

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140497.D
 Acq On : 20 Nov 2024 13:35
 Operator : RC/JU
 Sample : P4892-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 20 14:10:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	115233	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	427479	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	231375	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	409075	20.000	ng	0.00
76) Chrysene-d12	14.045	240	206876	20.000	ng	0.00
86) Perylene-d12	15.539	264	225913	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	712357	105.549	ng	0.02
7) Phenol-d6	6.516	99	921403	100.767	ng	0.01
23) Nitrobenzene-d5	7.439	82	592509	72.217	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	258218	112.228	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1084808	75.370	ng	0.00
79) Terphenyl-d14	12.980	244	1020809	85.651	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	130097	43.250	ng	96
3) Pyridine	3.446	79	321443	43.467	ng	99
4) n-Nitrosodimethylamine	3.399	42	182270	48.768	ng	98
6) Aniline	6.540	93	371943	46.759	ng	# 60
8) 2-Chlorophenol	6.663	128	377267	52.038	ng	98
9) Benzaldehyde	6.428	77	30199	5.510	ng	97
10) Phenol	6.528	94	485275	50.324	ng	86
11) bis(2-Chloroethyl)ether	6.610	93	373257	51.086	ng	100
12) 1,3-Dichlorobenzene	6.816	146	394685	49.341	ng	100
13) 1,4-Dichlorobenzene	6.892	146	398448	49.125	ng	99
14) 1,2-Dichlorobenzene	7.045	146	378219	50.231	ng	100
15) Benzyl Alcohol	7.016	79	334977	50.847	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	488625	48.416	ng	70
17) 2-Methylphenol	7.134	107	292445	49.036	ng	# 93
18) Hexachloroethane	7.387	117	149187	49.754	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	262846	47.595	ng	100
20) 3+4-Methylphenols	7.287	107	359547	48.207	ng	93
22) Acetophenone	7.281	105	491432	49.428	ng	99
24) Nitrobenzene	7.457	77	411726	48.198	ng	99
25) Isophorone	7.692	82	734030	50.480	ng	100
26) 2-Nitrophenol	7.775	139	201445	53.142	ng	98
27) 2,4-Dimethylphenol	7.810	122	296159m	61.025	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	446049	50.027	ng	99
29) 2,4-Dichlorophenol	8.016	162	310556	51.778	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	327381	49.027	ng	99
31) Naphthalene	8.175	128	1067784	49.240	ng	100
32) Benzoic acid	7.939	122	193846	45.393	ng	96
33) 4-Chloroaniline	8.228	127	151029	20.026	ng	98
34) Hexachlorobutadiene	8.292	225	212771	50.010	ng	99
35) Caprolactam	8.598	113	98618m	49.470	ng	
36) 4-Chloro-3-methylphenol	8.716	107	334024	50.254	ng	99
37) 2-Methylnaphthalene	8.869	142	689081	49.557	ng	99
38) 1-Methylnaphthalene	8.969	142	648042	47.593	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	329073	51.431	ng	99
41) Hexachlorocyclopentadiene	9.016	237	332726	202.539	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	220697	52.560	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	230550	50.220	ng	97
46) 1,1'-Biphenyl	9.333	154	846207	50.272	ng	99
47) 2-Chloronaphthalene	9.357	162	638544	49.799	ng	99
48) 2-Nitroaniline	9.457	65	215455	50.667	ng	99
49) Acenaphthylene	9.775	152	1045592	53.896	ng	100
50) Dimethylphthalate	9.633	163	791800	52.502	ng	100
51) 2,6-Dinitrotoluene	9.698	165	169868	49.407	ng	98
52) Acenaphthene	9.945	154	747063m	57.014	ng	
53) 3-Nitroaniline	9.869	138	117324	32.493	ng	100
54) 2,4-Dinitrophenol	9.980	184	180348	101.720	ng	98
55) Dibenzofuran	10.116	168	959230	51.712	ng	100
56) 4-Nitrophenol	10.045	139	238994	90.745	ng	98
57) 2,4-Dinitrotoluene	10.104	165	227337	50.241	ng	99
58) Fluorene	10.463	166	738282	50.382	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	193061	53.260	ng	99
60) Diethylphthalate	10.328	149	794405	51.514	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	368215	50.898	ng	99
62) 4-Nitroaniline	10.486	138	172490	46.721	ng	99
63) Azobenzene	10.610	77	826525	54.244	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	123849	56.272	ng	96
66) n-Nitrosodiphenylamine	10.569	169	647087	54.747	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	222069	54.307	ng	98
68) Hexachlorobenzene	11.010	284	245229	53.300	ng	98
69) Atrazine	11.098	200	205079	57.349	ng	99
70) Pentachlorophenol	11.210	266	241085	97.276	ng	99
71) Phenanthrene	11.427	178	1008970	52.505	ng	100
72) Anthracene	11.480	178	1030542	54.719	ng	100
73) Carbazole	11.633	167	913948	49.147	ng	100
74) Di-n-butylphthalate	11.957	149	1161034	52.019	ng	100
75) Fluoranthene	12.616	202	1005608	46.644	ng	99
77) Benzidine	12.739	184	149604	18.842	ng	98
78) Pyrene	12.845	202	1002591	56.658	ng	100
80) Butylbenzylphthalate	13.457	149	380539	55.980	ng	96
81) Benzo(a)anthracene	14.033	228	751085	55.241	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	167008	38.645	ng	99
83) Chrysene	14.074	228	648530	52.277	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	496820	54.755	ng	99
85) Di-n-octyl phthalate	14.639	149	743761	58.202	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	870838	62.402	ng	99
88) Benzo(b)fluoranthene	15.104	252	742952	50.274	ng	99
89) Benzo(k)fluoranthene	15.133	252	566235	46.902	ng	98
90) Benzo(a)pyrene	15.480	252	642992	56.028	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	709908	61.542	ng	99
92) Benzo(g,h,i)perylene	17.509	276	671446	56.936	ng	99

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

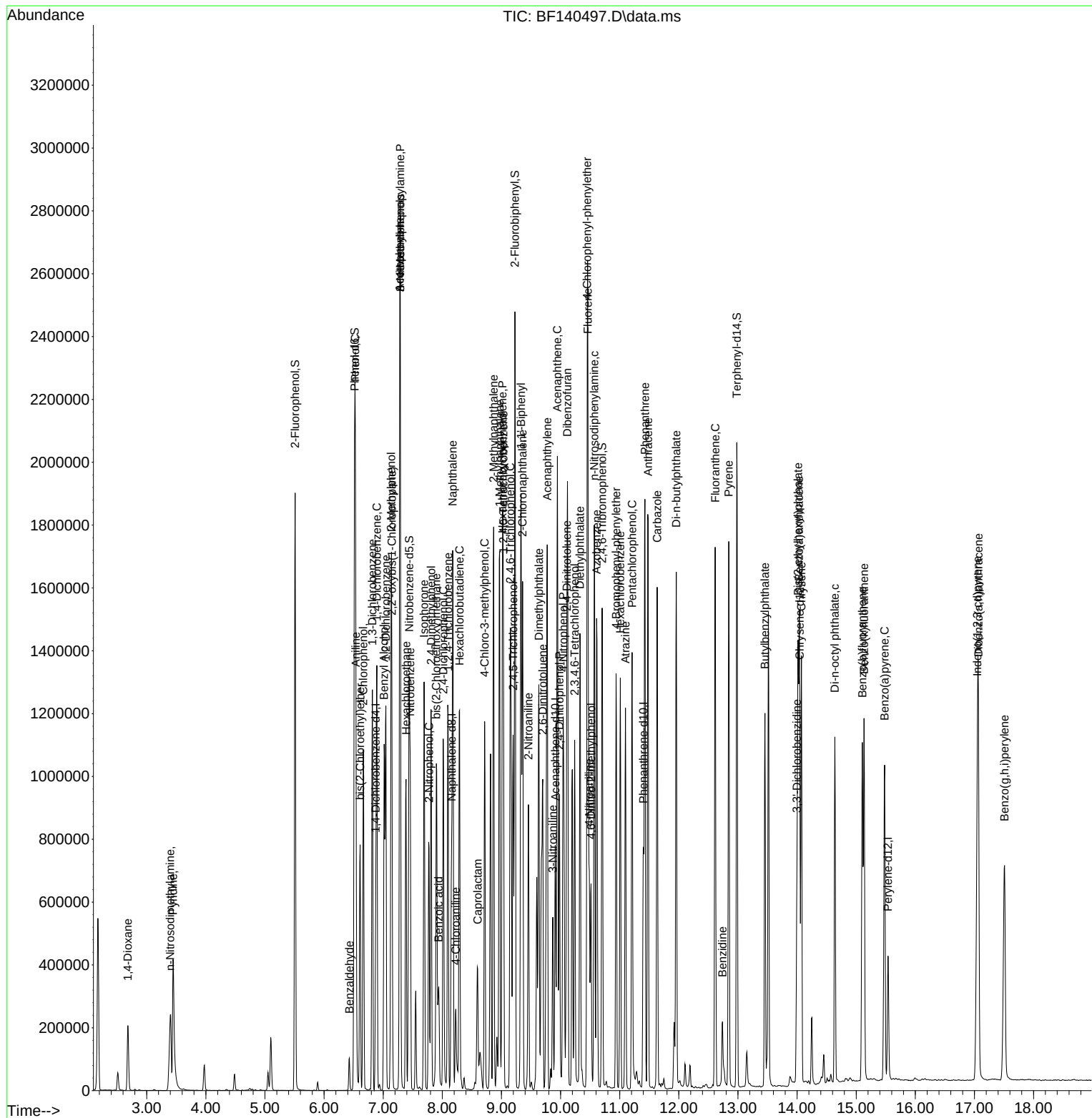
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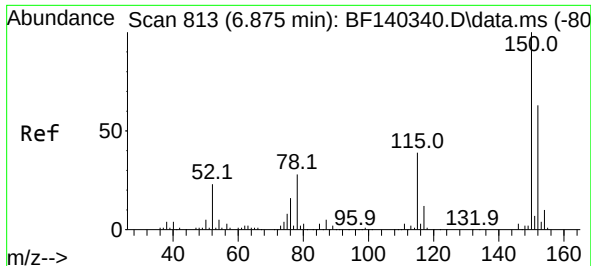
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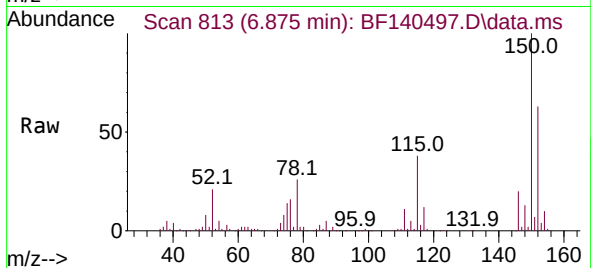
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

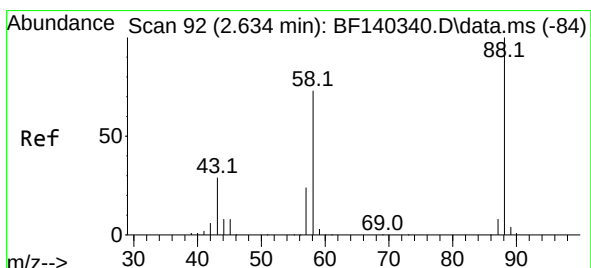
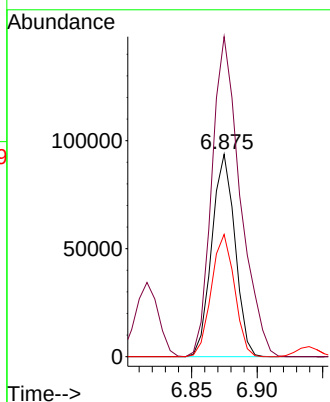
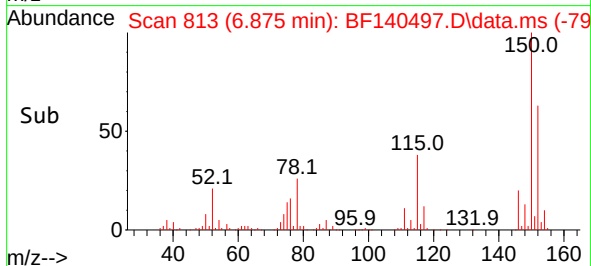
Instrument :
BNA_F
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WB-310-BOTMSD



Tgt Ion:152 Resp: 115233
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.0
115 60.4 47.4 71.2

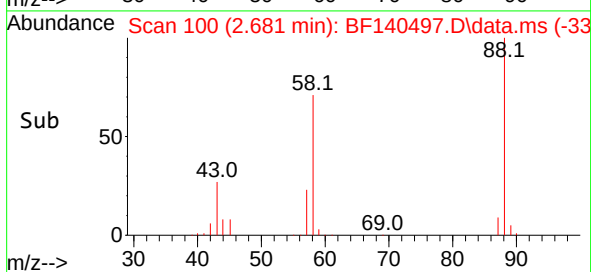
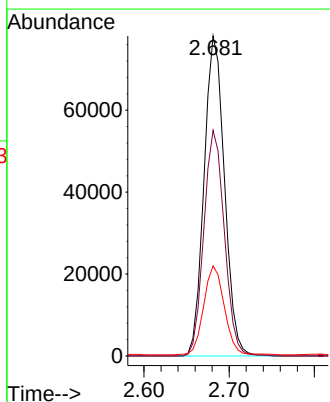
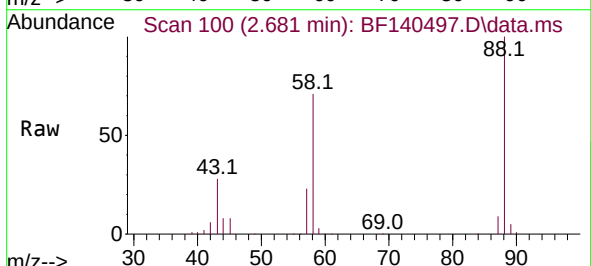
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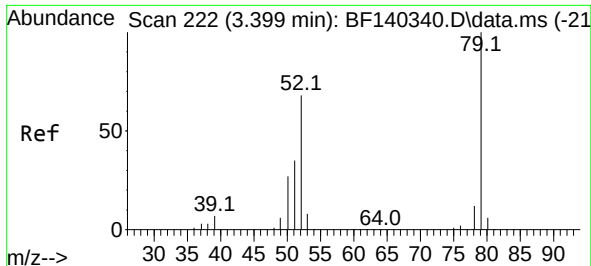
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#2
1,4-Dioxane
Concen: 43.250 ng
RT: 2.681 min Scan# 100
Delta R.T. 0.047 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion: 88 Resp: 130097
Ion Ratio Lower Upper
88 100
58 70.8 59.5 89.3
43 27.9 23.4 35.2





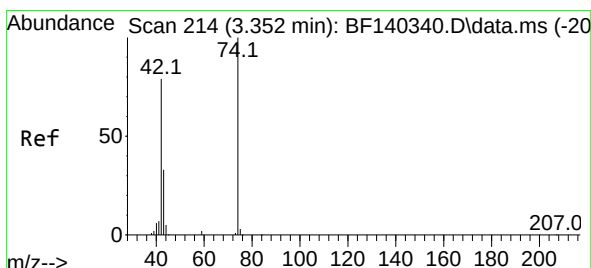
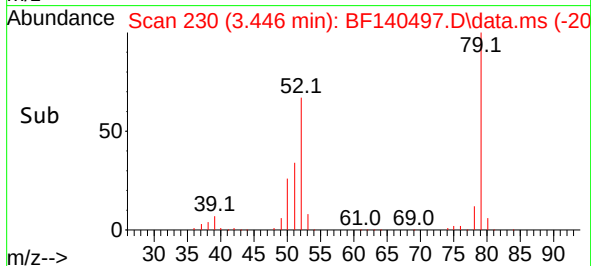
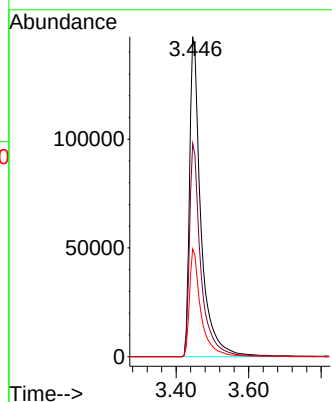
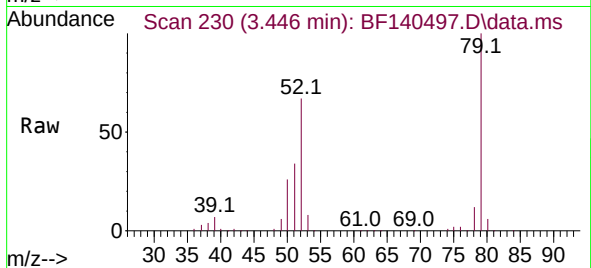
#3
Pyridine
Concen: 43.467 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :
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ClientSampleId :
WB-310-BOTMSD

Tgt Ion: 79 Resp: 32144
Ion Ratio Lower Upper
79 100
52 66.6 53.8 80.6
51 33.6 27.3 40.9

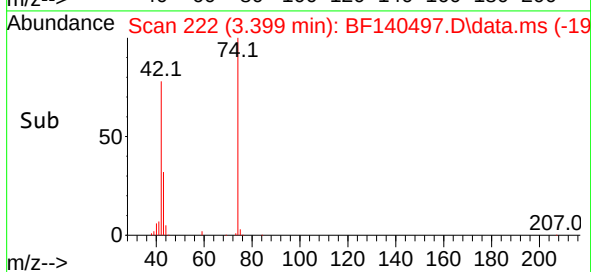
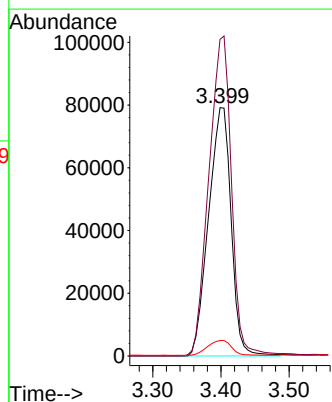
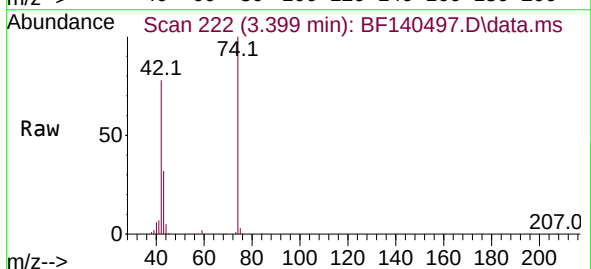
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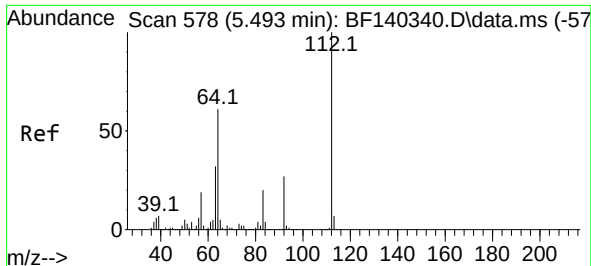
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#4
n-Nitrosodimethylamine
Concen: 48.768 ng
RT: 3.399 min Scan# 222
Delta R.T. 0.041 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

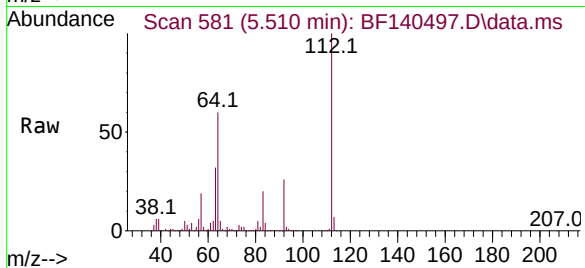
Tgt Ion: 42 Resp: 182270
Ion Ratio Lower Upper
42 100
74 127.5 103.5 155.3
44 6.2 5.1 7.7





#5
2-Fluorophenol
Concen: 105.549 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

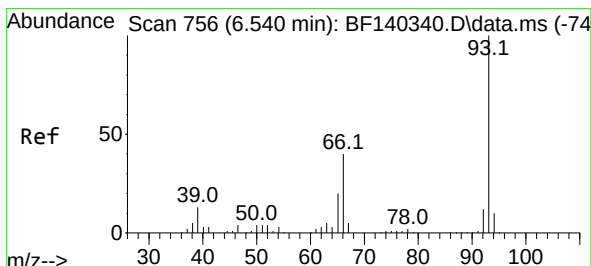
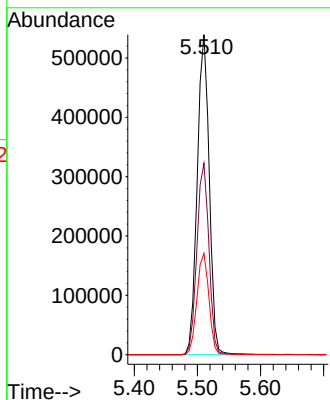
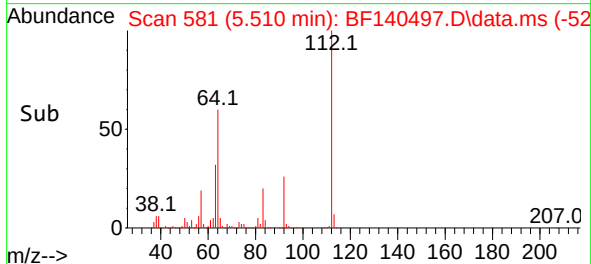
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Tgt Ion: 112 Resp: 71235
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.6 25.6 38.4

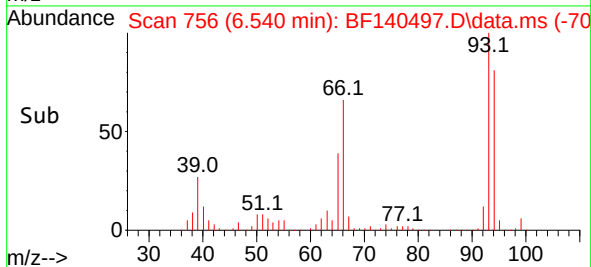
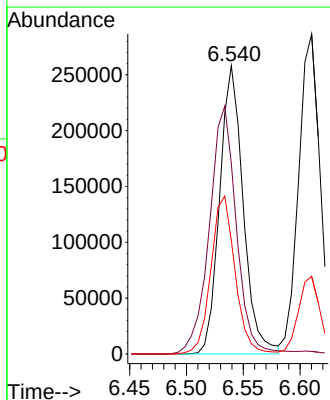
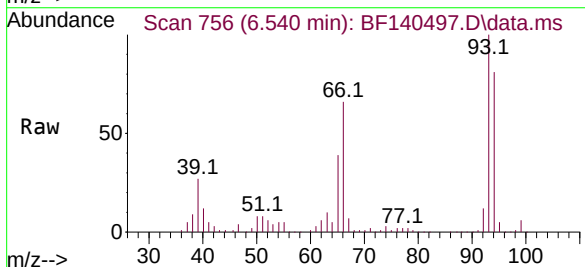
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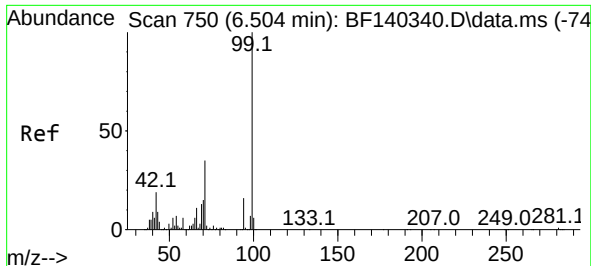
Reviewed By :Yogesh Patel 11/22/2024
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#6
Aniline
Concen: 46.759 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140497.D
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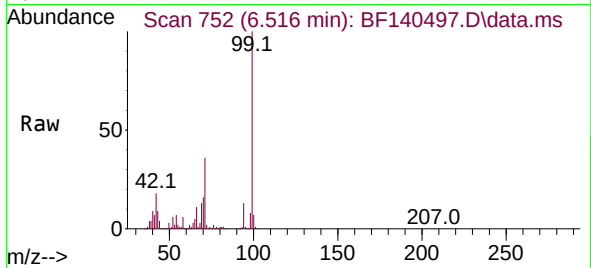
Tgt Ion: 93 Resp: 371943
Ion Ratio Lower Upper
93 100
66 66.1 32.8 49.2#
65 39.5 16.6 25.0#





#7
Phenol-d6
Concen: 100.767 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140497.D
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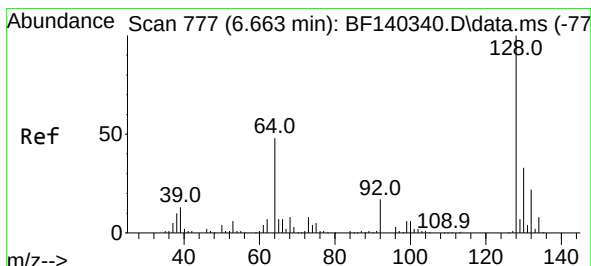
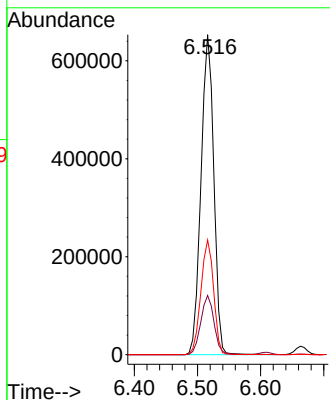
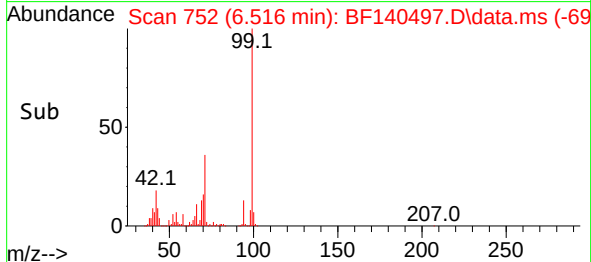
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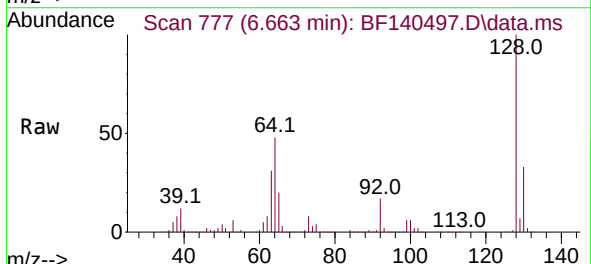
Tgt Ion: 99 Resp: 92140
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.9 27.9 41.9

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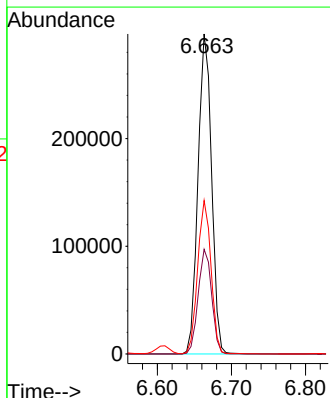
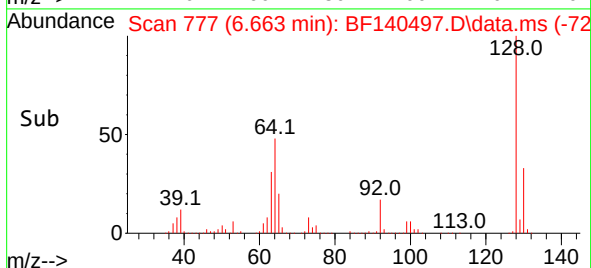
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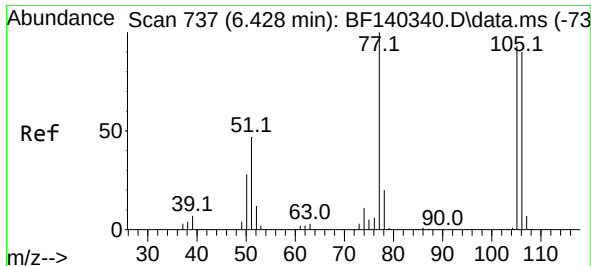


#8
2-Chlorophenol
Concen: 52.038 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



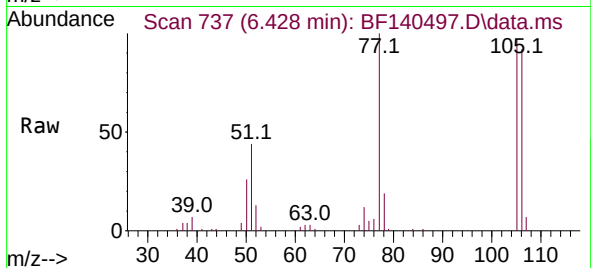
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Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 48.0 30.2 70.2





#9
Benzaldehyde
Concen: 5.510 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140497.D
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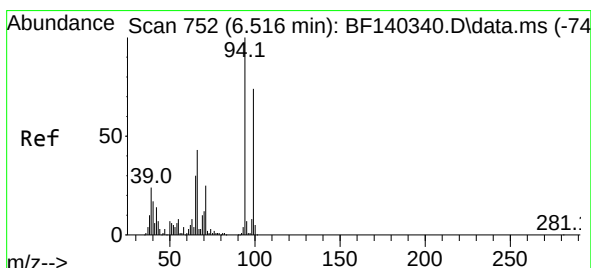
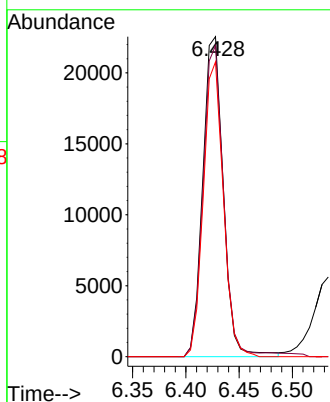
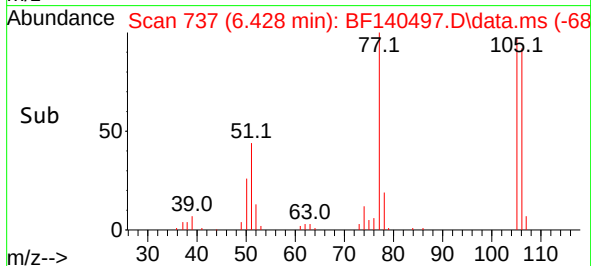
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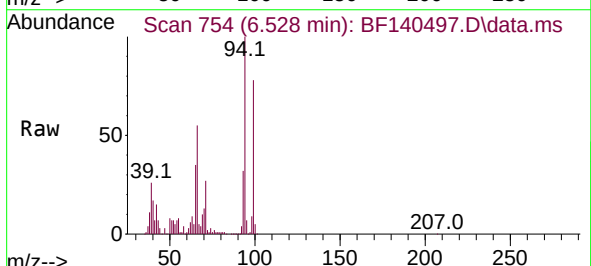
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Ion Ratio Lower Upper
77 100
105 97.2 74.4 114.4
106 92.1 69.9 109.9

Manual Integrations
APPROVED

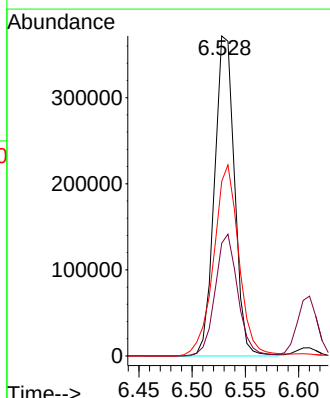
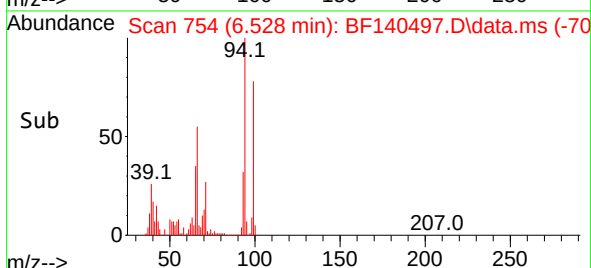
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

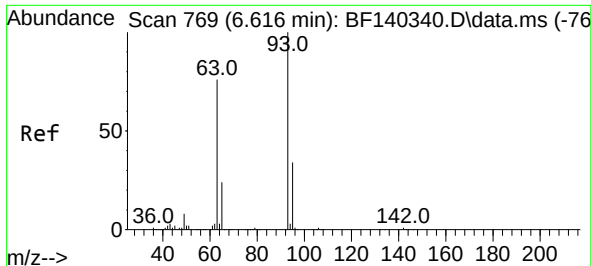


#10
Phenol
Concen: 50.324 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



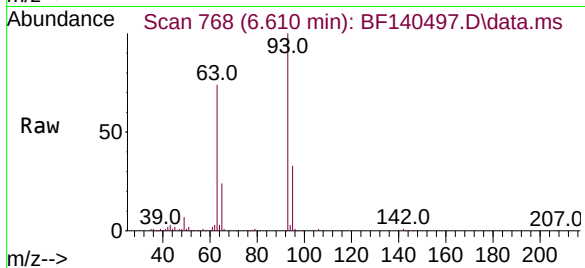
Tgt Ion: 94 Resp: 485275
Ion Ratio Lower Upper
94 100
65 35.3 10.4 50.4
66 54.6 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 51.086 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

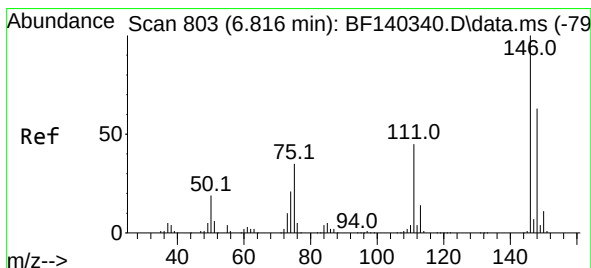
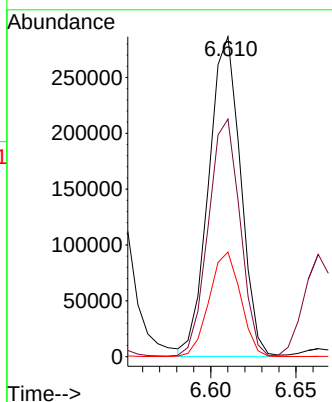
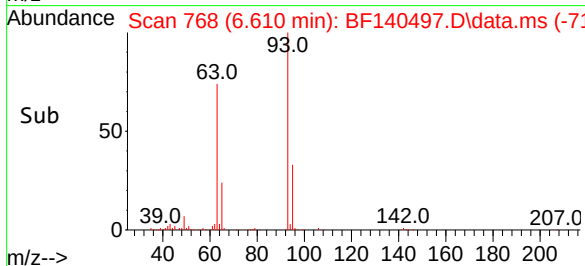
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion: 93 Resp: 37325
Ion Ratio Lower Upper
93 100
63 74.2 54.0 94.0
95 32.7 12.9 52.9

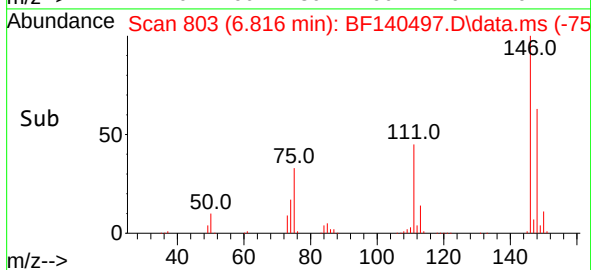
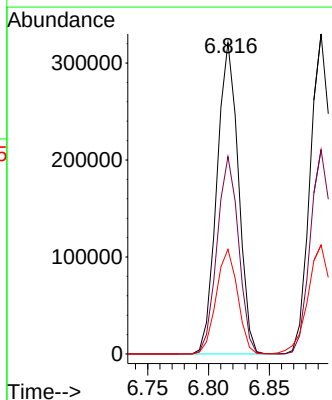
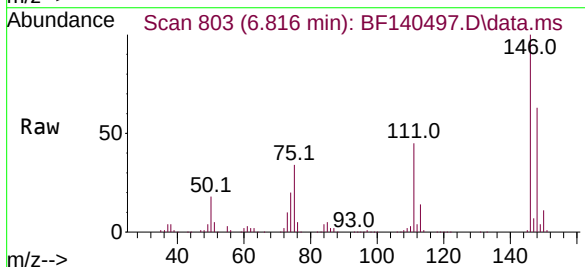
Manual Integrations
APPROVED

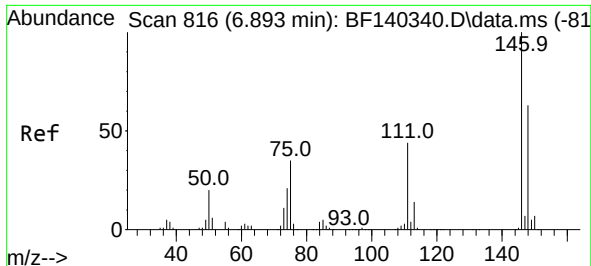
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#12
1,3-Dichlorobenzene
Concen: 49.341 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

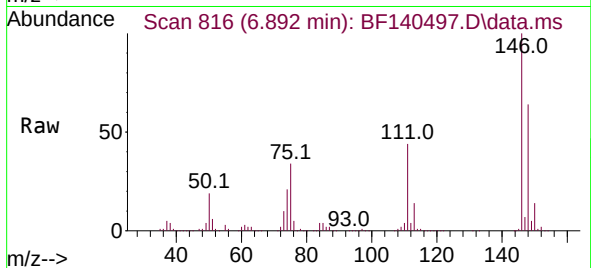
Tgt Ion:146 Resp: 394685
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
75 33.6 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 49.125 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

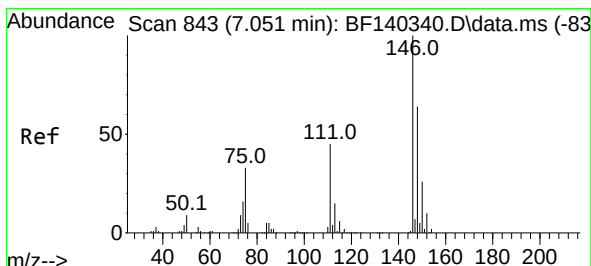
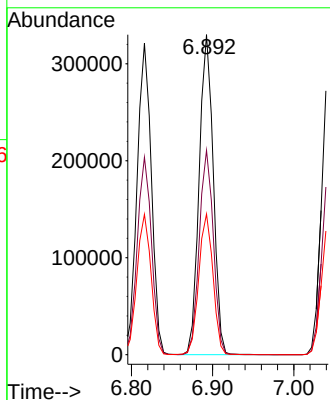
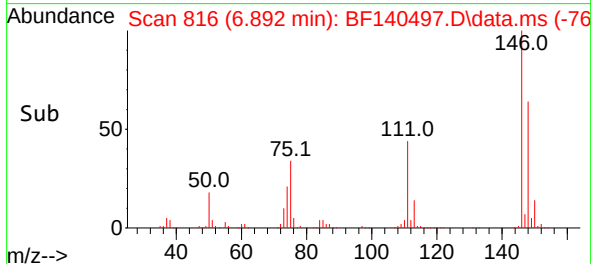
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



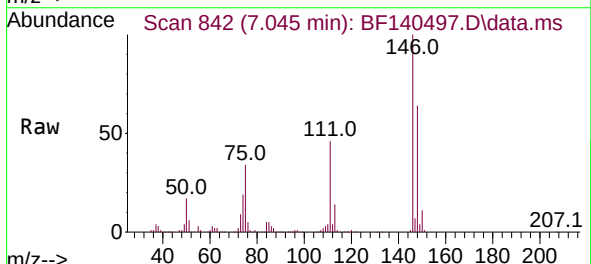
Tgt Ion:146 Resp: 398448
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 44.0 34.2 51.2

Manual Integrations
APPROVED

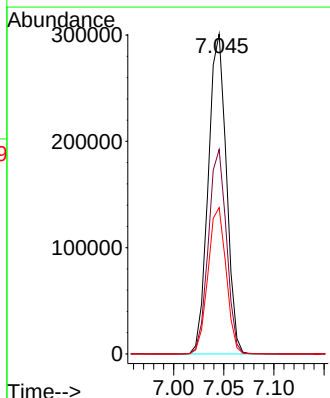
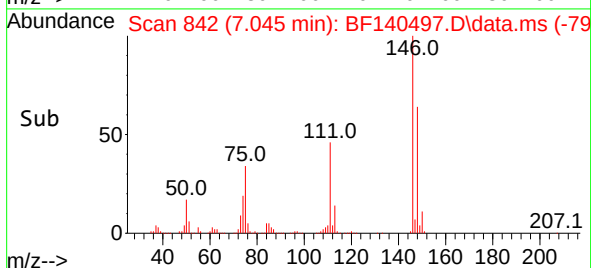
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

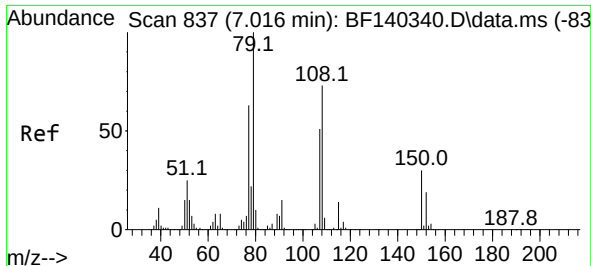


#14
1,2-Dichlorobenzene
Concen: 50.231 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



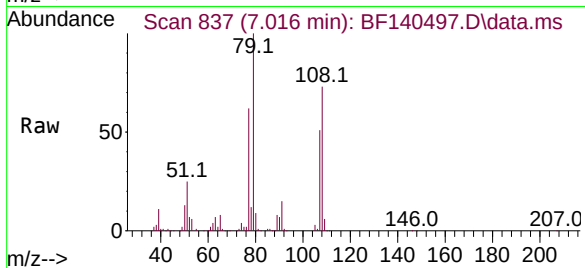
Tgt Ion:146 Resp: 378219
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 45.7 36.5 54.7





#15
Benzyl Alcohol
Concen: 50.847 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

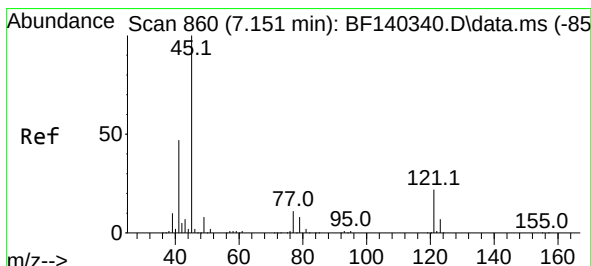
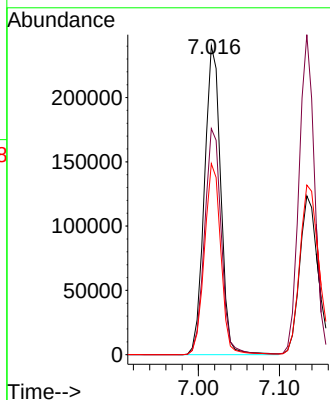
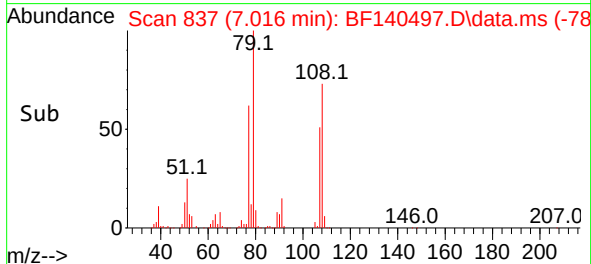
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion: 79 Resp: 33497
Ion Ratio Lower Upper
79 100
108 73.2 57.8 86.6
77 61.9 49.8 74.6

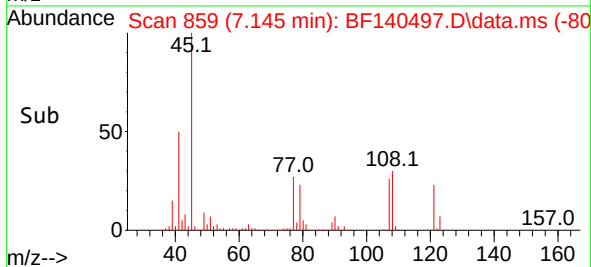
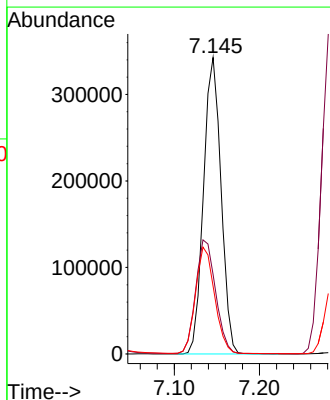
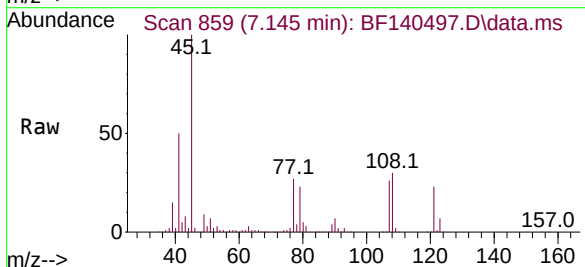
Manual Integrations
APPROVED

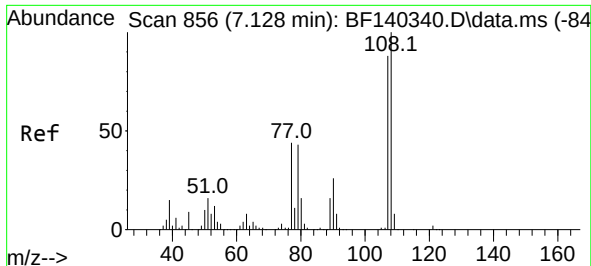
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.416 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

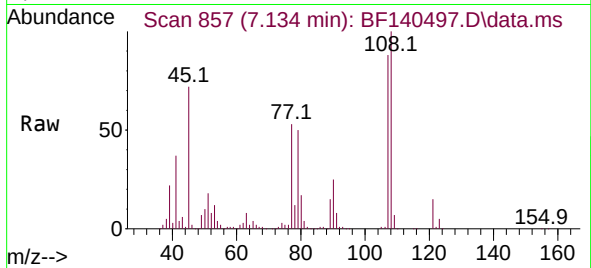
Tgt Ion: 45 Resp: 488625
Ion Ratio Lower Upper
45 100
77 26.8 0.0 34.8
79 22.9 0.0 31.4





#17
2-Methylphenol
Concen: 49.036 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

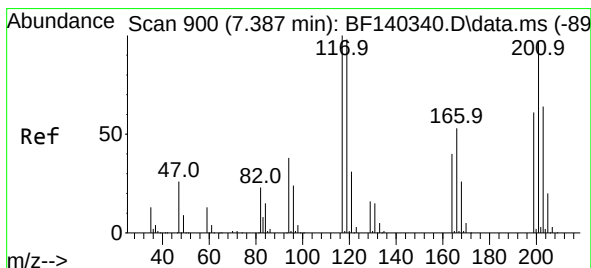
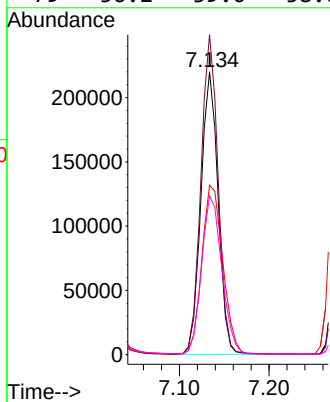
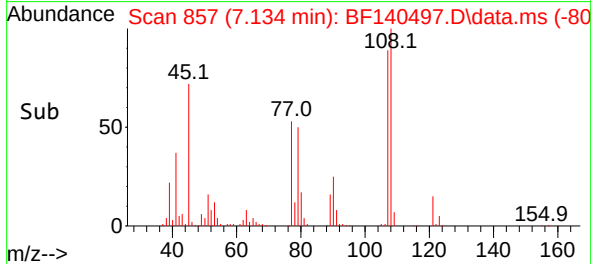
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:107 Resp: 292445
Ion Ratio Lower Upper
107 100
108 113.2 91.9 137.9
77 60.0 39.7 59.5
79 56.2 39.0 58.6

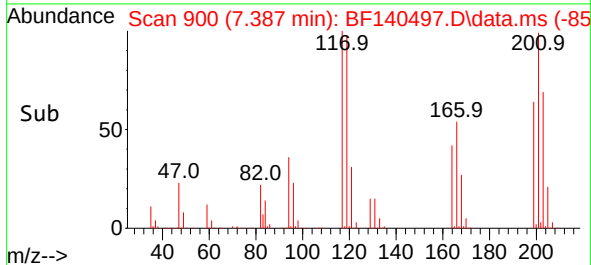
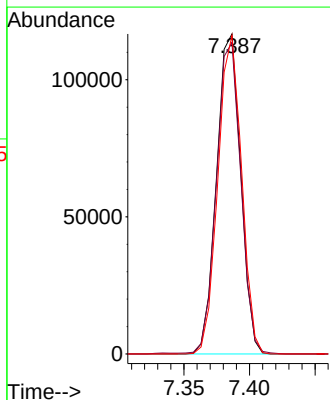
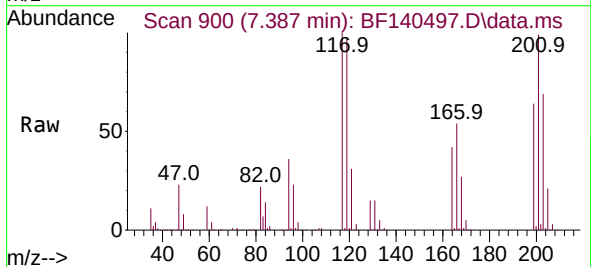
Manual Integrations
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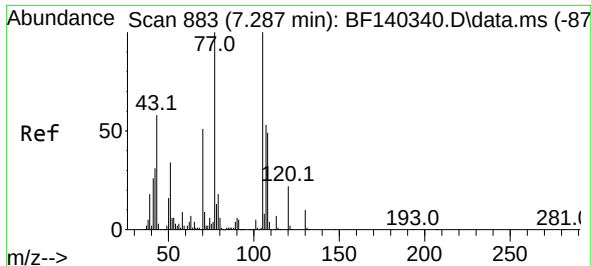
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#18
Hexachloroethane
Concen: 49.754 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion:117 Resp: 149187
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3
201 99.5 80.2 120.4





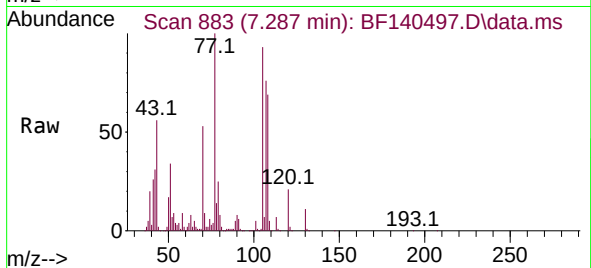
#19
n-Nitroso-di-n-propylamine
Concen: 47.595 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD



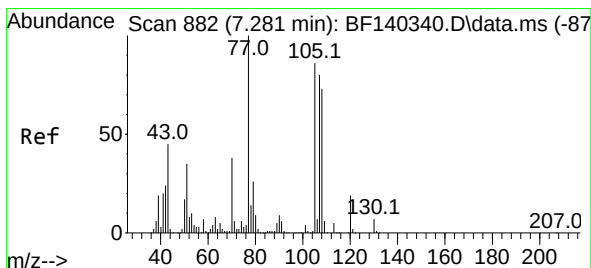
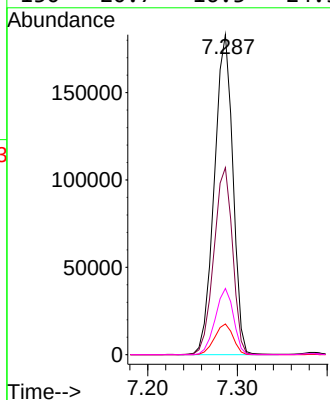
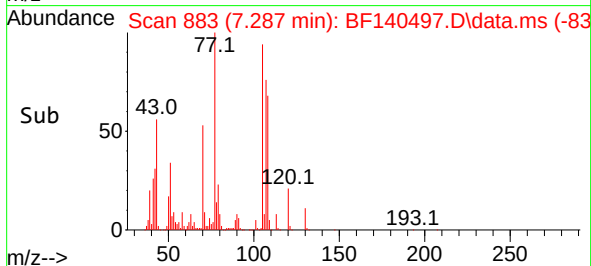
Tgt Ion: 70 Resp: 262840
Ion Ratio Lower Upper
70 100
42 58.4 46.8 70.2
101 9.6 7.5 11.3
130 20.7 16.3 24.5

Manual Integrations

APPROVED

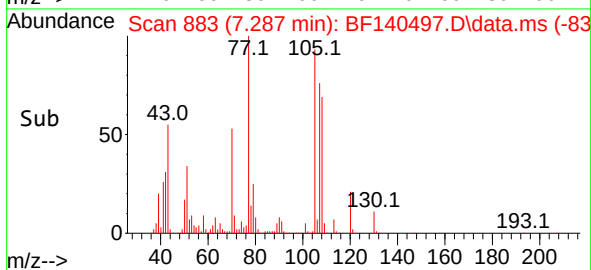
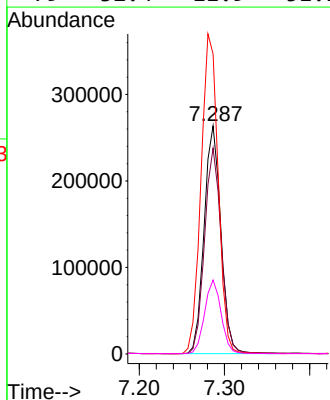
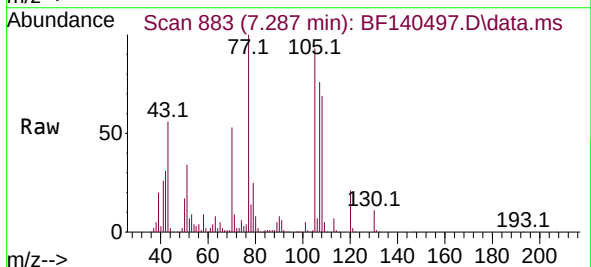
Reviewed By :Yogesh Patel 11/22/2024

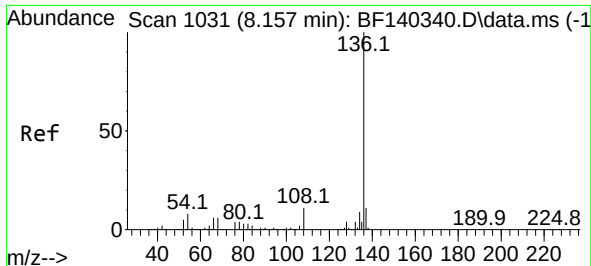
Supervised By :mohammad ahmed 11/22/2024



#20
3+4-Methylphenols
Concen: 48.207 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion:107 Resp: 359547
Ion Ratio Lower Upper
107 100
108 90.2 71.4 111.4
77 131.5 97.0 137.0
79 32.4 11.9 51.9





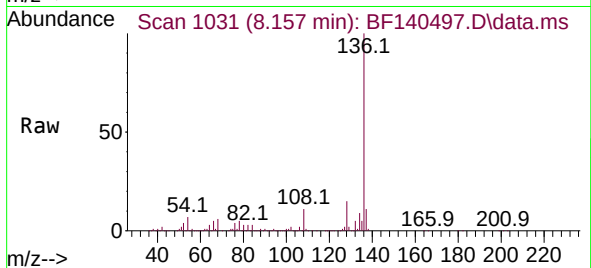
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD



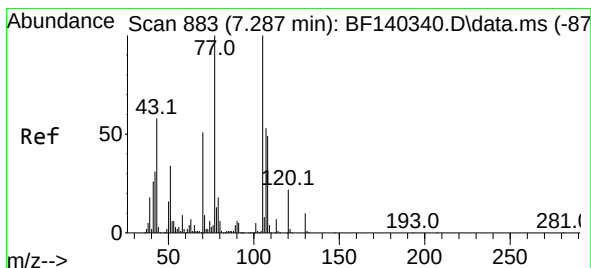
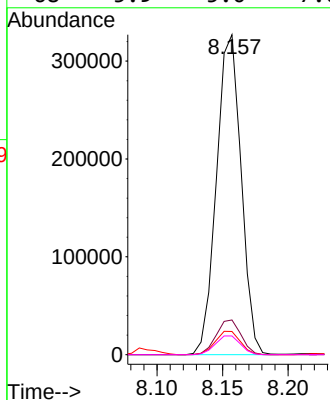
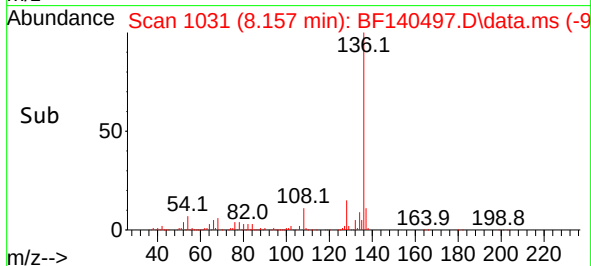
Tgt Ion:136 Resp: 427479
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.3 6.5 9.7
68 5.9 5.0 7.6

Manual Integrations

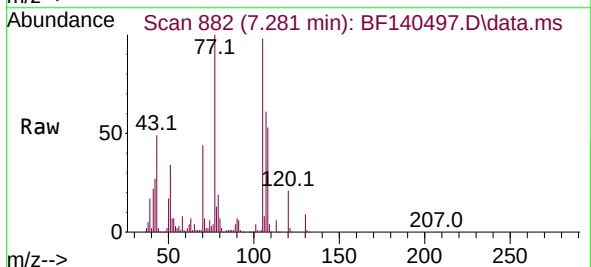
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

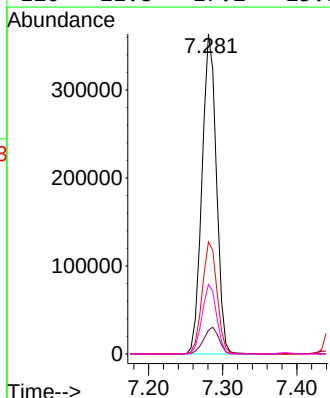
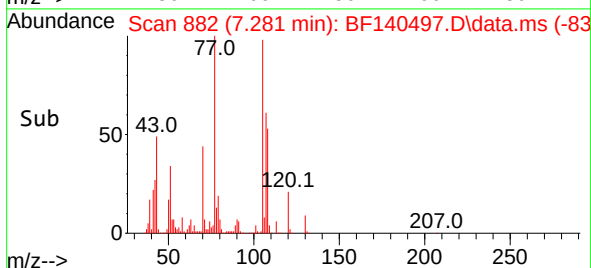
Supervised By :mohammad ahmed 11/22/2024

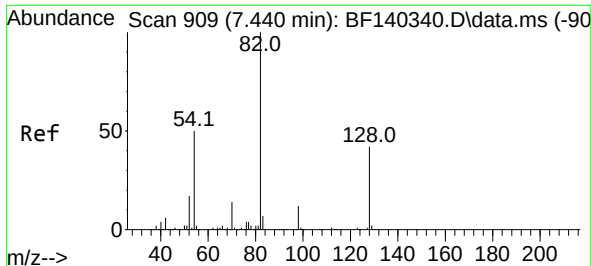


#22
Acetophenone
Concen: 49.428 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



Tgt Ion:105 Resp: 491432
Ion Ratio Lower Upper
105 100
71 7.5 6.9 10.3
51 35.1 28.6 43.0
120 21.8 17.2 25.8





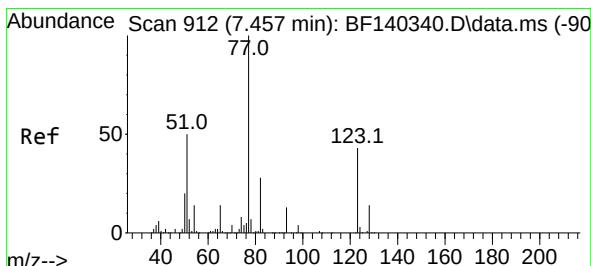
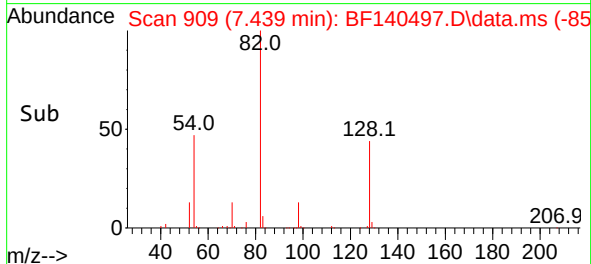
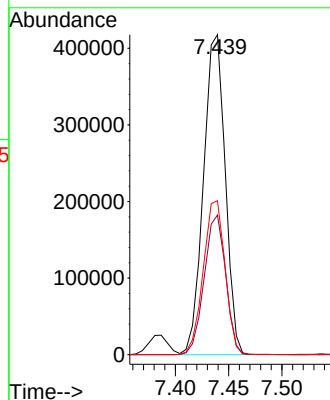
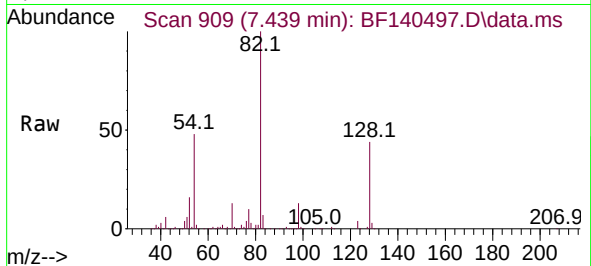
#23
Nitrobenzene-d5
Concen: 72.217 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion: 82 Resp: 592509
Ion Ratio Lower Upper
82 100
128 43.7 33.3 49.9
54 48.1 39.8 59.8

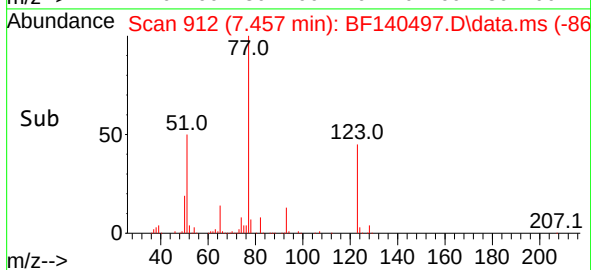
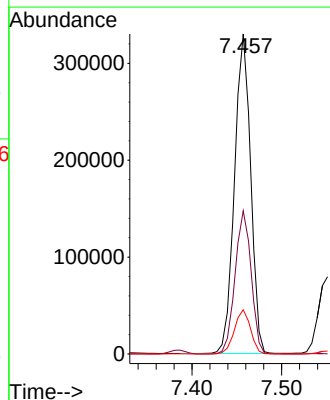
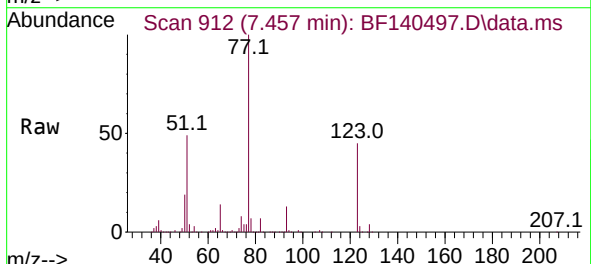
Manual Integrations
APPROVED

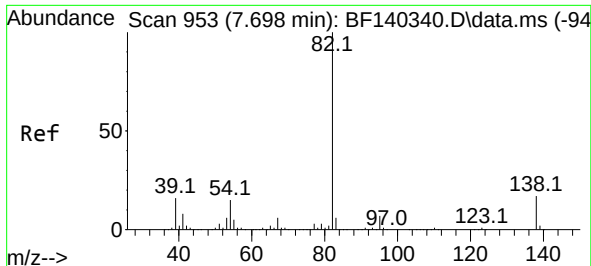
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#24
Nitrobenzene
Concen: 48.198 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion: 77 Resp: 411726
Ion Ratio Lower Upper
77 100
123 44.8 35.4 53.0
65 13.8 11.1 16.7





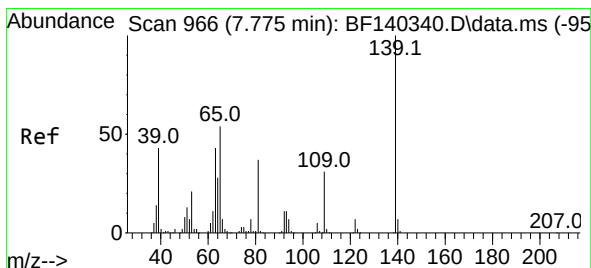
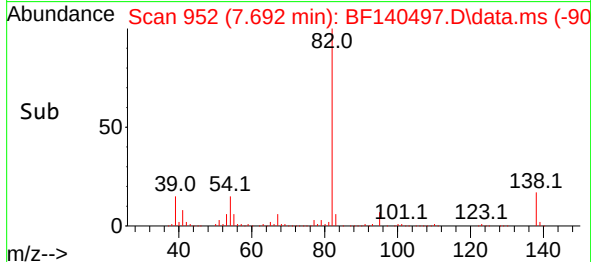
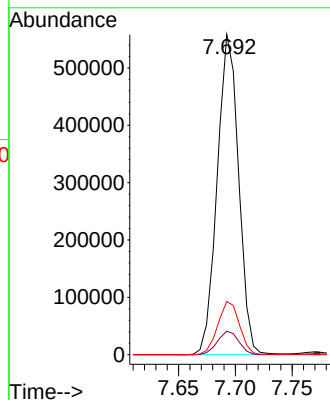
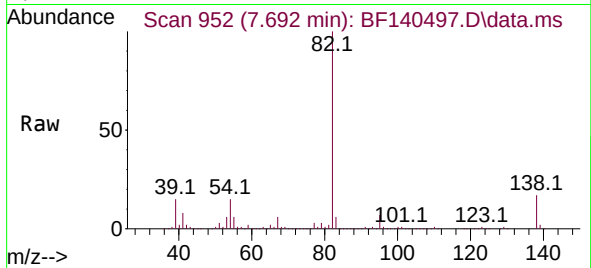
#25
Isophorone
Concen: 50.480 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion: 82 Resp: 734030
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 16.6 13.4 20.2

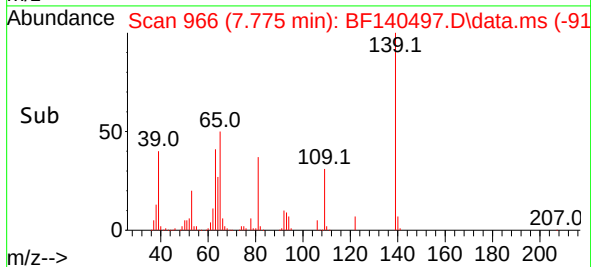
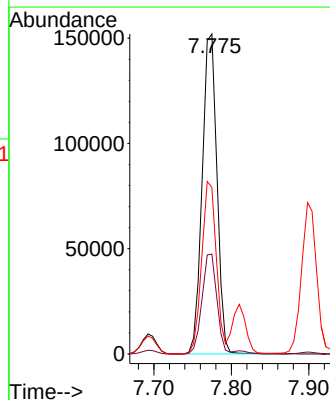
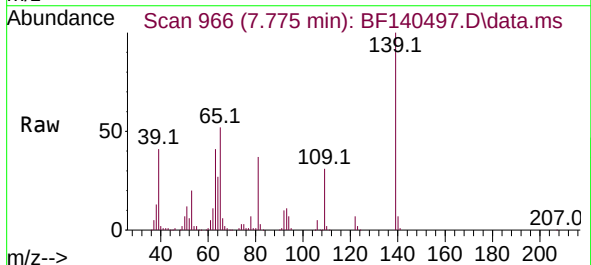
Manual Integrations
APPROVED

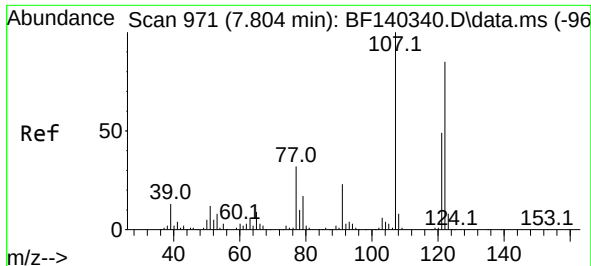
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#26
2-Nitrophenol
Concen: 53.142 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

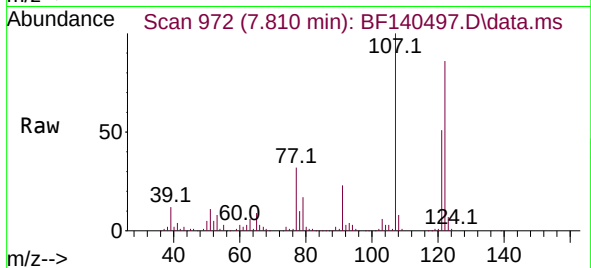
Tgt Ion:139 Resp: 201445
Ion Ratio Lower Upper
139 100
109 31.2 24.4 36.6
65 52.0 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 61.025 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

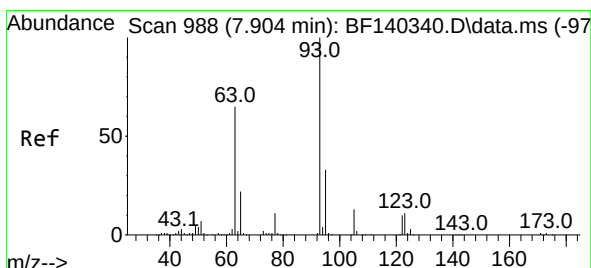
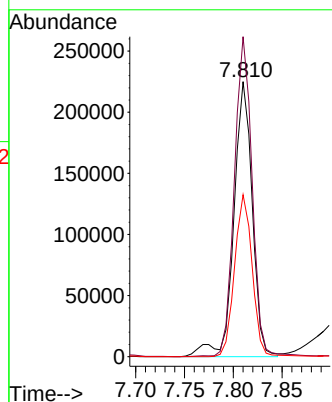
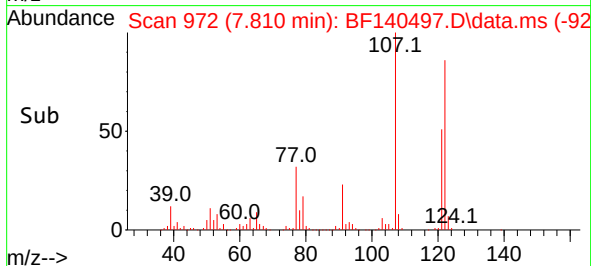
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:122 Resp: 296159
Ion Ratio Lower Upper
122 100
107 116.3 91.3 136.9
121 58.9 45.5 68.3

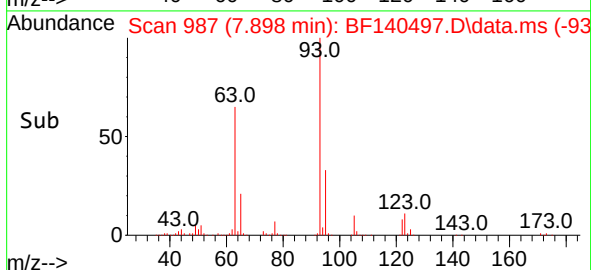
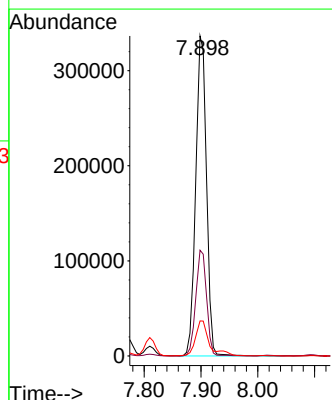
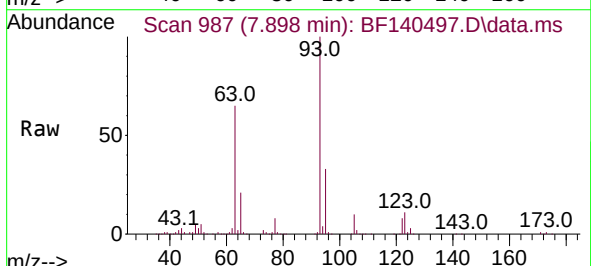
Manual Integrations
APPROVED

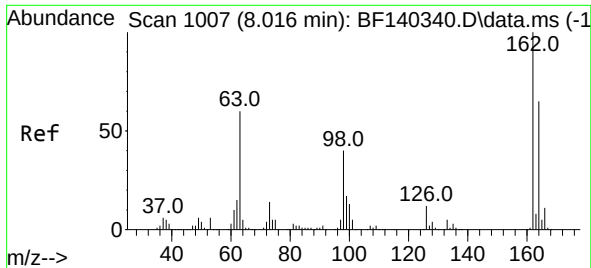
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.027 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion: 93 Resp: 446049
Ion Ratio Lower Upper
93 100
95 33.1 25.9 38.9
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 51.778 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:162 Resp: 310550

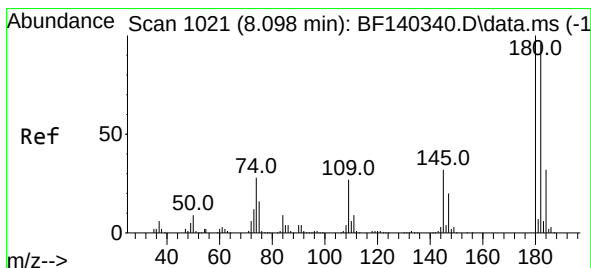
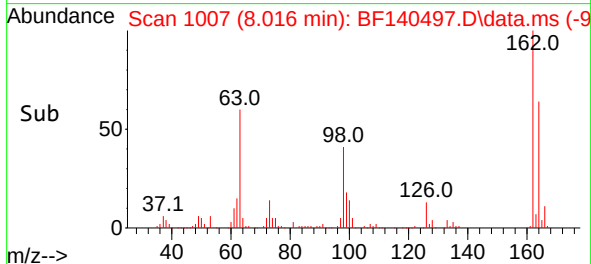
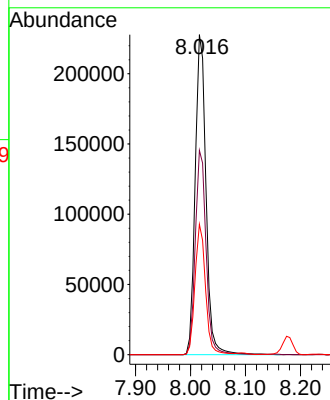
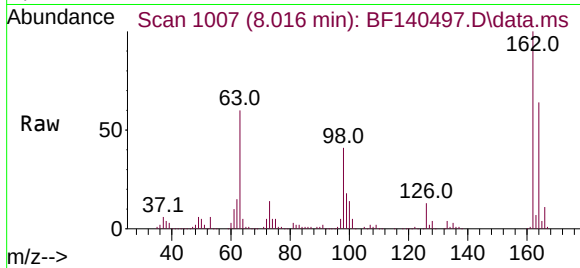
Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.4	85.4
98	40.8	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 49.027 ng

RT: 8.098 min Scan# 1021

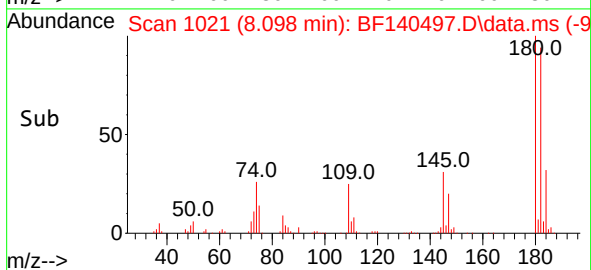
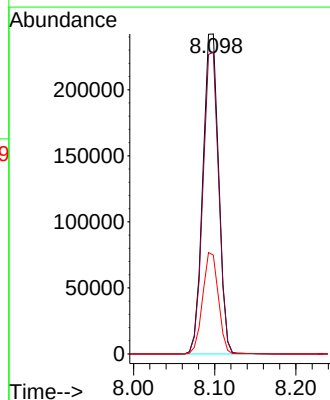
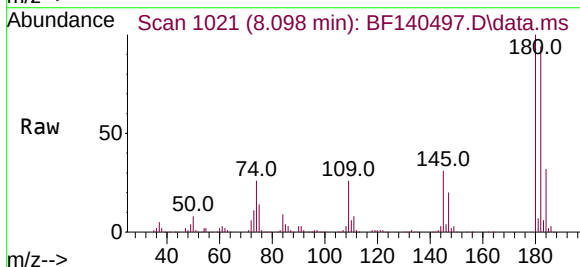
Delta R.T. -0.000 min

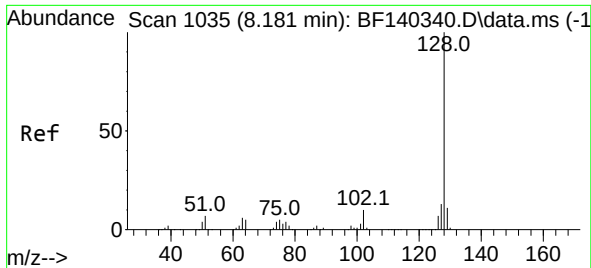
Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Tgt Ion:180 Resp: 327381

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.5	114.7
145	30.9	25.3	37.9





#31
Naphthalene
Concen: 49.240 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

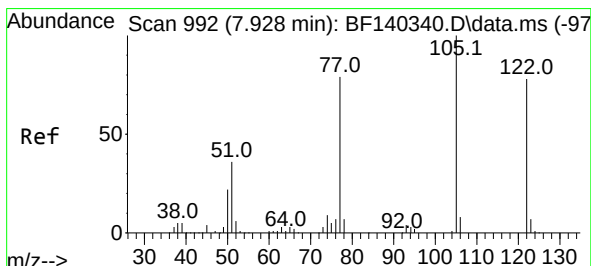
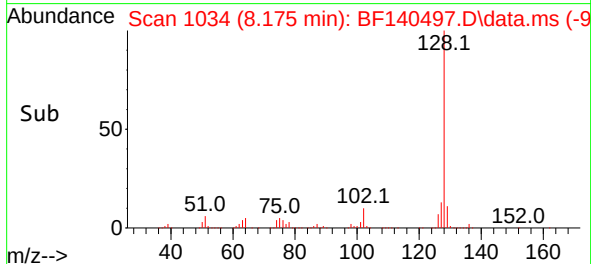
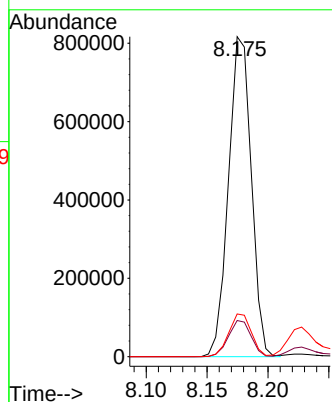
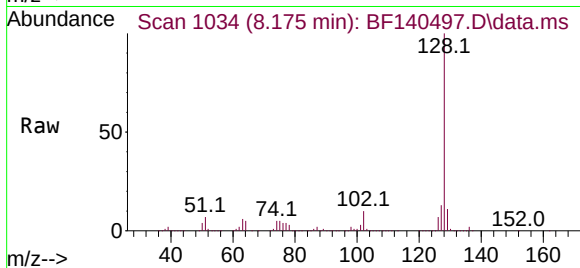
WB-310-BOTMSD

Tgt Ion:128 Resp: 1067784
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations

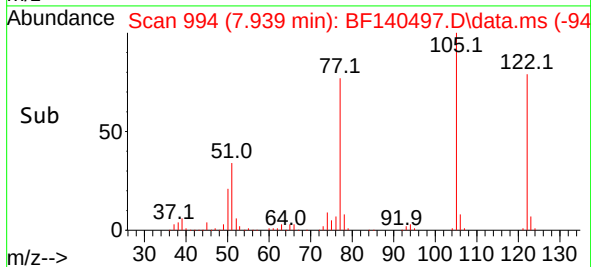
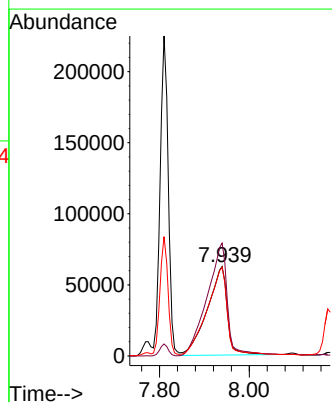
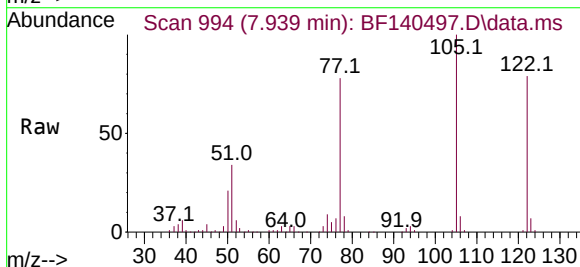
APPROVED

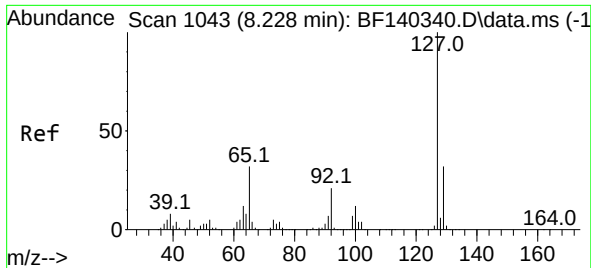
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#32
Benzoic acid
Concen: 45.393 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion:122 Resp: 193846
Ion Ratio Lower Upper
122 100
105 126.2 100.9 140.9
77 99.0 76.0 116.0





#33
4-Chloroaniline
Concen: 20.026 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

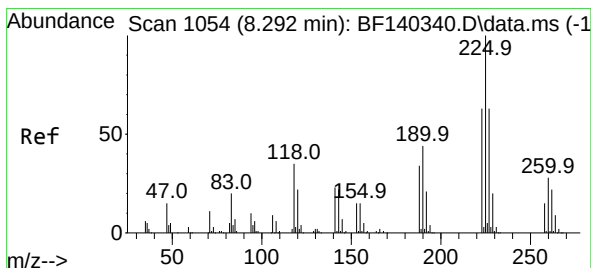
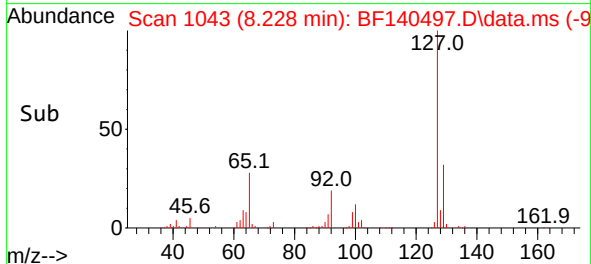
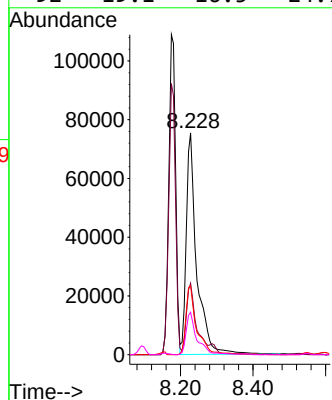
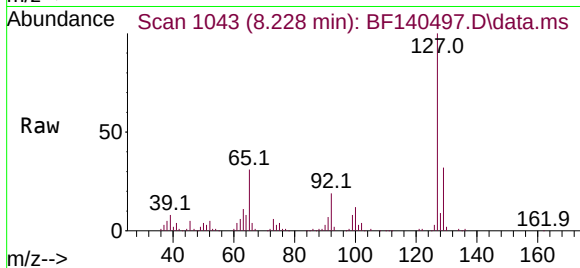
Tgt Ion:127 Resp: 151029
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.4
65 31.1 25.8 38.6
92 19.1 16.5 24.7

Manual Integrations

APPROVED

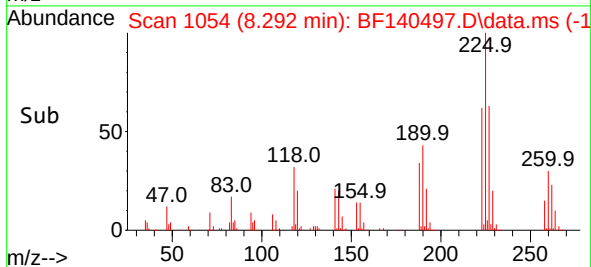
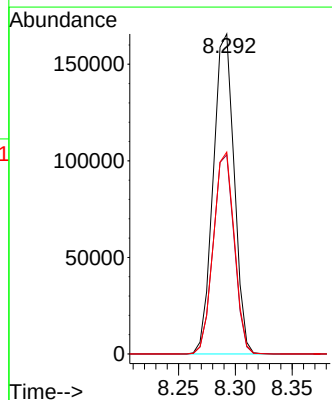
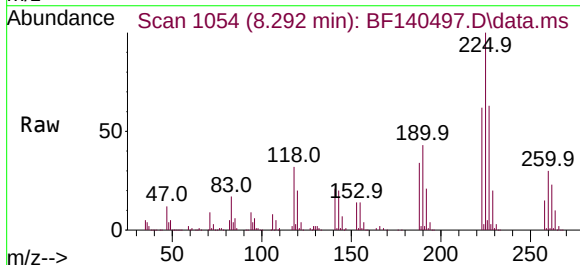
Reviewed By :Yogesh Patel 11/22/2024

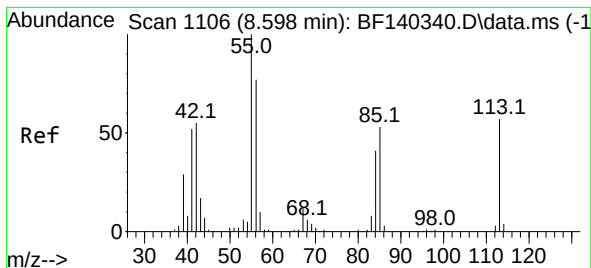
Supervised By :mohammad ahmed 11/22/2024



#34
Hexachlorobutadiene
Concen: 50.010 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion:225 Resp: 212771
Ion Ratio Lower Upper
225 100
223 62.3 50.1 75.1
227 63.1 51.3 76.9





#35

Caprolactam

Concen: 49.470 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:113 Resp: 98618

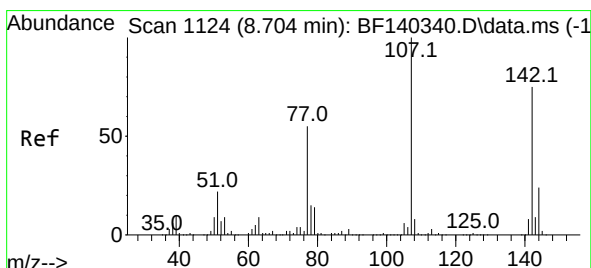
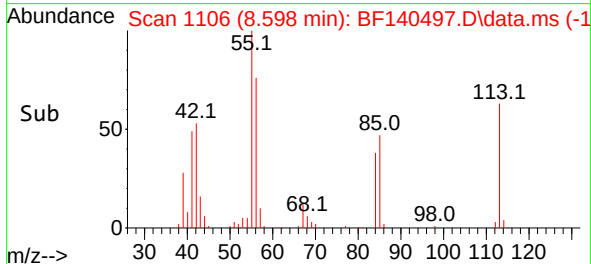
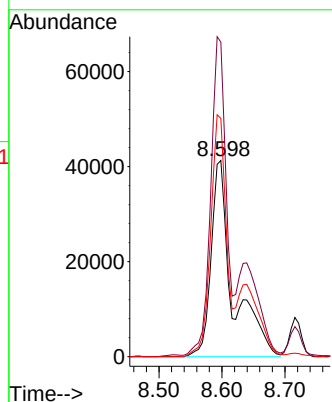
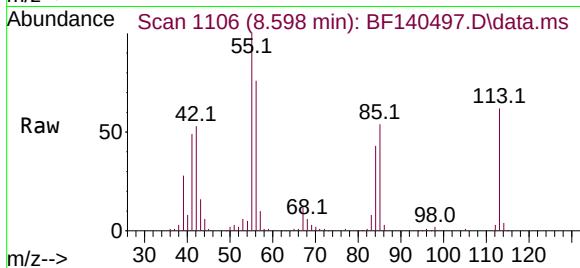
Ion	Ratio	Lower	Upper
113	100		
55	160.4	150.0	190.0
56	121.5	111.1	151.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#36

4-Chloro-3-methylphenol

Concen: 50.254 ng

RT: 8.716 min Scan# 1126

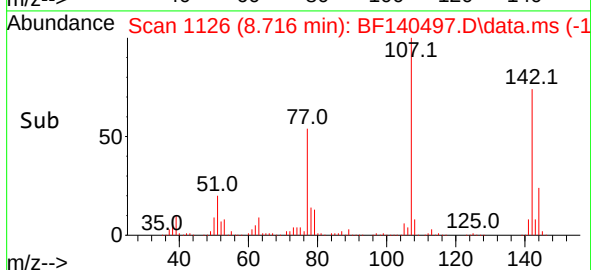
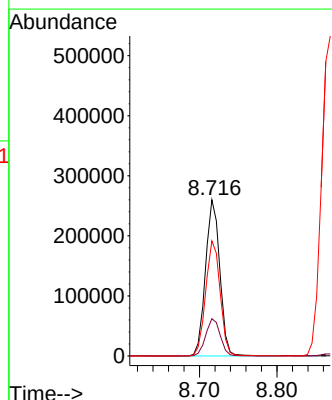
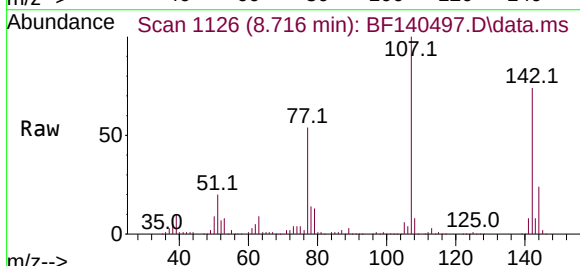
Delta R.T. 0.012 min

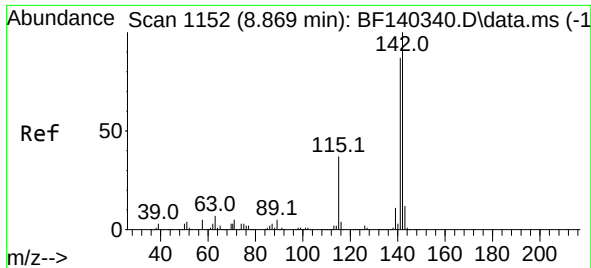
Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Tgt Ion:107 Resp: 334024

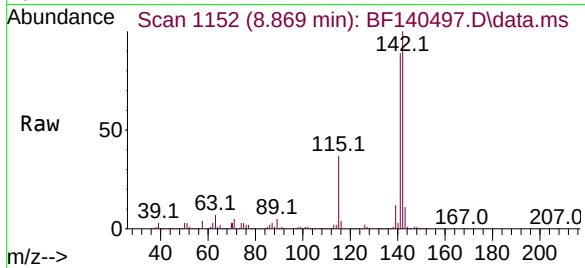
Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.3	28.9
142	73.7	59.4	89.0





#37
2-Methylnaphthalene
Concen: 49.557 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

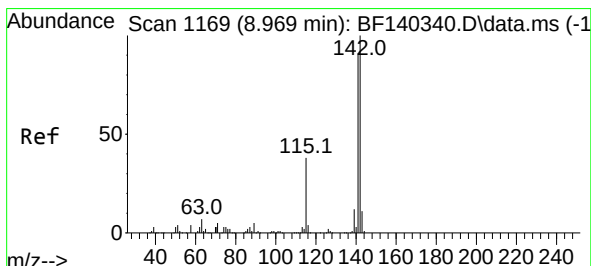
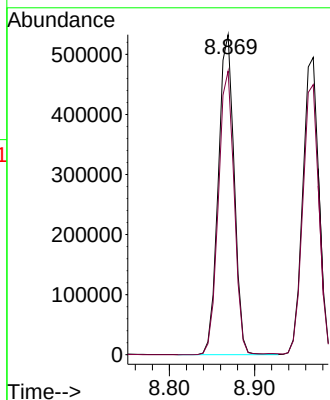
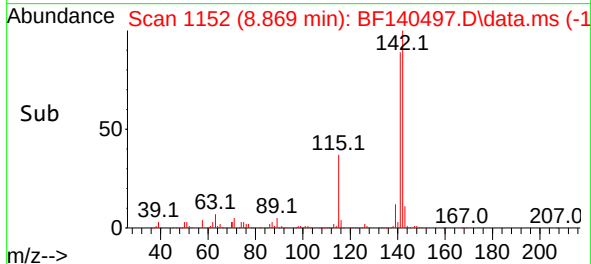
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:142 Resp: 68908
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6

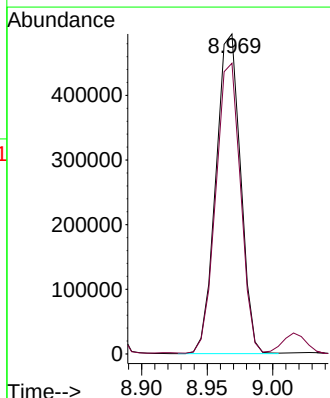
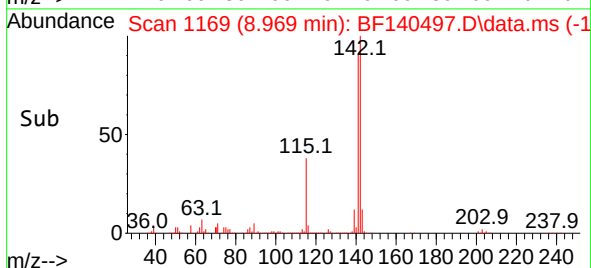
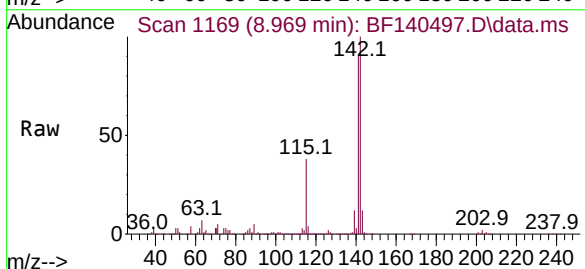
Manual Integrations
APPROVED

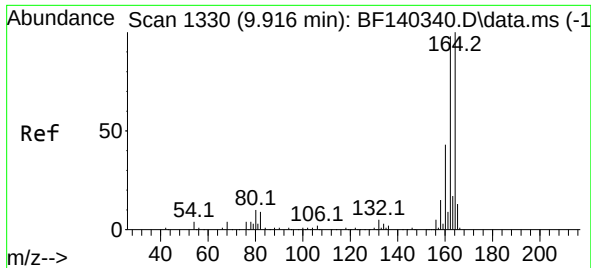
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#38
1-Methylnaphthalene
Concen: 47.593 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

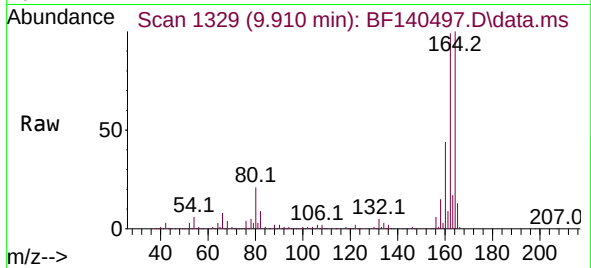
Tgt Ion:142 Resp: 648042
Ion Ratio Lower Upper
142 100
141 90.9 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

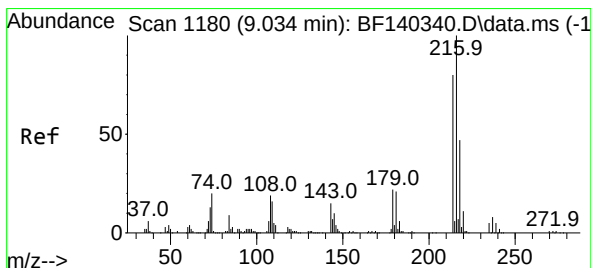
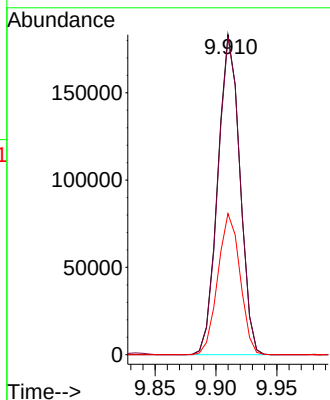
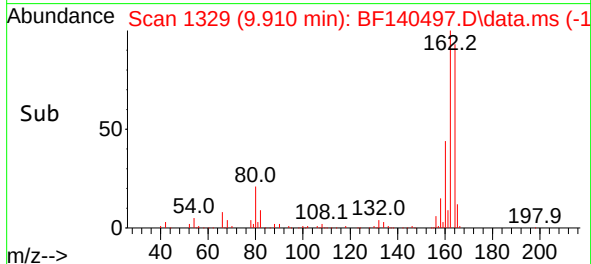
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:164 Resp: 231375
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.8
160 44.1 35.4 53.0

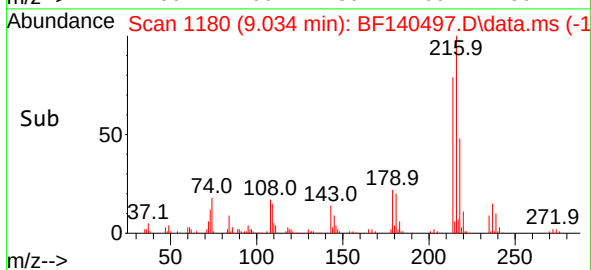
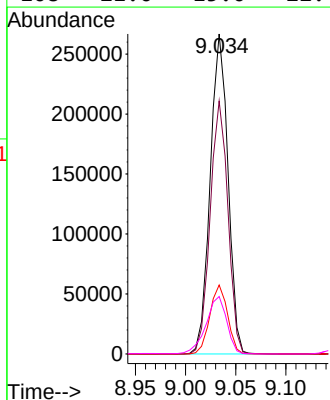
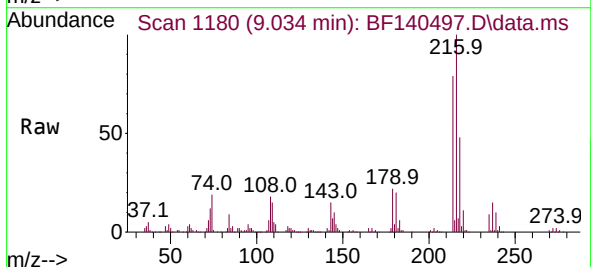
Manual Integrations
APPROVED

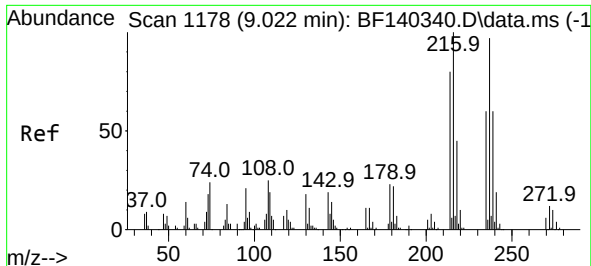
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.431 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

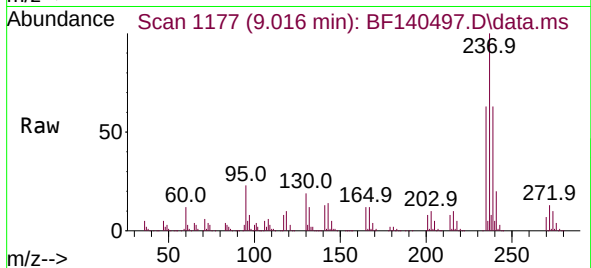
Tgt Ion:216 Resp: 329073
Ion Ratio Lower Upper
216 100
214 78.9 63.2 94.8
179 21.5 17.2 25.8
108 21.0 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 202.539 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

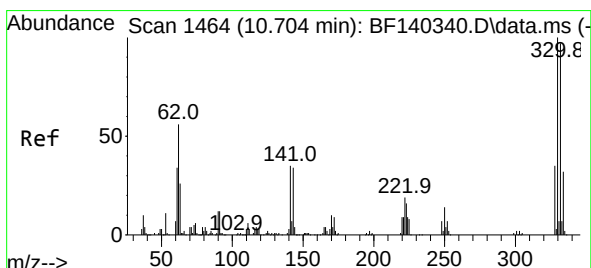
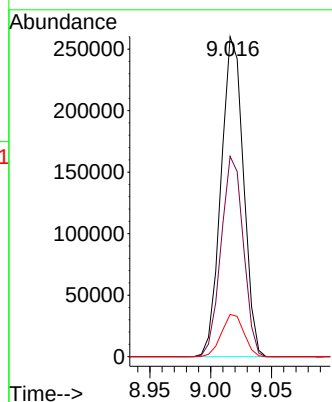
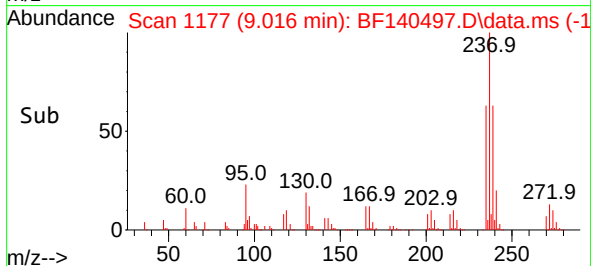
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:237 Resp: 332720
Ion Ratio Lower Upper
237 100
235 62.6 42.8 82.8
272 13.2 0.0 33.1

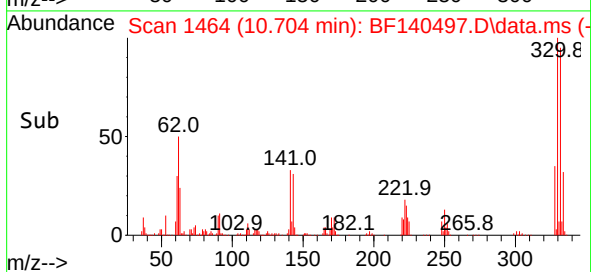
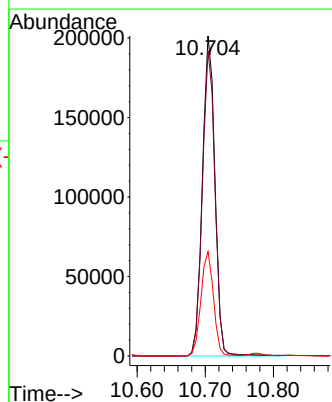
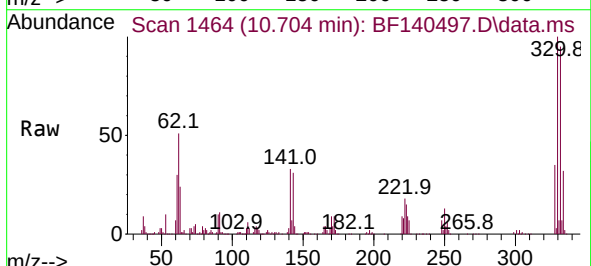
Manual Integrations
APPROVED

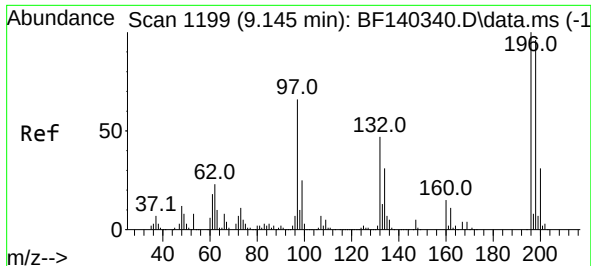
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#42
2,4,6-Tribromophenol
Concen: 112.228 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion:330 Resp: 258218
Ion Ratio Lower Upper
330 100
332 95.6 75.9 113.9
141 32.6 26.9 40.3





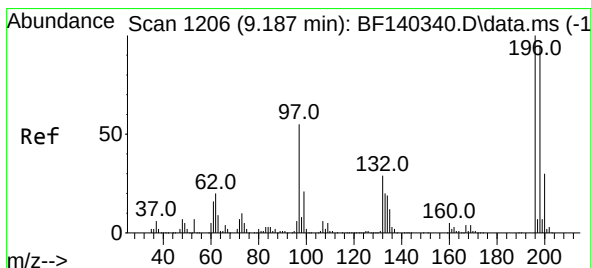
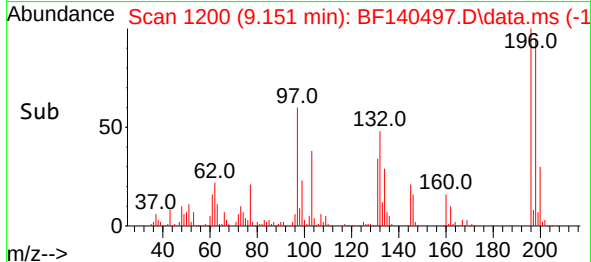
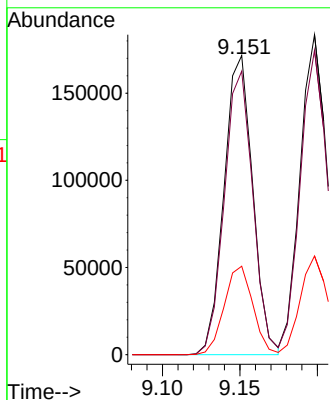
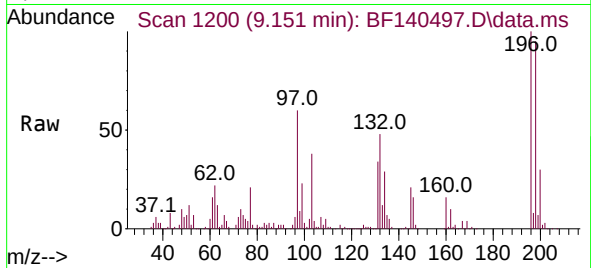
#43
2,4,6-Trichlorophenol
Concen: 52.560 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion:196 Resp: 22069
Ion Ratio Lower Upper
196 100
198 94.8 77.0 115.4
200 29.6 24.2 36.4

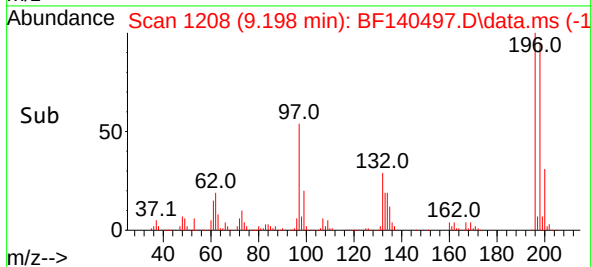
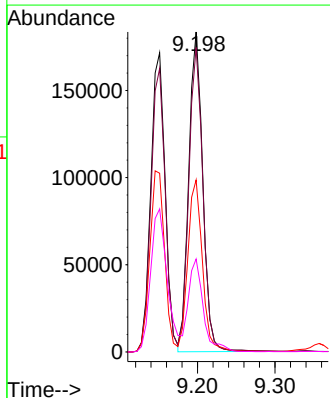
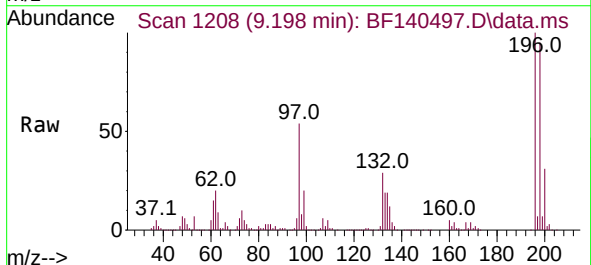
Manual Integrations
APPROVED

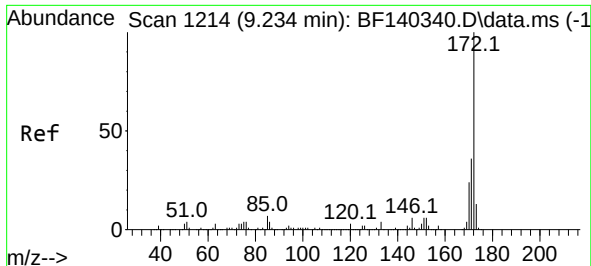
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#44
2,4,5-Trichlorophenol
Concen: 50.220 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

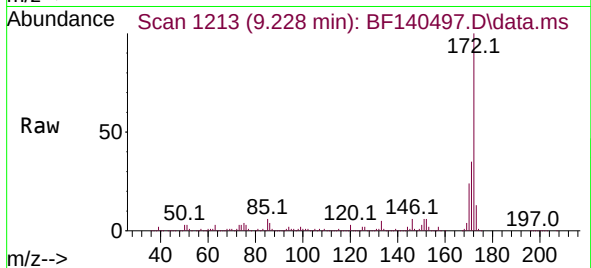
Tgt Ion:196 Resp: 230550
Ion Ratio Lower Upper
196 100
198 95.2 77.6 116.4
97 53.8 45.4 68.2
132 29.0 24.2 36.2





#45
2-Fluorobiphenyl
Concen: 75.370 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

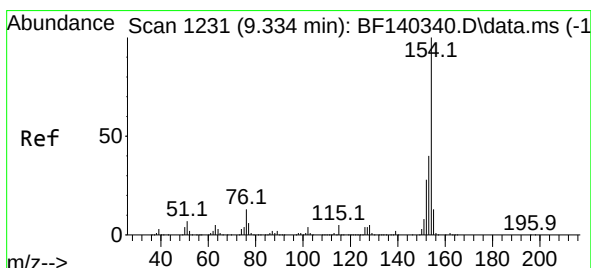
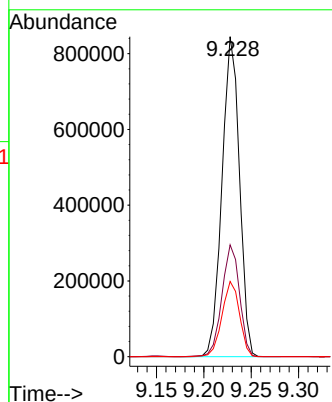
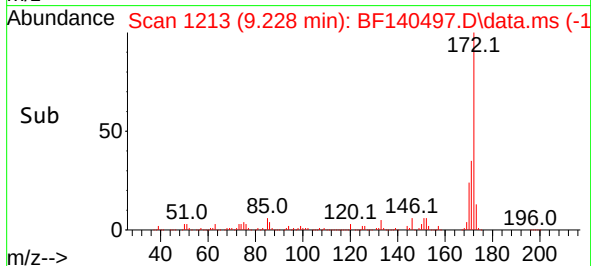
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



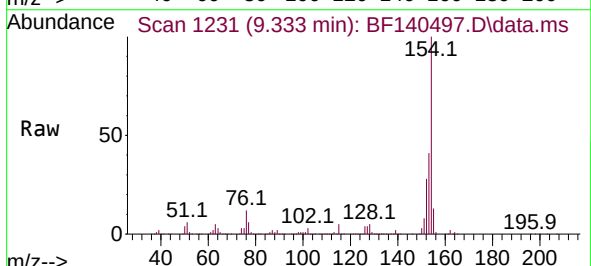
Tgt Ion:172 Resp: 108480
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 19.1 28.7

Manual Integrations
APPROVED

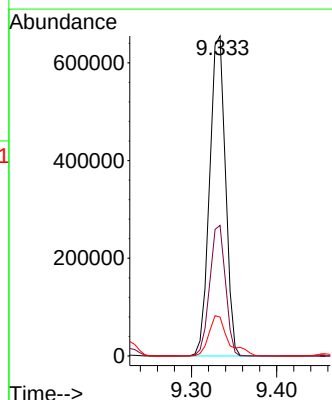
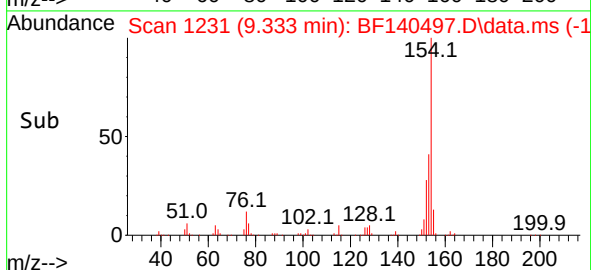
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

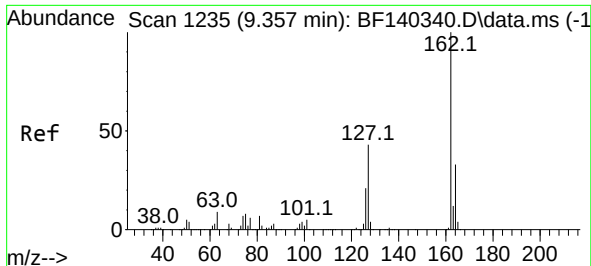


#46
1,1'-Biphenyl
Concen: 50.272 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



Tgt Ion:154 Resp: 846207
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 12.1 0.0 32.9





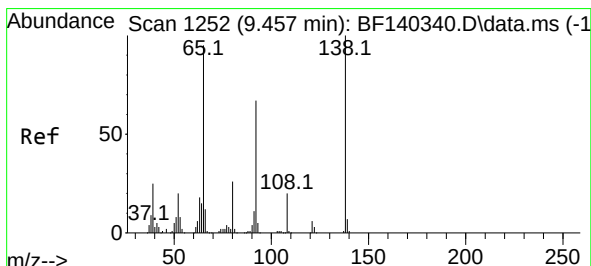
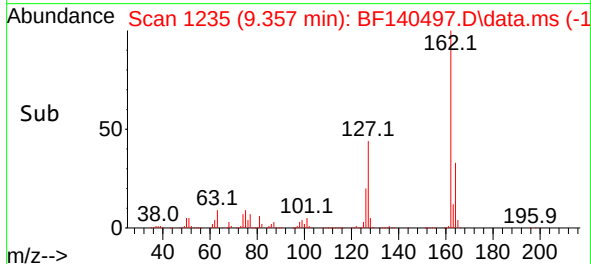
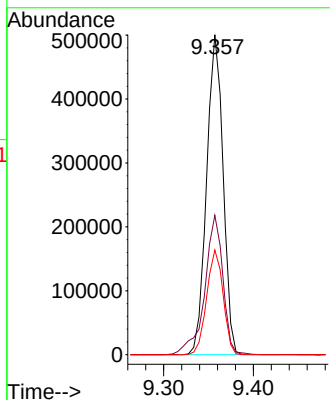
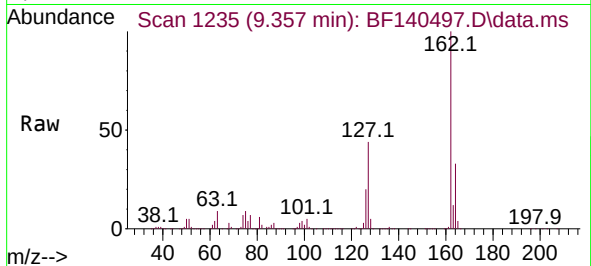
#47
2-Chloronaphthalene
Concen: 49.799 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion:162 Resp: 63854
Ion Ratio Lower Upper
162 100
127 43.5 34.0 51.0
164 32.7 26.5 39.7

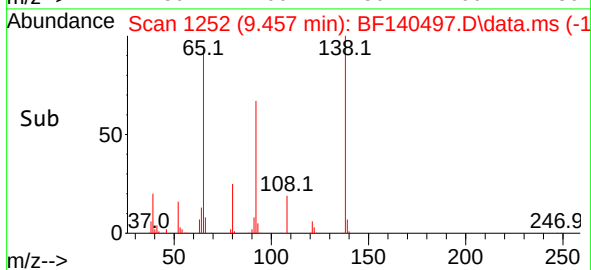
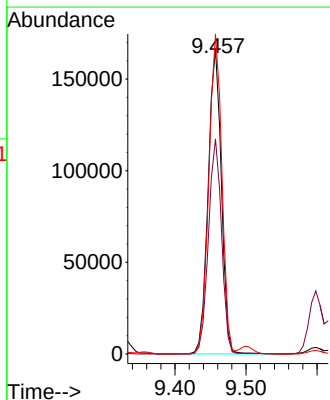
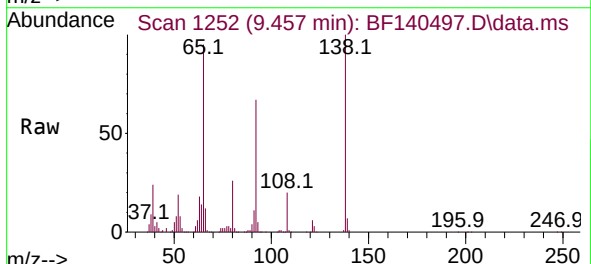
Manual Integrations
APPROVED

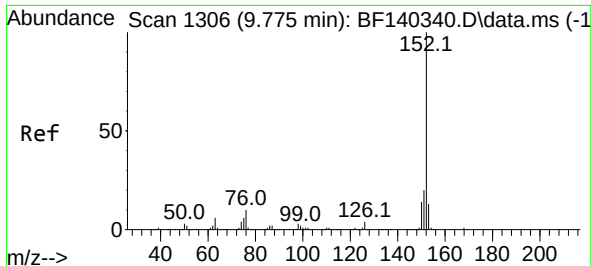
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#48
2-Nitroaniline
Concen: 50.667 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion: 65 Resp: 215455
Ion Ratio Lower Upper
65 100
92 70.5 56.4 84.6
138 104.8 84.8 127.2





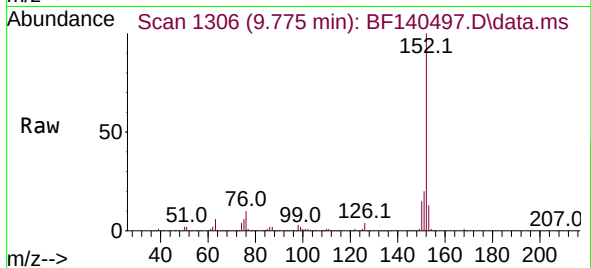
#49
Acenaphthylene
Concen: 53.896 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD



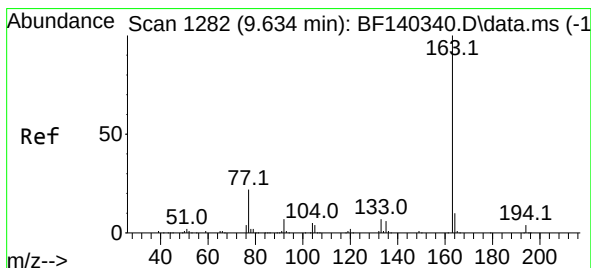
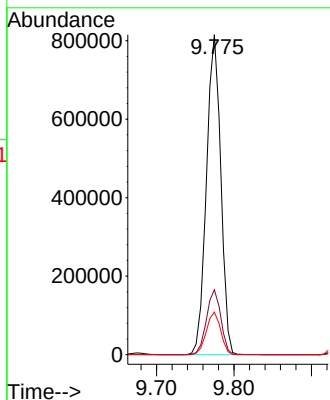
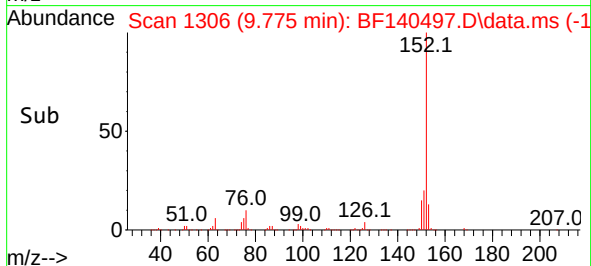
Tgt Ion:152 Resp: 104559
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.3 10.7 16.1

Manual Integrations

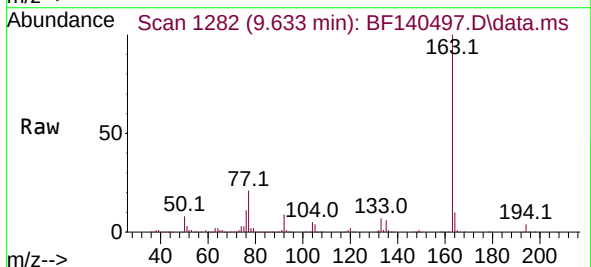
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

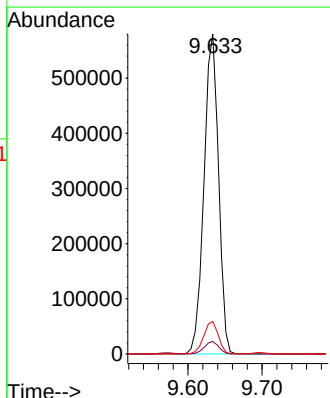
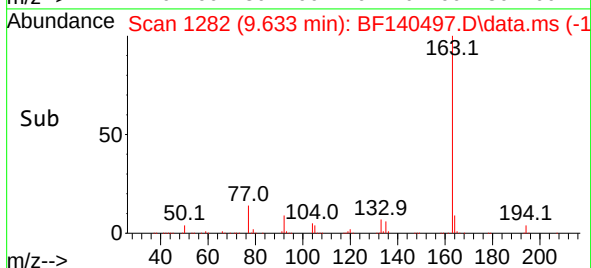
Supervised By :mohammad ahmed 11/22/2024

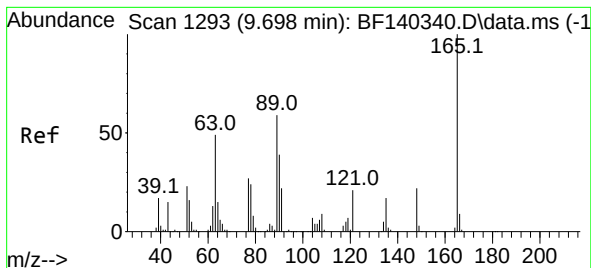


#50
Dimethylphthalate
Concen: 52.502 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



Tgt Ion:163 Resp: 791800
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.2 12.4





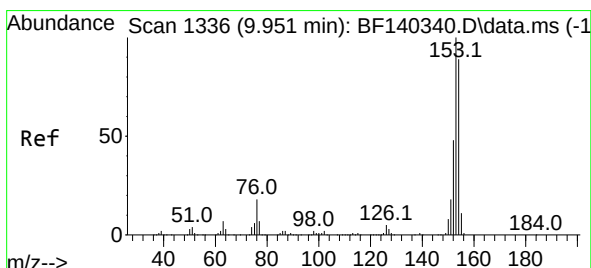
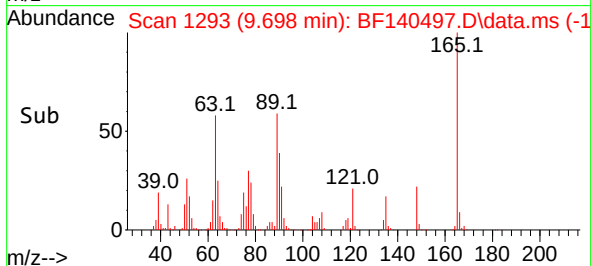
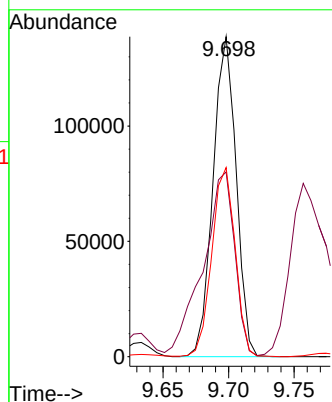
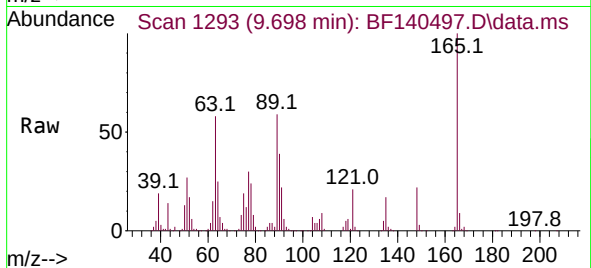
#51
2,6-Dinitrotoluene
Concen: 49.407 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion:165 Resp: 169868
Ion Ratio Lower Upper
165 100
63 57.8 47.6 71.4
89 59.1 48.1 72.1

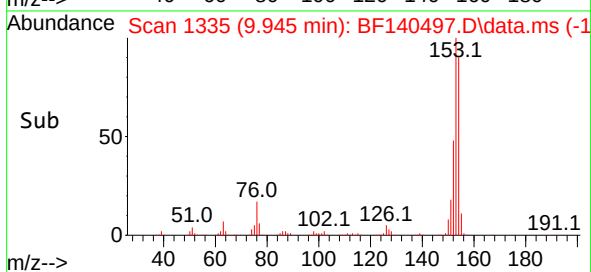
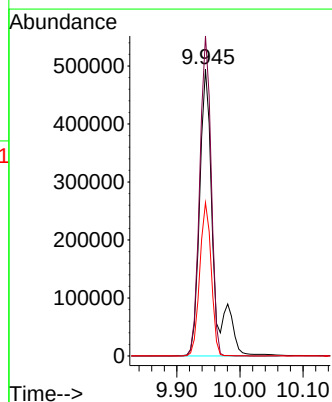
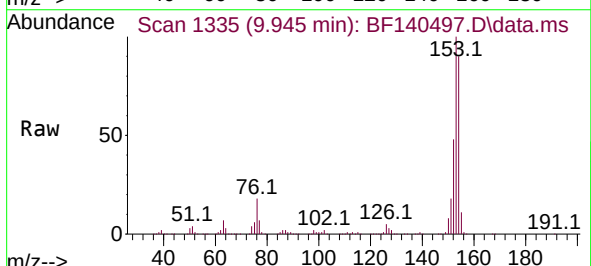
Manual Integrations
APPROVED

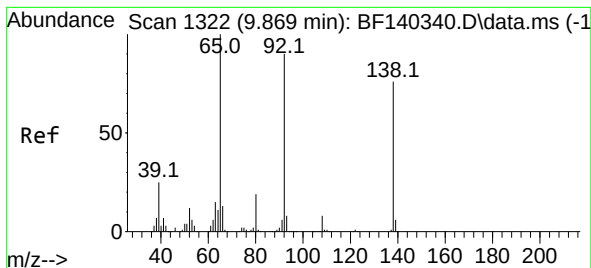
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#52
Acenaphthene
Concen: 57.014 ng m
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion:154 Resp: 747063
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.8
152 53.5 42.6 64.0





#53

3-Nitroaniline

Concen: 32.493 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

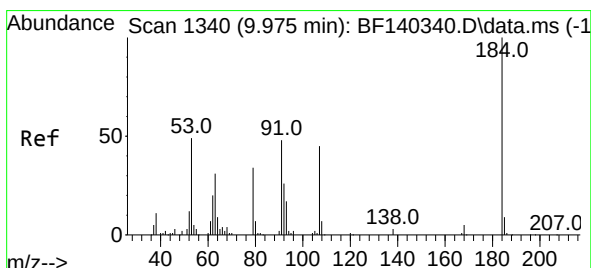
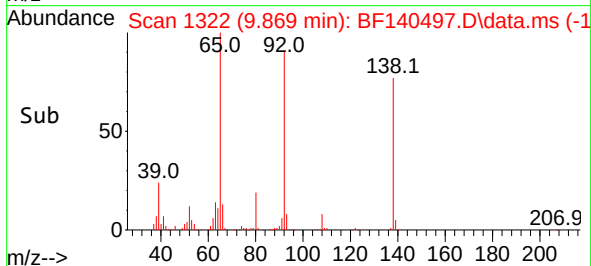
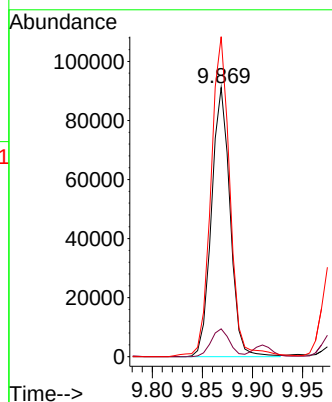
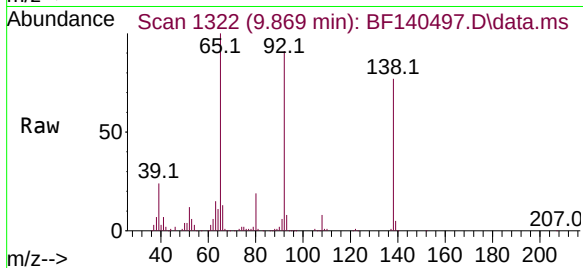
Tgt Ion:138 Resp: 117324
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.4 12.6
 92 118.9 95.5 143.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#54

2,4-Dinitrophenol

Concen: 101.720 ng

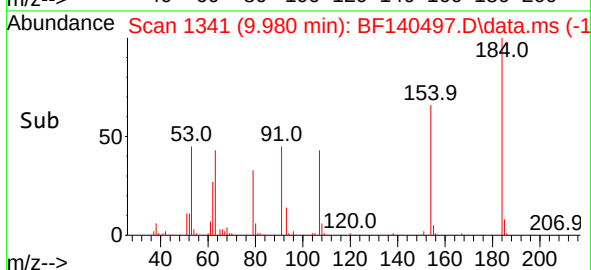
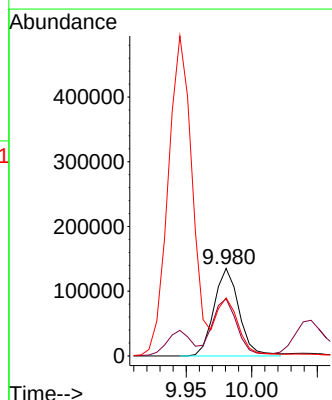
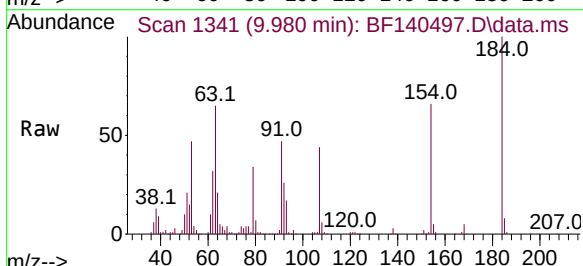
RT: 9.980 min Scan# 1341

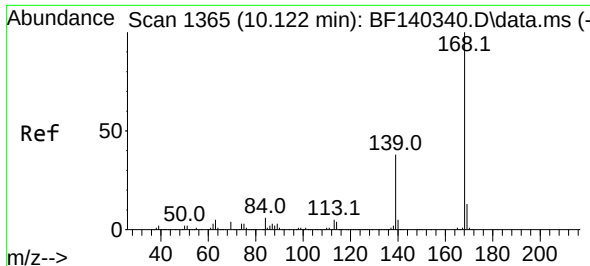
Delta R.T. 0.005 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

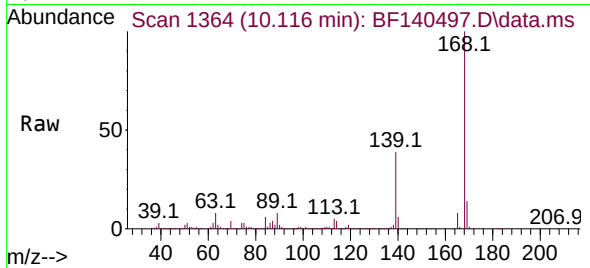
Tgt Ion:184 Resp: 180348
 Ion Ratio Lower Upper
 184 100
 63 65.3 53.5 80.3
 154 66.3 51.3 76.9





#55
Dibenzofuran
Concen: 51.712 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

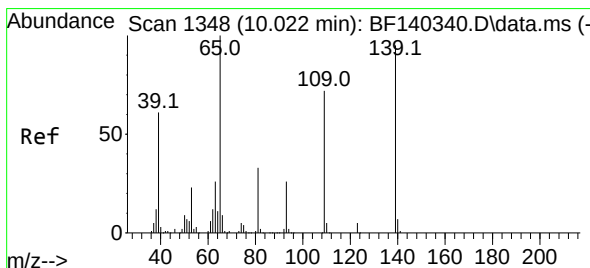
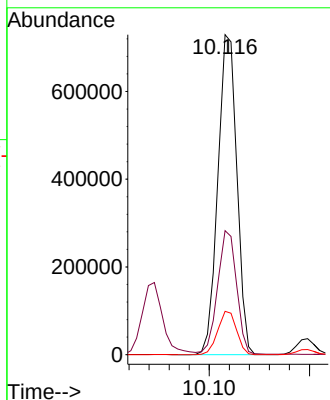
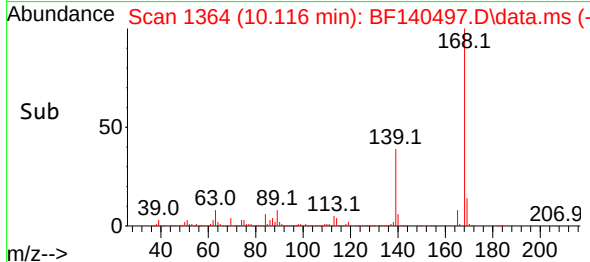
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:168 Resp: 959230
Ion Ratio Lower Upper
168 100
139 38.7 30.8 46.2
169 13.5 10.8 16.2

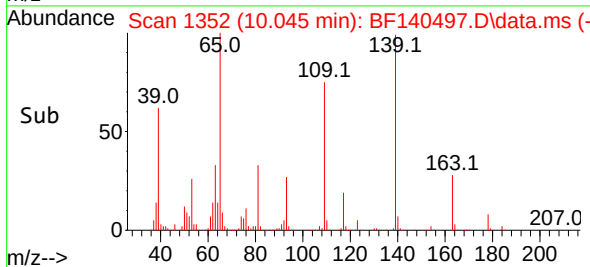
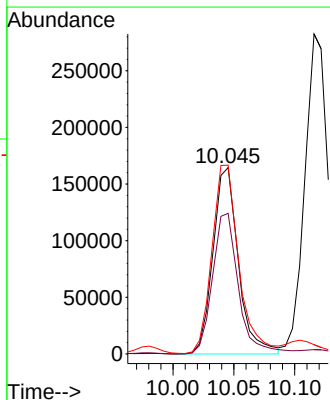
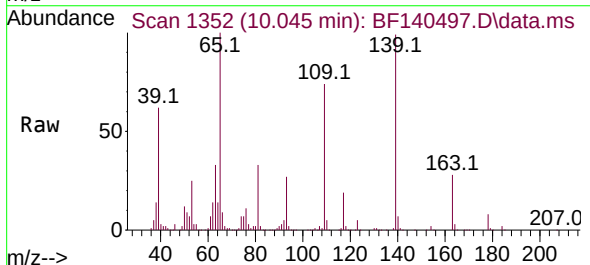
Manual Integrations
APPROVED

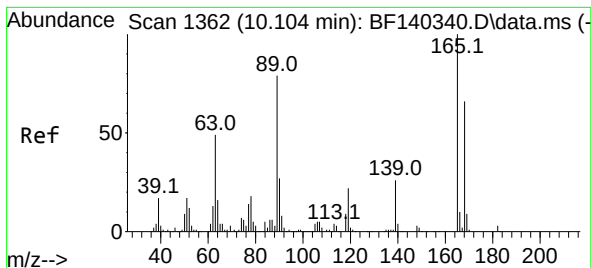
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#56
4-Nitrophenol
Concen: 90.745 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.023 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

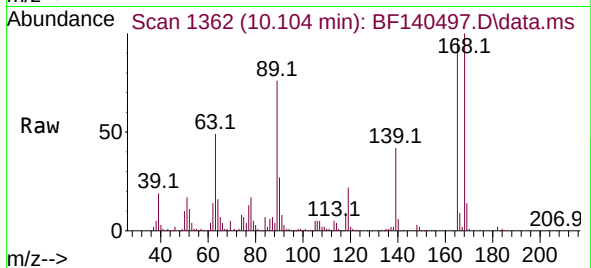
Tgt Ion:139 Resp: 238994
Ion Ratio Lower Upper
139 100
109 75.4 54.5 94.5
65 101.3 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 50.241 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

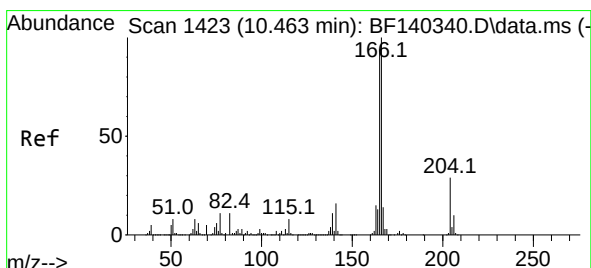
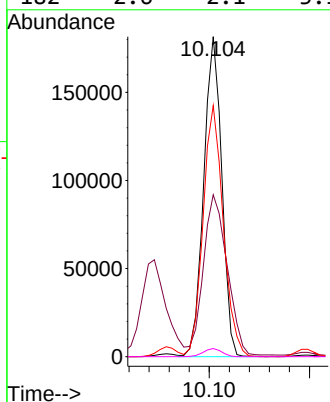
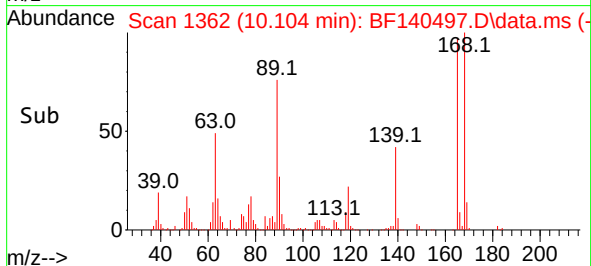
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



Tgt Ion:165 Resp: 22733
Ion Ratio Lower Upper
165 100
63 50.6 39.4 59.0
89 78.5 62.4 93.6
182 2.6 2.1 3.1

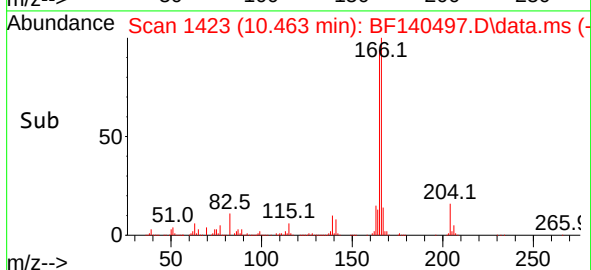
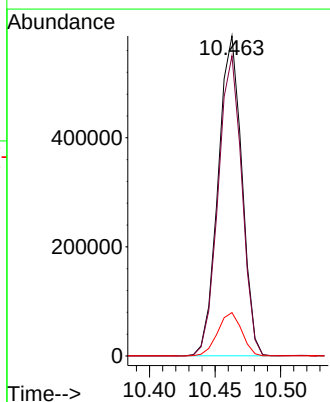
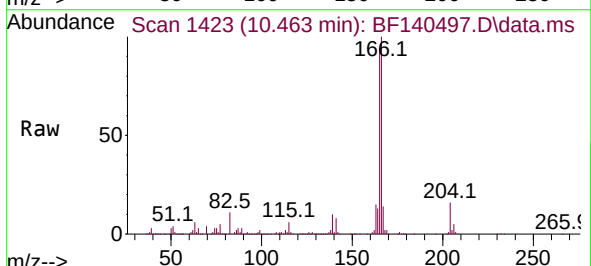
Manual Integrations
APPROVED

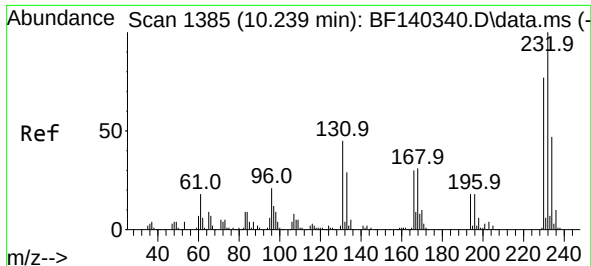
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#58
Fluorene
Concen: 50.382 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

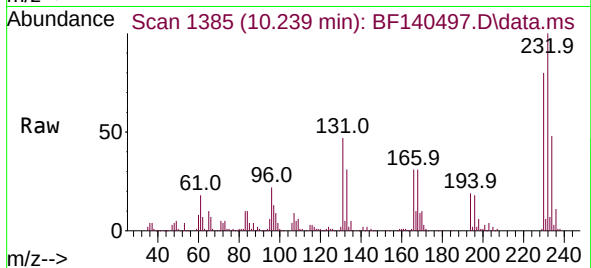
Tgt Ion:166 Resp: 738282
Ion Ratio Lower Upper
166 100
165 93.8 73.9 110.9
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.260 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

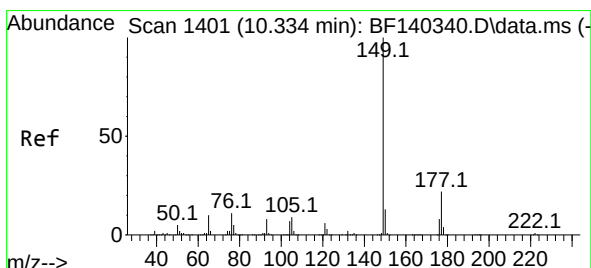
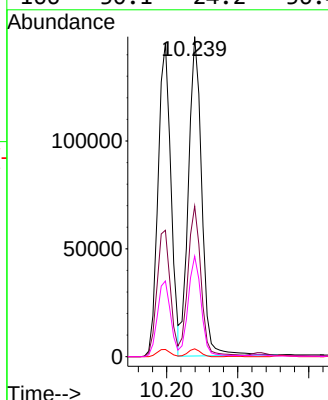
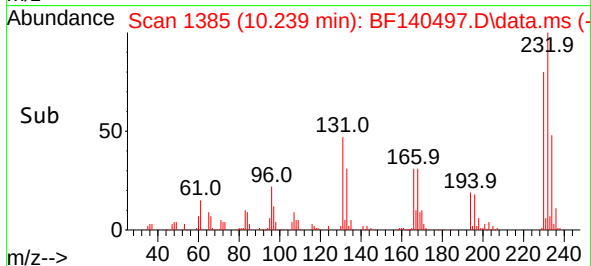
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



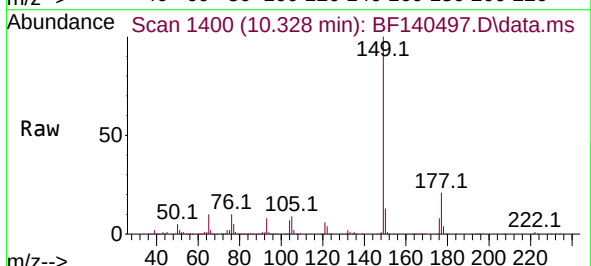
Tgt Ion:232 Resp: 193061
Ion Ratio Lower Upper
232 100
131 46.6 36.8 55.2
130 2.3 1.9 2.9
166 30.1 24.2 36.4

Manual Integrations
APPROVED

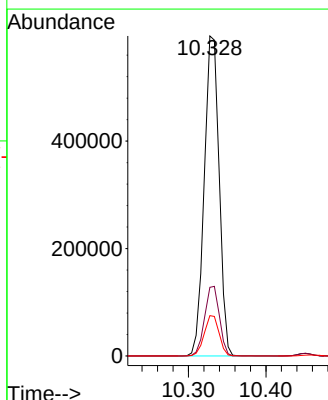
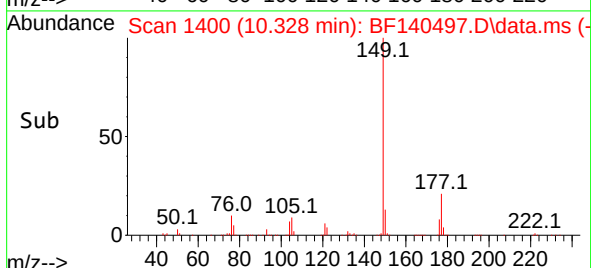
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

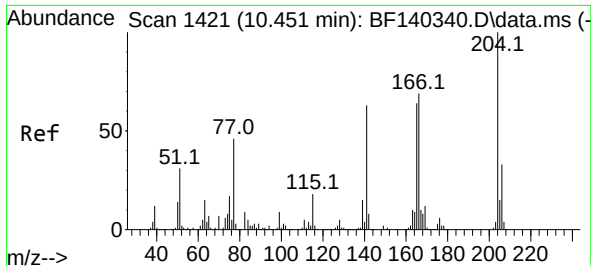


#60
Diethylphthalate
Concen: 51.514 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



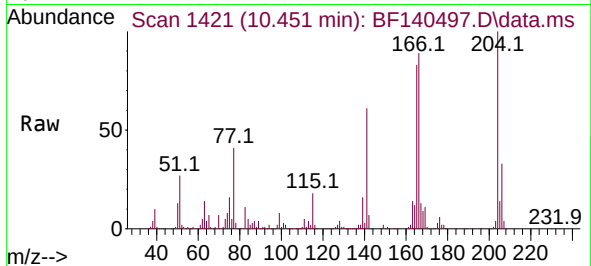
Tgt Ion:149 Resp: 794405
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.898 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

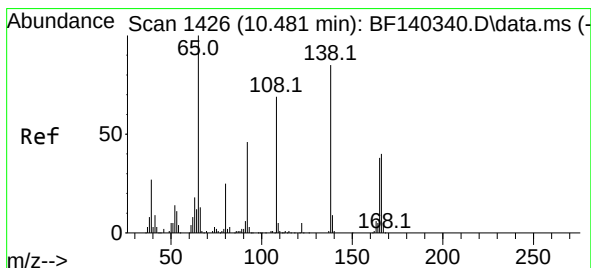
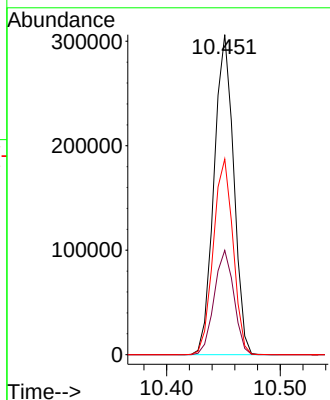
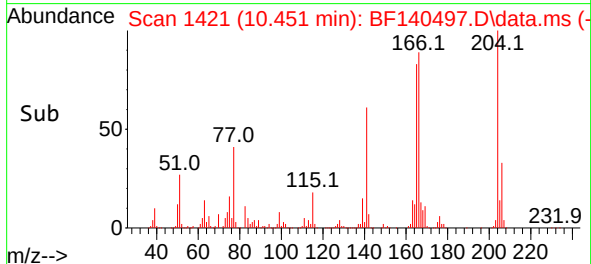
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



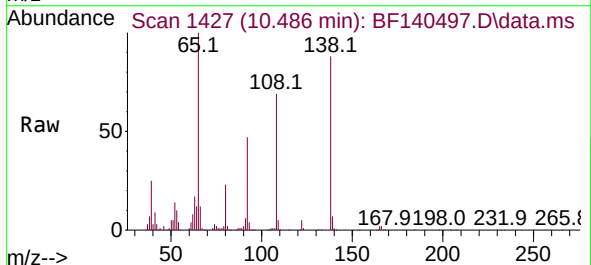
Tgt Ion:204 Resp: 368215
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 61.2 49.8 74.8

Manual Integrations
APPROVED

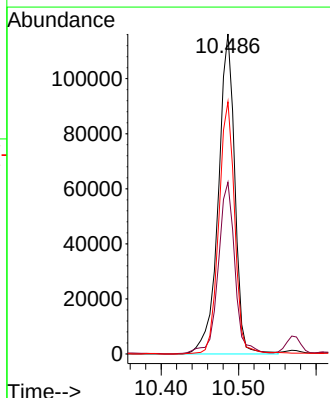
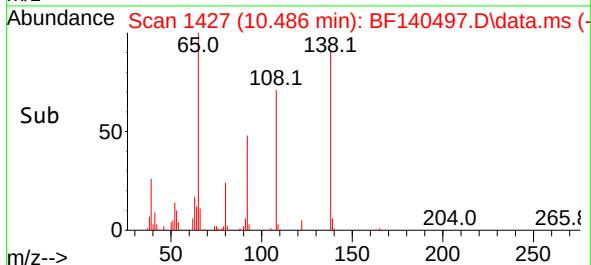
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

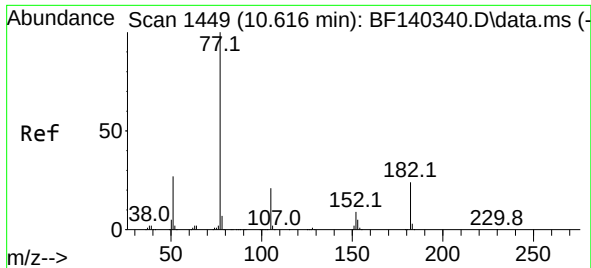


#62
4-Nitroaniline
Concen: 46.721 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



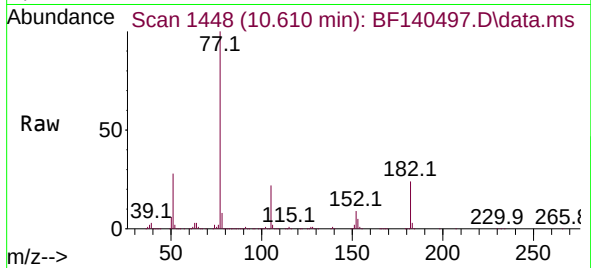
Tgt Ion:138 Resp: 172490
Ion Ratio Lower Upper
138 100
92 53.6 33.8 73.8
108 78.8 59.9 99.9





#63
Azobenzene
Concen: 54.244 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

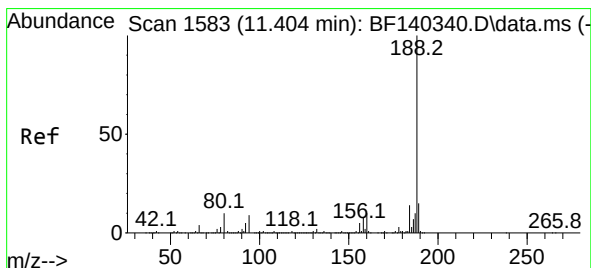
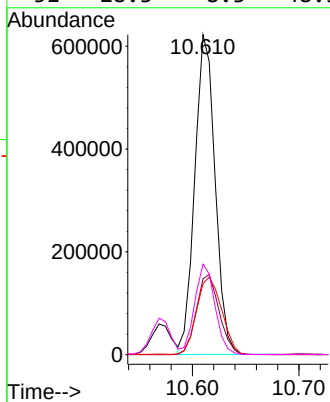
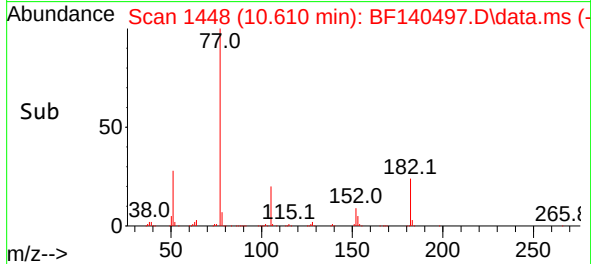
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



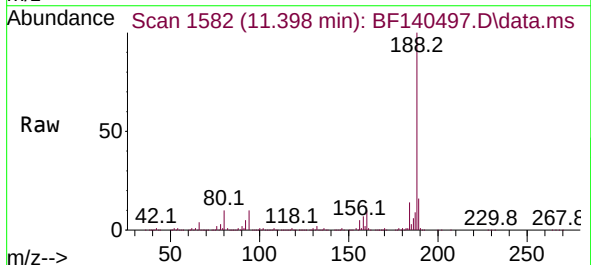
Tgt Ion: 77 Resp: 826529
Ion Ratio Lower Upper
77 100
182 23.7 4.6 44.6
105 22.2 0.9 40.9
51 28.3 8.3 48.3

Manual Integrations
APPROVED

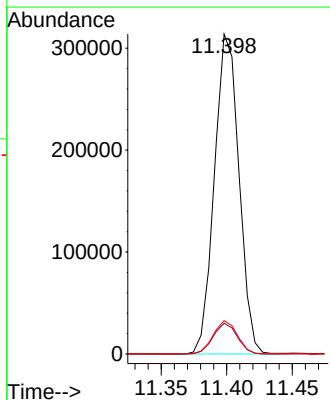
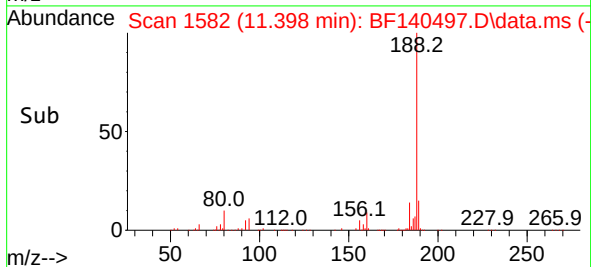
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

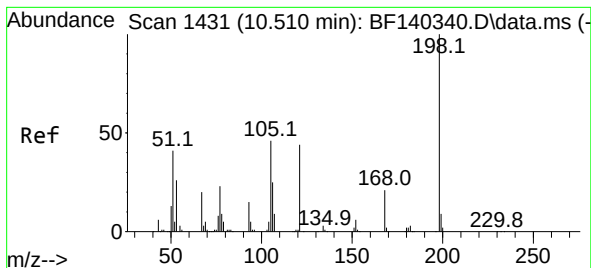


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



Tgt Ion:188 Resp: 409075
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.4 8.0 12.0





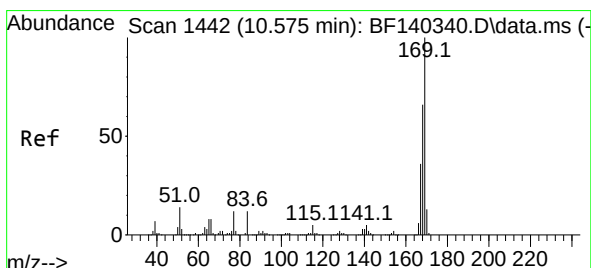
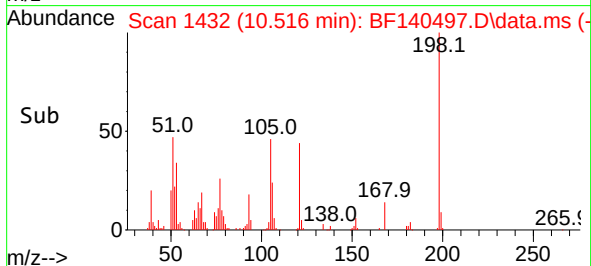
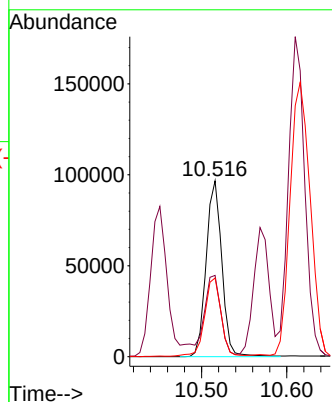
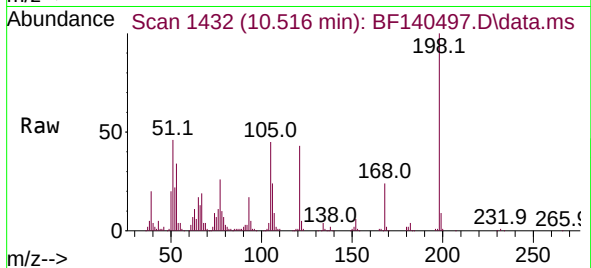
#65
4,6-Dinitro-2-methylphenol
Concen: 56.272 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD

Tgt Ion:198 Resp: 123849
Ion Ratio Lower Upper
198 100
51 46.2 29.7 69.7
105 44.8 26.3 66.3

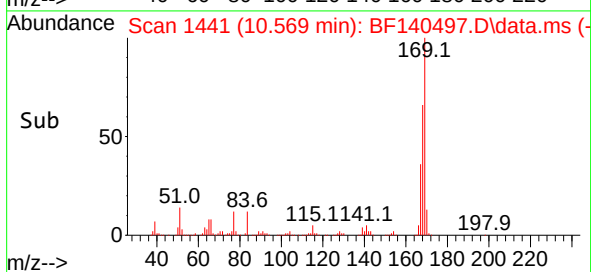
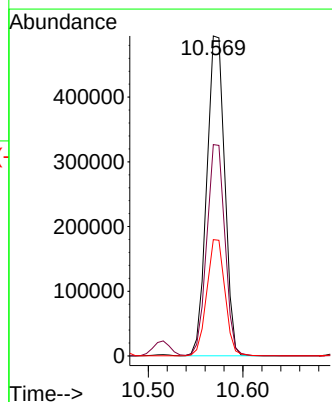
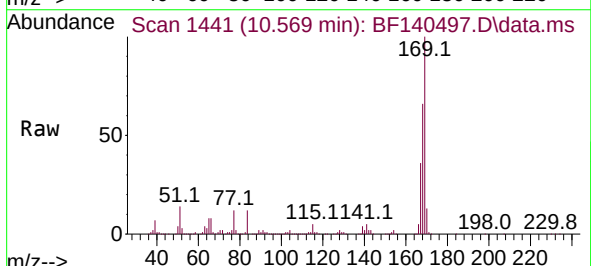
Manual Integrations
APPROVED

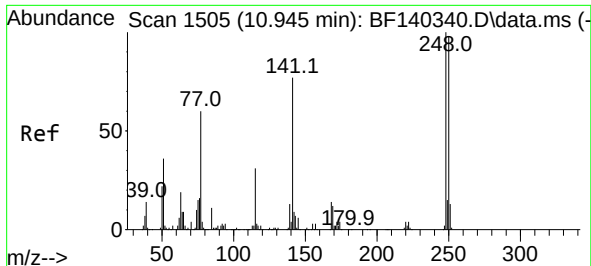
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#66
n-Nitrosodiphenylamine
Concen: 54.747 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion:169 Resp: 647087
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 36.4 29.3 43.9





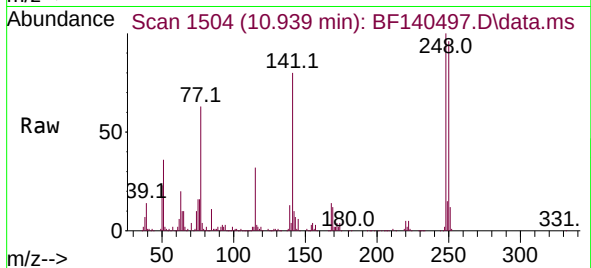
#67
4-Bromophenyl-phenylether
Concen: 54.307 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

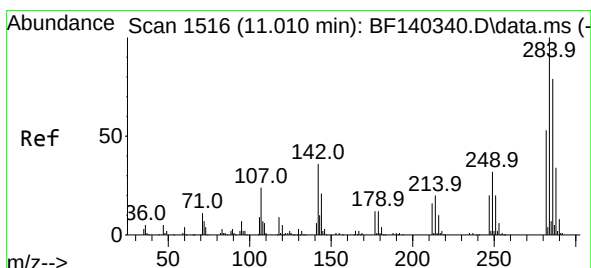
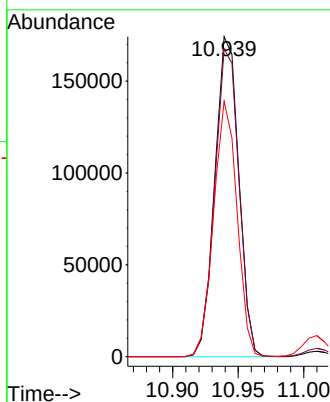
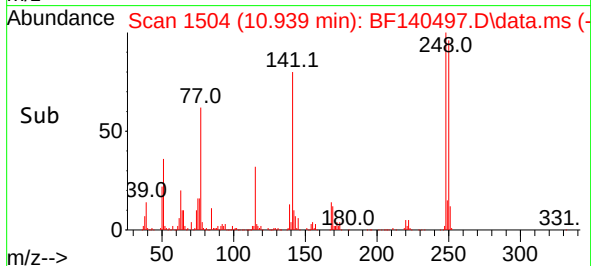


Tgt Ion:248 Resp: 222069
Ion Ratio Lower Upper
248 100
250 96.2 77.9 116.9
141 79.8 61.8 92.6

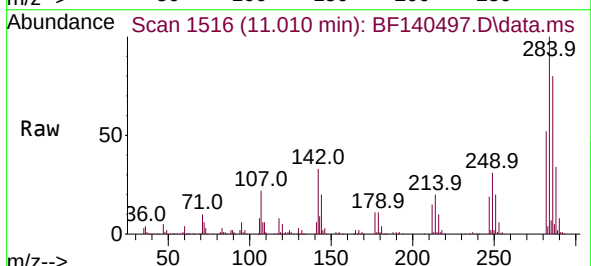
Manual Integrations

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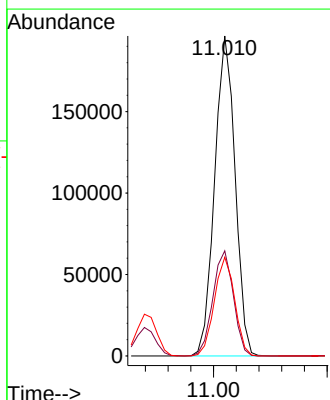
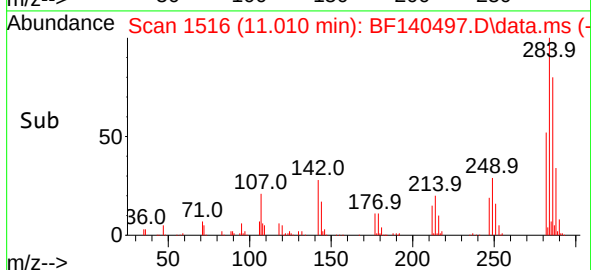
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

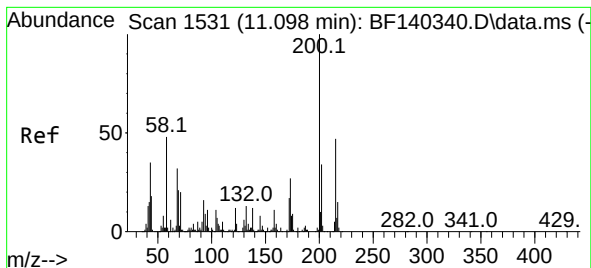


#68
Hexachlorobenzene
Concen: 53.300 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



Tgt Ion:284 Resp: 245229
Ion Ratio Lower Upper
284 100
142 32.9 28.1 42.1
249 30.8 24.9 37.3





#69

Atrazine

Concen: 57.349 ng

RT: 11.098 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

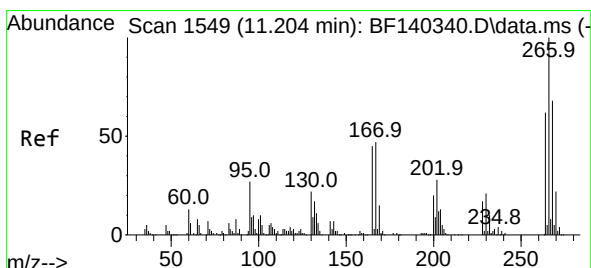
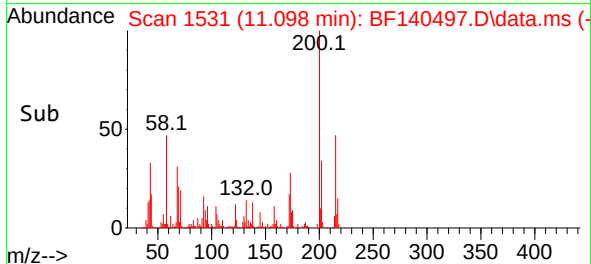
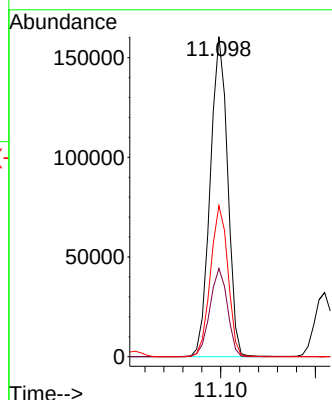
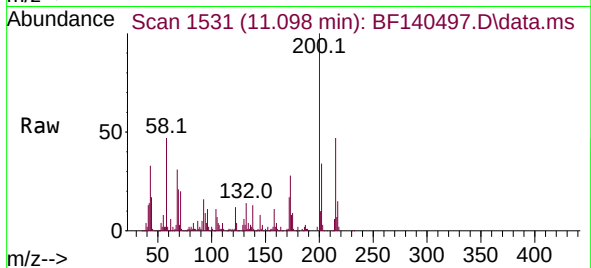
Tgt Ion:200 Resp: 205079
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.6 46.6
 215 47.2 27.2 67.2

Manual Integrations

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Supervised By :mohammad ahmed 11/22/2024



#70

Pentachlorophenol

Concen: 97.276 ng

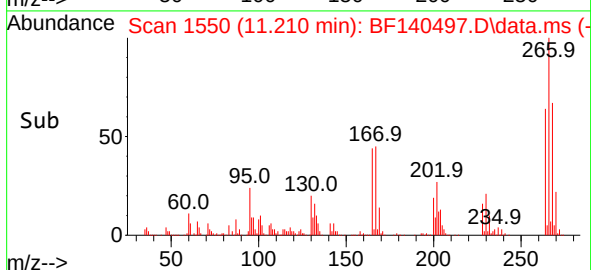
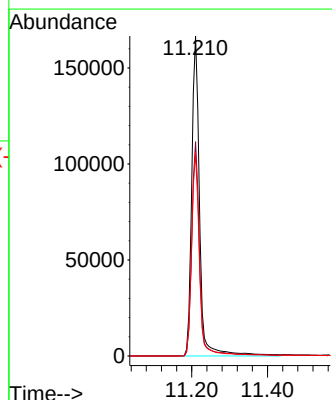
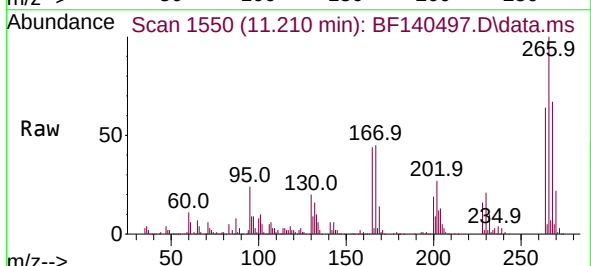
RT: 11.210 min Scan# 1550

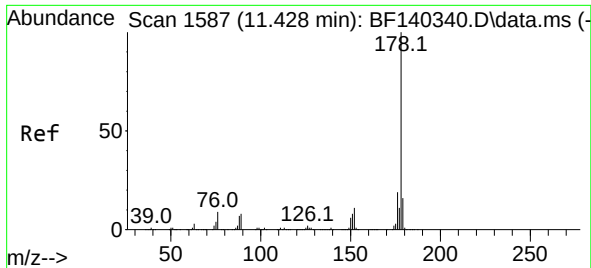
Delta R.T. 0.006 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

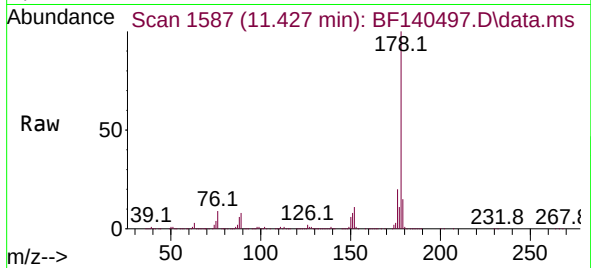
Tgt Ion:266 Resp: 241085
 Ion Ratio Lower Upper
 266 100
 268 67.0 52.9 79.3
 264 63.5 50.3 75.5





#71
Phenanthrene
Concen: 52.505 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

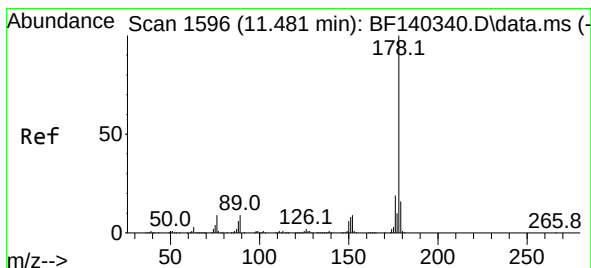
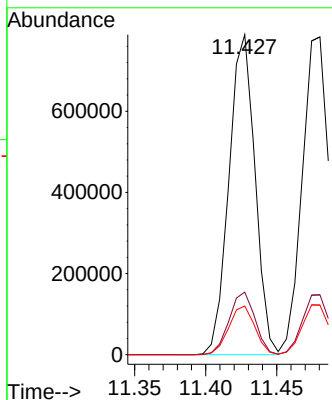
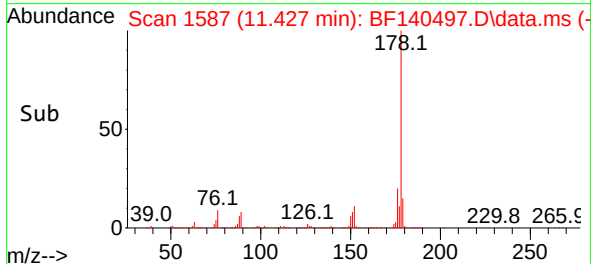
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



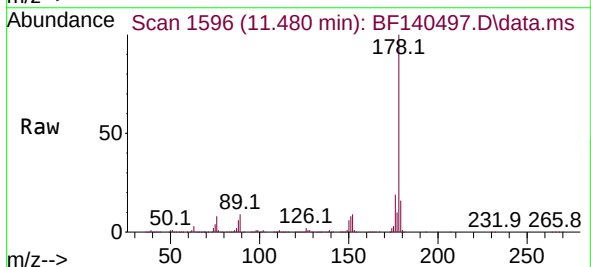
Tgt Ion:178 Resp: 1008970
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.2 12.4 18.6

Manual Integrations
APPROVED

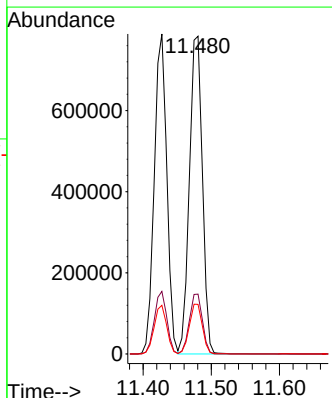
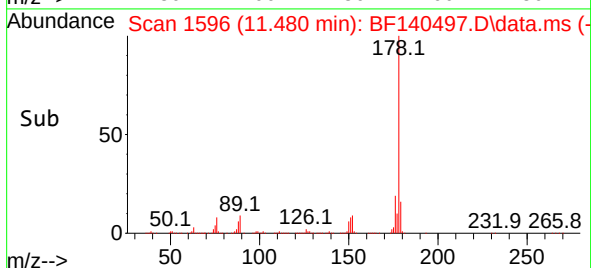
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

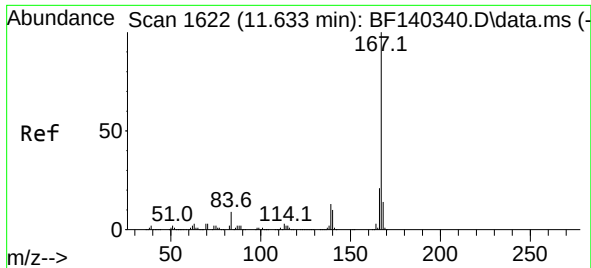


#72
Anthracene
Concen: 54.719 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



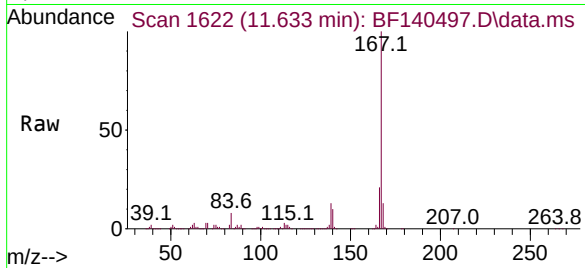
Tgt Ion:178 Resp: 1030542
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.6 12.6 18.8





#73
 Carbazole
 Concen: 49.147 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF140497.D
 Acq: 20 Nov 2024 13:35

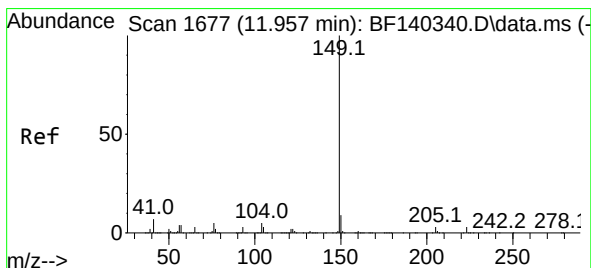
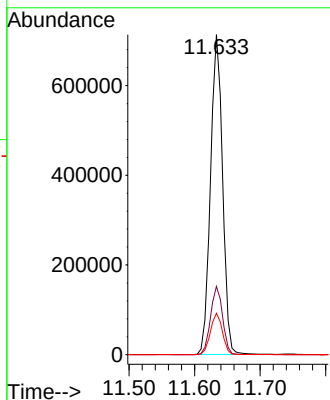
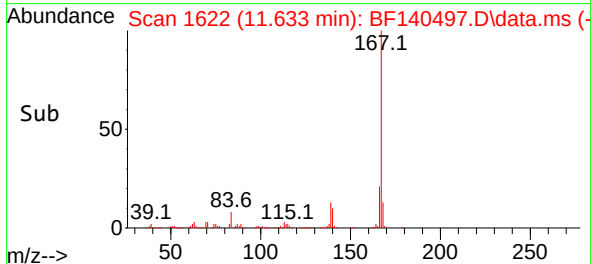
Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOTMSD



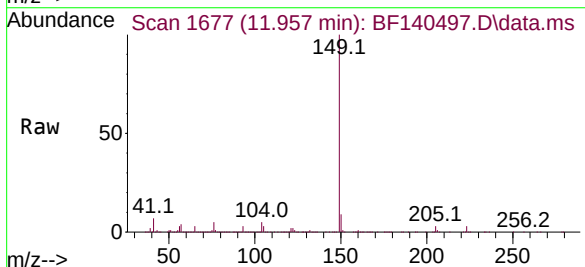
Tgt Ion:167 Resp: 913948
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.0 10.4 15.6

Manual Integrations
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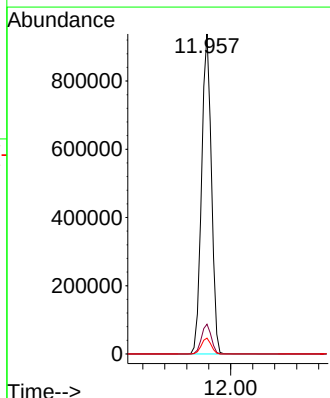
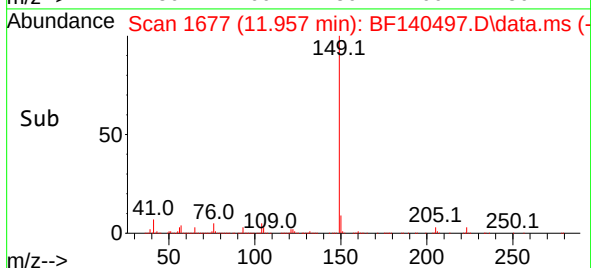
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

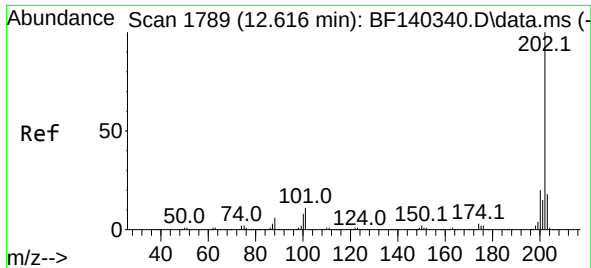


#74
 Di-n-butylphthalate
 Concen: 52.019 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF140497.D
 Acq: 20 Nov 2024 13:35



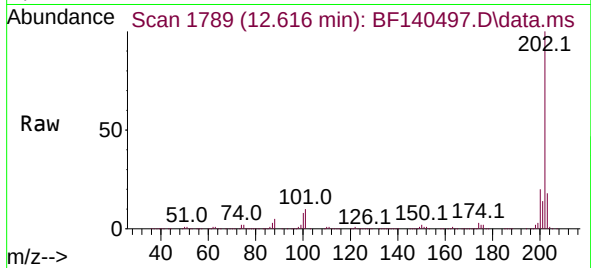
Tgt Ion:149 Resp: 1161034
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 46.644 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

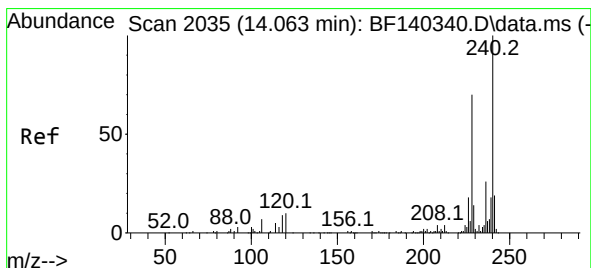
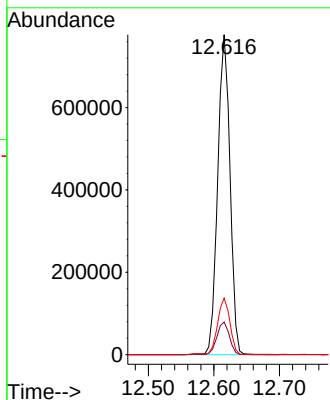
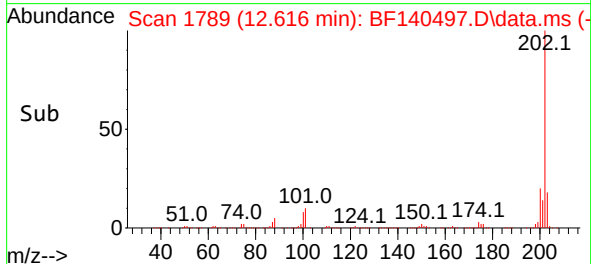
Instrument :
BNA_F
ClientSampleId :
WB-310-BOTMSD



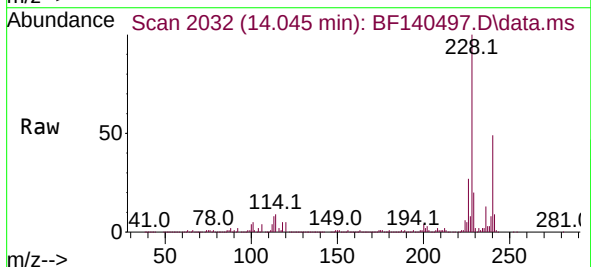
Tgt Ion:202 Resp: 1005608
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.7 0.0 37.7

Manual Integrations
APPROVED

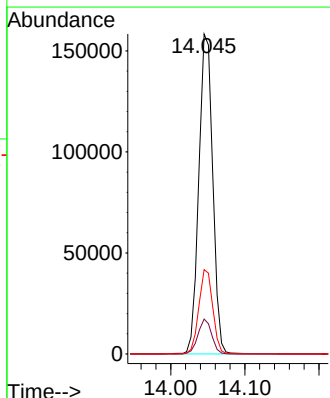
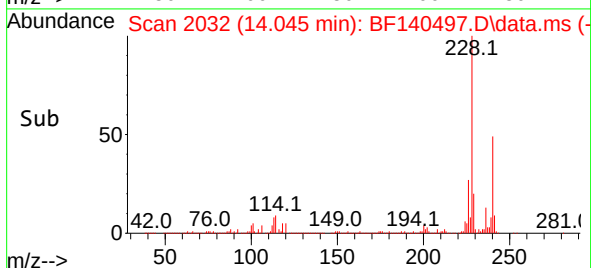
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

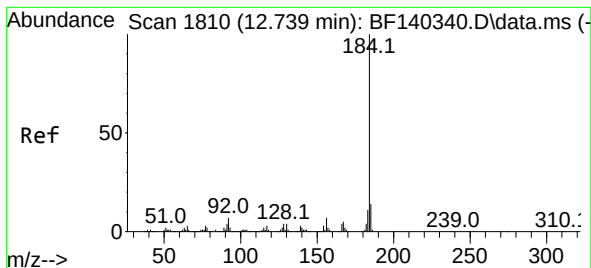


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35



Tgt Ion:240 Resp: 206876
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 26.3 20.9 31.3





#77

Benzidine

Concen: 18.842 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

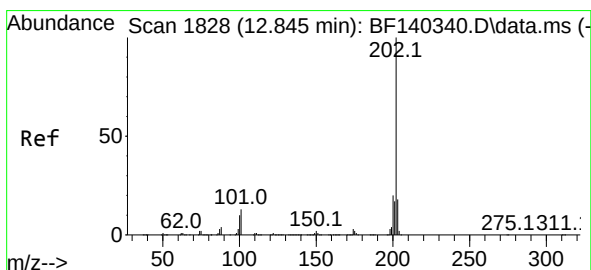
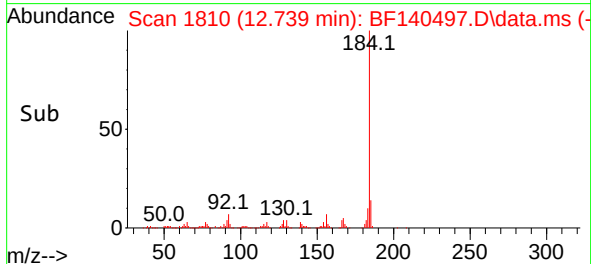
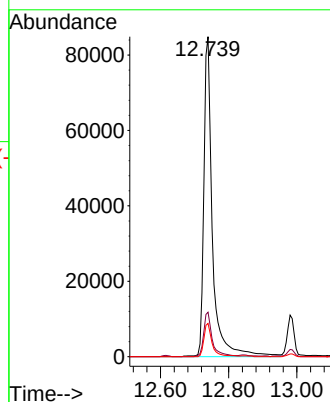
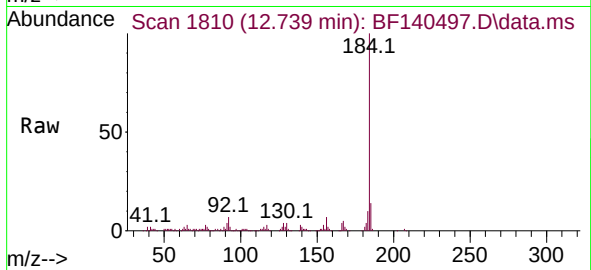
Tgt Ion:184	Resp: 149604
Ion Ratio	Lower Upper
184 100	
185 13.9	11.9 17.9
183 10.4	8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#78

Pyrene

Concen: 56.658 ng

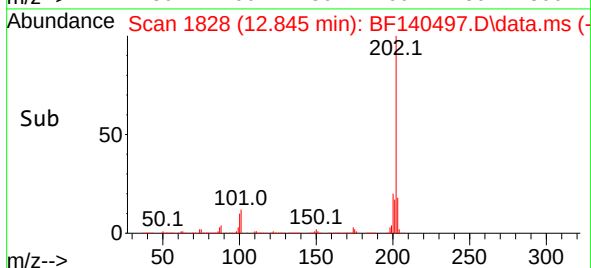
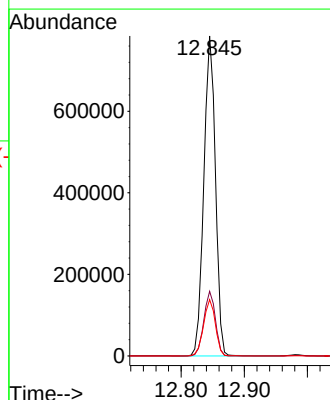
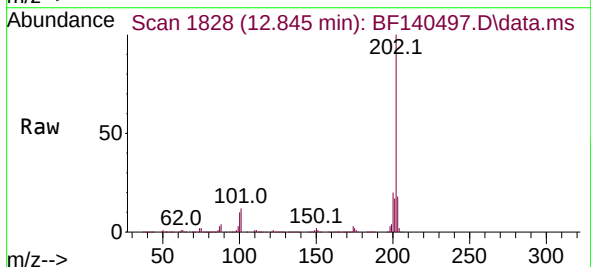
RT: 12.845 min Scan# 1828

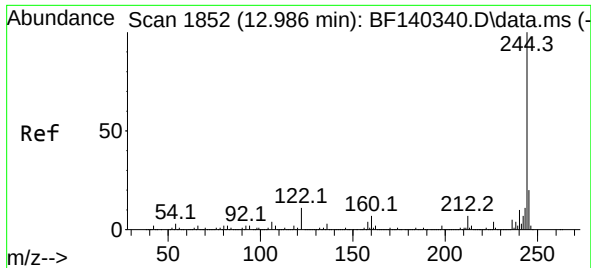
Delta R.T. -0.000 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Tgt Ion:202	Resp: 1002591
Ion Ratio	Lower Upper
202 100	
200 20.2	16.2 24.2
203 17.6	14.2 21.4





#79
 Terphenyl-d14
 Concen: 85.651 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF140497.D
 Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

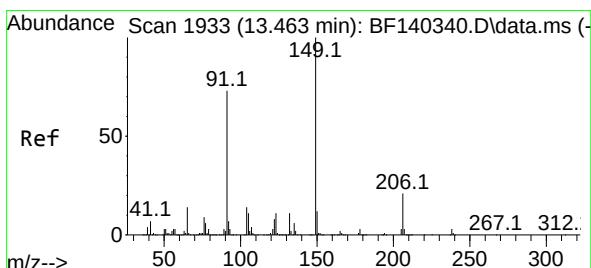
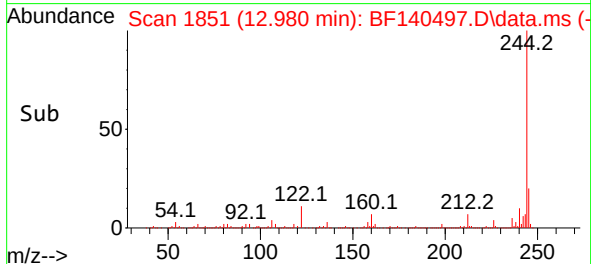
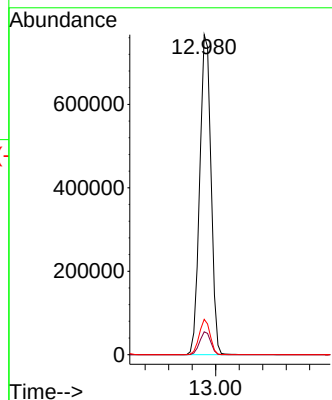
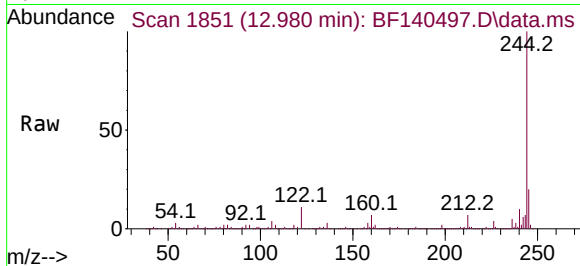
WB-310-BOTMSD

Tgt Ion:244 Resp: 1020809
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.0 8.8 13.2

Manual Integrations

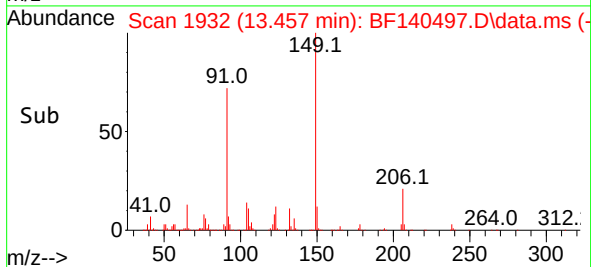
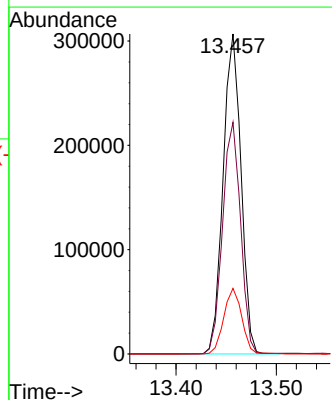
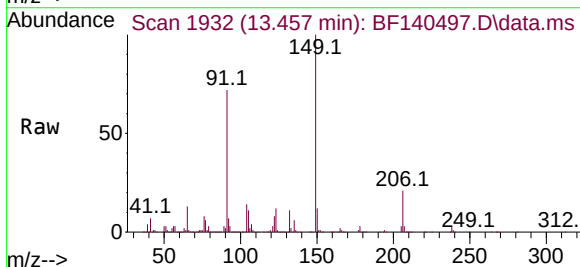
APPROVED

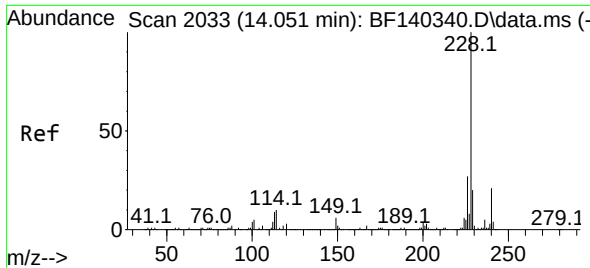
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#80
 Butylbenzylphthalate
 Concen: 55.980 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF140497.D
 Acq: 20 Nov 2024 13:35

Tgt Ion:149 Resp: 380539
 Ion Ratio Lower Upper
 149 100
 91 72.4 61.0 91.4
 206 20.5 16.1 24.1





#81
Benzo(a)anthracene
Concen: 55.241 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

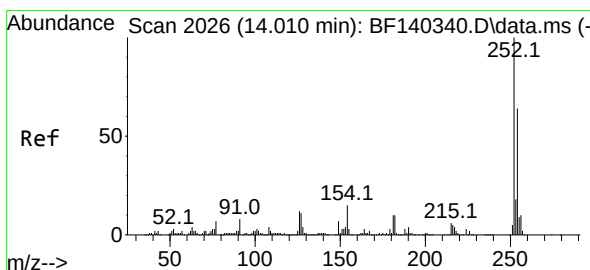
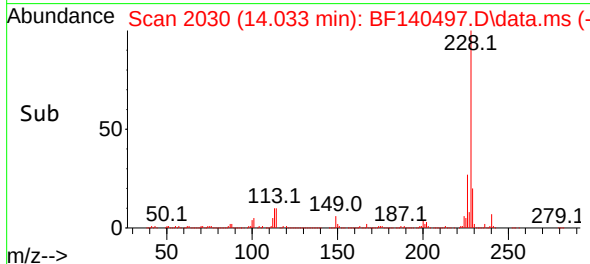
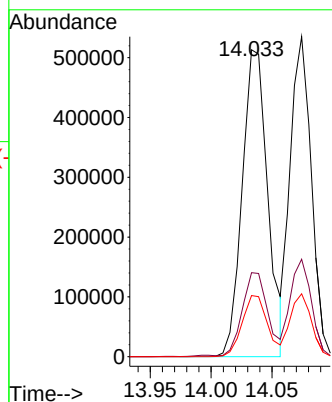
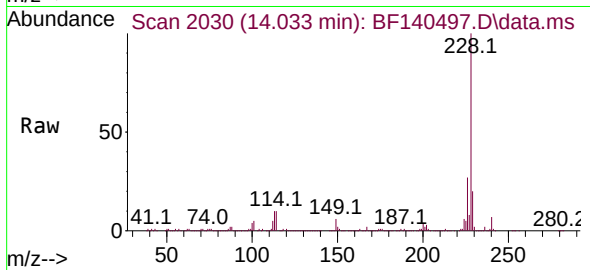
WB-310-BOTMSD

Tgt Ion:228 Resp: 751085
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.9 15.8 23.6

Manual Integrations

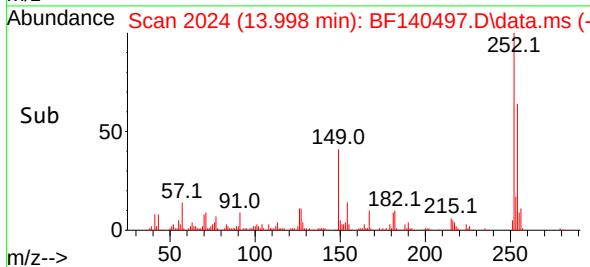
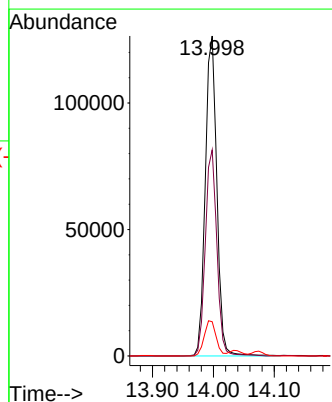
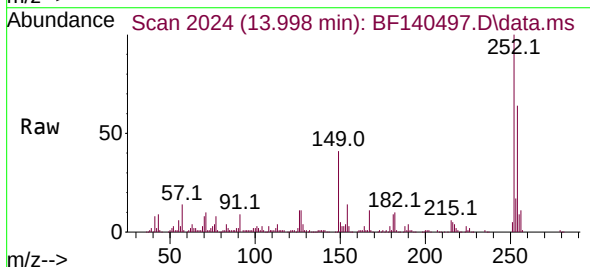
APPROVED

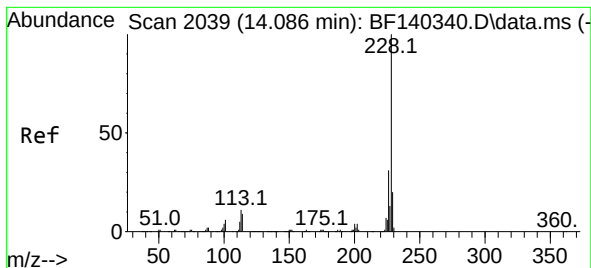
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.645 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140497.D
Acq: 20 Nov 2024 13:35

Tgt Ion:252 Resp: 167008
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 10.7 9.4 14.0





#83

Chrysene

Concen: 52.277 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:228 Resp: 648530

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

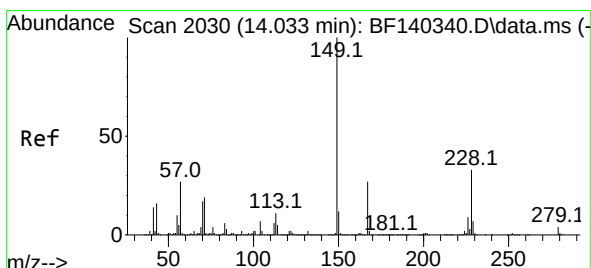
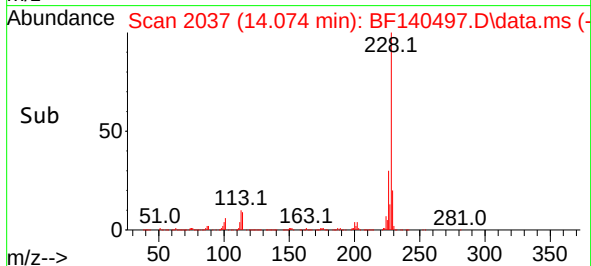
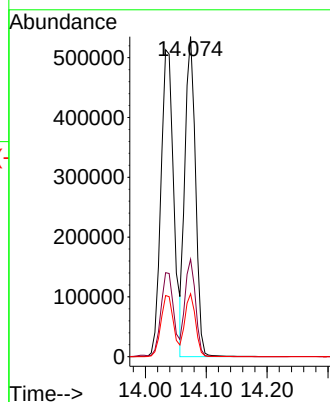
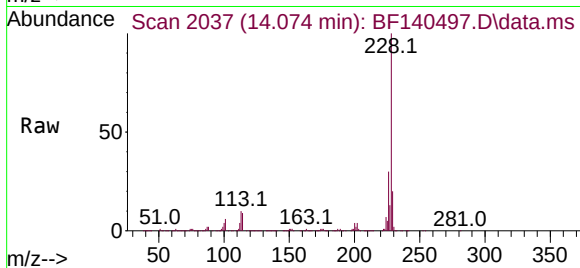
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.755 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

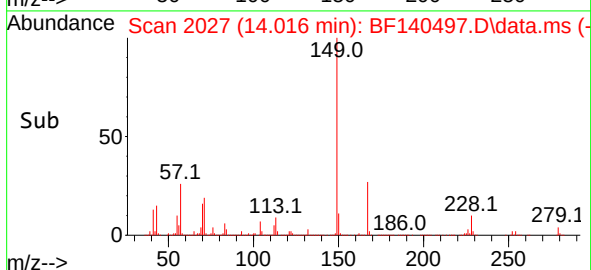
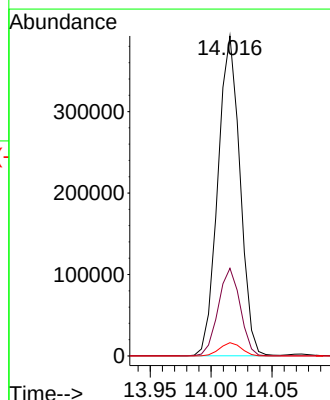
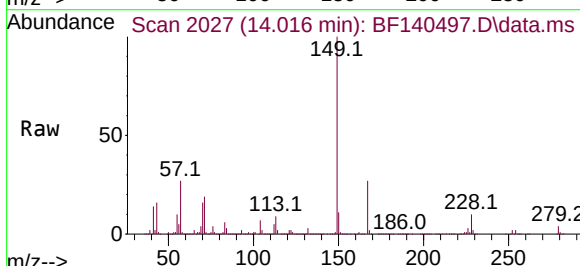
Tgt Ion:149 Resp: 496820

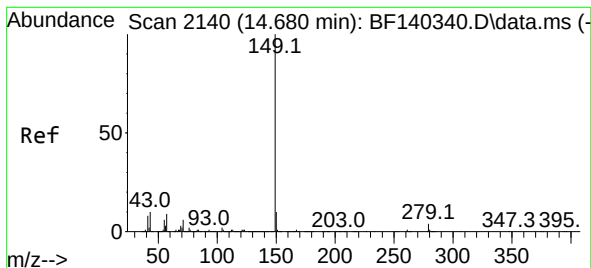
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 58.202 ng

RT: 14.639 min Scan# 2140

Delta R.T. -0.024 min

Lab File: BF140497.D

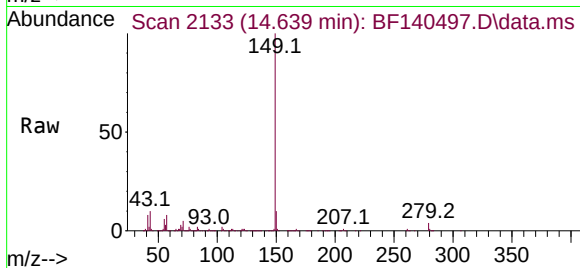
Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD



Tgt Ion:149 Resp: 74376

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

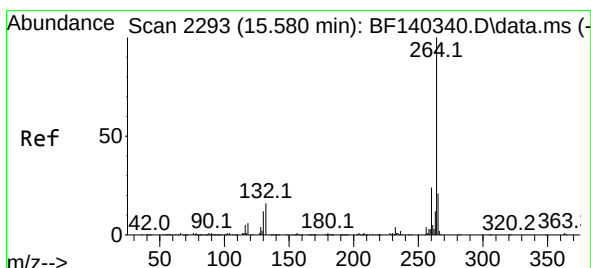
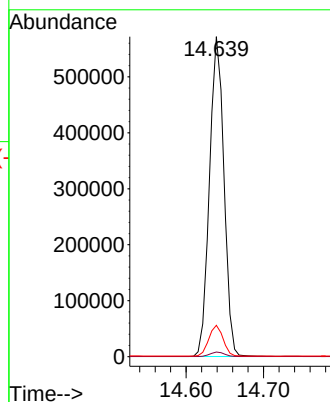
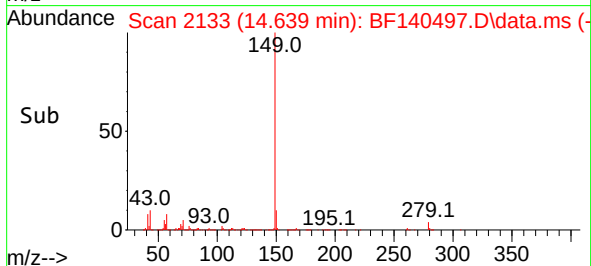
43 9.6 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.018 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

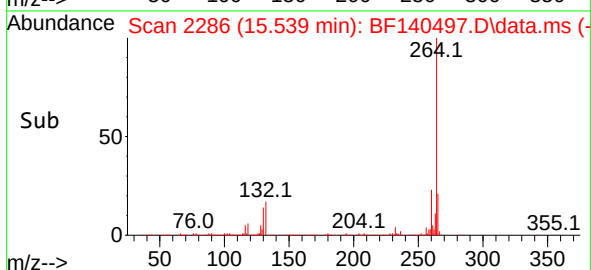
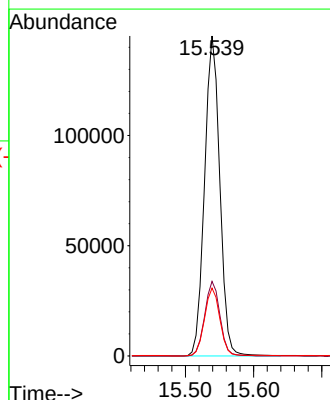
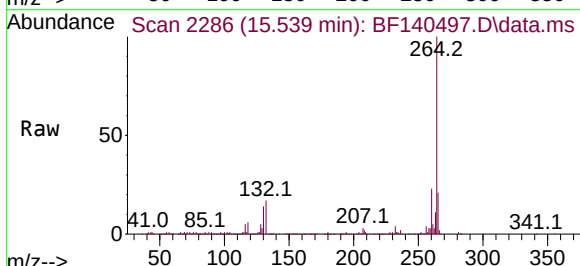
Tgt Ion:264 Resp: 225913

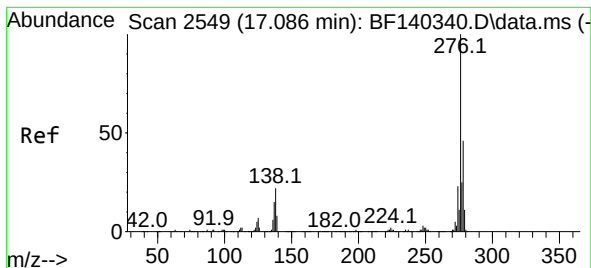
Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.402 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:276 Resp: 870838

Ion Ratio Lower Upper

276 100

138 22.9 18.8 28.2

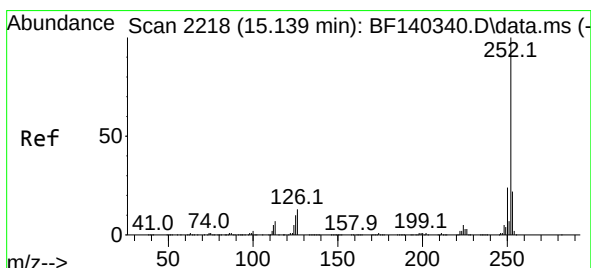
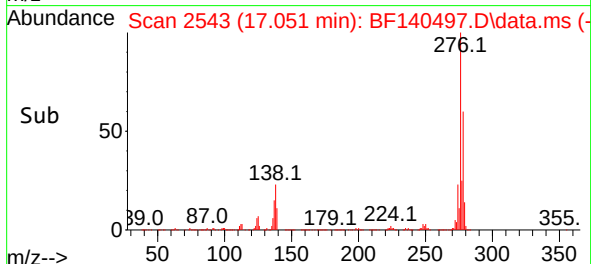
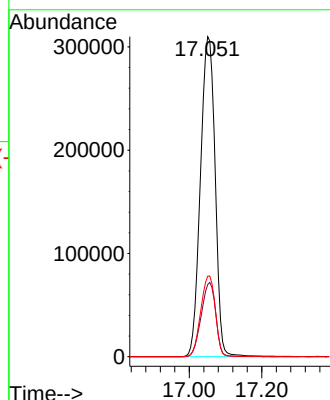
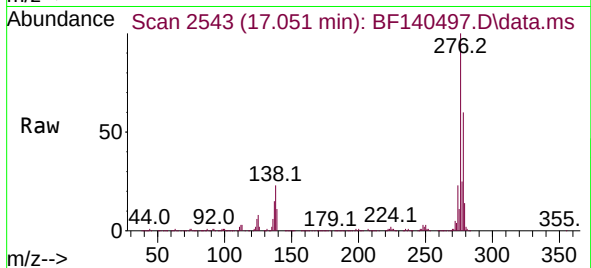
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#88

Benzo(b)fluoranthene

Concen: 50.274 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.012 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

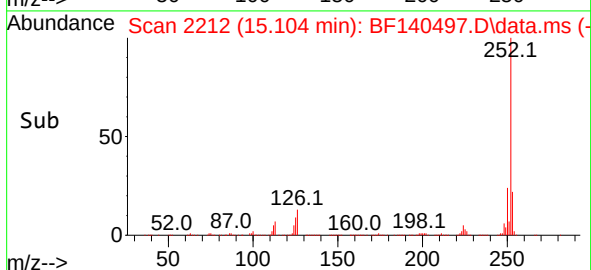
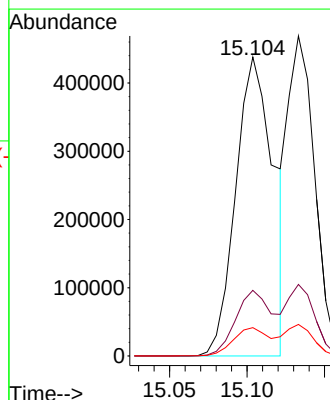
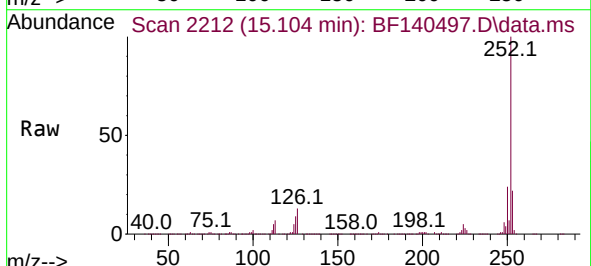
Tgt Ion:252 Resp: 742952

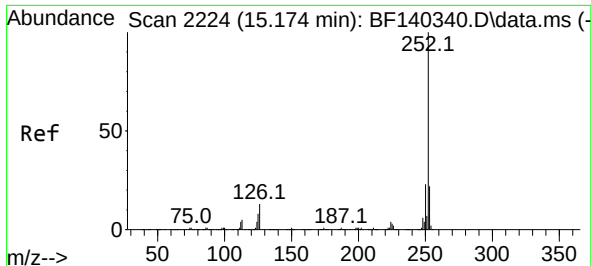
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.902 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.018 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:252 Resp: 566235

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

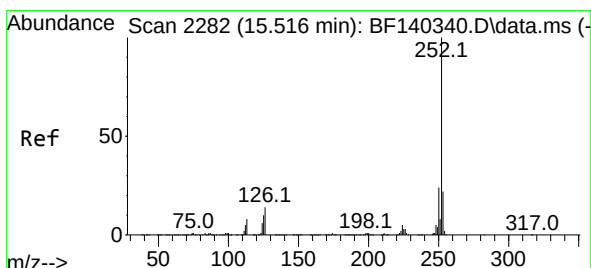
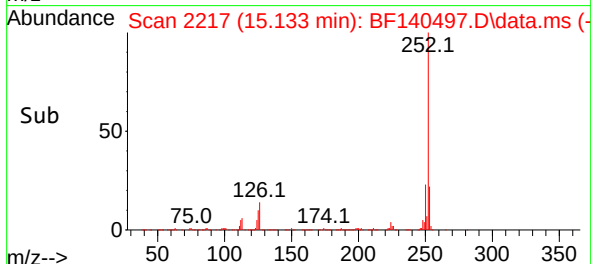
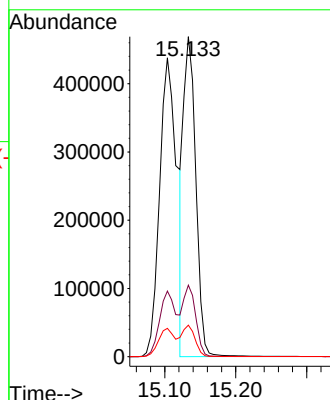
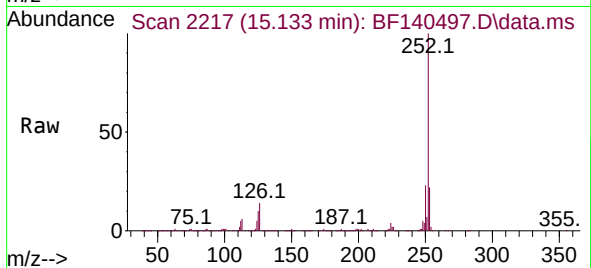
125 9.8 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#90

Benzo(a)pyrene

Concen: 56.028 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.012 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

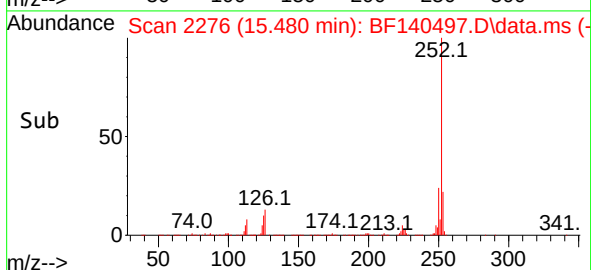
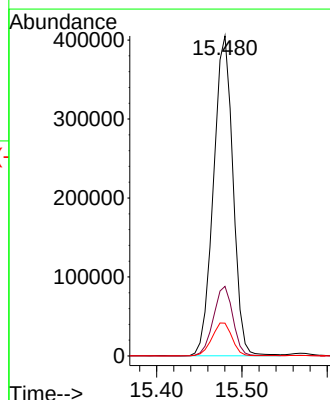
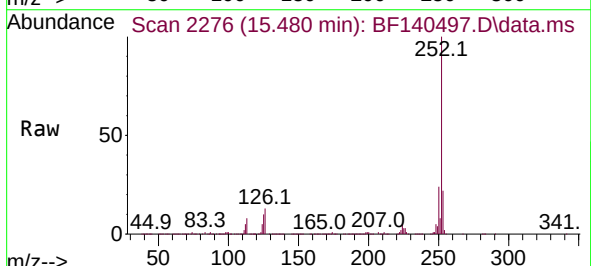
Tgt Ion:252 Resp: 642992

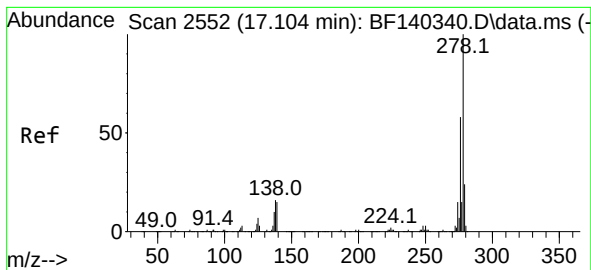
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 61.542 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Instrument :

BNA_F

ClientSampleId :

WB-310-BOTMSD

Tgt Ion:278 Resp: 709908

Ion Ratio Lower Upper

278 100

139 14.0 11.8 17.8

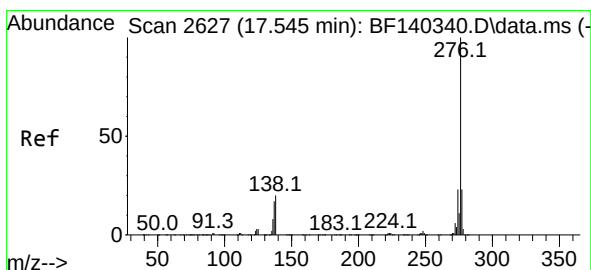
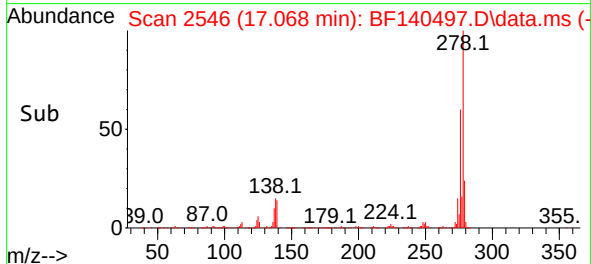
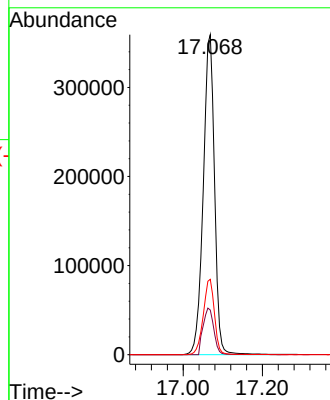
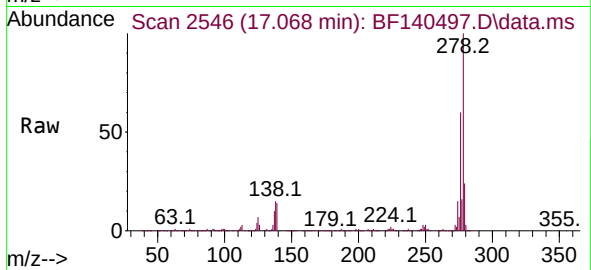
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#92

Benzo(g,h,i)perylene

Concen: 56.936 ng

RT: 17.509 min Scan# 2621

Delta R.T. -0.006 min

Lab File: BF140497.D

Acq: 20 Nov 2024 13:35

Tgt Ion:276 Resp: 671446

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 20.2 16.0 24.0

