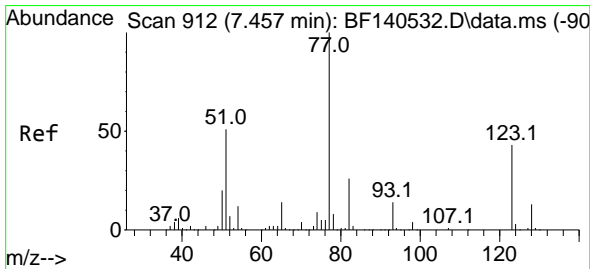
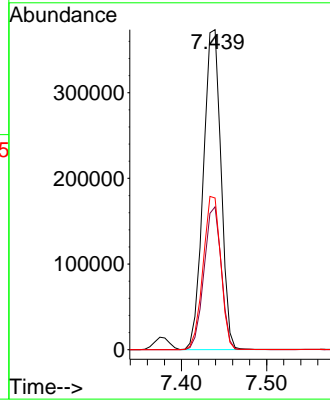
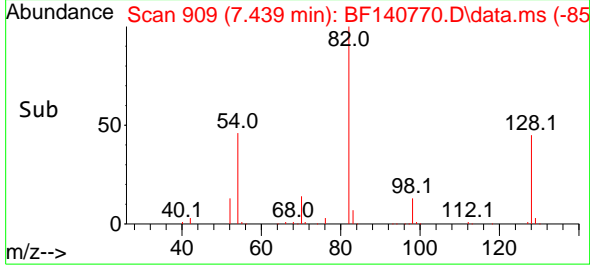
Tgt Ion: 82 Resp: 53807
 Ion Ratio Lower Upper
 82 100
 128 44.7 33.0 49.4
 54 47.4 39.5 59.3

Manual Integrations

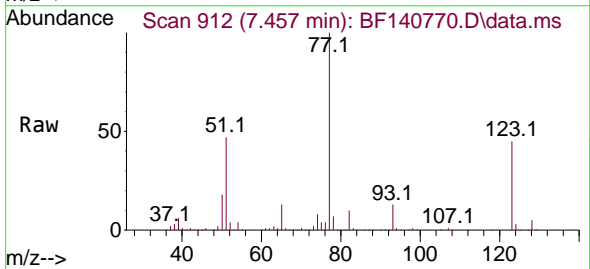
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

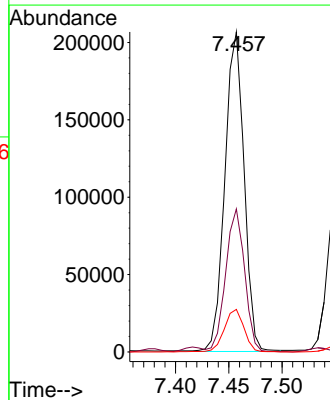
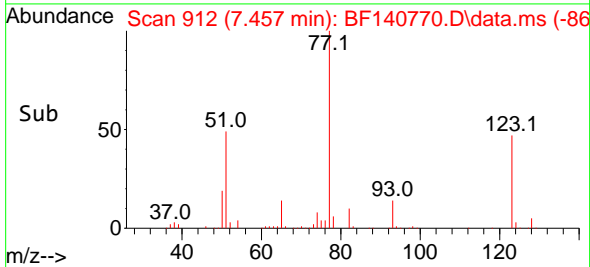
Supervised By :mohammad ahmed 12/10/2024

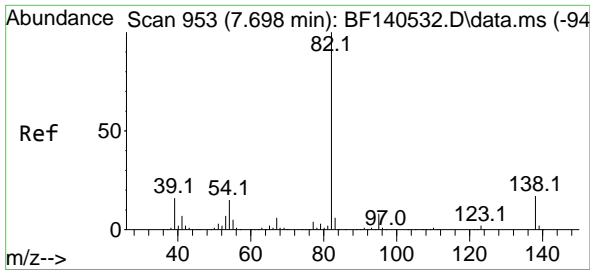


#24
 Nitrobenzene
 Concen: 49.444 ng
 RT: 7.457 min Scan# 912
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion: 77 Resp: 258945
 Ion Ratio Lower Upper
 77 100
 123 44.7 34.3 51.5
 65 13.3 11.2 16.8





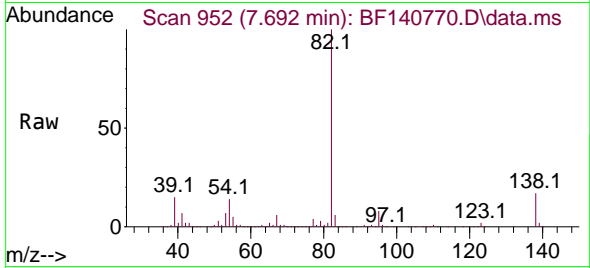
#25
 Isophorone
 Concen: 55.633 ng
 RT: 7.692 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

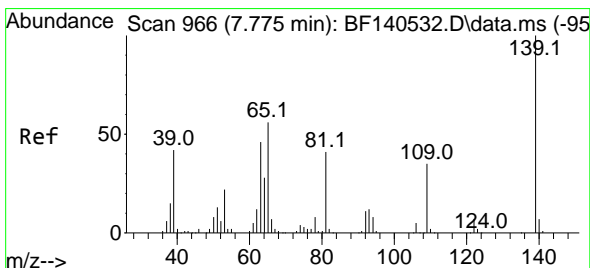
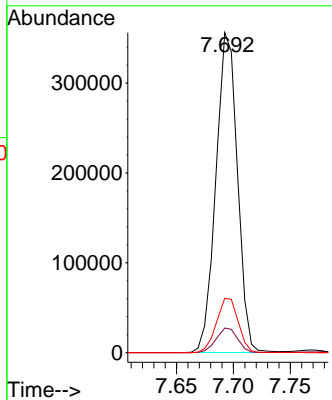
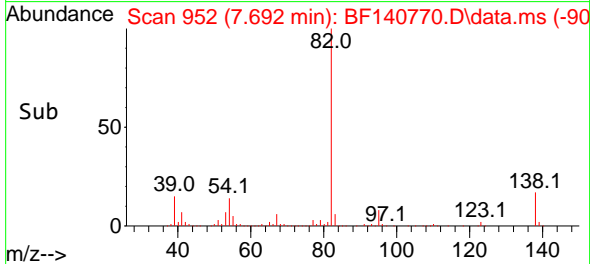


Tgt Ion: 82 Resp: 47020
 Ion Ratio Lower Upper
 82 100
 95 7.7 6.4 9.6
 138 17.0 13.8 20.6

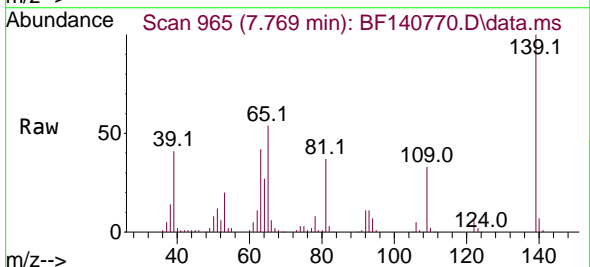
Manual Integrations

APPROVED

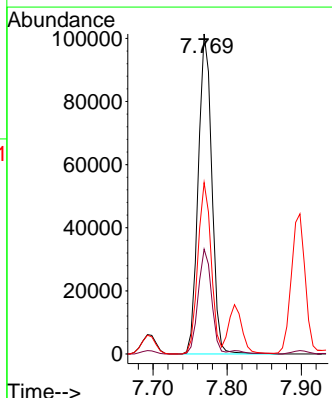
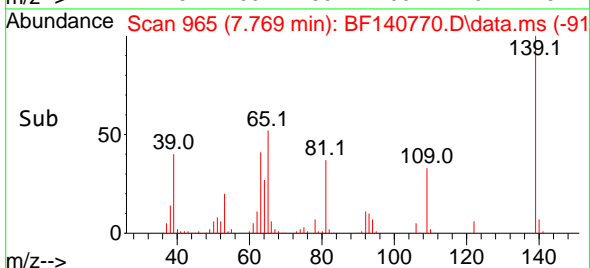
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

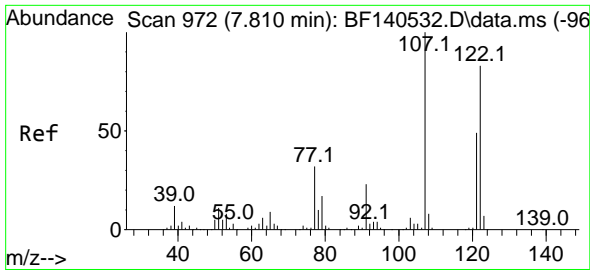


#26
 2-Nitrophenol
 Concen: 55.568 ng
 RT: 7.769 min Scan# 965
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:139 Resp: 128967
 Ion Ratio Lower Upper
 139 100
 109 32.7 28.0 42.0
 65 53.6 44.6 67.0





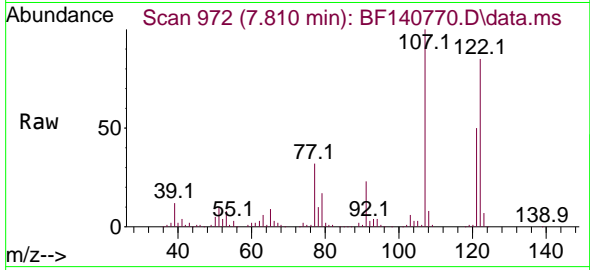
#27
 2,4-Dimethylphenol
 Concen: 70.262 ng m
 RT: 7.810 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



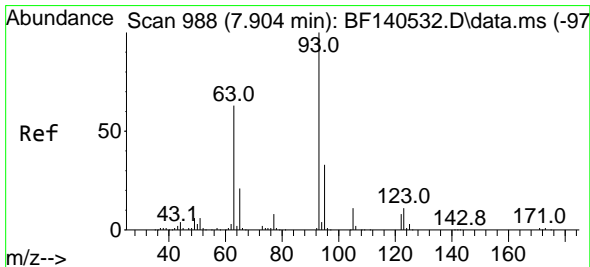
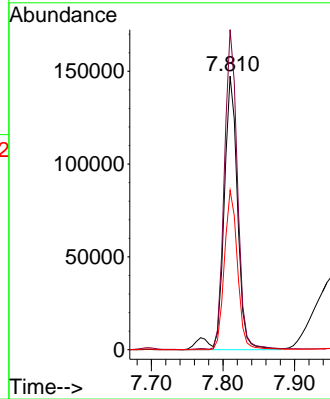
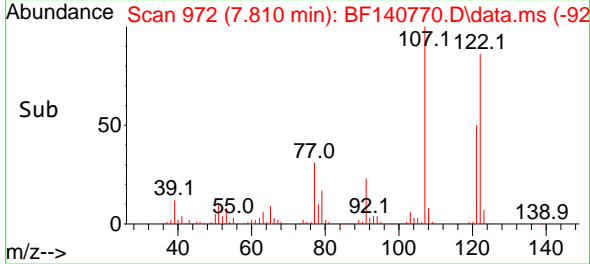
Tgt Ion:122 Resp: 195110
 Ion Ratio Lower Upper
 122 100
 107 117.0 96.8 145.2
 121 58.3 47.4 71.0

Manual Integrations

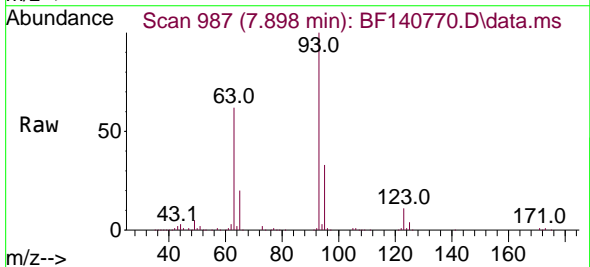
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

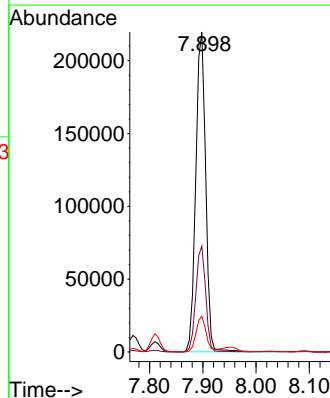
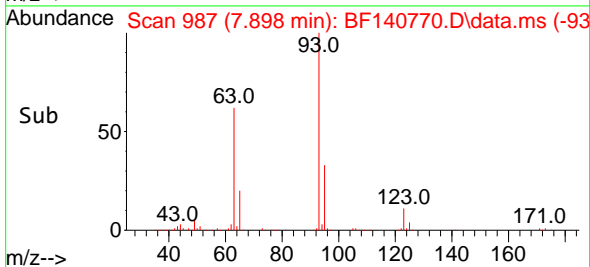
Supervised By :mohammad ahmed 12/10/2024

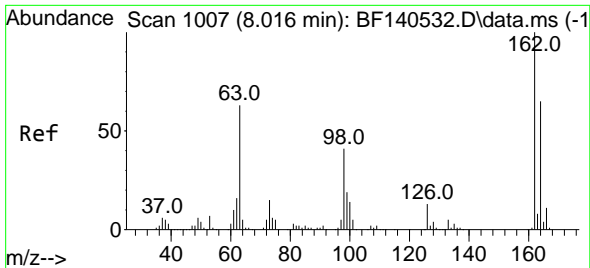


#28
 bis(2-Chloroethoxy)methane
 Concen: 55.178 ng
 RT: 7.898 min Scan# 987
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



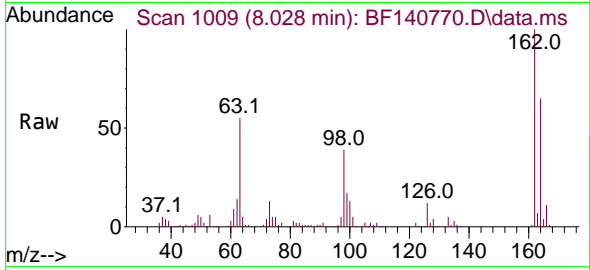
Tgt Ion: 93 Resp: 284105
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.1 39.1
 123 11.2 9.1 13.7





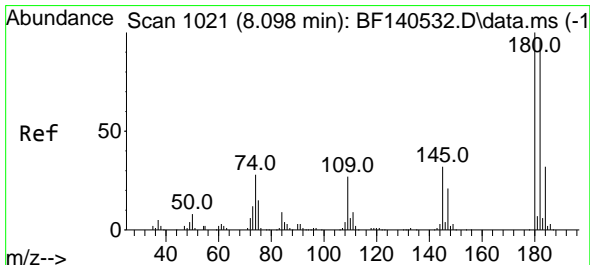
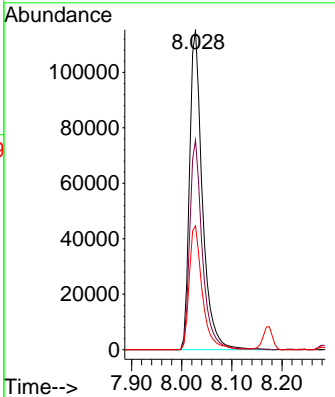
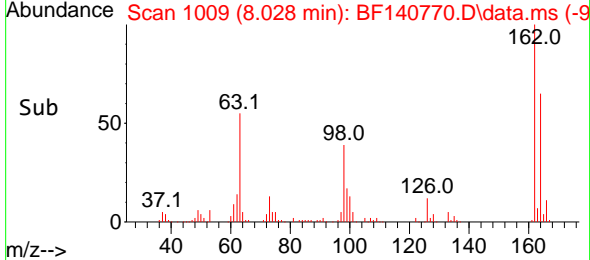
#29
 2,4-Dichlorophenol
 Concen: 55.533 ng
 RT: 8.028 min Scan# 1009
 Delta R.T. 0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument : BNA_F
 ClientSampleId : MH-764MSD

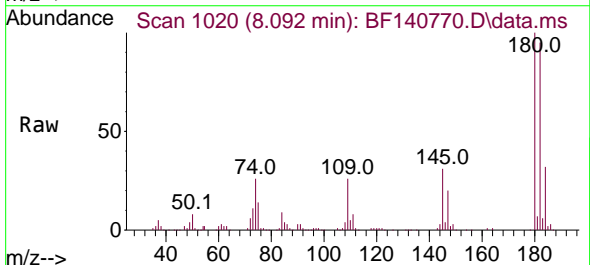


Tgt Ion:162 Resp: 20433
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.8 84.8
 98 38.7 21.2 61.2

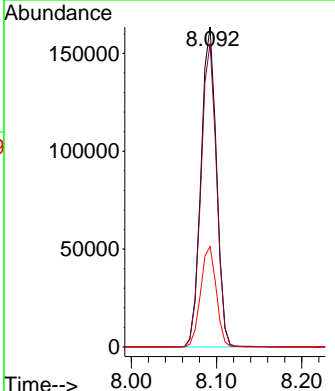
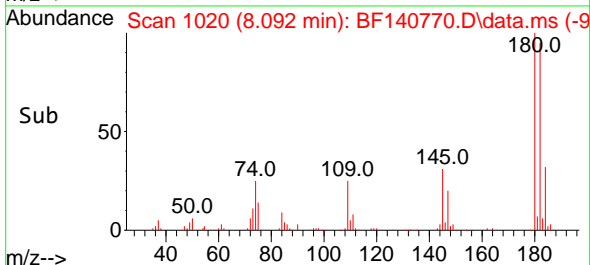
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

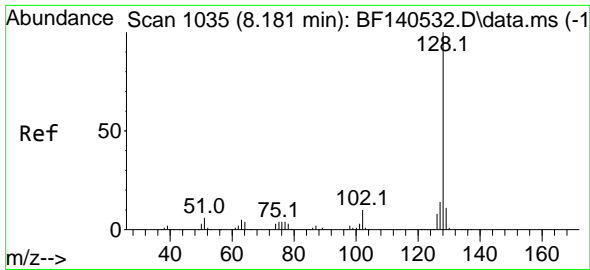


#30
 1,2,4-Trichlorobenzene
 Concen: 49.181 ng
 RT: 8.092 min Scan# 1020
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:180 Resp: 206621
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.4 114.6
 145 31.4 25.9 38.9





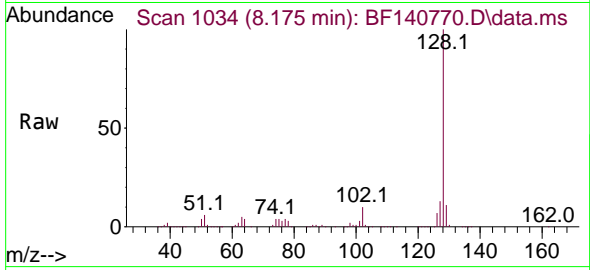
#31
 Naphthalene
 Concen: 51.738 ng
 RT: 8.175 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD



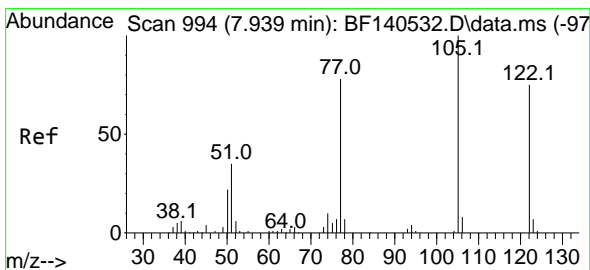
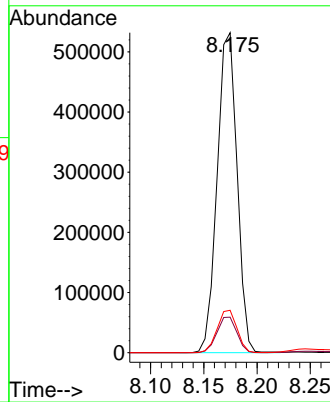
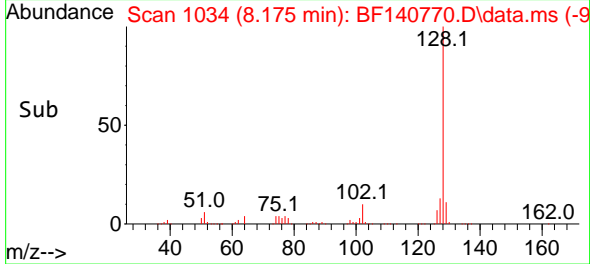
Tgt Ion:128 Resp: 69073
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 13.2 10.8 16.2

Manual Integrations

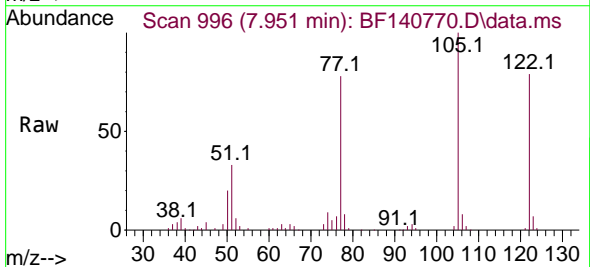
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

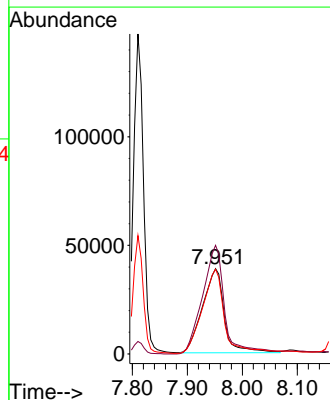
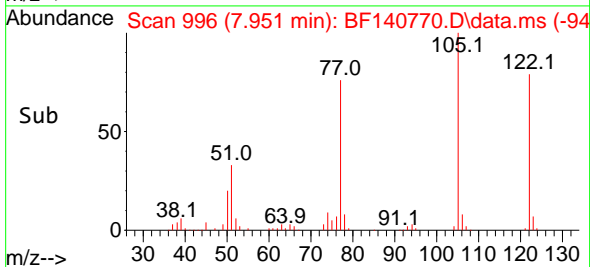
Supervised By :mohammad ahmed 12/10/2024

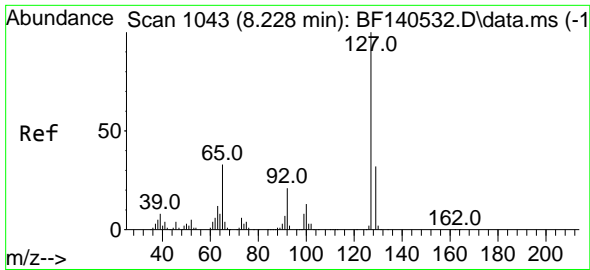


#32
 Benzoic acid
 Concen: 44.826 ng
 RT: 7.951 min Scan# 996
 Delta R.T. 0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



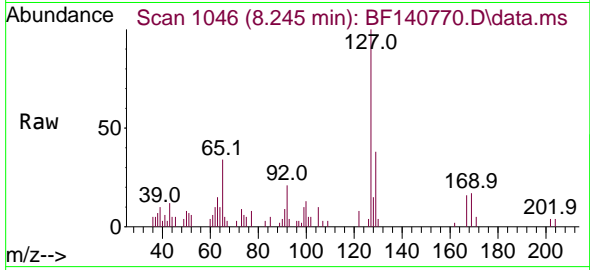
Tgt Ion:122 Resp: 106970
 Ion Ratio Lower Upper
 122 100
 105 127.3 109.3 149.3
 77 99.3 82.3 122.3





#33
 4-Chloroaniline
 Concen: 7.014 ng
 RT: 8.245 min Scan# 1046
 Delta R.T. 0.018 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument : BNA_F
 Client Sample Id : MH-764MSD

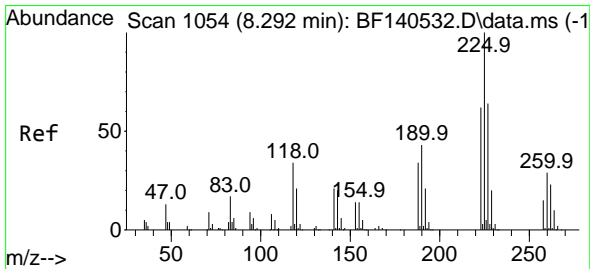
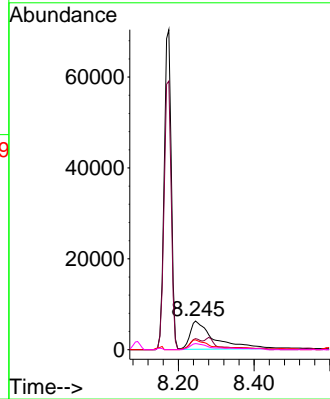
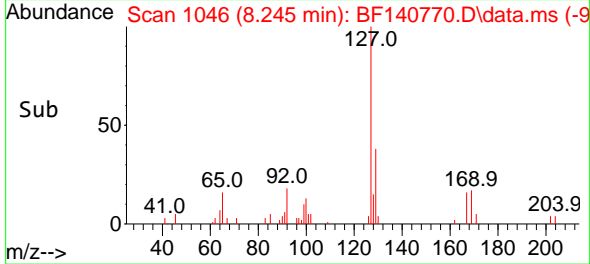


Tgt Ion: 127 Resp: 2803

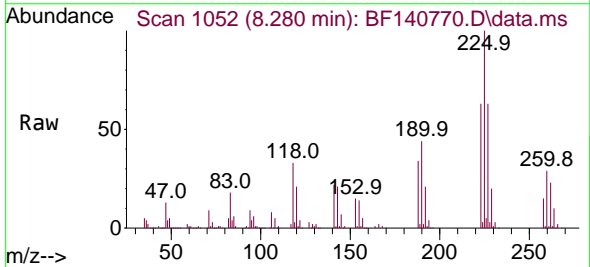
Ion	Ratio	Lower	Upper
127	100		
129	38.3	26.0	39.0
65	33.9	26.0	39.0
92	20.9	16.7	25.1

Manual Integrations
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Reviewed By : Yogesh Patel 12/10/2024
 Supervised By : mohammad ahmed 12/10/2024

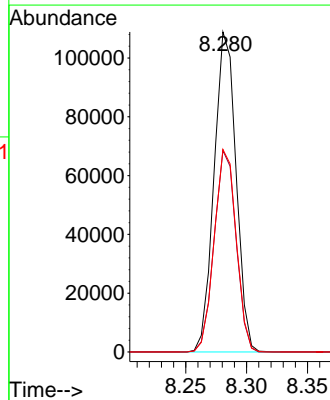
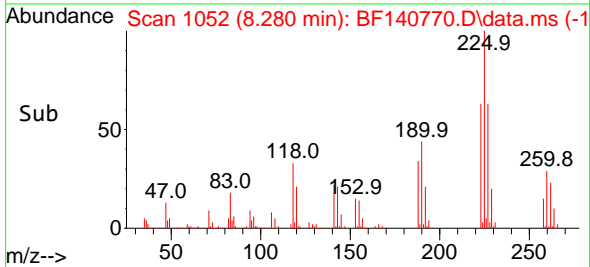


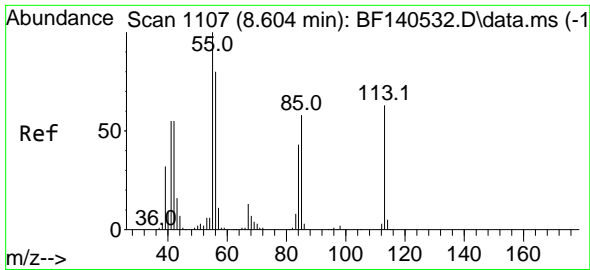
#34
 Hexachlorobutadiene
 Concen: 49.052 ng
 RT: 8.280 min Scan# 1052
 Delta R.T. -0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion: 225 Resp: 136498

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.8	74.8
227	63.3	51.3	76.9





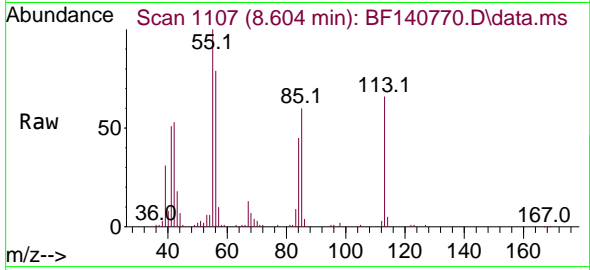
#35
 Caprolactam
 Concen: 43.542 ng m
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



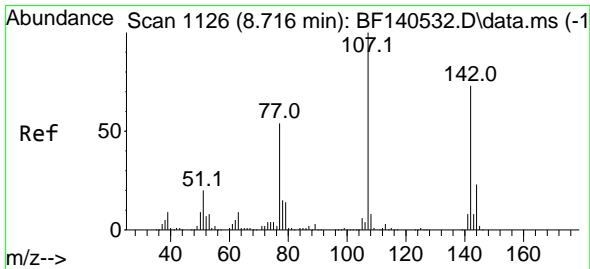
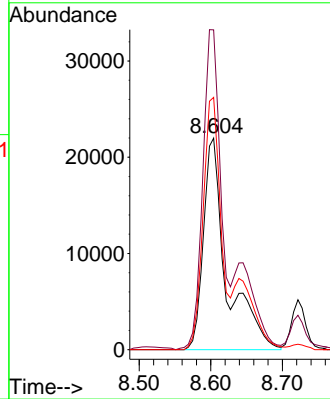
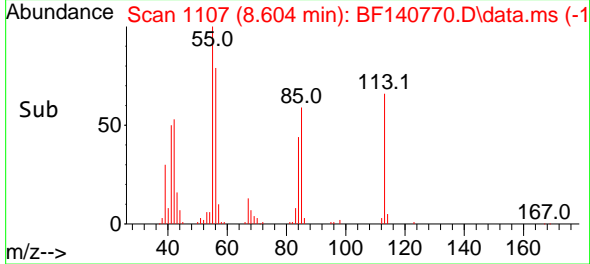
Tgt Ion:113 Resp: 4958
 Ion Ratio Lower Upper
 113 100
 55 151.2 137.7 177.7
 56 119.3 106.4 146.4

Manual Integrations

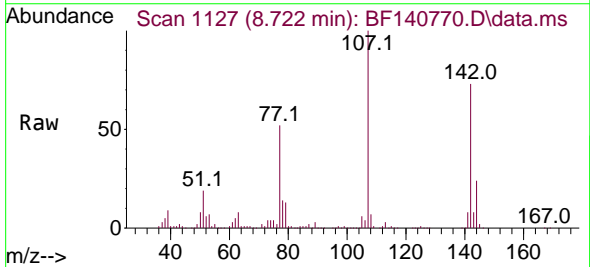
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

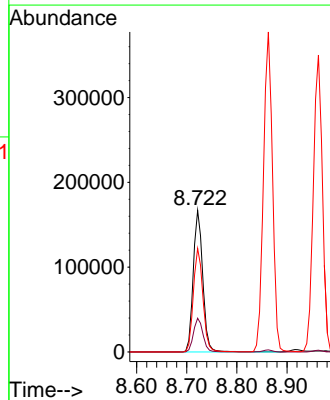
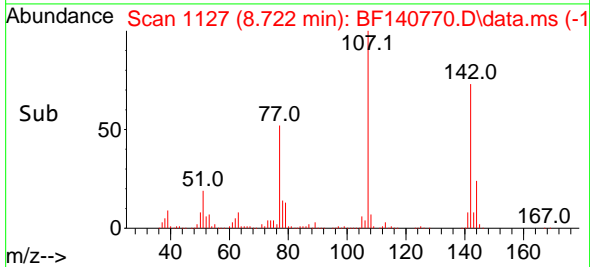
Supervised By :mohammad ahmed 12/10/2024

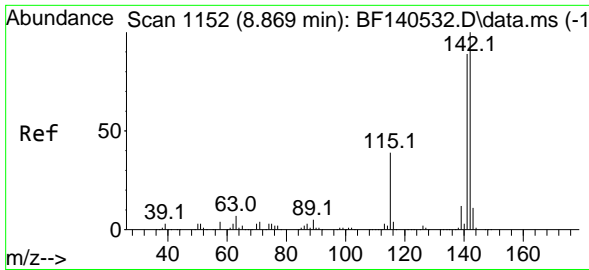


#36
 4-Chloro-3-methylphenol
 Concen: 53.553 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



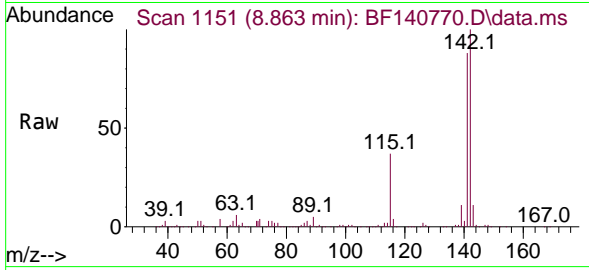
Tgt Ion:107 Resp: 220627
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.7 28.1
 142 73.1 58.3 87.5





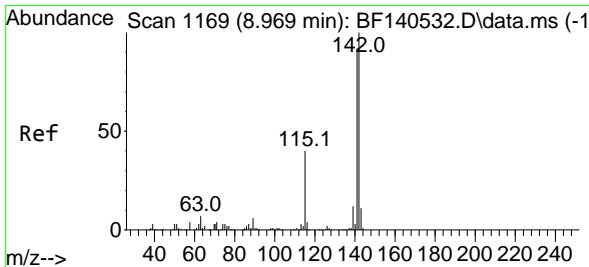
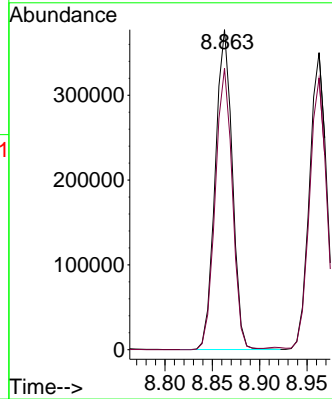
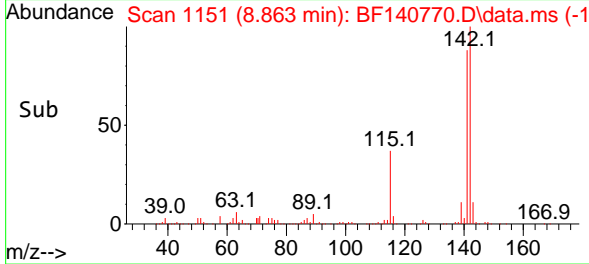
#37
 2-Methylnaphthalene
 Concen: 55.734 ng
 RT: 8.863 min Scan# 1151
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument : BNA_F
 ClientSampleId : MH-764MSD

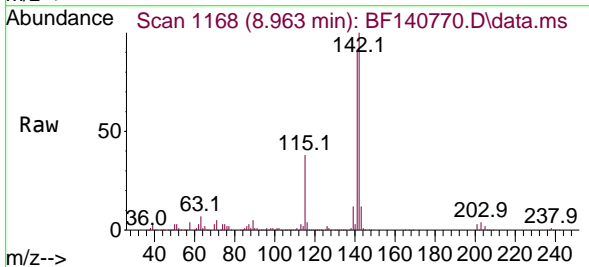


Tgt Ion:142 Resp: 47261
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.0 106.6

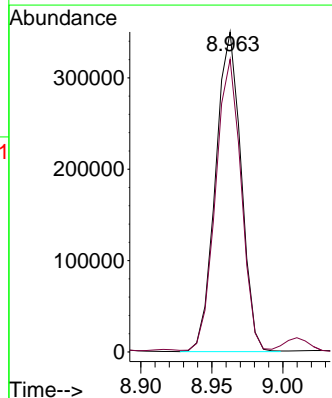
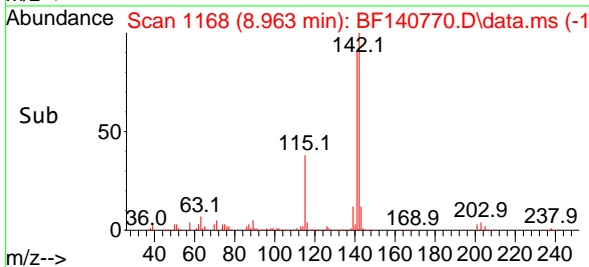
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

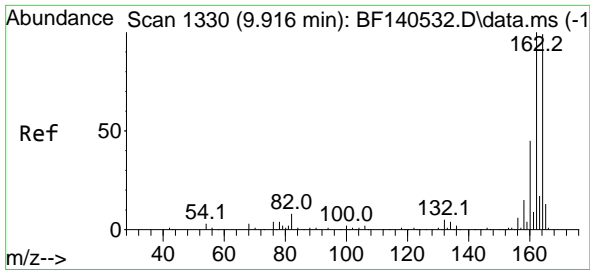


#38
 1-Methylnaphthalene
 Concen: 52.610 ng
 RT: 8.963 min Scan# 1168
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:142 Resp: 437287
 Ion Ratio Lower Upper
 142 100
 141 91.4 73.3 109.9





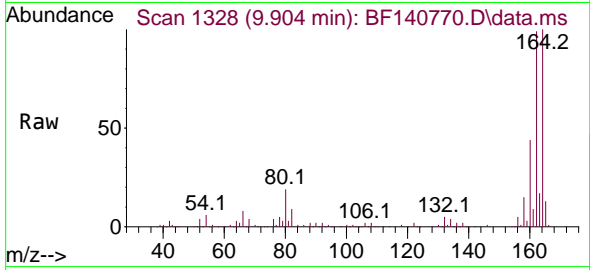
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1117
 Delta R.T. -0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD



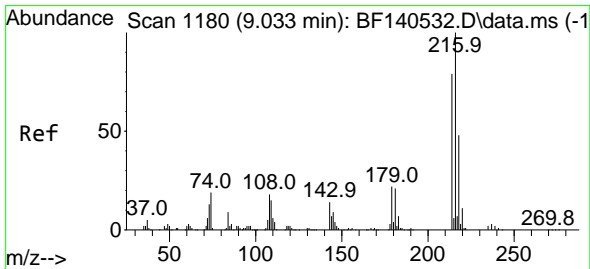
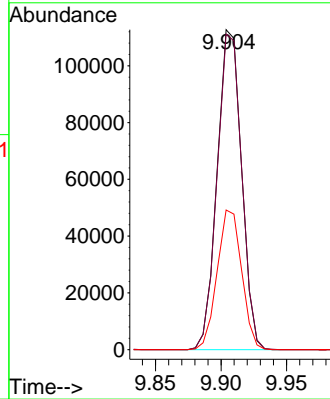
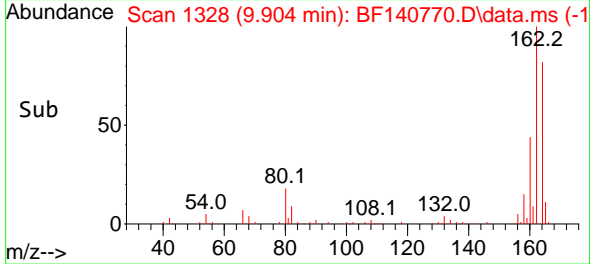
Tgt Ion:164 Resp: 14573
 Ion Ratio Lower Upper
 164 100
 162 98.6 80.6 120.8
 160 43.6 36.2 54.4

Manual Integrations

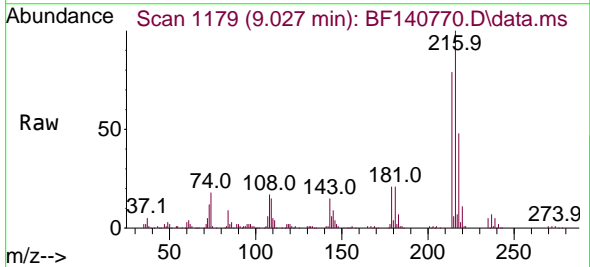
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

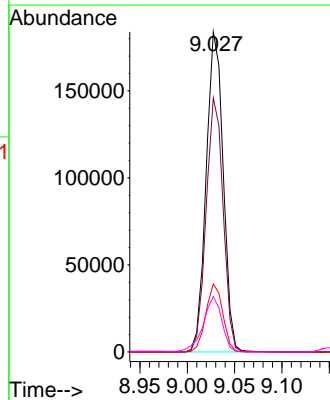
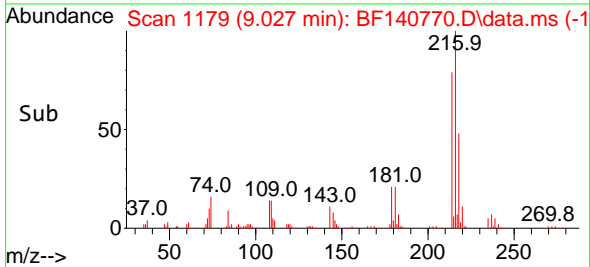
Supervised By :mohammad ahmed 12/10/2024

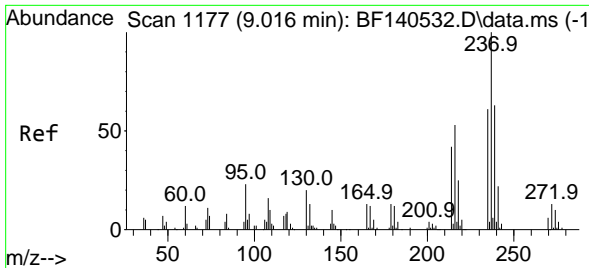


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.903 ng
 RT: 9.027 min Scan# 1179
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:216 Resp: 229975
 Ion Ratio Lower Upper
 216 100
 214 79.3 63.0 94.4
 179 21.2 17.5 26.3
 108 19.0 14.7 22.1





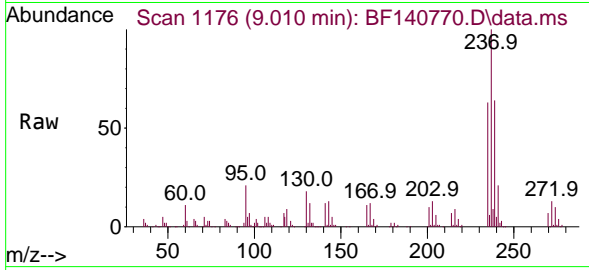
#41
 Hexachlorocyclopentadiene
 Concen: 154.662 ng
 RT: 9.010 min Scan# 1177
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD



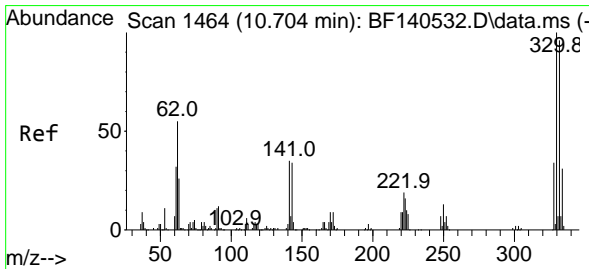
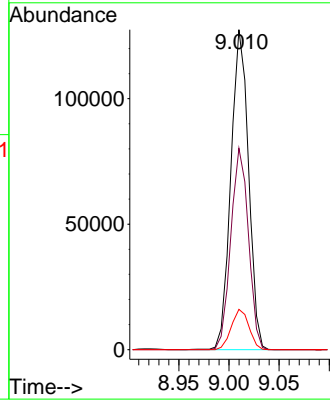
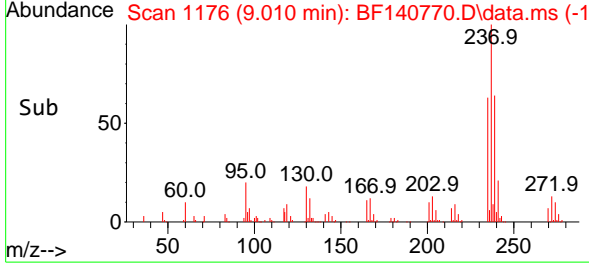
Tgt Ion: 237 Resp: 15550
 Ion Ratio Lower Upper
 237 100
 235 62.9 41.1 81.1
 272 12.6 0.0 32.6

Manual Integrations

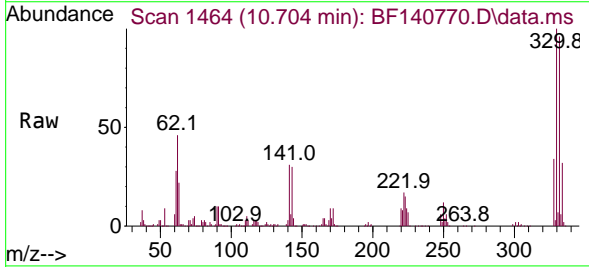
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

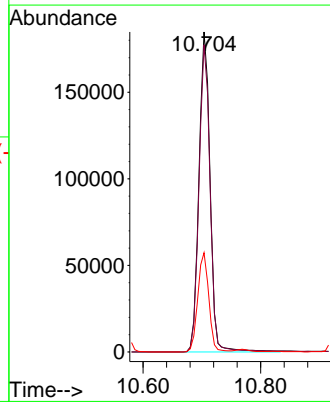
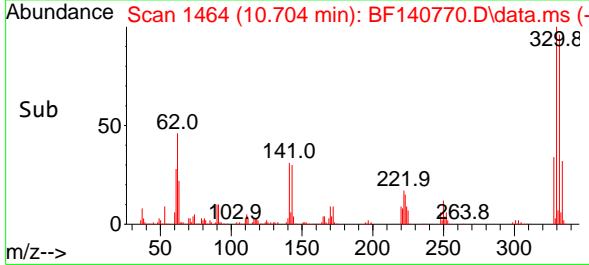
Supervised By :mohammad ahmed 12/10/2024

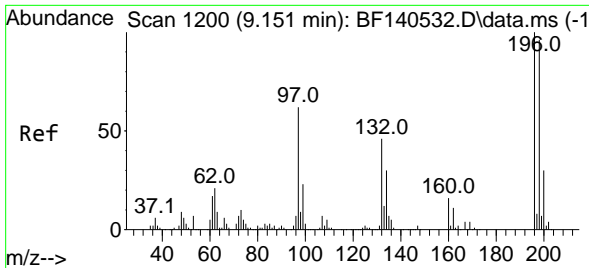


#42
 2,4,6-Tribromophenol
 Concen: 155.986 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion: 330 Resp: 243130
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 30.7 26.7 40.1





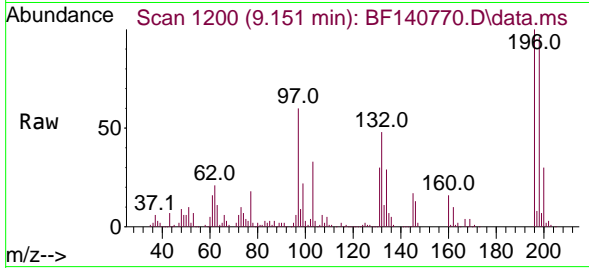
#43
 2,4,6-Trichlorophenol
 Concen: 54.968 ng
 RT: 9.151 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

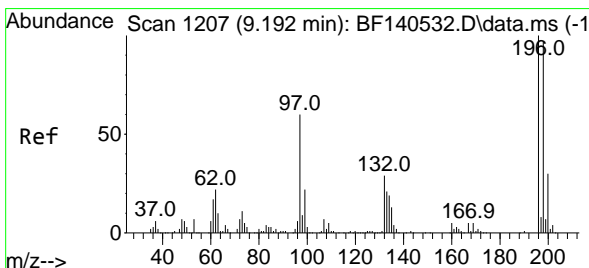
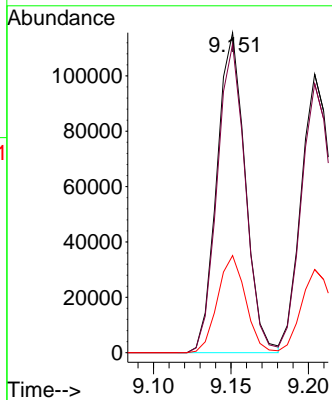
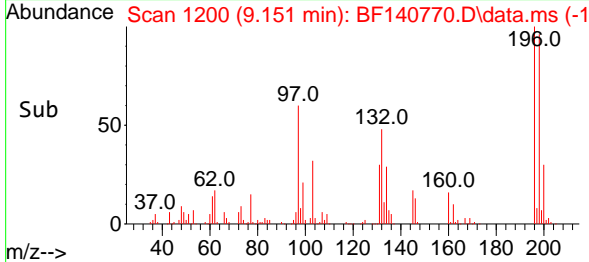
MH-764MSD



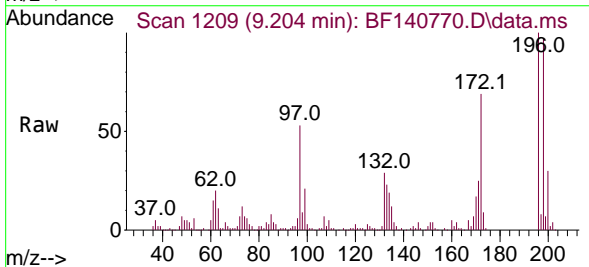
Tgt Ion:196 Resp: 14715
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.8 115.2
 200 30.3 24.3 36.5

Manual Integrations
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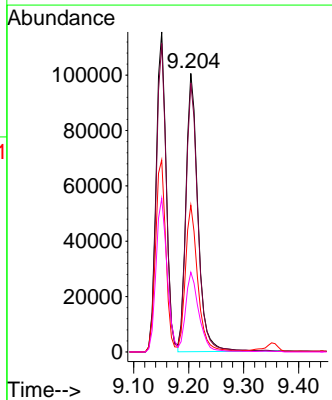
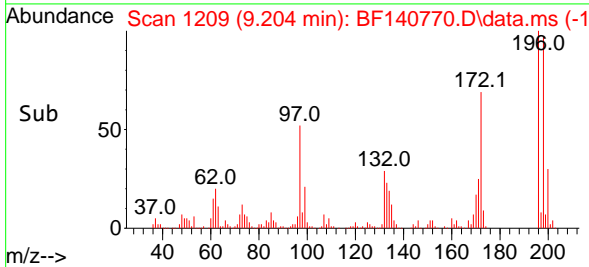
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

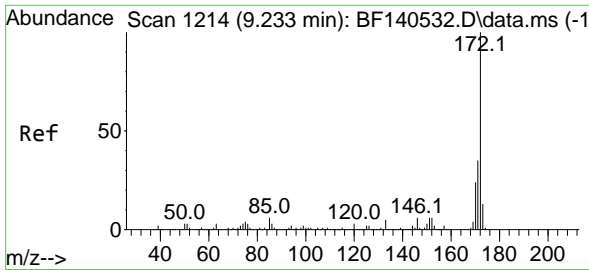


#44
 2,4,5-Trichlorophenol
 Concen: 52.563 ng
 RT: 9.204 min Scan# 1209
 Delta R.T. 0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:196 Resp: 152722
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.2 115.8
 97 52.6 47.1 70.7
 132 28.6 24.1 36.1





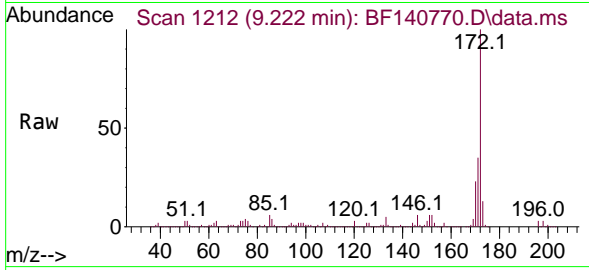
#45
 2-Fluorobiphenyl
 Concen: 111.557 ng
 RT: 9.222 min Scan# 111
 Delta R.T. -0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



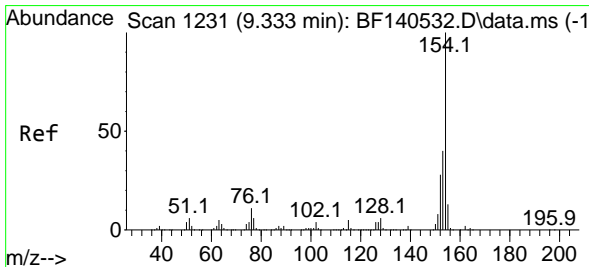
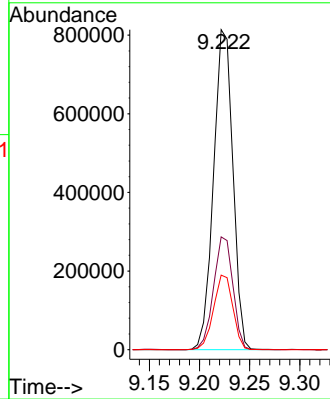
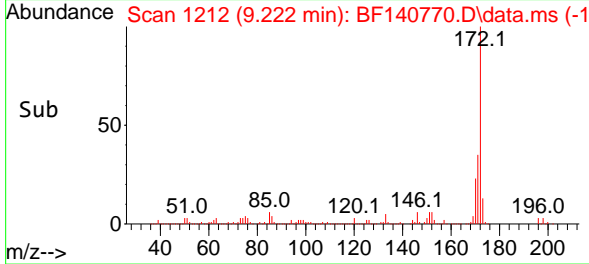
Tgt Ion:172 Resp: 1091179
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.4 42.6
 170 23.3 19.0 28.6

Manual Integrations

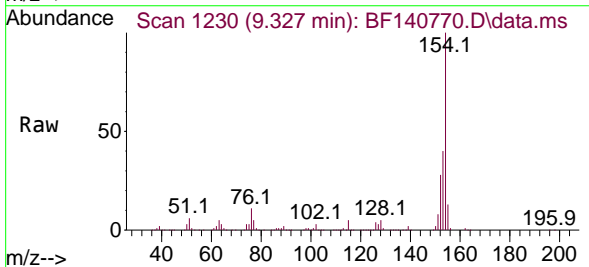
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

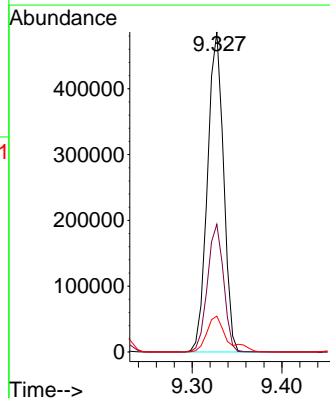
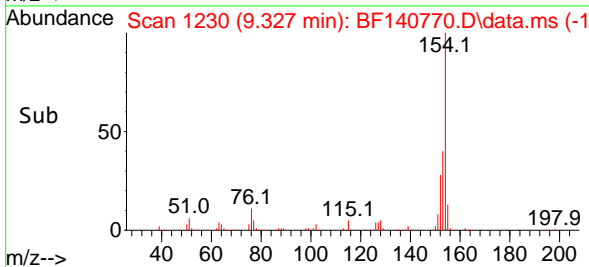
Supervised By :mohammad ahmed 12/10/2024

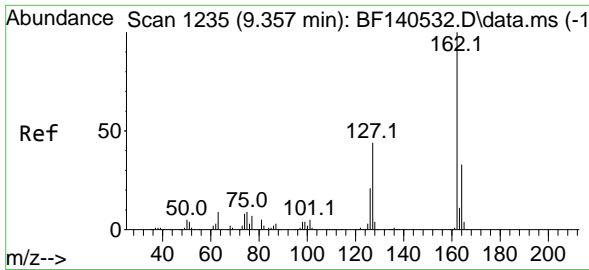


#46
 1,1'-Biphenyl
 Concen: 55.508 ng
 RT: 9.327 min Scan# 1230
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:154 Resp: 603971
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.4 60.4
 76 11.2 0.0 31.2





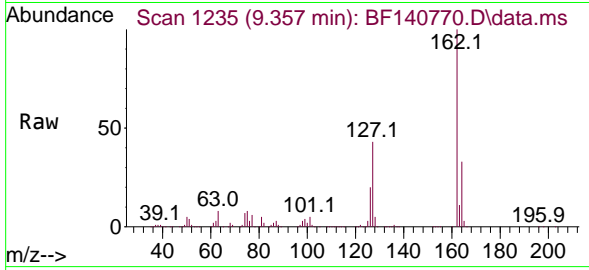
#47
 2-Chloronaphthalene
 Concen: 53.145 ng
 RT: 9.357 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD



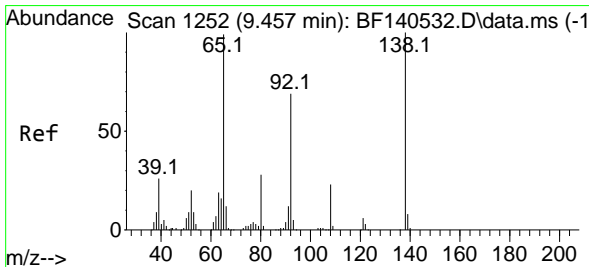
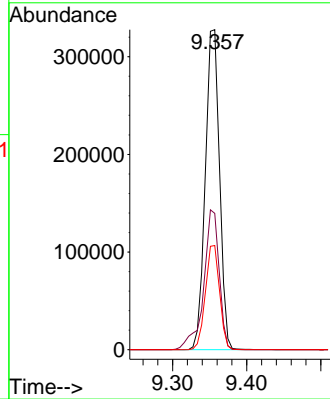
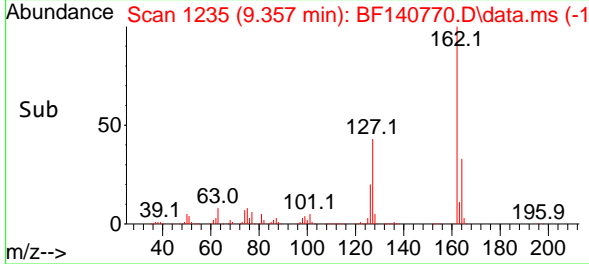
Tgt Ion:162 Resp: 43816
 Ion Ratio Lower Upper
 162 100
 127 42.6 35.7 53.5
 164 32.6 26.1 39.1

Manual Integrations

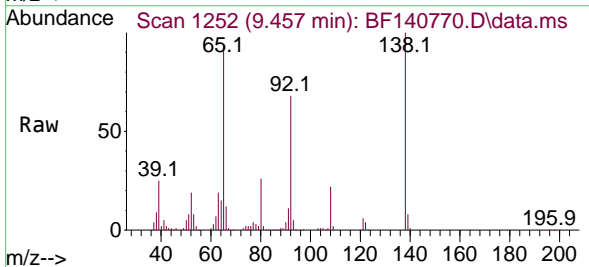
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

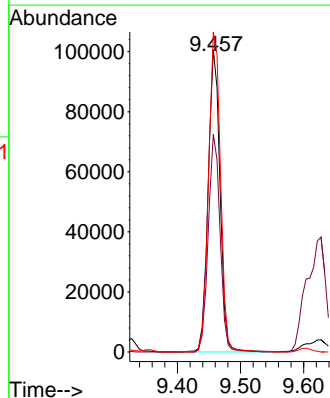
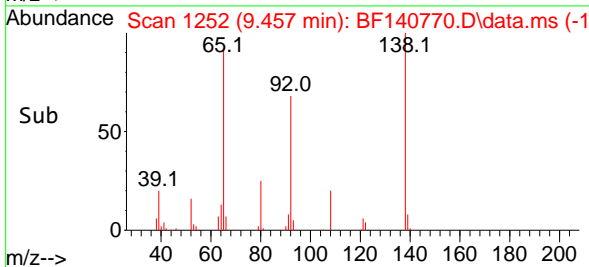
Supervised By :mohammad ahmed 12/10/2024

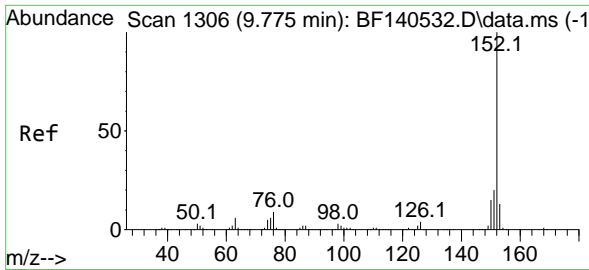


#48
 2-Nitroaniline
 Concen: 49.575 ng
 RT: 9.457 min Scan# 1252
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion: 65 Resp: 131194
 Ion Ratio Lower Upper
 65 100
 92 72.1 56.1 84.1
 138 105.9 81.0 121.6





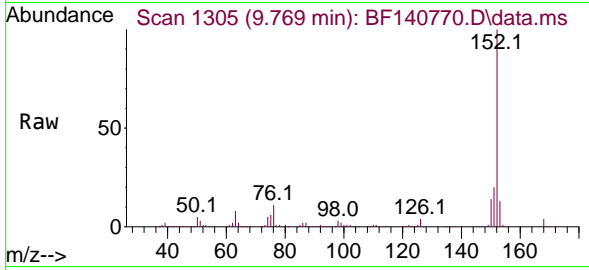
#49
 Acenaphthylene
 Concen: 57.576 ng
 RT: 9.769 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



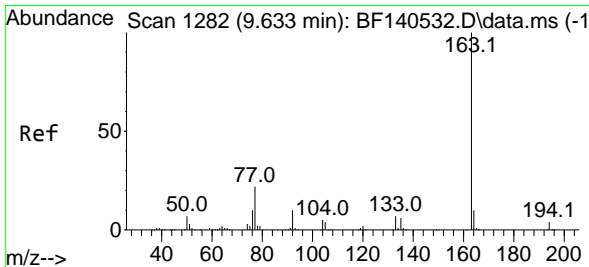
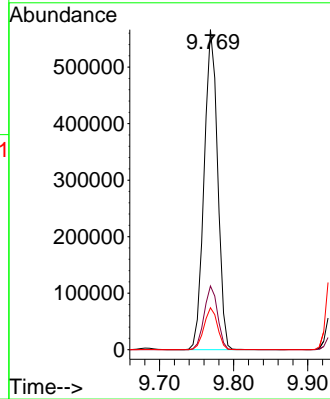
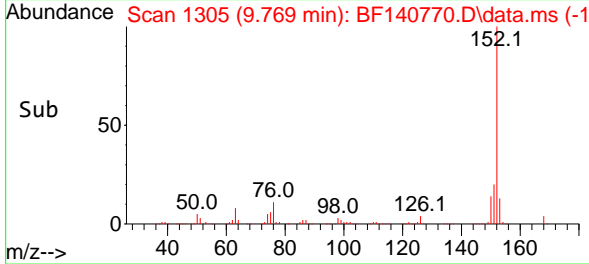
Tgt Ion:152 Resp: 71723
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.9 23.9
 153 13.1 10.6 16.0

Manual Integrations

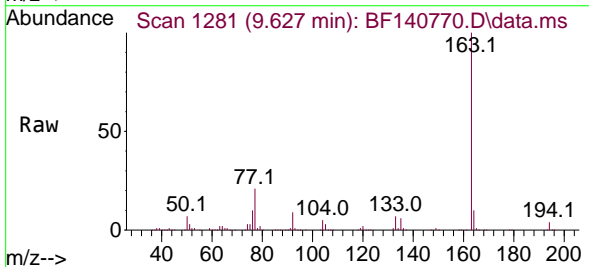
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

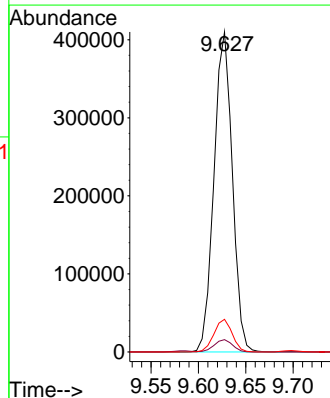
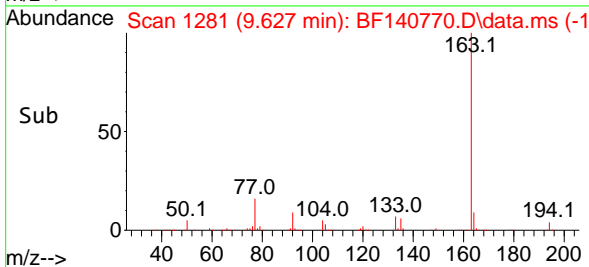
Supervised By :mohammad ahmed 12/10/2024

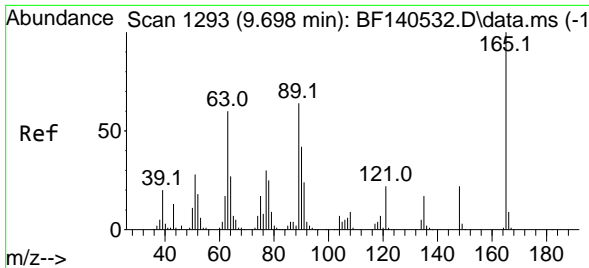


#50
 Dimethylphthalate
 Concen: 57.631 ng
 RT: 9.627 min Scan# 1281
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



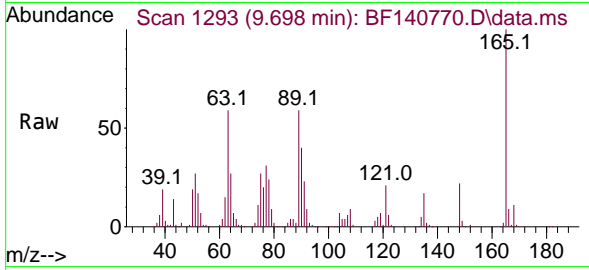
Tgt Ion:163 Resp: 553147
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 10.2 8.2 12.2





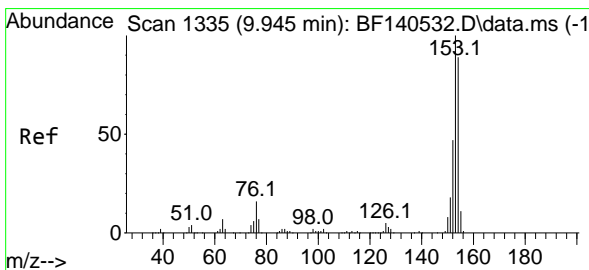
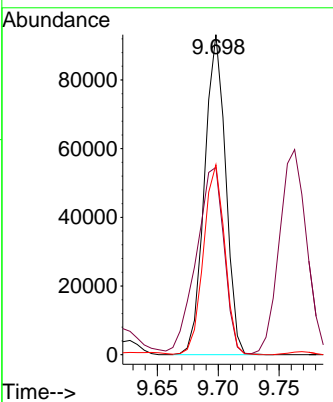
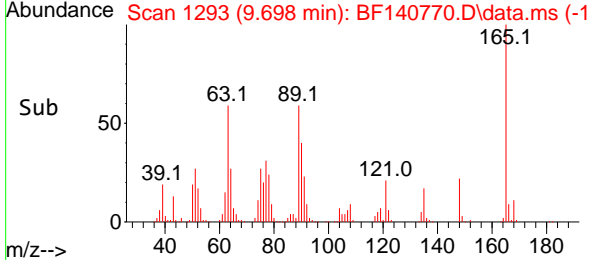
#51
 2,6-Dinitrotoluene
 Concen: 51.711 ng
 RT: 9.698 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument : BNA_F
 Client Sample Id : MH-764MSD

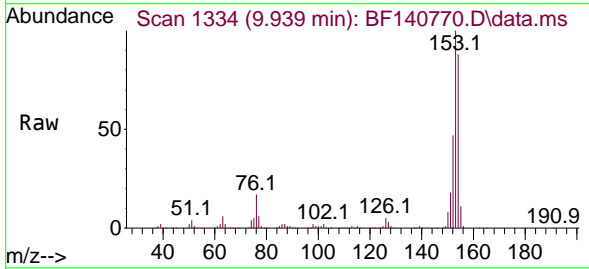


Tgt Ion:165 Resp: 112560
 Ion Ratio Lower Upper
 165 100
 63 58.6 49.9 74.9
 89 59.4 50.9 76.3

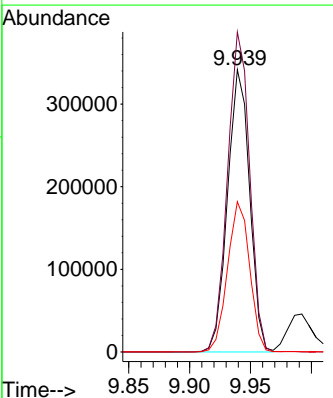
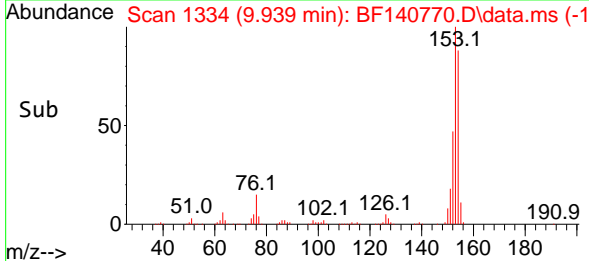
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

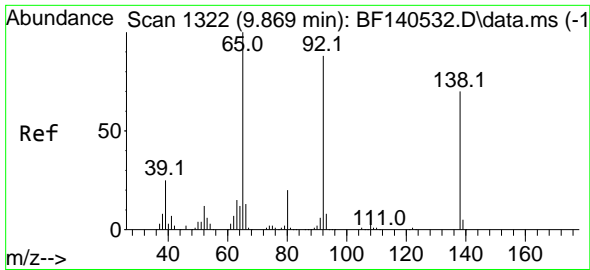


#52
 Acenaphthene
 Concen: 54.597 ng
 RT: 9.939 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



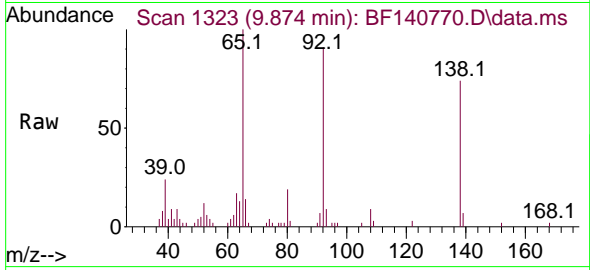
Tgt Ion:154 Resp: 432147
 Ion Ratio Lower Upper
 154 100
 153 113.4 89.7 134.5
 152 53.2 42.5 63.7





#53
 3-Nitroaniline
 Concen: 6.611 ng
 RT: 9.874 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

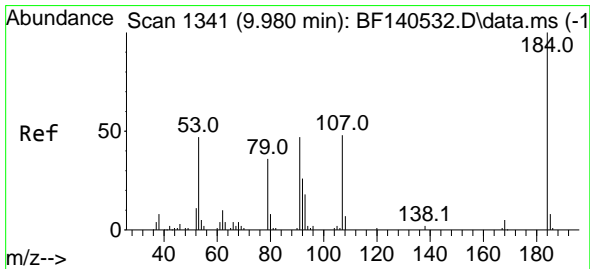
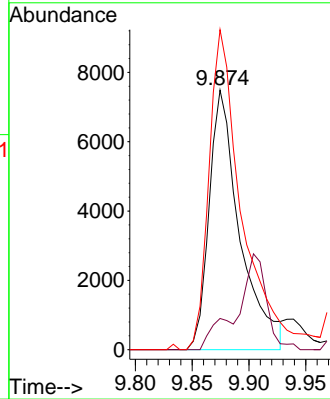
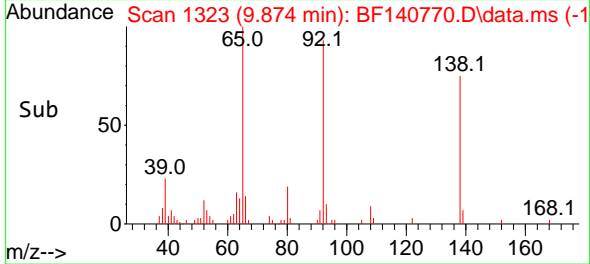
Instrument :
 BNA_F
 ClientSampleId :
 MH-764MSD



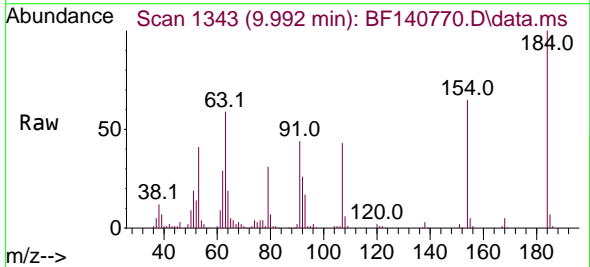
Tgt Ion:138 Resp: 14074
 Ion Ratio Lower Upper
 138 100
 108 12.0 9.2 13.8
 92 123.3 100.6 150.8

Manual Integrations
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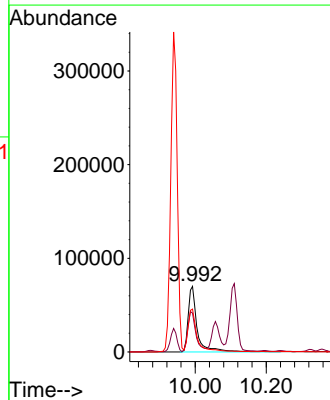
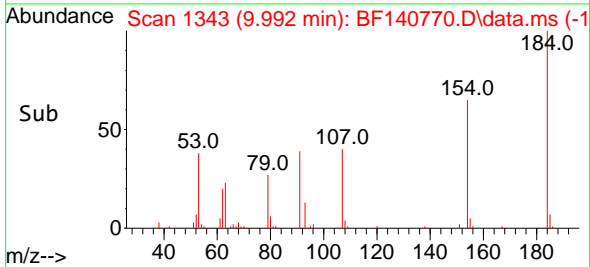
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

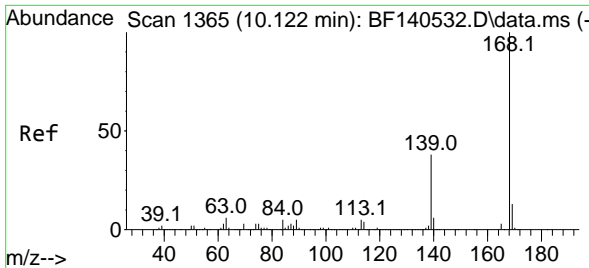


#54
 2,4-Dinitrophenol
 Concen: 106.821 ng
 RT: 9.992 min Scan# 1343
 Delta R.T. 0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:184 Resp: 123706
 Ion Ratio Lower Upper
 184 100
 63 59.2 54.1 81.1
 154 65.4 57.4 86.0





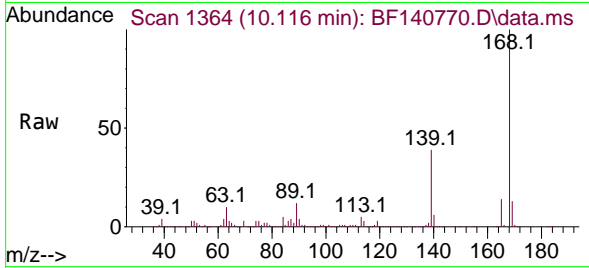
#55
 Dibenzofuran
 Concen: 53.551 ng
 RT: 10.116 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client SampleId :

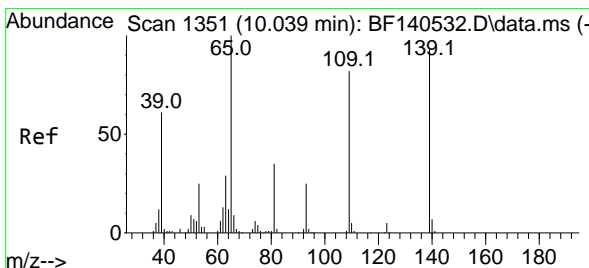
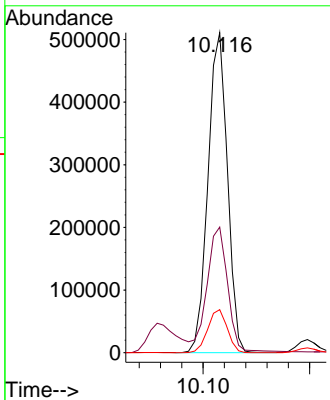
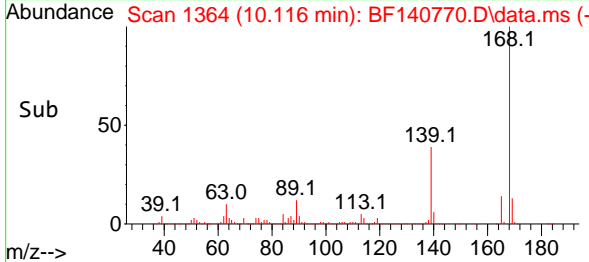
MH-764MSD



Tgt Ion:168 Resp: 64652
 Ion Ratio Lower Upper
 168 100
 139 39.3 31.3 46.9
 169 13.4 10.5 15.7

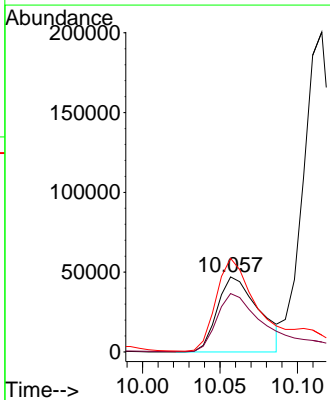
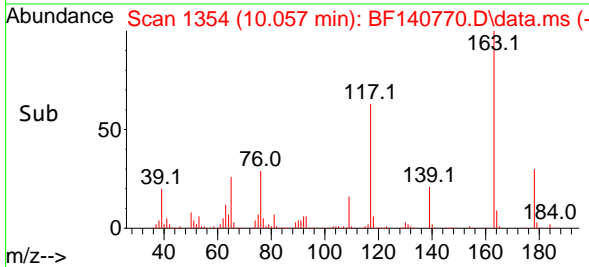
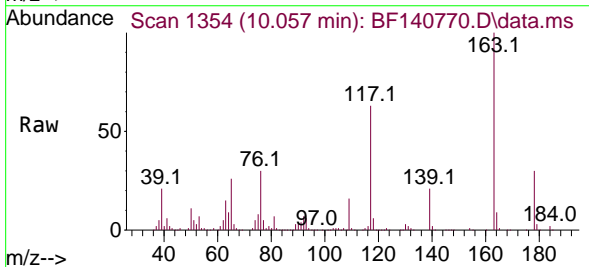
Manual Integrations
 APPROVED

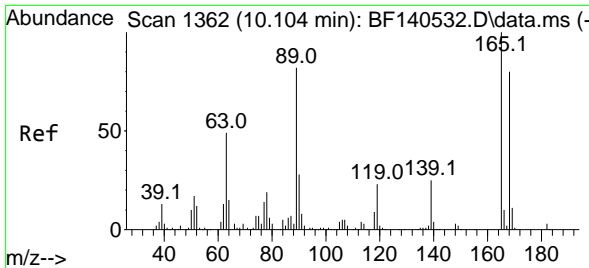
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024



#56
 4-Nitrophenol
 Concen: 60.496 ng
 RT: 10.057 min Scan# 1354
 Delta R.T. 0.018 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

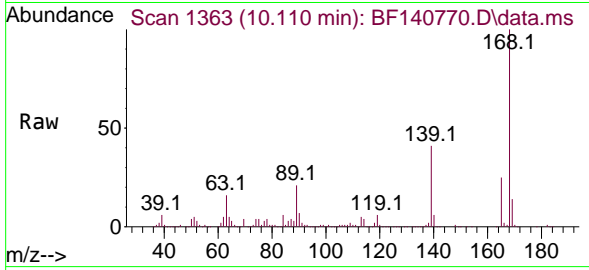
Tgt Ion:139 Resp: 87839
 Ion Ratio Lower Upper
 139 100
 109 77.8 68.4 108.4
 65 124.6 88.6 128.6





#57
 2,4-Dinitrotoluene
 Concen: 51.465 ng
 RT: 10.110 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

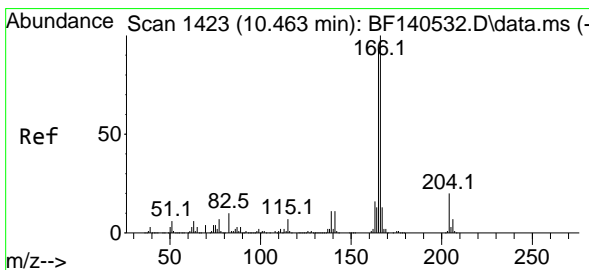
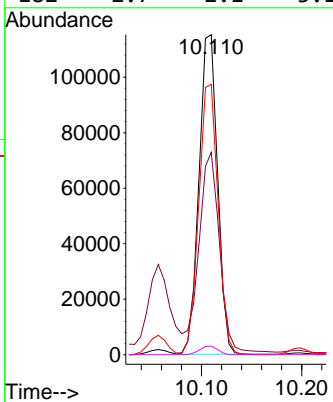
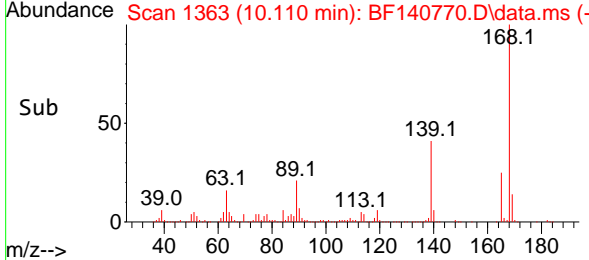
Instrument : BNA_F
 Client Sample Id : MH-764MSD



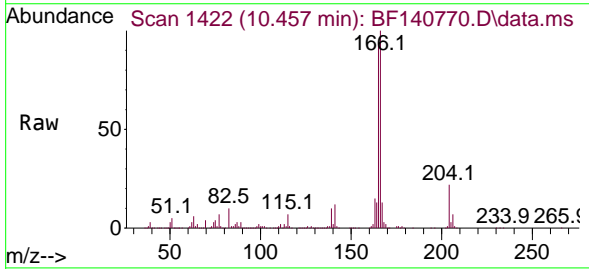
Tgt Ion: 165 Resp: 148890
 Ion Ratio Lower Upper
 165 100
 63 63.2 41.7 62.5
 89 84.5 65.8 98.8
 182 2.7 2.1 3.1

Manual Integrations
APPROVED

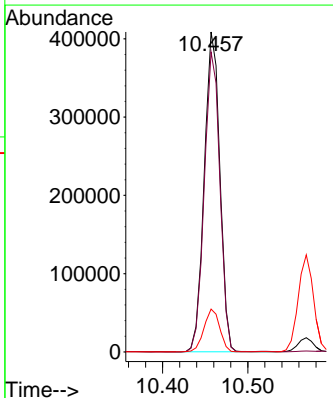
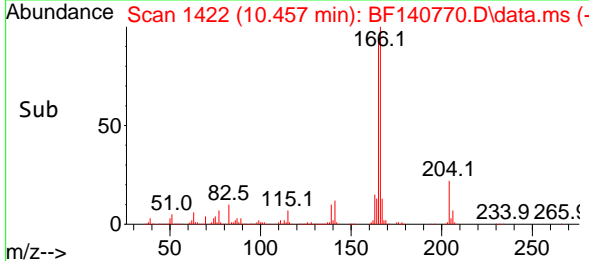
Reviewed By : Yogesh Patel 12/10/2024
 Supervised By : mohammad ahmed 12/10/2024

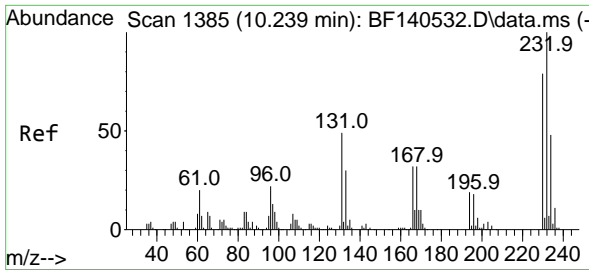


#58
 Fluorene
 Concen: 53.686 ng
 RT: 10.457 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion: 166 Resp: 520262
 Ion Ratio Lower Upper
 166 100
 165 93.8 74.6 111.8
 167 13.4 10.6 16.0





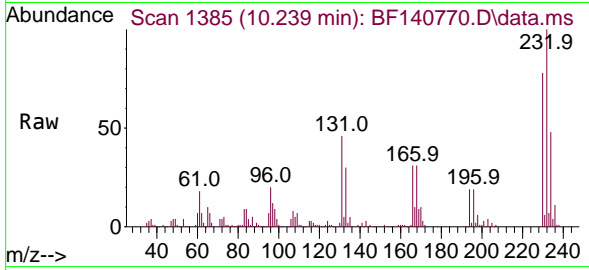
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.874 ng
 RT: 10.239 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



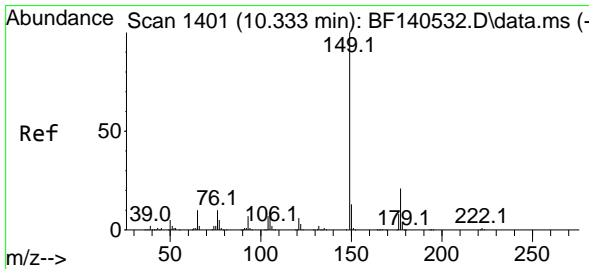
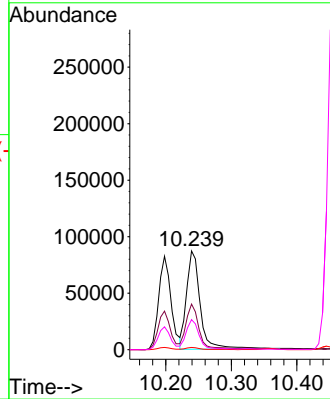
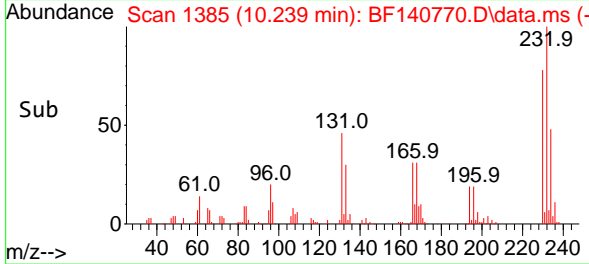
Tgt Ion: 232 Resp: 124764
 Ion Ratio Lower Upper
 232 100
 131 43.0 39.6 59.4
 130 1.9 1.9 2.9
 166 28.3 25.3 37.9

Manual Integrations

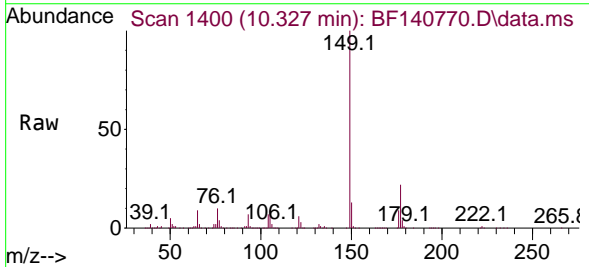
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

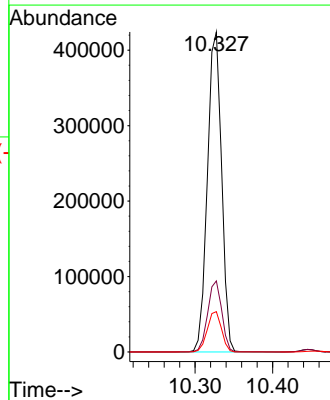
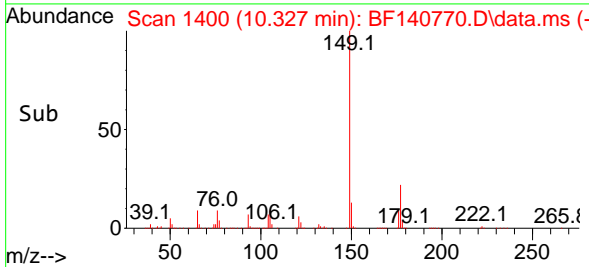
Supervised By :mohammad ahmed 12/10/2024

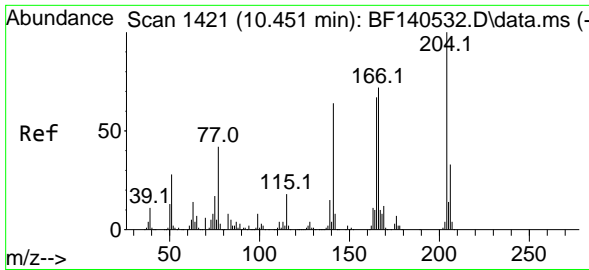


#60
 Diethylphthalate
 Concen: 55.182 ng
 RT: 10.327 min Scan# 1400
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion: 149 Resp: 538131
 Ion Ratio Lower Upper
 149 100
 177 22.2 17.1 25.7
 150 12.6 10.1 15.1





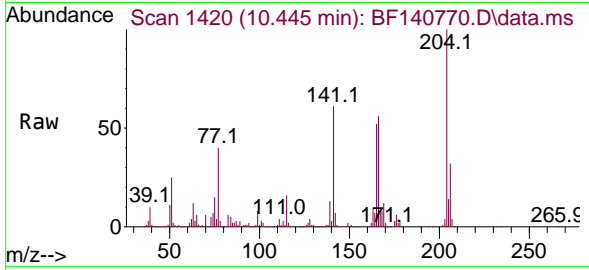
#61
 4-Chlorophenyl-phenylether
 Concen: 55.478 ng
 RT: 10.445 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



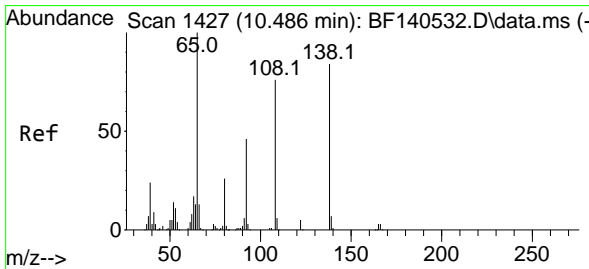
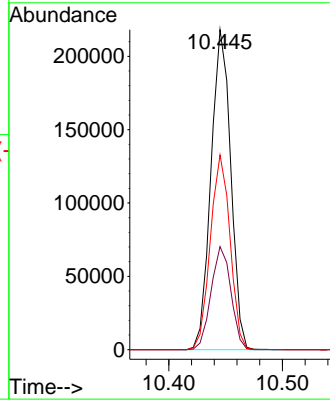
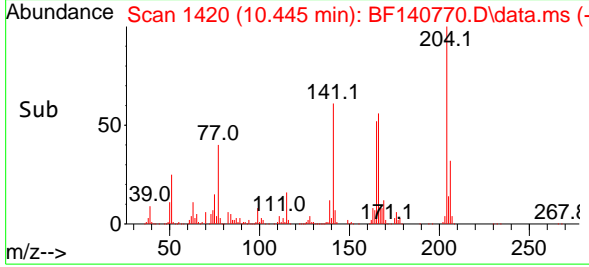
Tgt Ion:204 Resp: 26384
 Ion Ratio Lower Upper
 204 100
 206 32.2 26.6 40.0
 141 60.8 51.1 76.7

Manual Integrations

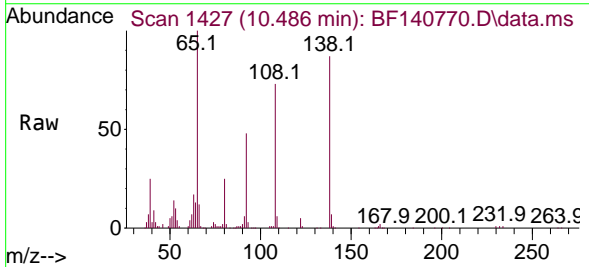
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

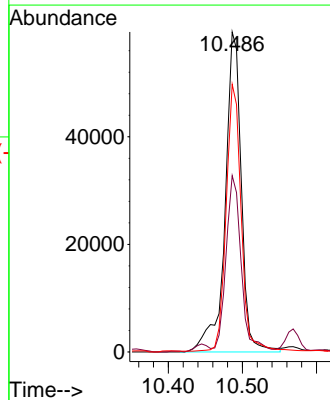
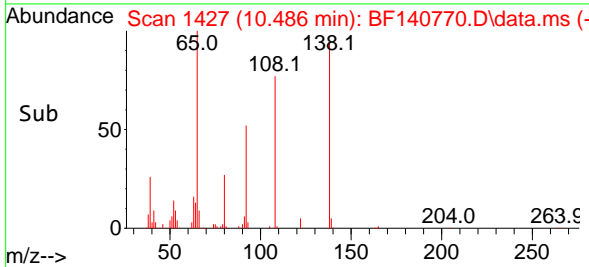
Supervised By :mohammad ahmed 12/10/2024

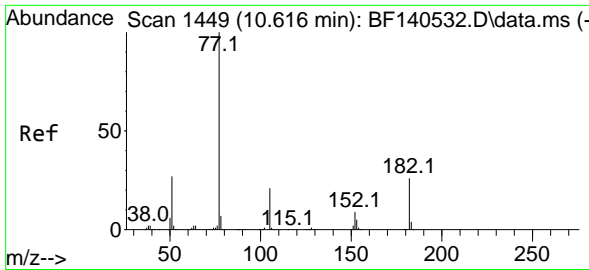


#62
 4-Nitroaniline
 Concen: 40.622 ng
 RT: 10.486 min Scan# 1427
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:138 Resp: 90706
 Ion Ratio Lower Upper
 138 100
 92 55.1 34.5 74.5
 108 83.6 70.6 110.6





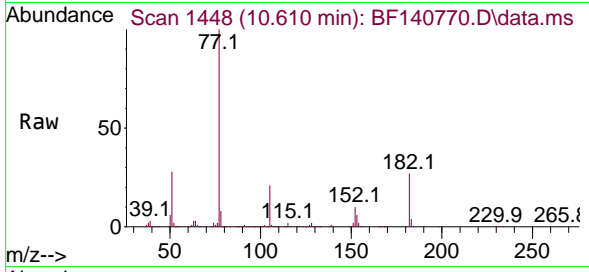
#63
 Azobenzene
 Concen: 54.033 ng
 RT: 10.610 min Scan# 1449
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



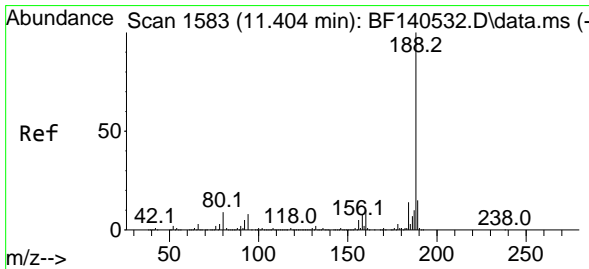
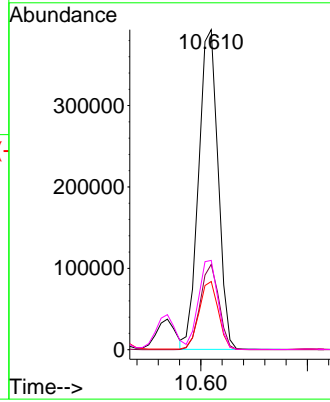
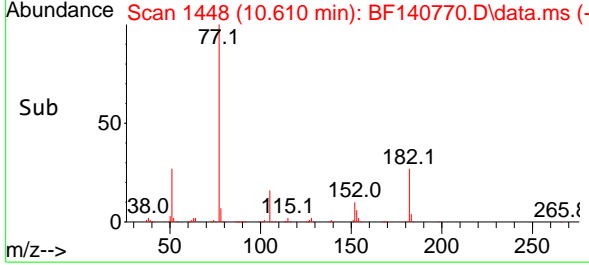
Tgt Ion: 77 Resp: 498994
 Ion Ratio Lower Upper
 77 100
 182 26.6 5.3 45.3
 105 21.3 0.3 40.3
 51 27.9 9.4 49.4

Manual Integrations

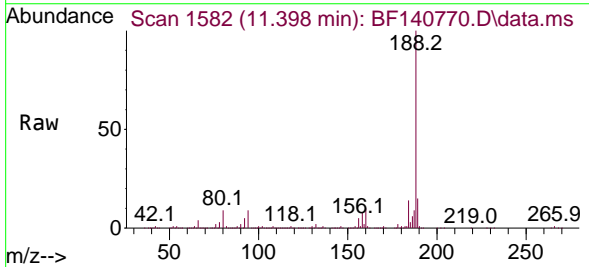
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

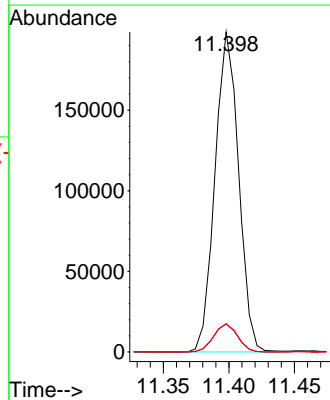
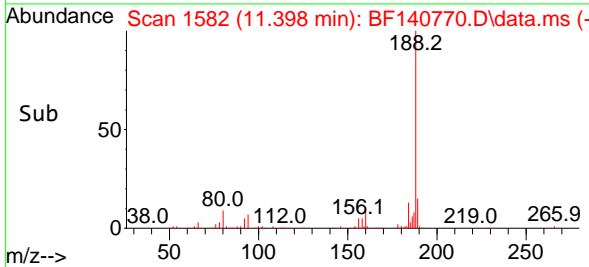
Supervised By :mohammad ahmed 12/10/2024

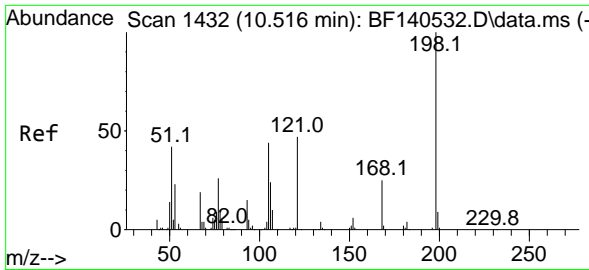


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:188 Resp: 248438
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.4 9.6
 80 8.9 6.9 10.3





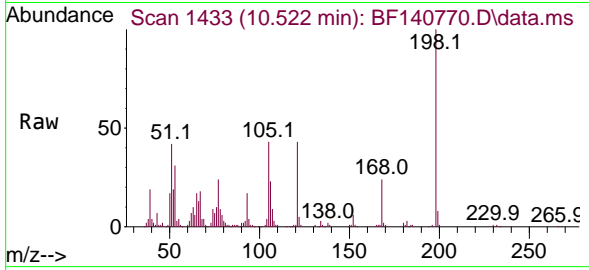
#65
 4,6-Dinitro-2-methylphenol
 Concen: 64.419 ng
 RT: 10.522 min Scan# 1433
 Delta R.T. 0.005 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



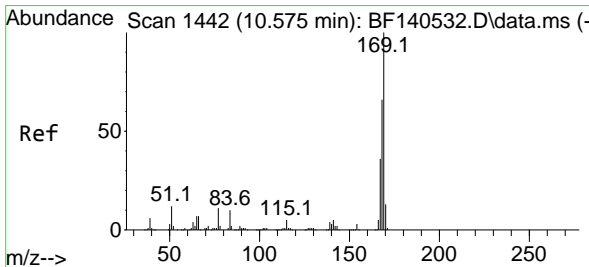
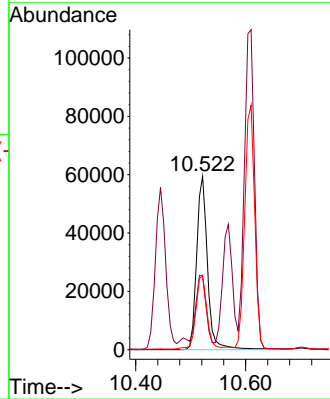
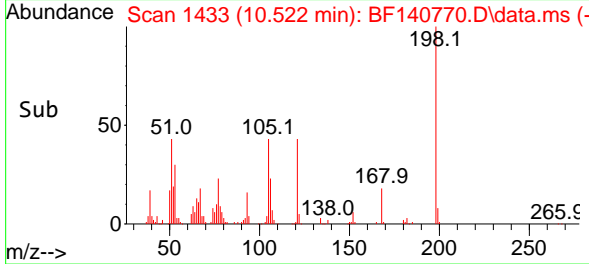
Tgt Ion:198 Resp: 8178
 Ion Ratio Lower Upper
 198 100
 51 42.4 29.4 69.4
 105 43.0 25.4 65.4

Manual Integrations

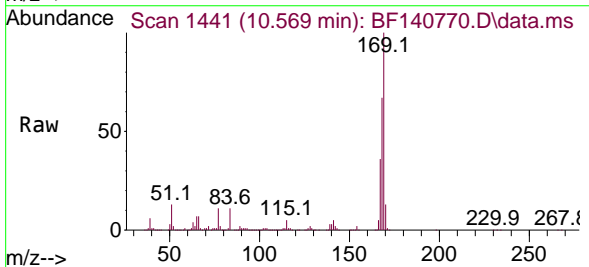
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

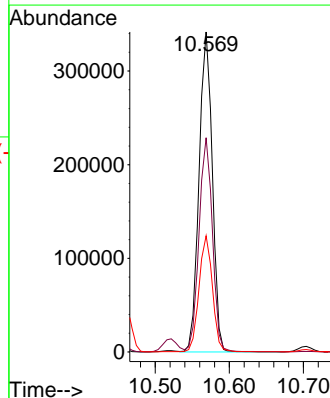
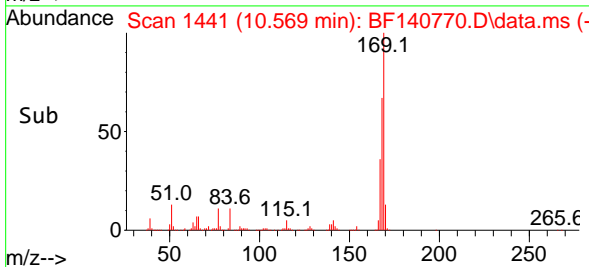
Supervised By :mohammad ahmed 12/10/2024

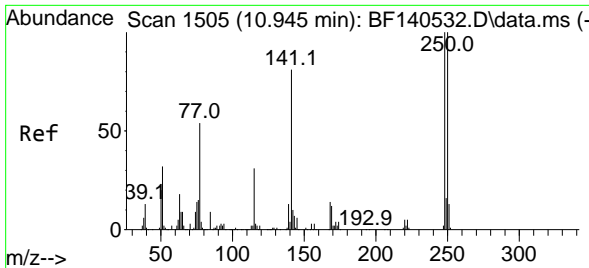


#66
 n-Nitrosodiphenylamine
 Concen: 57.791 ng
 RT: 10.569 min Scan# 1441
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:169 Resp: 424588
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.2 79.8
 167 36.3 29.0 43.6





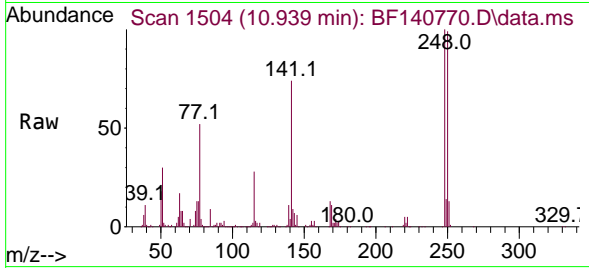
#67
 4-Bromophenyl-phenylether
 Concen: 60.604 ng
 RT: 10.939 min Scan# 1504
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



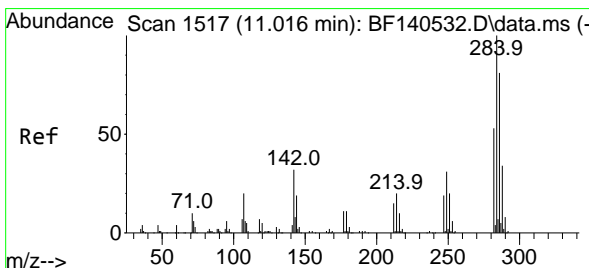
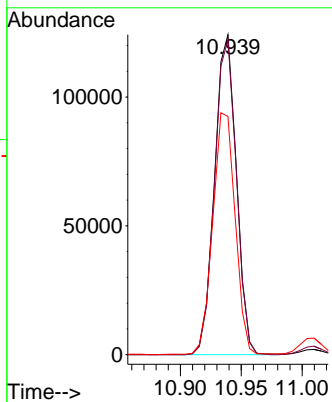
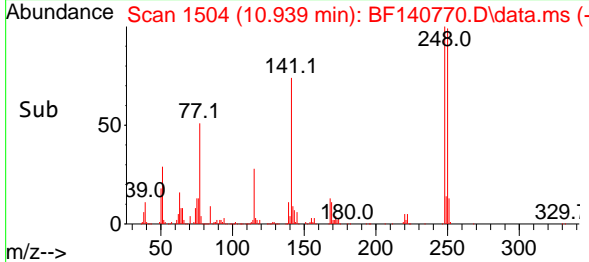
Tgt Ion:248 Resp: 155058
 Ion Ratio Lower Upper
 248 100
 250 98.5 79.8 119.8
 141 74.4 64.7 97.1

Manual Integrations

APPROVED

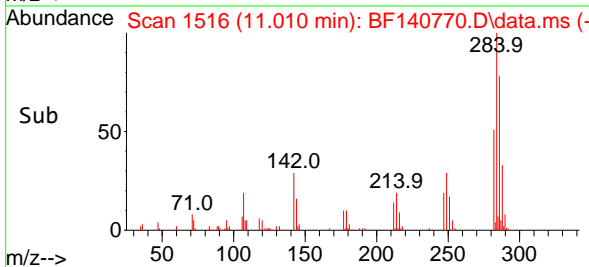
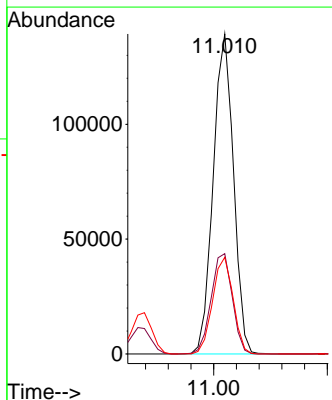
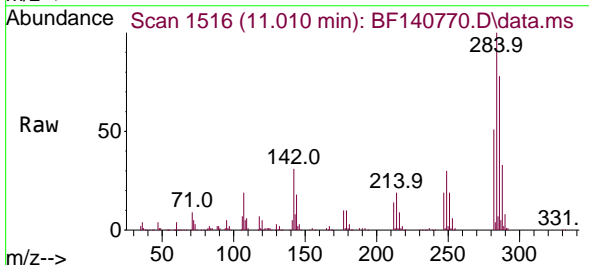
Reviewed By :Yogesh Patel 12/10/2024

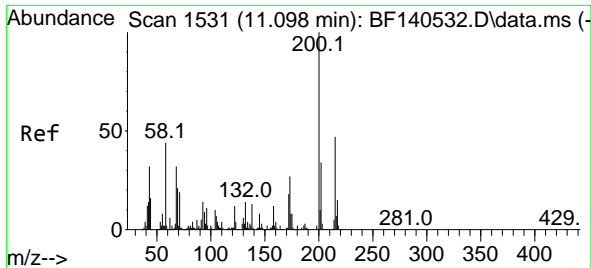
Supervised By :mohammad ahmed 12/10/2024



#68
 Hexachlorobenzene
 Concen: 58.332 ng
 RT: 11.010 min Scan# 1516
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Tgt Ion:284 Resp: 172809
 Ion Ratio Lower Upper
 284 100
 142 31.4 25.3 37.9
 249 30.2 24.8 37.2





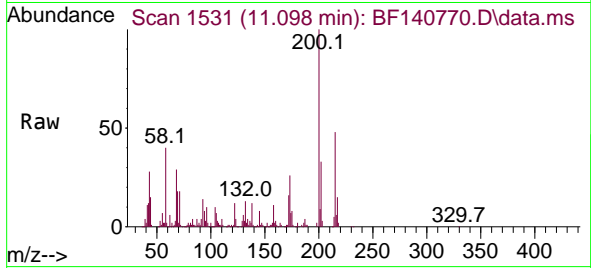
#69
 Atrazine
 Concen: 52.453 ng
 RT: 11.098 min Scan# 1531
 Delta R.T. -0.000 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



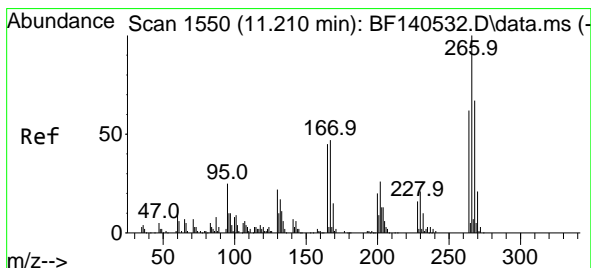
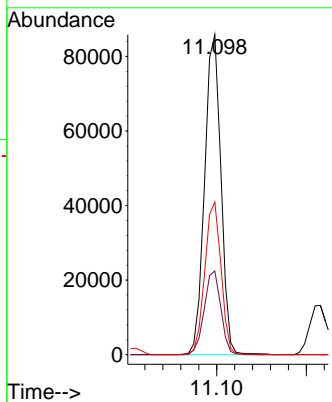
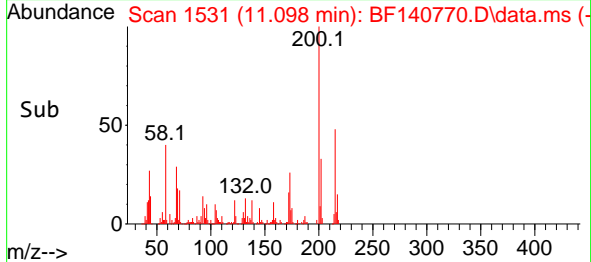
Tgt Ion:200 Resp: 10841
 Ion Ratio Lower Upper
 200 100
 173 26.1 7.0 47.0
 215 47.7 26.7 66.7

Manual Integrations

APPROVED

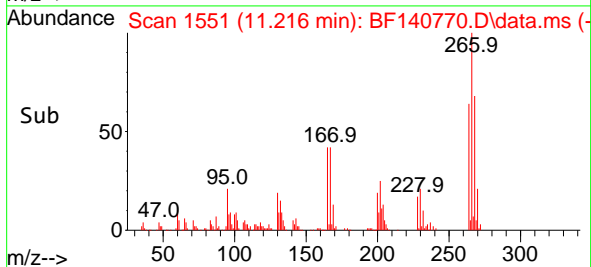
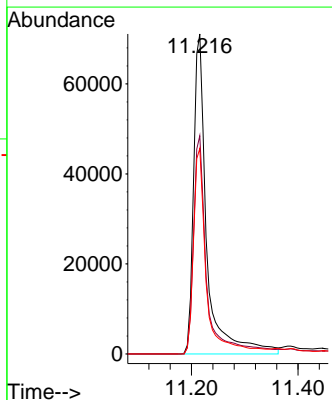
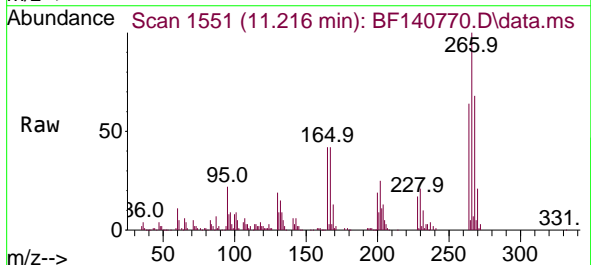
Reviewed By :Yogesh Patel 12/10/2024

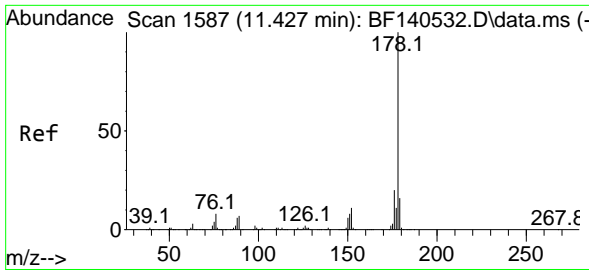
Supervised By :mohammad ahmed 12/10/2024



#70
 Pentachlorophenol
 Concen: 94.955 ng
 RT: 11.216 min Scan# 1551
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Tgt Ion:266 Resp: 123810
 Ion Ratio Lower Upper
 266 100
 268 68.2 53.7 80.5
 264 64.2 49.8 74.8





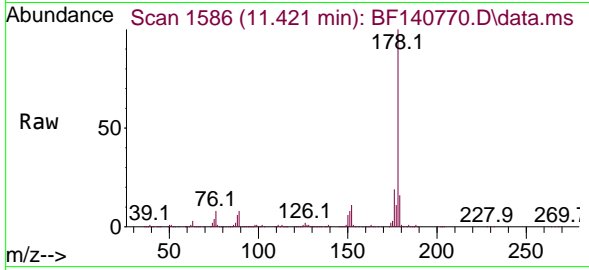
#71
 Phenanthrene
 Concen: 57.231 ng
 RT: 11.421 min Scan# 1586
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



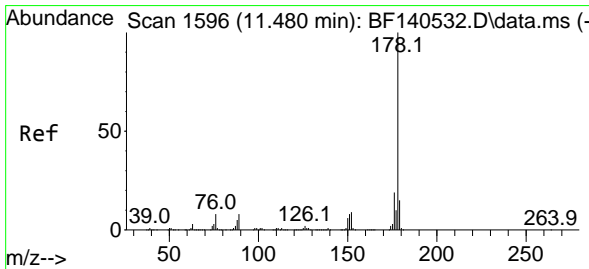
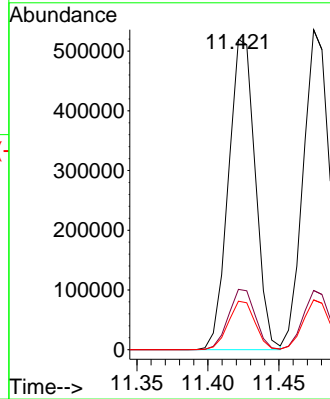
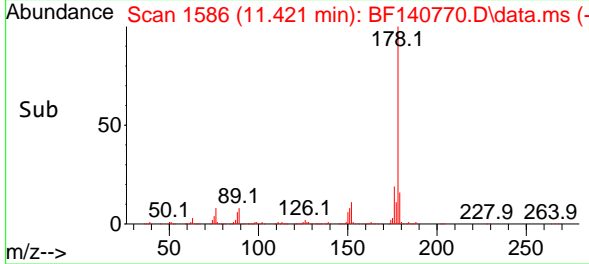
Tgt Ion:178 Resp: 68346
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.6 12.4 18.6

Manual Integrations

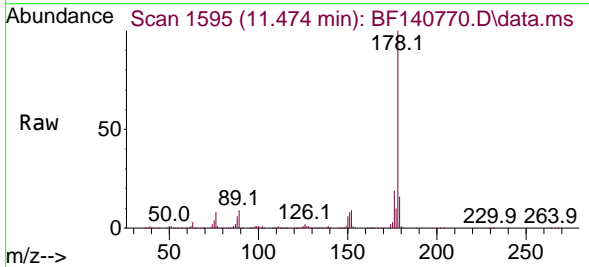
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

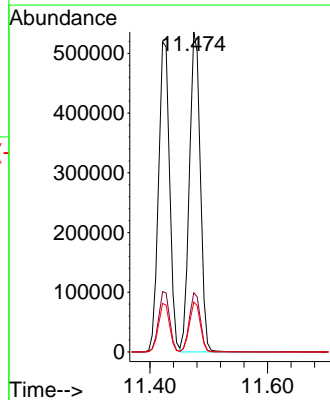
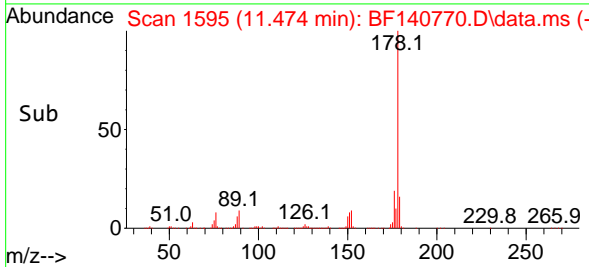
Supervised By :mohammad ahmed 12/10/2024

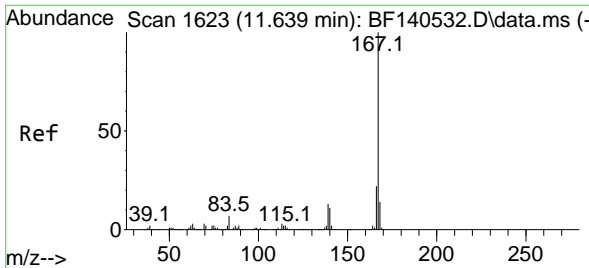


#72
 Anthracene
 Concen: 59.203 ng
 RT: 11.474 min Scan# 1595
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:178 Resp: 691591
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.0 22.4
 179 15.5 12.2 18.4





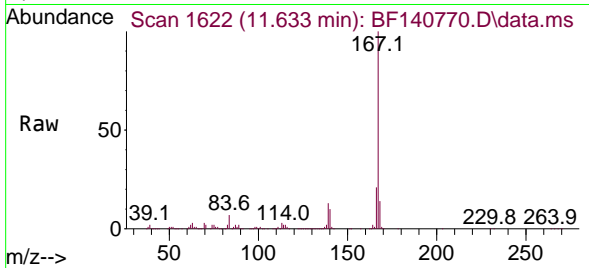
#73
 Carbazole
 Concen: 50.355 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



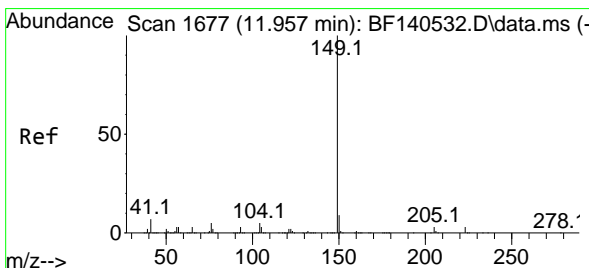
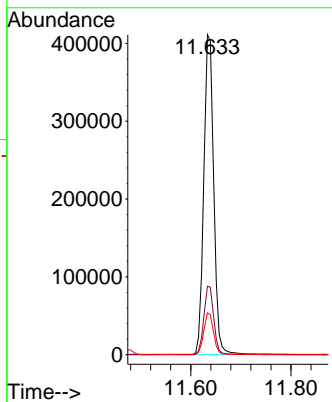
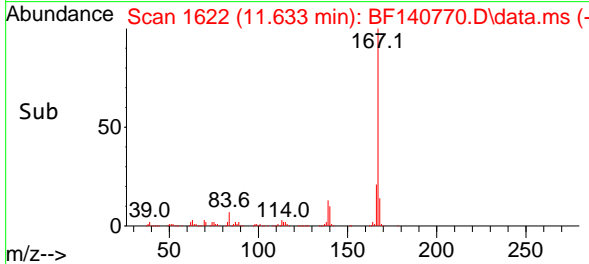
Tgt Ion:167 Resp: 565888
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.1 10.6 15.8

Manual Integrations

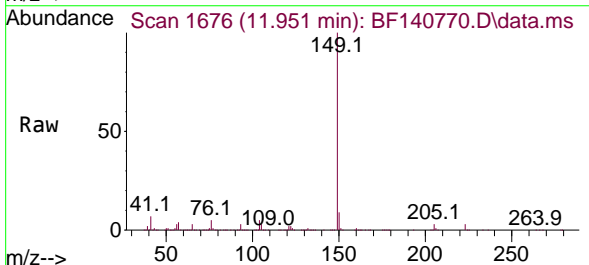
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

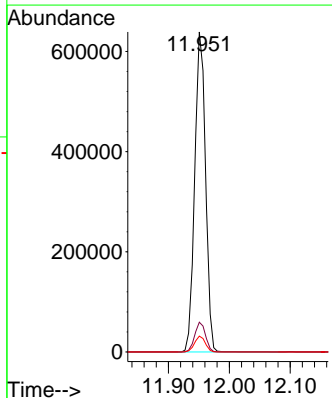
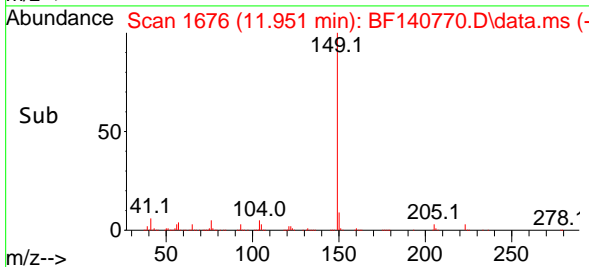
Supervised By :mohammad ahmed 12/10/2024

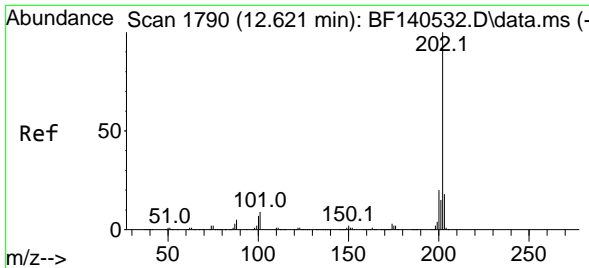


#74
 Di-n-butylphthalate
 Concen: 60.736 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:149 Resp: 787999
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 4.1 6.1





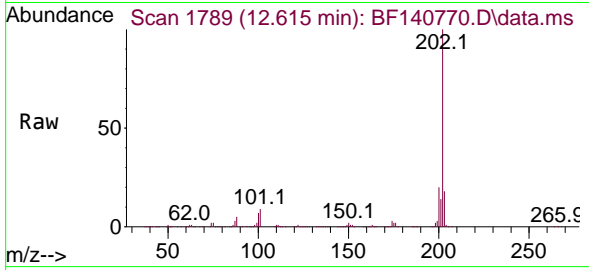
#75
 Fluoranthene
 Concen: 49.869 ng
 RT: 12.615 min Scan# 1790
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



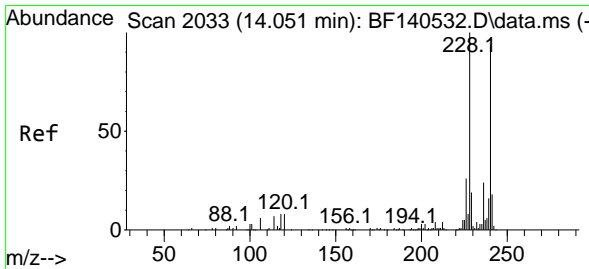
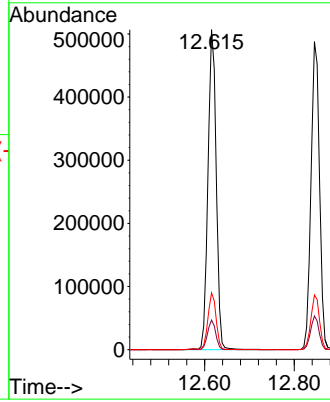
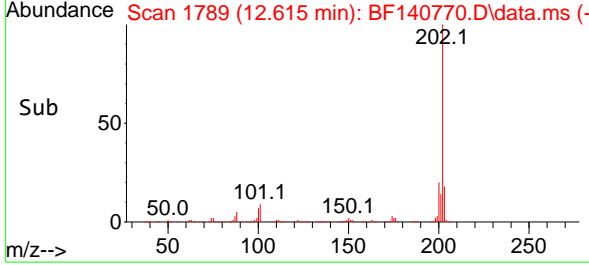
Tgt Ion:202 Resp: 646600
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 28.9
 203 17.7 0.0 37.6

Manual Integrations

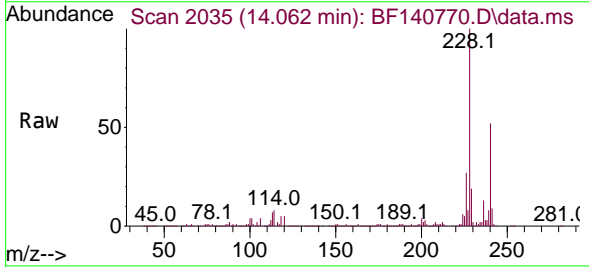
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

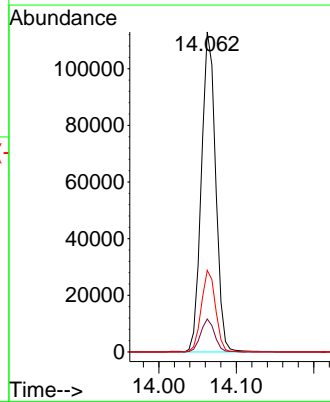
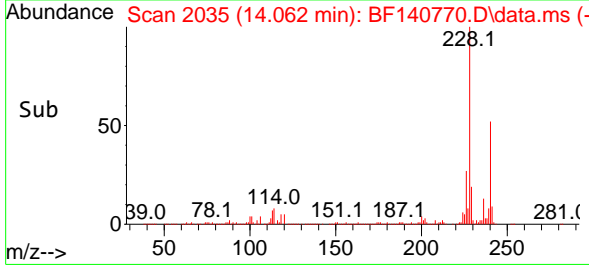
Supervised By :mohammad ahmed 12/10/2024

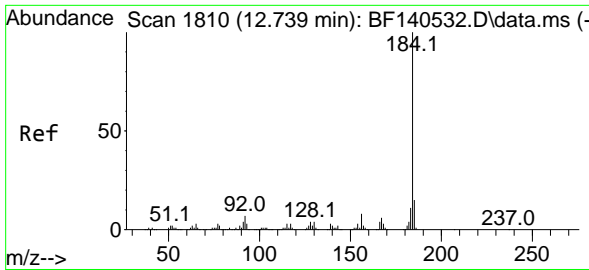


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.062 min Scan# 2035
 Delta R.T. 0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:240 Resp: 144492
 Ion Ratio Lower Upper
 240 100
 120 10.3 7.3 10.9
 236 25.5 20.6 31.0





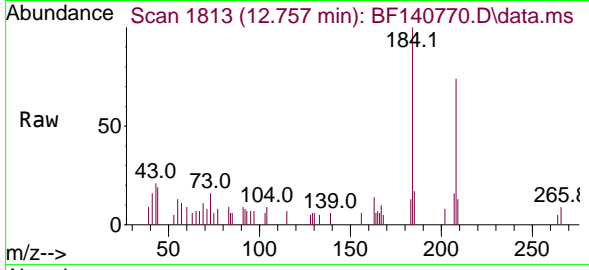
#77
Benzidine
Concen: 2.194 ng m
RT: 12.757 min Scan# 1813
Delta R.T. 0.018 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



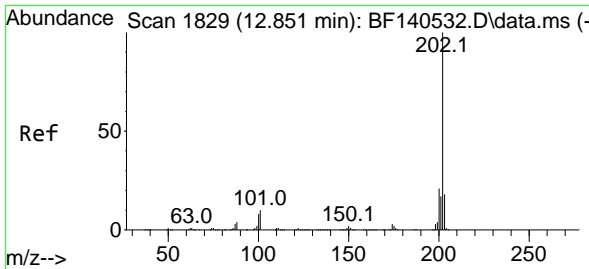
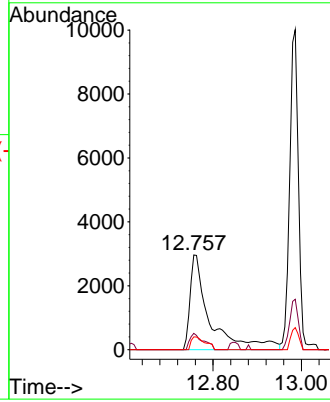
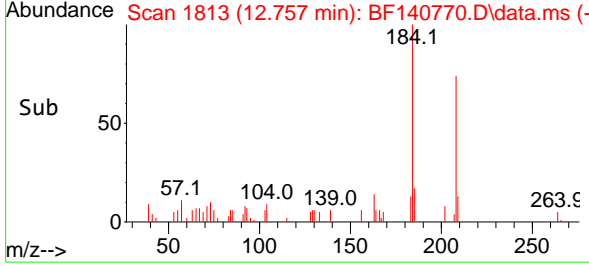
Tgt Ion:184 Resp: 921
Ion Ratio Lower Upper
184 100
185 17.2 11.7 17.5
183 13.5 8.8 13.2

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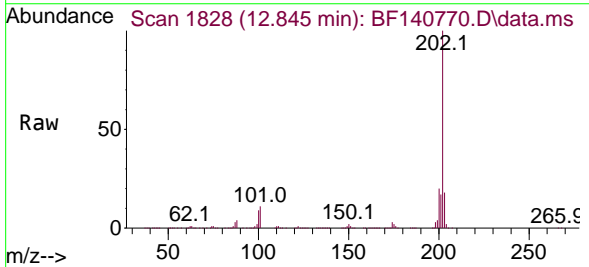
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

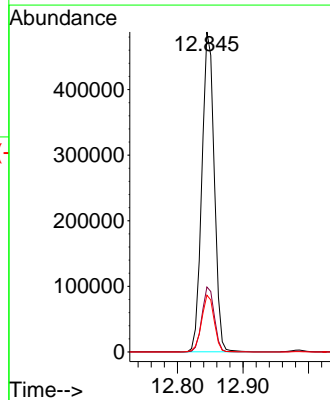
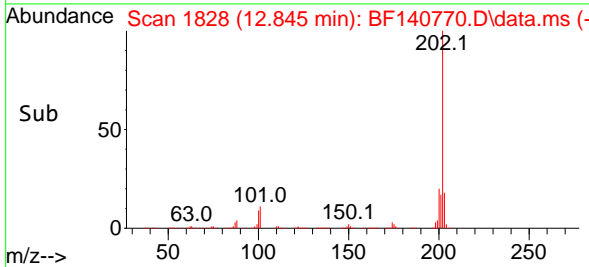
Supervised By :mohammad ahmed 12/10/2024

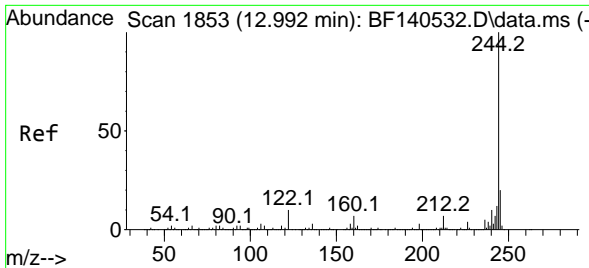


#78
Pyrene
Concen: 47.947 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50



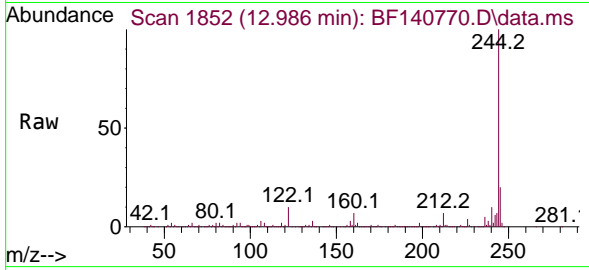
Tgt Ion:202 Resp: 640574
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.8 14.2 21.4





#79
 Terphenyl-d14
 Concen: 104.038 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

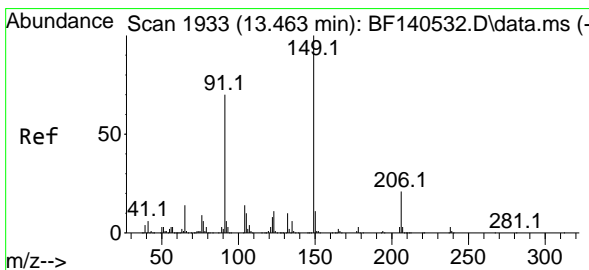
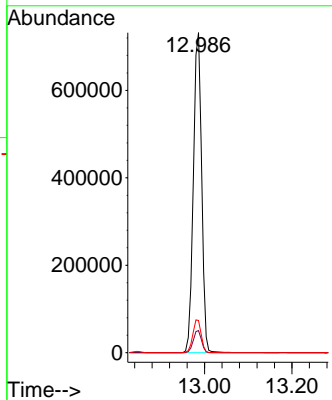
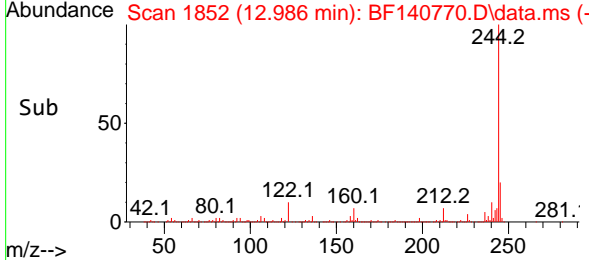
Instrument : BNA_F
 Client Sample Id : MH-764MSD



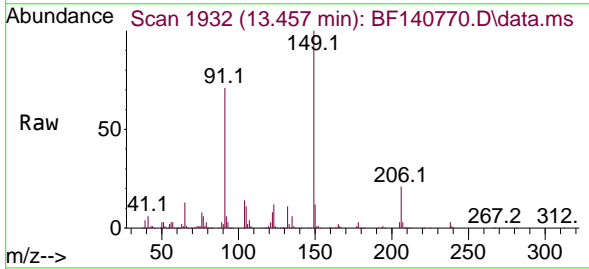
Tgt Ion:244 Resp: 965410
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.0 8.0 12.0

Manual Integrations
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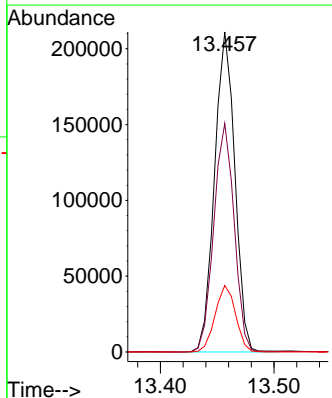
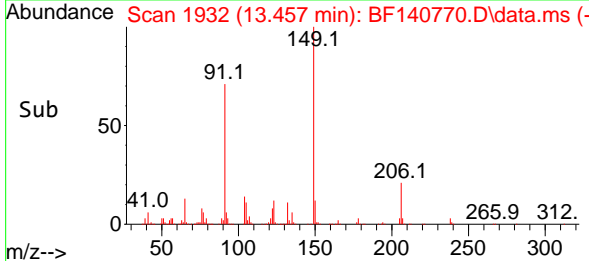
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

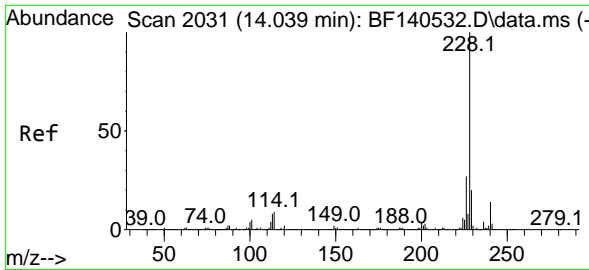


#80
 Butylbenzylphthalate
 Concen: 54.608 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:149 Resp: 262818
 Ion Ratio Lower Upper
 149 100
 91 71.4 56.2 84.2
 206 20.8 16.4 24.6





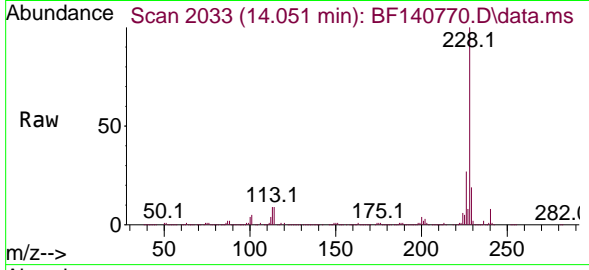
#81
 Benzo(a)anthracene
 Concen: 57.729 ng
 RT: 14.051 min Scan# 2031
 Delta R.T. 0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD



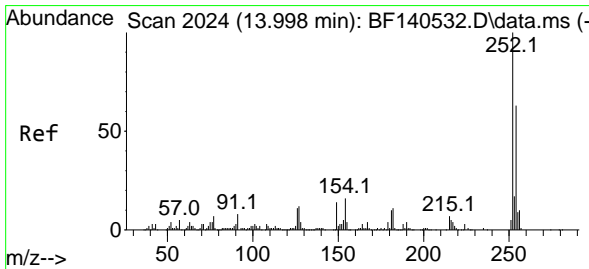
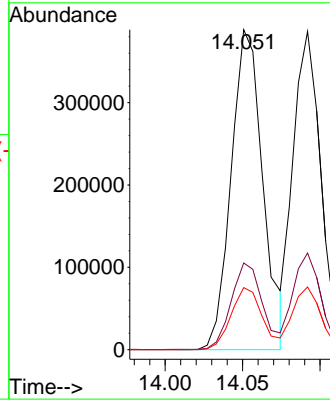
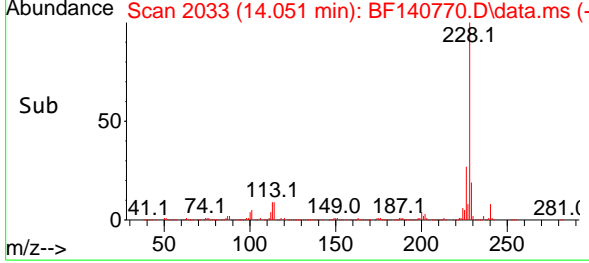
Tgt Ion:228 Resp: 552169
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.8 32.8
 229 19.4 15.8 23.6

Manual Integrations

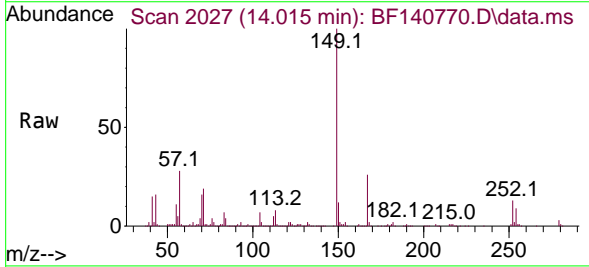
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

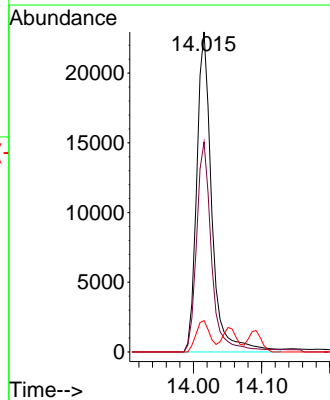
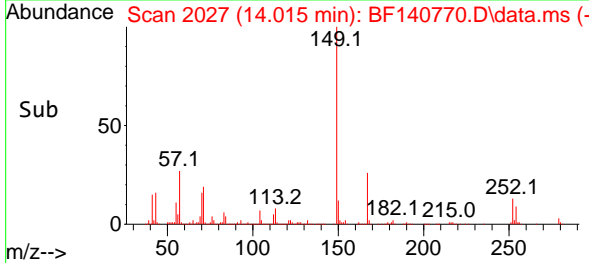
Supervised By :mohammad ahmed 12/10/2024

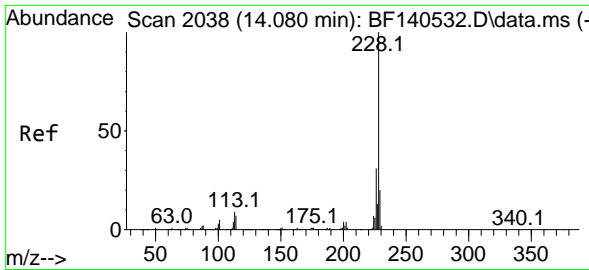


#82
 3,3'-Dichlorobenzidine
 Concen: 12.307 ng
 RT: 14.015 min Scan# 2027
 Delta R.T. 0.018 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:252 Resp: 35341
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.8 76.2
 126 9.8 8.6 13.0





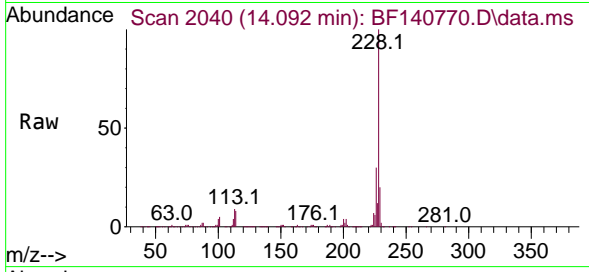
#83
 Chrysene
 Concen: 55.036 ng
 RT: 14.092 min Scan# 2040
 Delta R.T. 0.012 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD



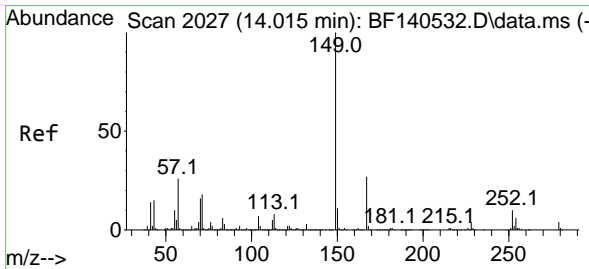
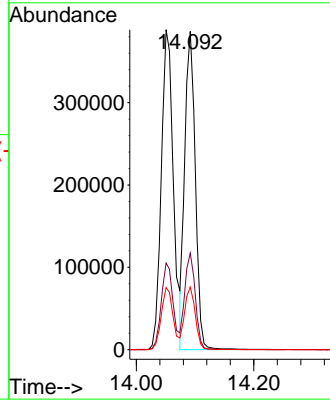
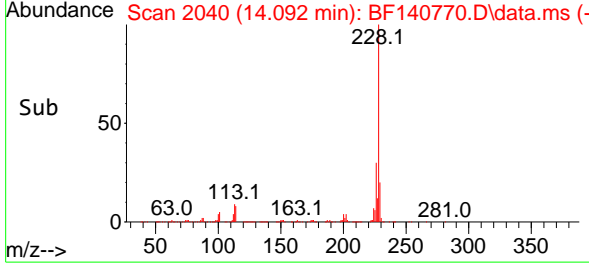
Tgt Ion: 228 Resp: 48134
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.7 15.8 23.6

Manual Integrations

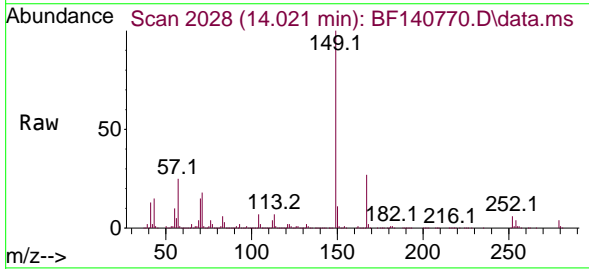
APPROVED

Reviewed By : Yogesh Patel 12/10/2024

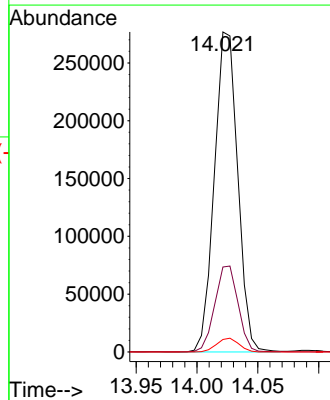
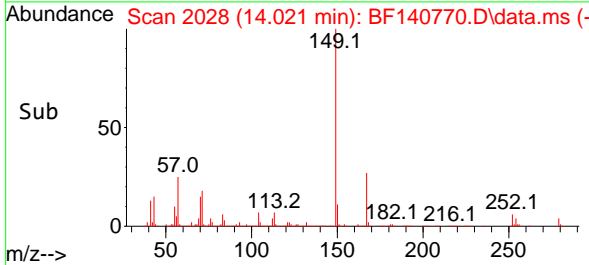
Supervised By : mohammad ahmed 12/10/2024

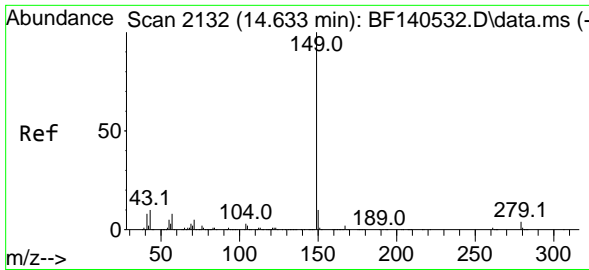


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.849 ng
 RT: 14.021 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



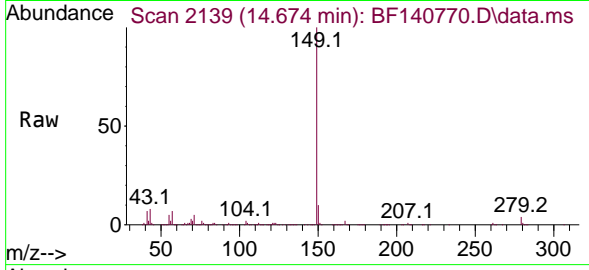
Tgt Ion: 149 Resp: 369792
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.2 31.8
 279 3.9 3.2 4.8





#85
 Di-n-octyl phthalate
 Concen: 74.275 ng
 RT: 14.674 min Scan# 2139
 Delta R.T. 0.041 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

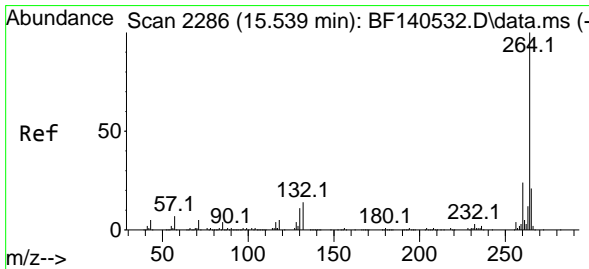
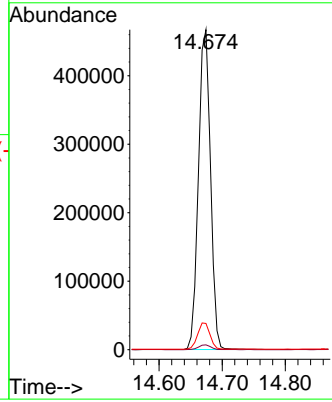
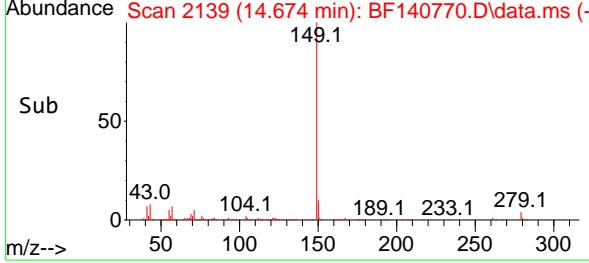
Instrument : BNA_F
 Client Sample Id : MH-764MSD



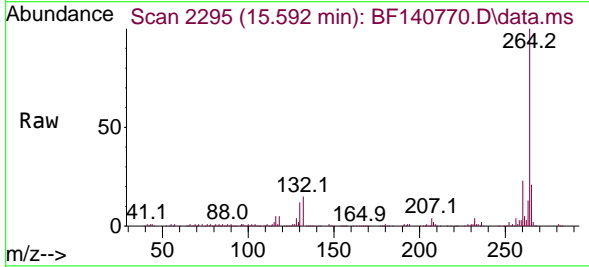
Tgt Ion:149 Resp: 61687
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 8.5 7.7 11.5

Manual Integrations
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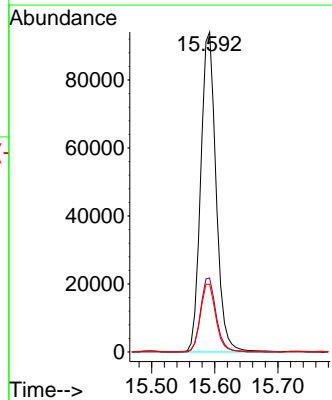
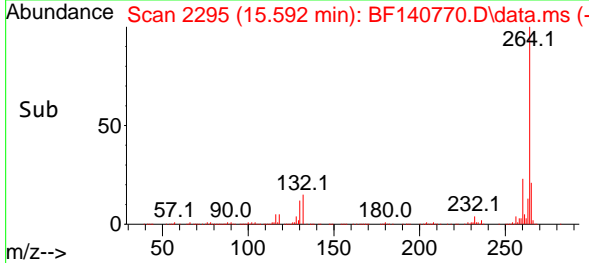
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024

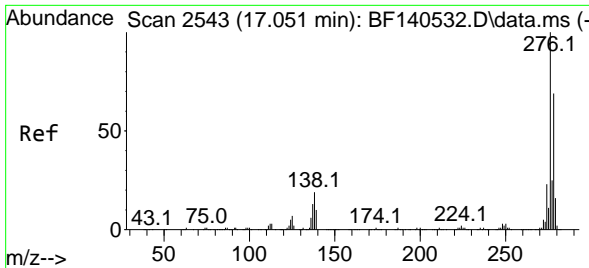


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2295
 Delta R.T. 0.053 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:264 Resp: 158613
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.2 16.6 25.0





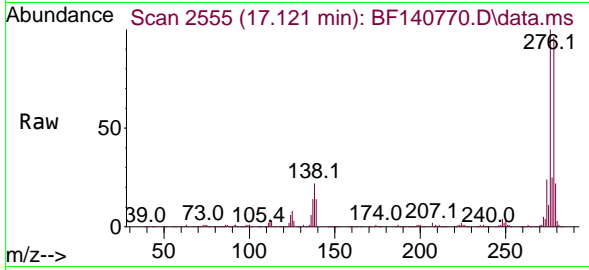
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.719 ng
 RT: 17.121 min Scan# 21
 Delta R.T. 0.070 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

Client Sample Id :

MH-764MSD



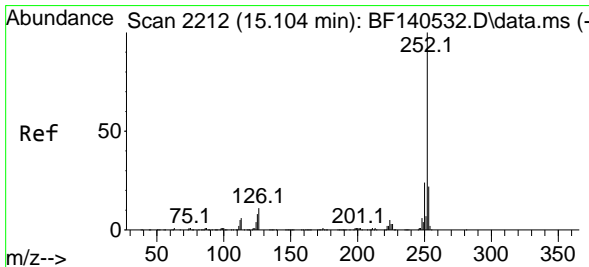
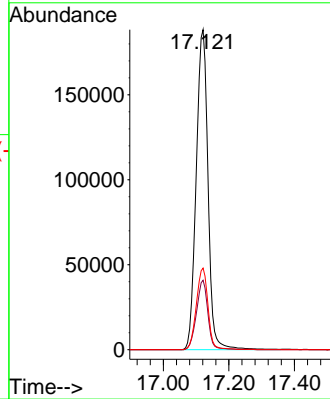
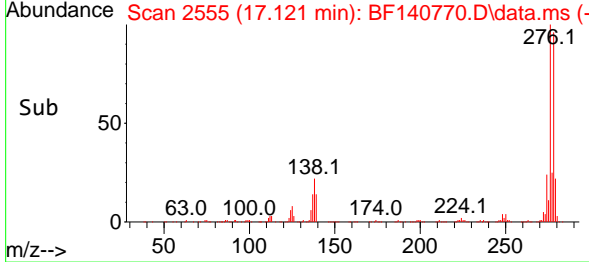
Tgt Ion: 276 Resp: 472580
 Ion Ratio Lower Upper
 276 100
 138 21.0 15.5 23.3
 277 25.2 20.1 30.1

Manual Integrations

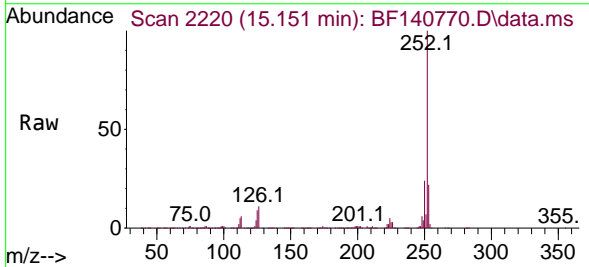
APPROVED

Reviewed By :Yogesh Patel 12/10/2024

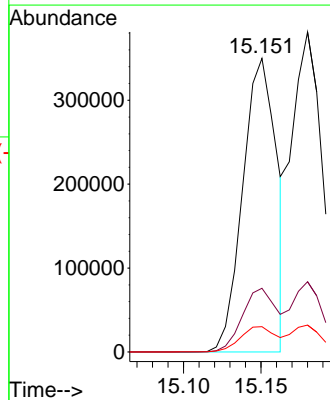
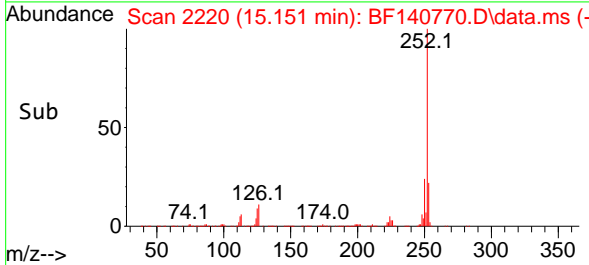
Supervised By :mohammad ahmed 12/10/2024

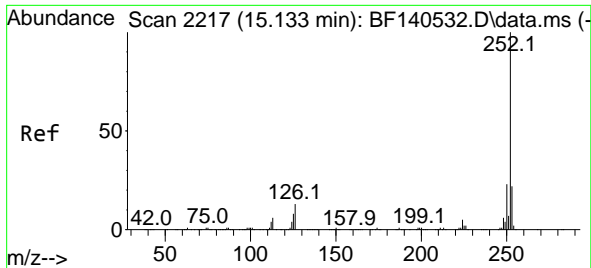


#88
 Benzo(b)fluoranthene
 Concen: 53.341 ng
 RT: 15.151 min Scan# 2220
 Delta R.T. 0.047 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion: 252 Resp: 531422
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 8.6 6.7 10.1





#89
 Benzo(k)fluoranthene
 Concen: 60.410 ng
 RT: 15.180 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

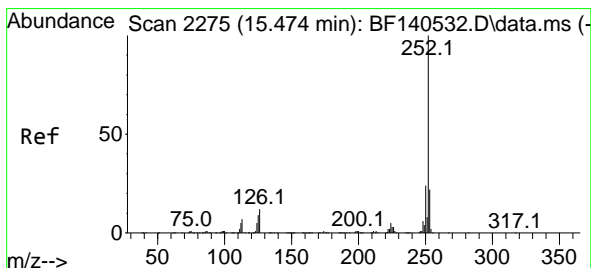
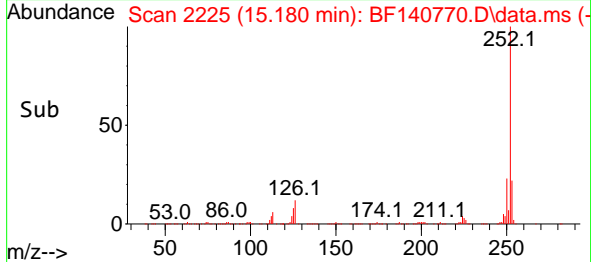
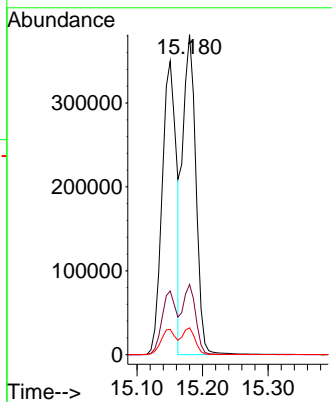
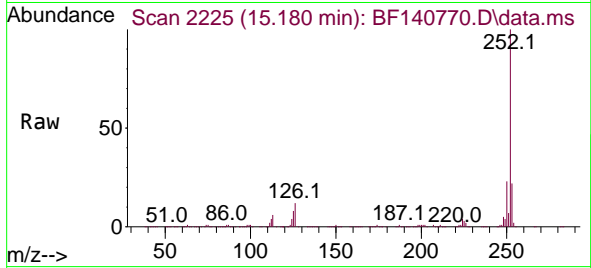
ClientSampleId :

MH-764MSD

Tgt Ion:252 Resp: 52666
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 8.4 6.5 9.7

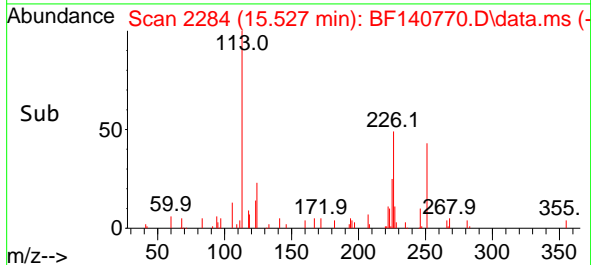
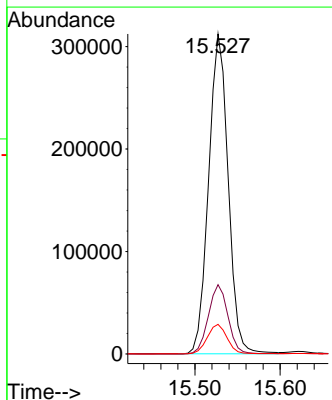
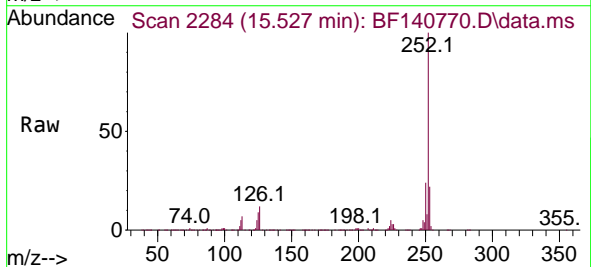
Manual Integrations
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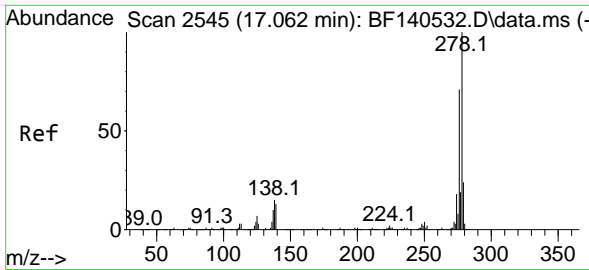
Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024



#90
 Benzo(a)pyrene
 Concen: 61.381 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.053 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

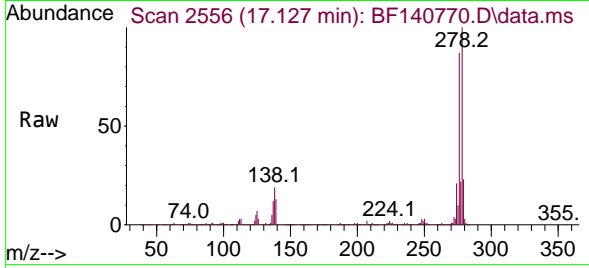
Tgt Ion:252 Resp: 497215
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.3 25.9
 125 9.2 7.0 10.6





#91
 Dibenzo(a,h)anthracene
 Concen: 47.482 ng
 RT: 17.127 min Scan# 21
 Delta R.T. 0.065 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

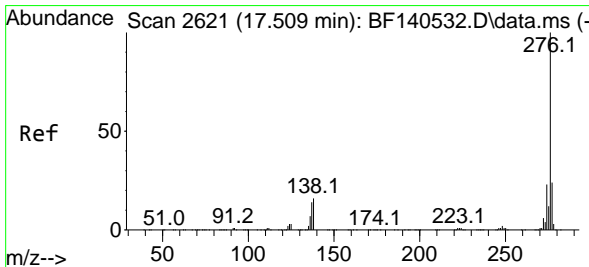
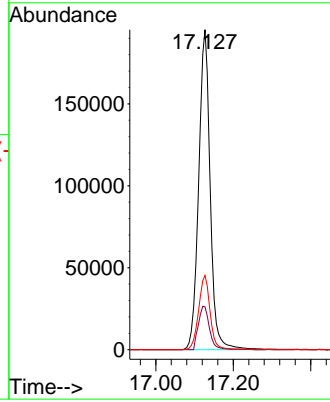
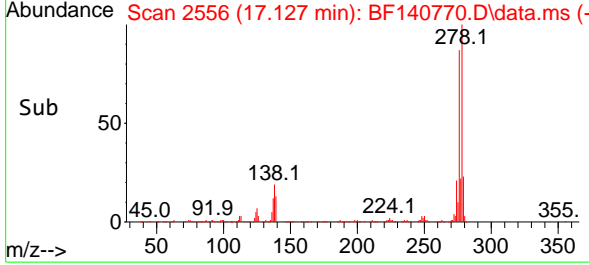
Instrument : BNA_F
 ClientSampleId : MH-764MSD



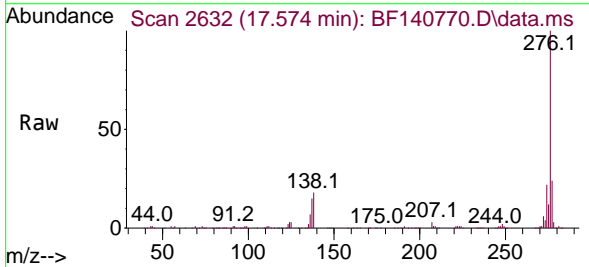
Tgt Ion:278 Resp: 40195
 Ion Ratio Lower Upper
 278 100
 139 13.4 10.2 15.4
 279 23.2 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :mohammad ahmed 12/10/2024



#92
 Benzo(g,h,i)perylene
 Concen: 36.820 ng
 RT: 17.574 min Scan# 2632
 Delta R.T. 0.065 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50



Tgt Ion:276 Resp: 318067
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.9 28.3
 138 17.9 13.2 19.8

