

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140753.D
 Acq On : 05 Dec 2024 17:19
 Operator : RC/JU
 Sample : P5096-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2024
 Supervised By :mohammad ahmed 12/07/2024

Quant Time: Dec 05 17:39:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67405	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	250139	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	136184	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	233226	20.000	ng	0.00
76) Chrysene-d12	14.057	240	135190	20.000	ng	0.00
86) Perylene-d12	15.568	264	148168	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	471956	119.465	ng	0.01
7) Phenol-d6	6.516	99	624013	119.480	ng	0.00
23) Nitrobenzene-d5	7.434	82	402880	82.384	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	177893	122.138	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	757616	82.888	ng	-0.01
79) Terphenyl-d14	12.980	244	636920	73.361	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	72869	43.870	ng	98
3) Pyridine	3.463	79	158060	43.250	ng	98
4) n-Nitrosodimethylamine	3.416	42	97446	45.367	ng	95
6) Aniline	6.540	93	145030	39.453	ng	# 80
8) 2-Chlorophenol	6.663	128	221030	52.004	ng	95
9) Benzaldehyde	6.422	77	65735	23.775	ng	99
10) Phenol	6.528	94	279089	52.325	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	214122	52.461	ng	99
12) 1,3-Dichlorobenzene	6.810	146	229888	48.137	ng	99
13) 1,4-Dichlorobenzene	6.887	146	235804	48.764	ng	99
14) 1,2-Dichlorobenzene	7.040	146	222915	49.196	ng	99
15) Benzyl Alcohol	7.016	79	173205	44.719	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	247146	51.255	ng	65
17) 2-Methylphenol	7.134	107	167077	49.108	ng	94
18) Hexachloroethane	7.375	117	87377	48.380	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	157868	51.146	ng	97
20) 3+4-Methylphenols	7.293	107	224425	51.320	ng	# 69
22) Acetophenone	7.281	105	303315	49.738	ng	94
24) Nitrobenzene	7.451	77	234895	46.475	ng	98
25) Isophorone	7.693	82	422240	51.767	ng	99
26) 2-Nitrophenol	7.769	139	116462	51.996	ng	97
27) 2,4-Dimethylphenol	7.810	122	171652m	64.052	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	252847	50.885	ng	99
29) 2,4-Dichlorophenol	8.028	162	185720	52.300	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	195127	48.126	ng	99
31) Naphthalene	8.175	128	636725	49.418	ng	99
32) Benzoic acid	7.951	122	82136	37.135	ng	98
33) 4-Chloroaniline	8.245	127	54595	14.152	ng	98
34) Hexachlorobutadiene	8.281	225	133989	49.893	ng	98
35) Caprolactam	8.598	113	55331m	50.349	ng	
36) 4-Chloro-3-methylphenol	8.722	107	197193	49.597	ng	99
37) 2-Methylnaphthalene	8.863	142	421384	51.491	ng	99
38) 1-Methylnaphthalene	8.963	142	387025	48.248	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	208624	52.329	ng	99
41) Hexachlorocyclopentadiene	9.010	237	135429	144.642	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	128518	51.373	ng	100

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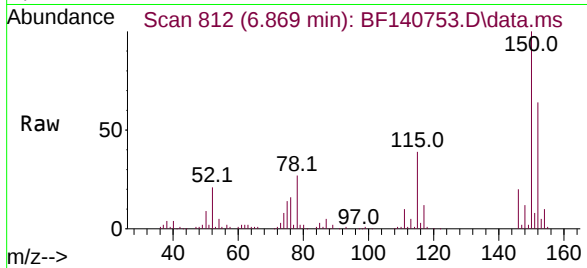
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	130709	48.143	ng	98
46) 1,1'-Biphenyl	9.328	154	525902	51.723	ng	100
47) 2-Chloronaphthalene	9.351	162	384381	49.892	ng	100
48) 2-Nitroaniline	9.457	65	120667	48.796	ng	98
49) Acenaphthylene	9.769	152	627189	53.880	ng	100
50) Dimethylphthalate	9.628	163	474200	52.871	ng	100
51) 2,6-Dinitrotoluene	9.698	165	101264	49.783	ng	93
52) Acenaphthene	9.939	154	378799	51.215	ng	99
53) 3-Nitroaniline	9.875	138	64539	32.440	ng	94
54) 2,4-Dinitrophenol	9.986	184	85216	80.803	ng	98
55) Dibenzofuran	10.116	168	572203	50.719	ng	99
56) 4-Nitrophenol	10.057	139	90861	66.967	ng	96
57) 2,4-Dinitrotoluene	10.104	165	133081	49.227	ng	96
58) Fluorene	10.457	166	452412	49.960	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	108191	51.850	ng	94
60) Diethylphthalate	10.328	149	467633	51.317	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	229717	51.691	ng	97
62) 4-Nitroaniline	10.492	138	90613	43.427	ng	95
63) Azobenzene	10.610	77	510575	59.165	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	67511	56.646	ng	92
66) n-Nitrosodiphenylamine	10.569	169	383995	55.675	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	132561	55.191	ng	96
68) Hexachlorobenzene	11.010	284	144554	51.977	ng	100
69) Atrazine	11.098	200	116576	60.082	ng	99
70) Pentachlorophenol	11.216	266	91617	74.848	ng	99
71) Phenanthrene	11.422	178	596117	53.173	ng	99
72) Anthracene	11.475	178	600909	54.795	ng	100
73) Carbazole	11.633	167	508011	48.154	ng	100
74) Di-n-butylphthalate	11.951	149	666151	54.694	ng	100
75) Fluoranthene	12.616	202	562021	46.172	ng	100
77) Benzidine	12.751	184	30096	7.657	ng	99
78) Pyrene	12.845	202	561670	44.934	ng	99
80) Butylbenzylphthalate	13.457	149	216707	48.125	ng	99
81) Benzo(a)anthracene	14.045	228	472285	52.775	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	108202	40.271	ng	99
83) Chrysene	14.086	228	438914	53.638	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	290339	51.062	ng	99
85) Di-n-octyl phthalate	14.651	149	485221	62.443	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	441369	45.710	ng	98
88) Benzo(b)fluoranthene	15.127	252	502800	54.026	ng	100
89) Benzo(k)fluoranthene	15.157	252	414643	50.913	ng	100
90) Benzo(a)pyrene	15.504	252	435170	57.509	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	370109	46.803	ng	98
92) Benzo(g,h,i)perylene	17.551	276	309045	38.298	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140753.D
 Acq: 05 Dec 2024 17:19

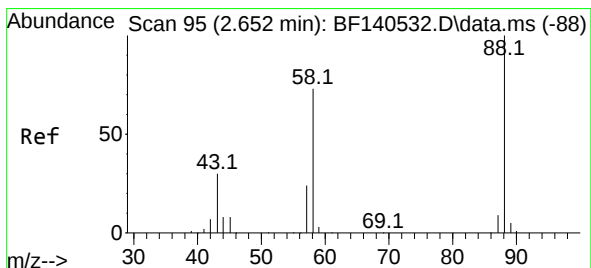
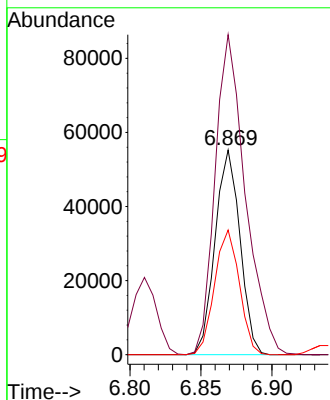
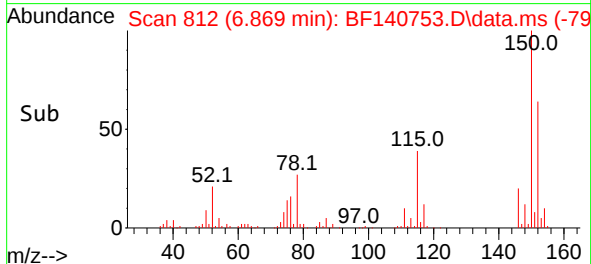
Instrument :
 BNA_F
 ClientSampleId :
 MH-AMS



Tgt Ion:152 Resp: 6740
 Ion Ratio Lower Upper
 152 100
 150 156.4 128.5 192.7
 115 60.9 50.2 75.4

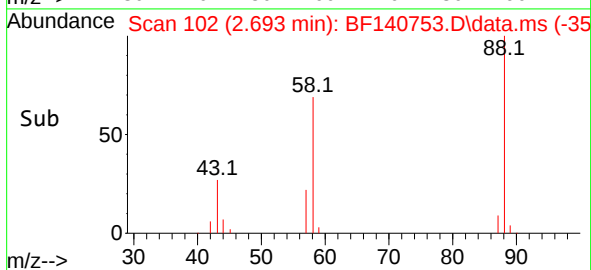
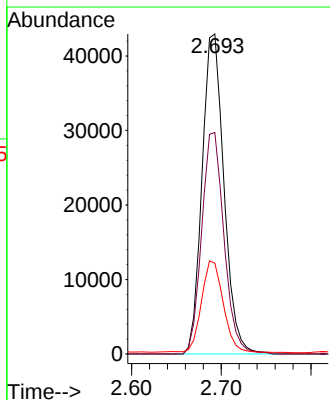
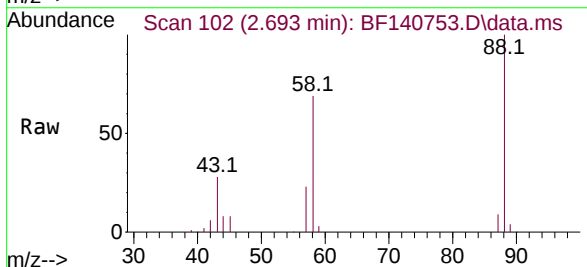
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 12/07/2024



#2
 1,4-Dioxane
 Concen: 43.870 ng
 RT: 2.693 min Scan# 102
 Delta R.T. 0.041 min
 Lab File: BF140753.D
 Acq: 05 Dec 2024 17:19

Tgt Ion: 88 Resp: 72869
 Ion Ratio Lower Upper
 88 100
 58 70.5 57.4 86.2
 43 29.0 24.3 36.5





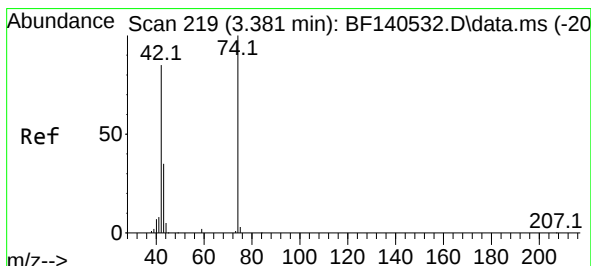
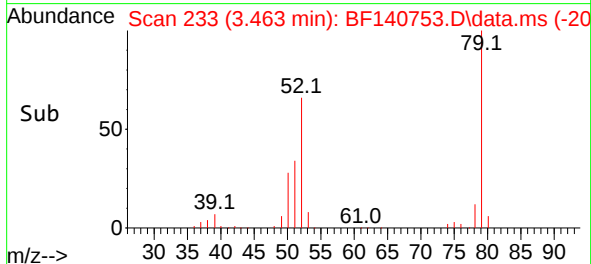
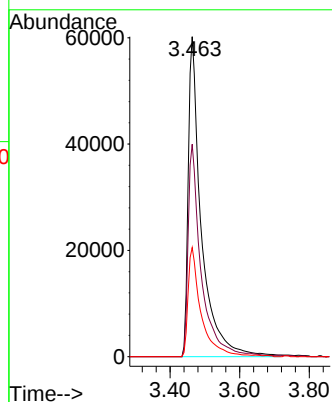
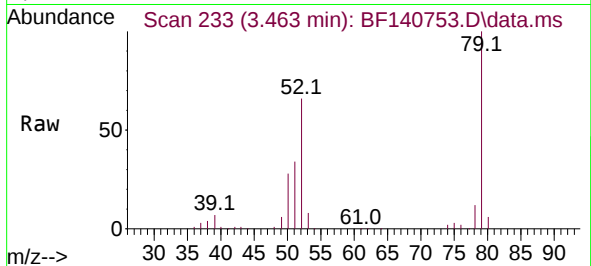
#3
Pyridine
Concen: 43.250 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion: 79 Resp: 158060
Ion Ratio Lower Upper
79 100
52 66.4 52.1 78.1
51 34.1 27.8 41.8

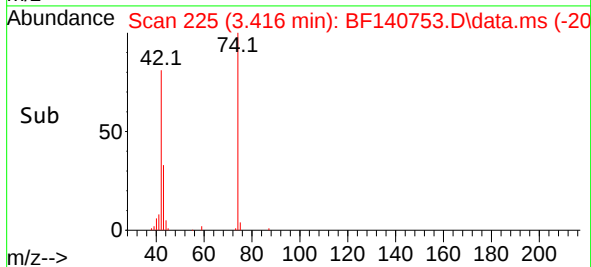
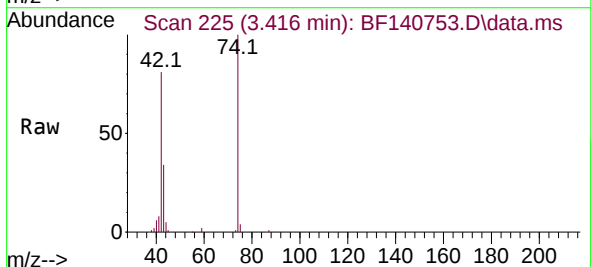
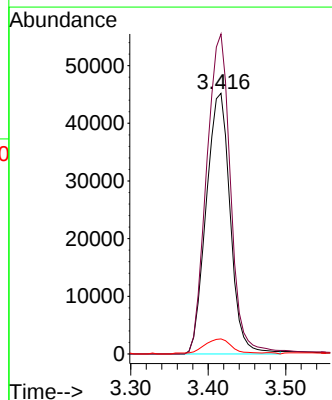
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#4
n-Nitrosodimethylamine
Concen: 45.367 ng
RT: 3.416 min Scan# 225
Delta R.T. 0.035 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion: 42 Resp: 97446
Ion Ratio Lower Upper
42 100
74 122.8 93.8 140.6
44 5.8 4.6 6.8





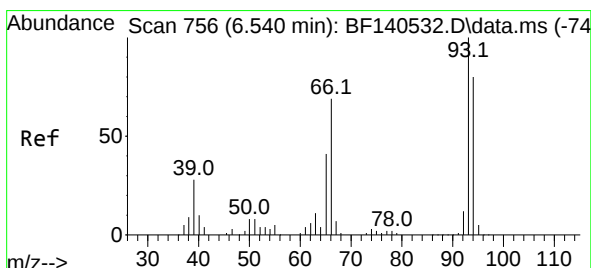
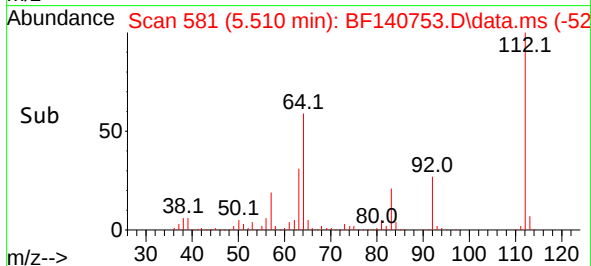
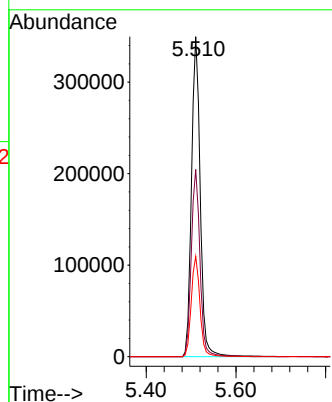
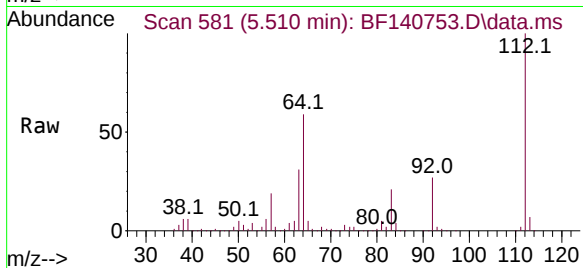
#5
2-Fluorophenol
Concen: 119.465 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:112 Resp: 471950
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 31.3 27.0 40.4

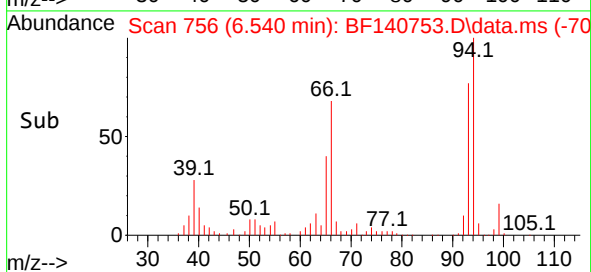
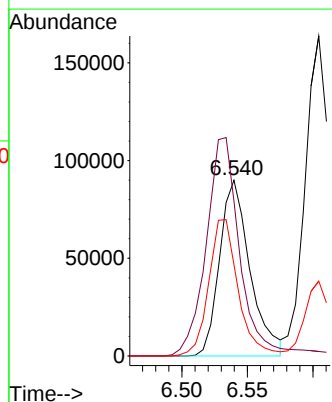
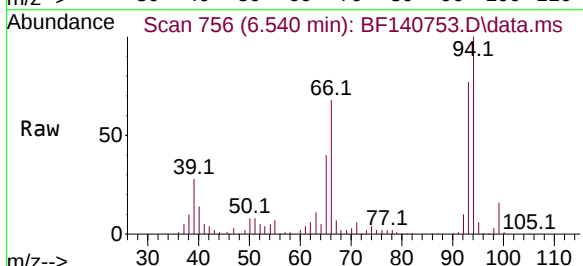
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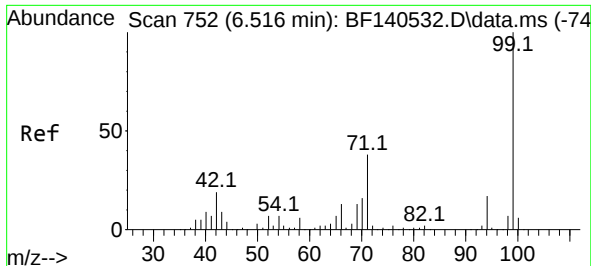
Reviewed By :Yogesh Patel 12/07/2024
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#6
Aniline
Concen: 39.453 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion: 93 Resp: 145030
Ion Ratio Lower Upper
93 100
66 88.2 56.5 84.7#
65 52.0 32.9 49.3#





#7

Phenol-d6

Concen: 119.480 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

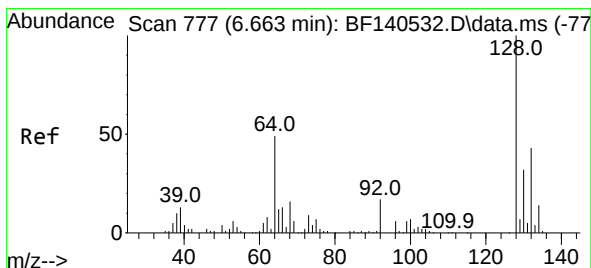
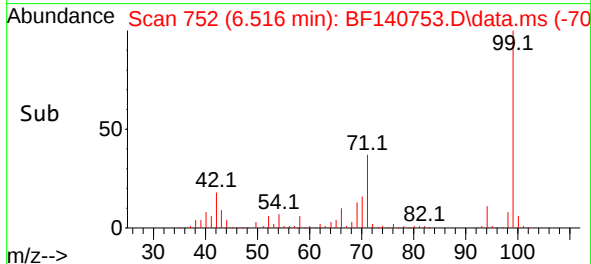
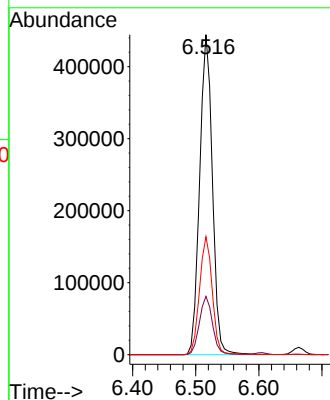
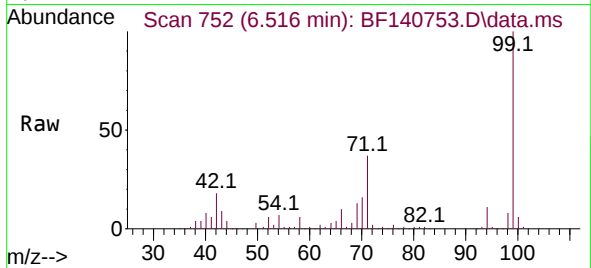
Tgt Ion:	99	Resp:	62401
Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.4	23.0
71	36.8	30.6	46.0

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#8

2-Chlorophenol

Concen: 52.004 ng

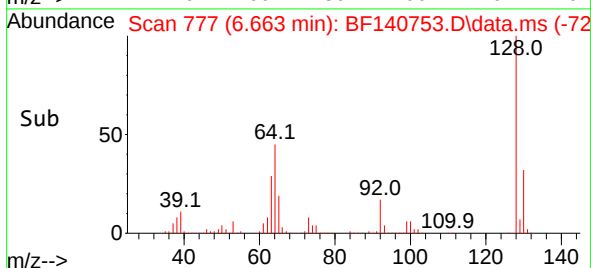
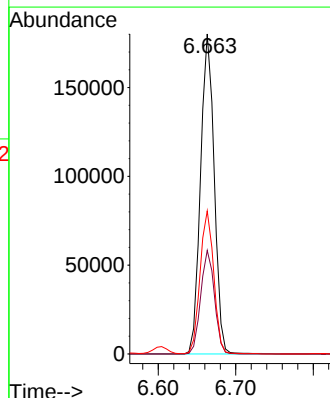
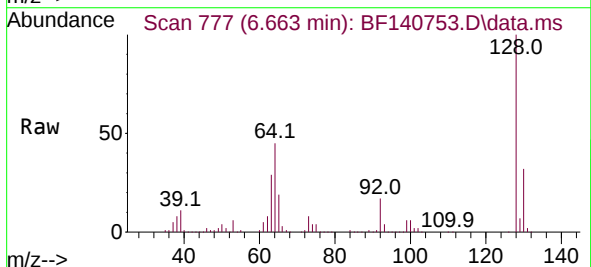
RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Tgt Ion:	128	Resp:	221030
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	44.7	30.2	70.2





#9

Benzaldehyde

Concen: 23.775 ng

RT: 6.422 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

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ClientSampleId :

MH-AMS

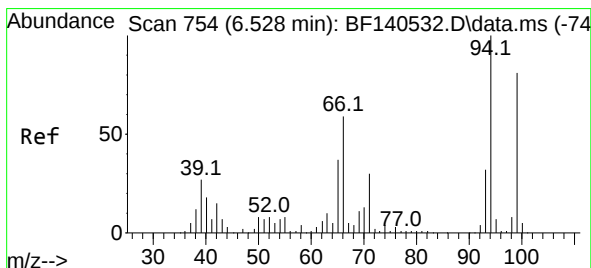
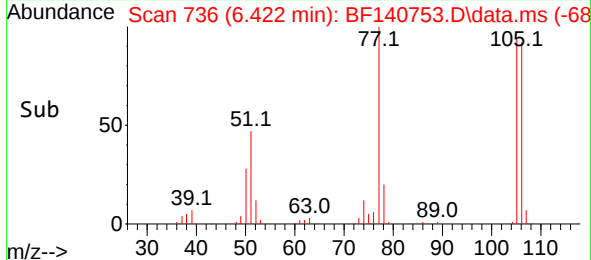
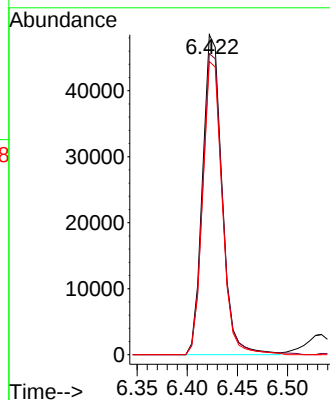
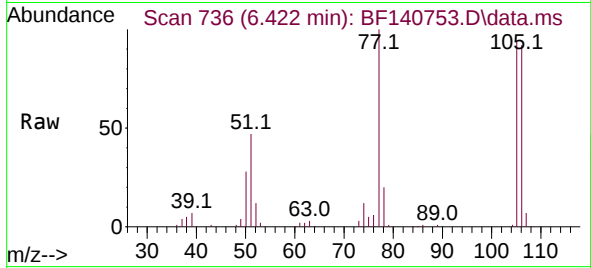
Tgt Ion: 77	Resp: 65738
Ion Ratio	Lower Upper
77 100	
105 94.0	75.6 115.6
106 91.7	72.0 112.0

Manual Integrations

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#10

Phenol

Concen: 52.325 ng

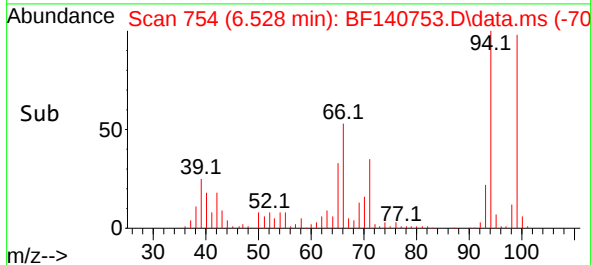
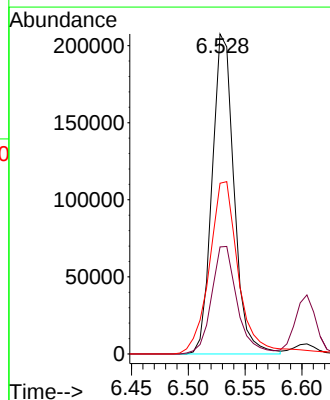
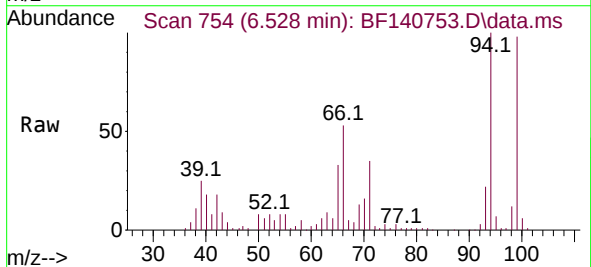
RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Tgt Ion: 94	Resp: 279089
Ion Ratio	Lower Upper
94 100	
65 33.5	17.2 57.2
66 53.3	39.2 79.2





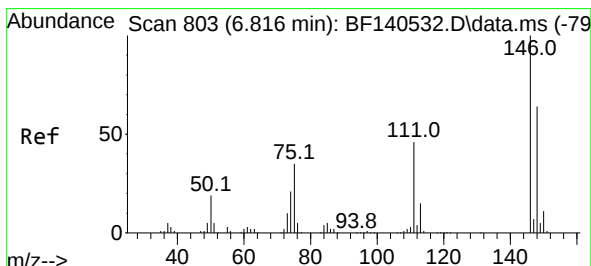
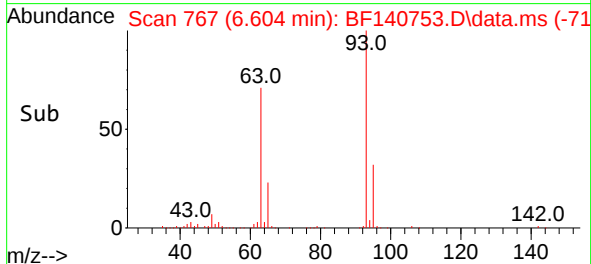
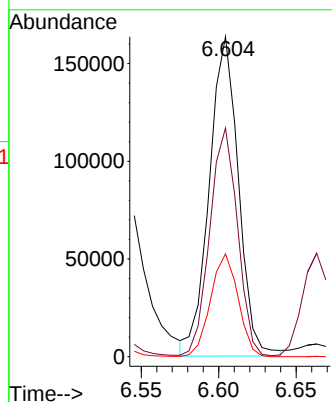
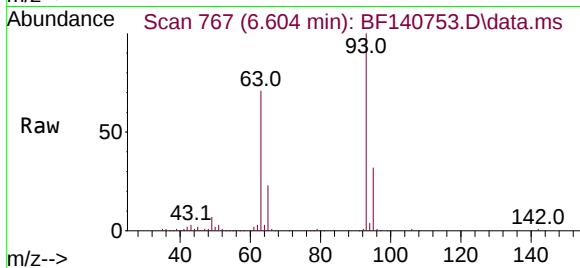
#11
bis(2-Chloroethyl)ether
Concen: 52.461 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion: 93 Resp: 21412
Ion Ratio Lower Upper
93 100
63 71.5 52.8 92.8
95 32.2 12.3 52.3

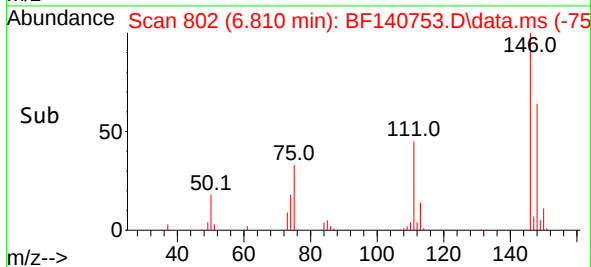
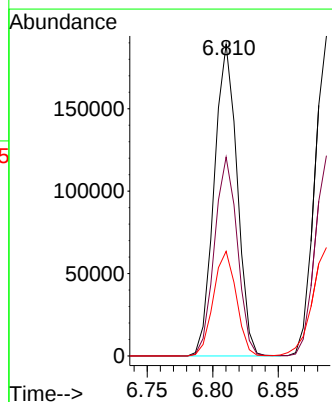
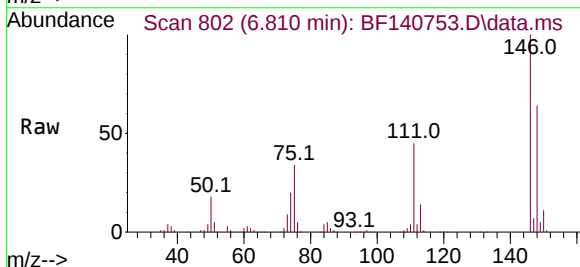
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#12
1,3-Dichlorobenzene
Concen: 48.137 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:146 Resp: 229888
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
75 33.6 28.2 42.2





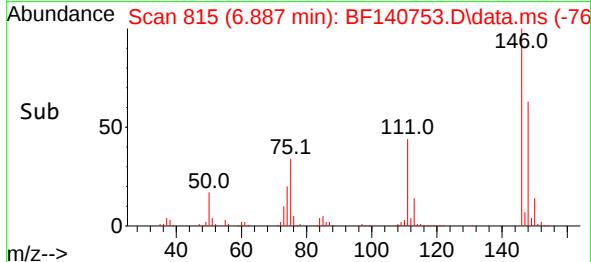
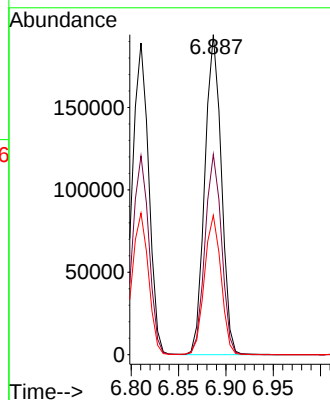
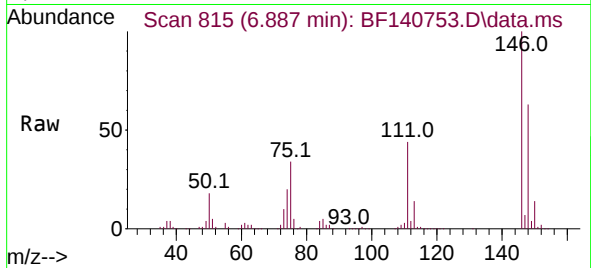
#13
1,4-Dichlorobenzene
Concen: 48.764 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:146 Resp: 235804
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.6
111 43.6 35.3 52.9

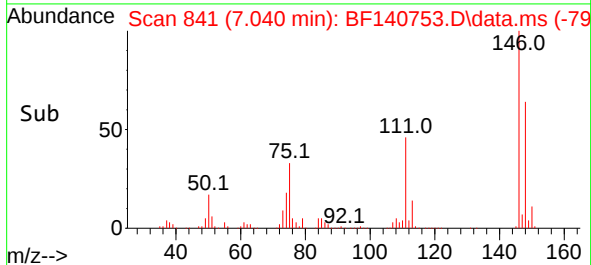
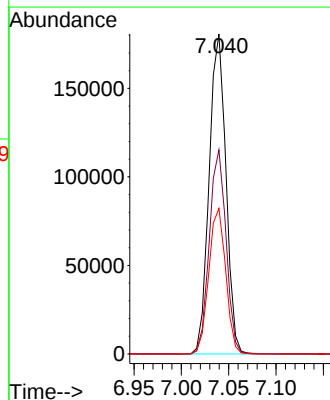
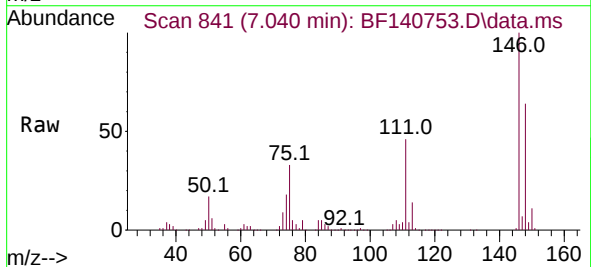
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#14
1,2-Dichlorobenzene
Concen: 49.196 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:146 Resp: 222915
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 45.5 36.7 55.1





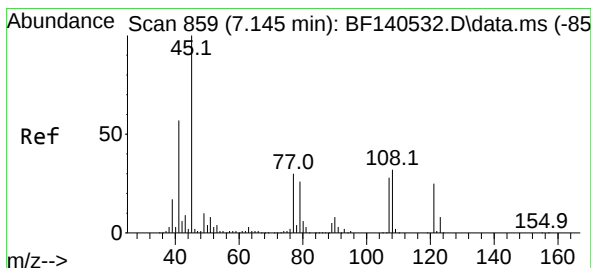
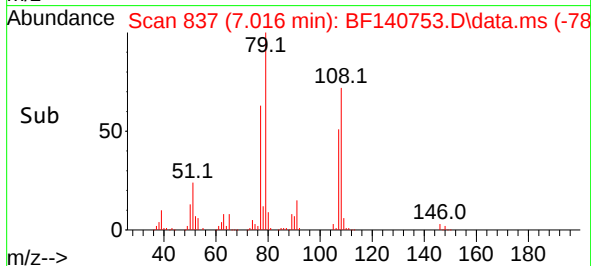
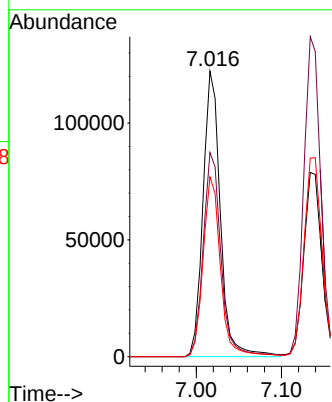
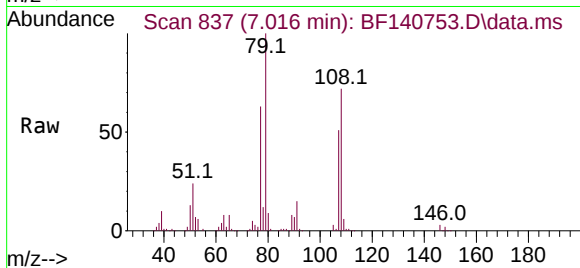
#15
Benzyl Alcohol
Concen: 44.719 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion: 79 Resp: 17320
Ion Ratio Lower Upper
79 100
108 71.5 55.0 82.6
77 63.0 50.1 75.1

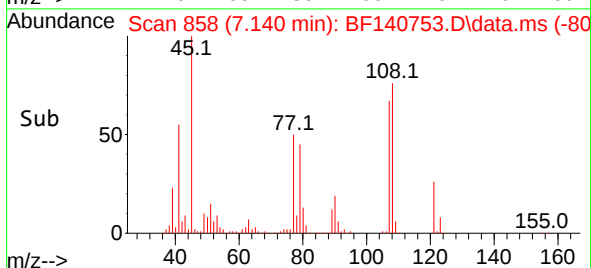
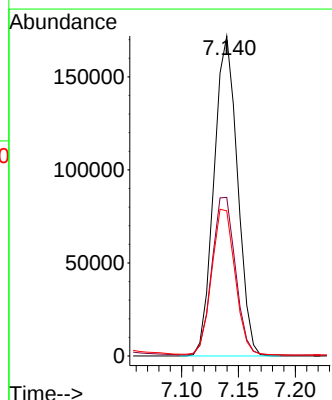
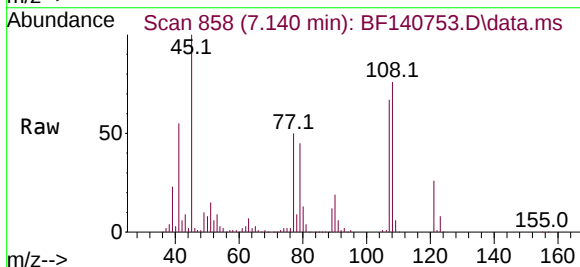
Manual Integrations
APPROVED

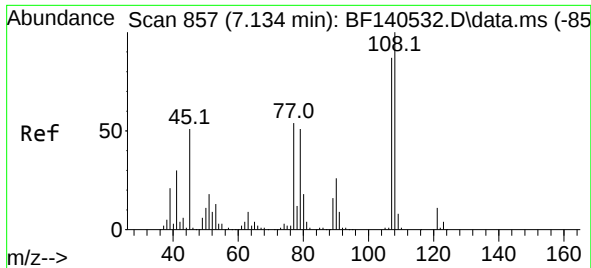
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.255 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

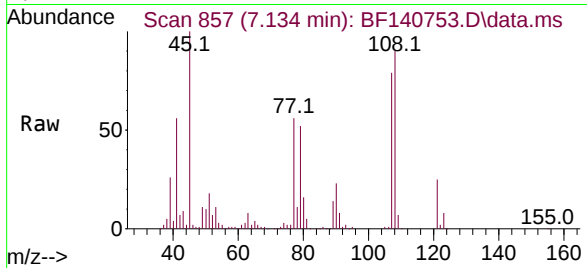
Tgt Ion: 45 Resp: 247146
Ion Ratio Lower Upper
45 100
77 49.5 10.7 50.7
79 45.4 7.0 47.0





#17
2-Methylphenol
Concen: 49.108 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

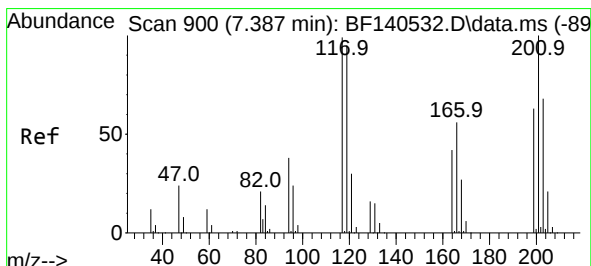
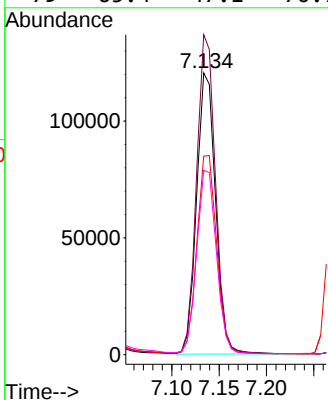
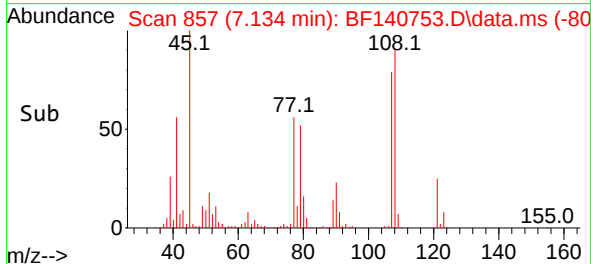
Instrument :
BNA_F
ClientSampleId :
MH-AMS



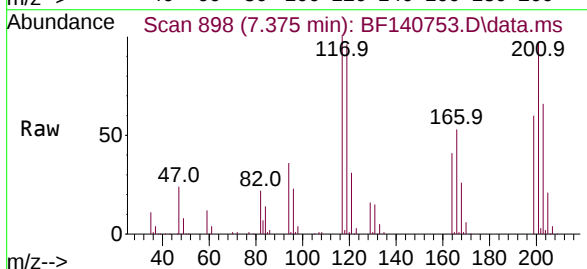
Tgt Ion:107 Resp: 16707
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 70.5 49.3 73.9
79 65.4 47.1 70.7

Manual Integrations
APPROVED

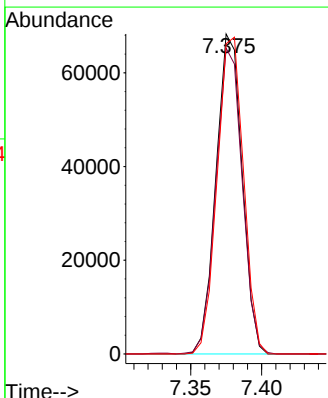
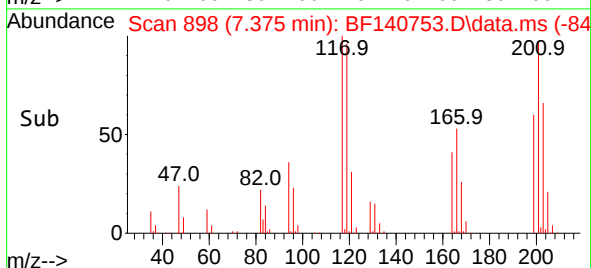
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#18
Hexachloroethane
Concen: 48.380 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19



Tgt Ion:117 Resp: 87377
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7
201 96.9 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 51.146 ng

RT: 7.281 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF140753.D

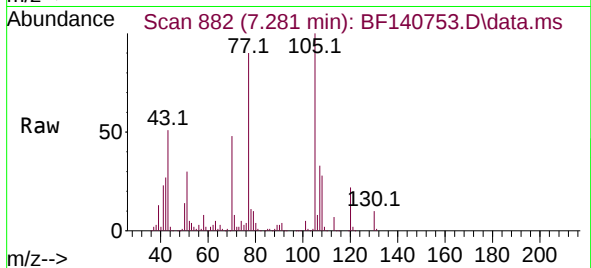
Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS



Tgt Ion: 70 Resp: 15786

Ion Ratio Lower Upper

70 100

42 56.8 47.6 71.4

101 9.6 7.6 11.4

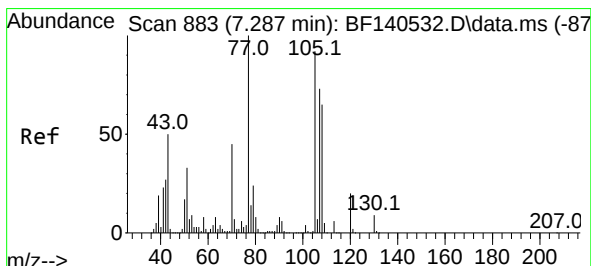
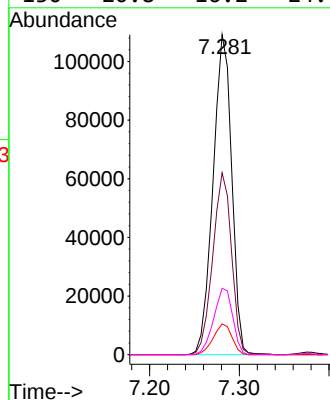
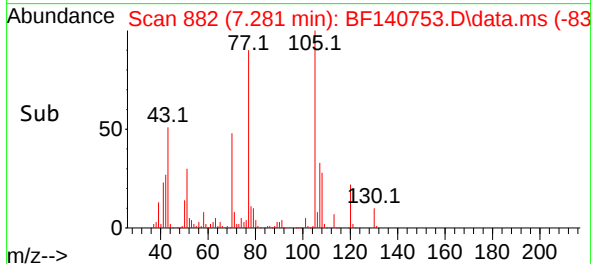
130 20.8 16.2 24.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#20

3+4-Methylphenols

Concen: 51.320 ng

RT: 7.293 min Scan# 884

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Tgt Ion:107 Resp: 224425

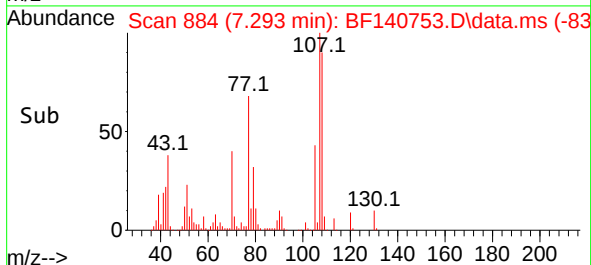
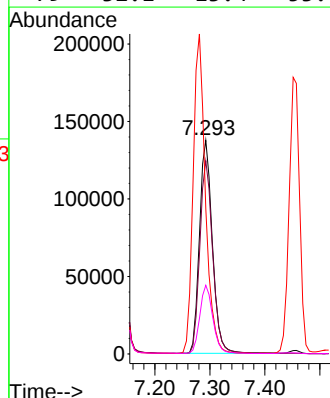
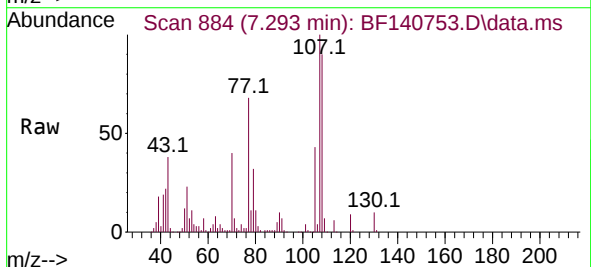
Ion Ratio Lower Upper

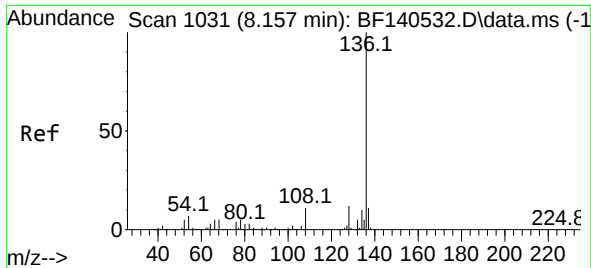
107 100

108 90.4 69.9 109.9

77 68.0 117.7 157.7#

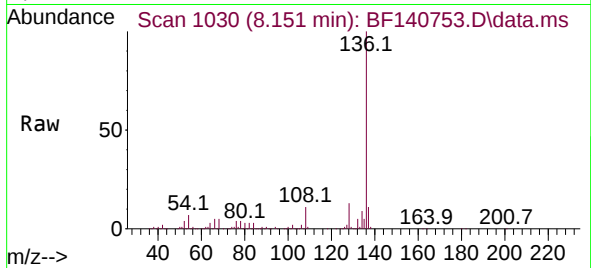
79 32.1 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

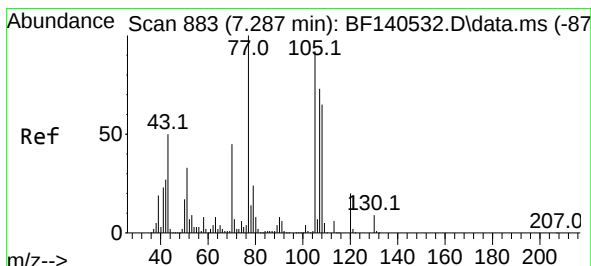
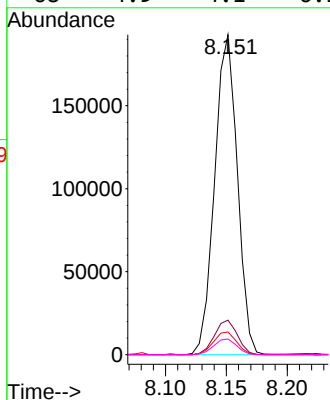
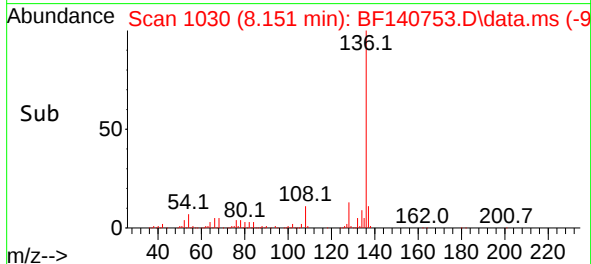
Instrument :
BNA_F
ClientSampleId :
MH-AMS



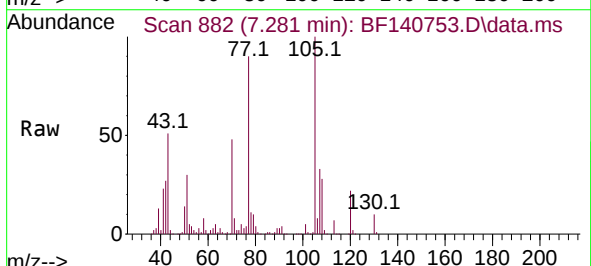
Tgt Ion:136 Resp: 250139
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 5.8 8.8
68 4.9 4.1 6.1

Manual Integrations
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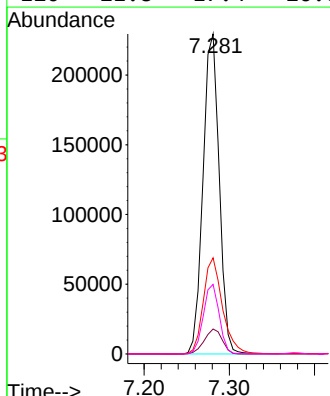
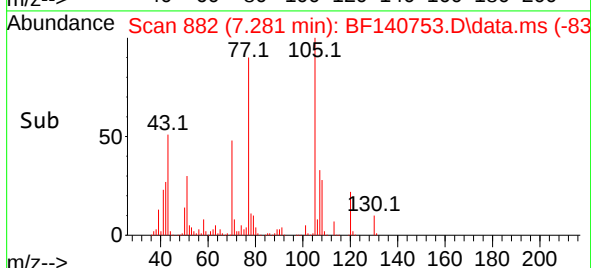
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#22
Acetophenone
Concen: 49.738 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19



Tgt Ion:105 Resp: 303315
Ion Ratio Lower Upper
105 100
71 7.8 6.2 9.2
51 30.1 29.0 43.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 82.384 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion: 82 Resp: 402880

Ion Ratio Lower Upper

82 100

128 43.1 33.0 49.4

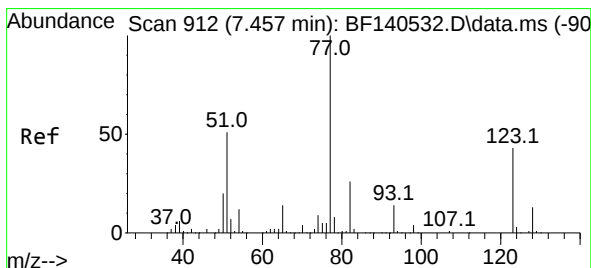
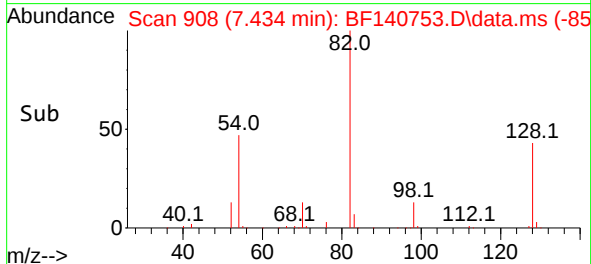
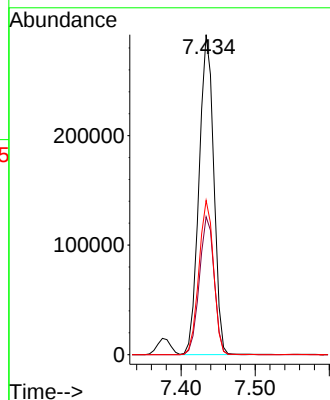
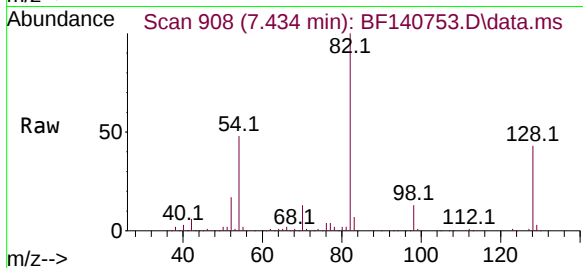
54 48.2 39.5 59.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#24

Nitrobenzene

Concen: 46.475 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

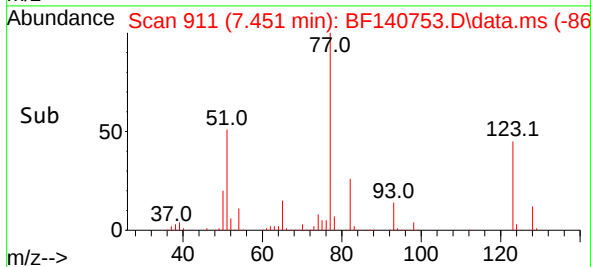
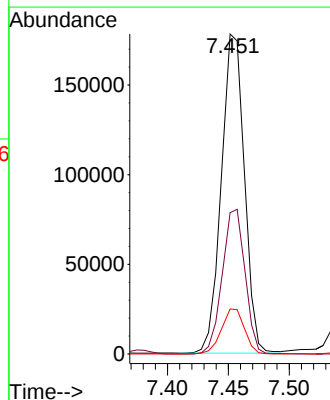
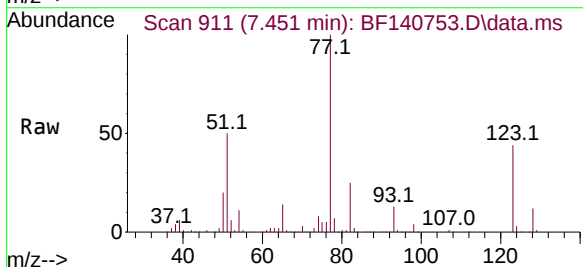
Tgt Ion: 77 Resp: 234895

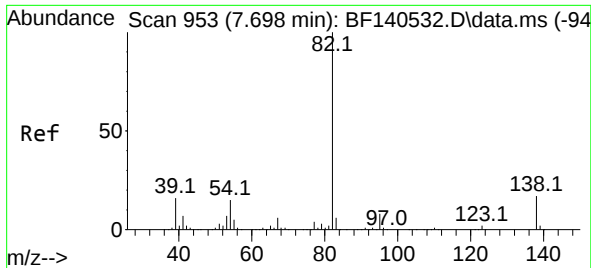
Ion Ratio Lower Upper

77 100

123 44.2 34.3 51.5

65 14.0 11.2 16.8





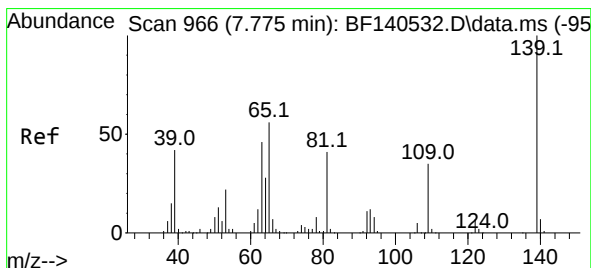
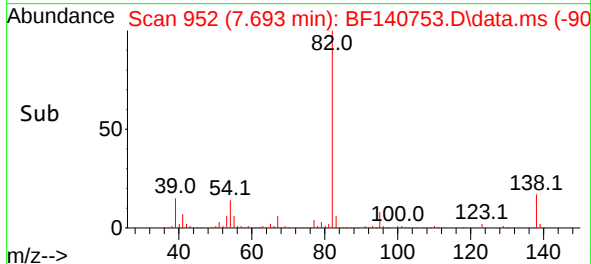
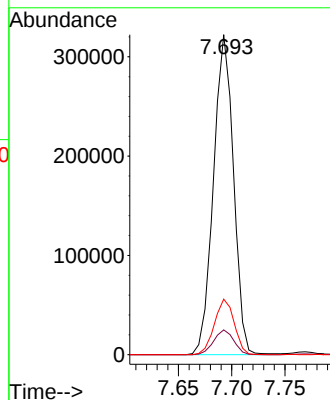
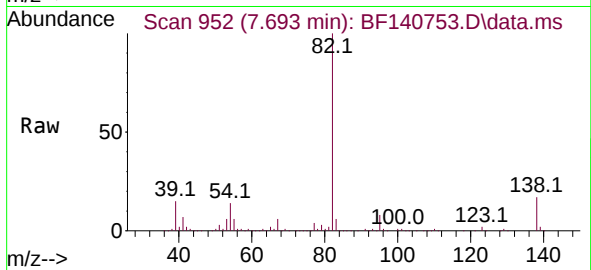
#25
Isophorone
Concen: 51.767 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion: 82 Resp: 422240
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.4 13.8 20.6

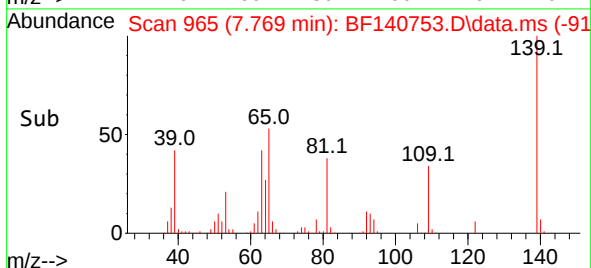
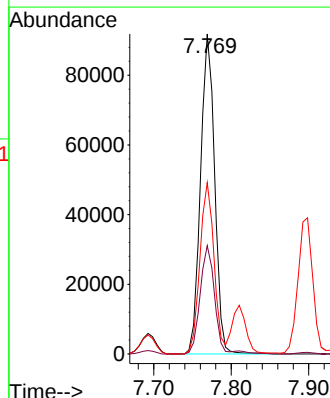
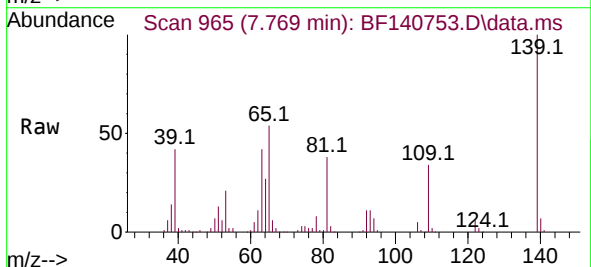
Manual Integrations
APPROVED

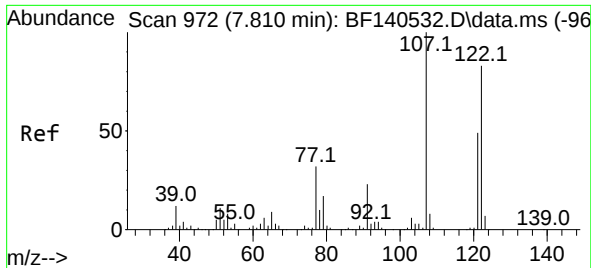
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#26
2-Nitrophenol
Concen: 51.996 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

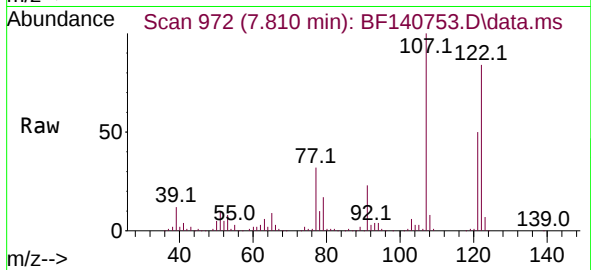
Tgt Ion:139 Resp: 116462
Ion Ratio Lower Upper
139 100
109 33.9 28.0 42.0
65 53.6 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 64.052 ng m
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

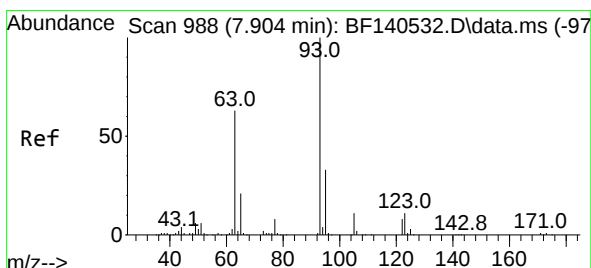
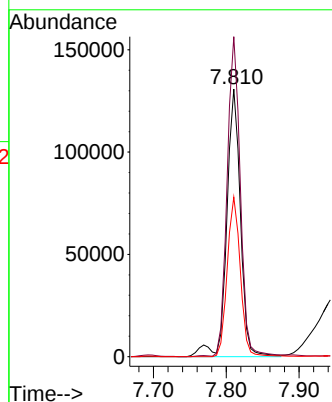
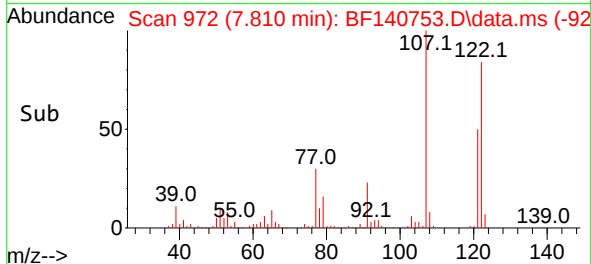
Instrument :
BNA_F
ClientSampleId :
MH-AMS



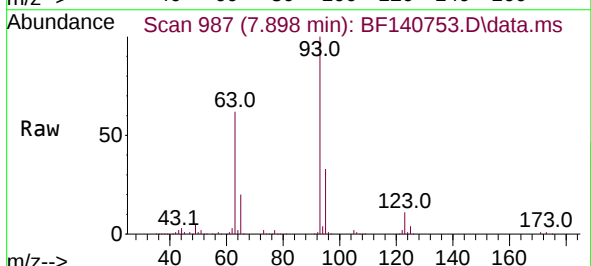
Tgt Ion:122 Resp: 171652
Ion Ratio Lower Upper
122 100
107 119.5 96.8 145.2
121 59.6 47.4 71.0

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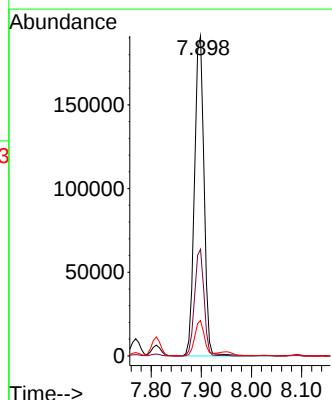
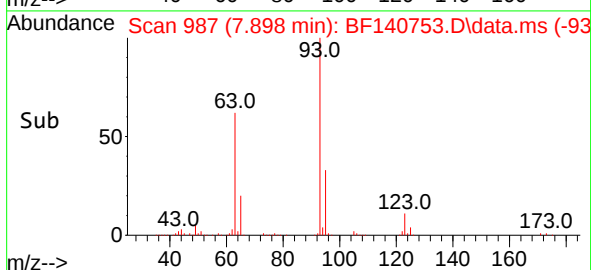
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

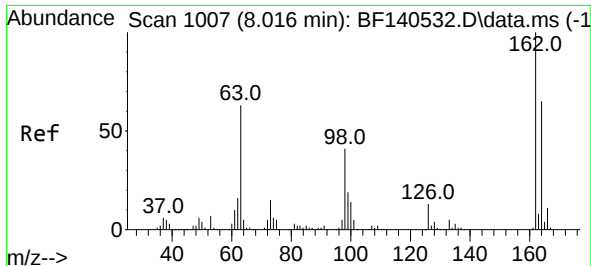


#28
bis(2-Chloroethoxy)methane
Concen: 50.885 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19



Tgt Ion: 93 Resp: 252847
Ion Ratio Lower Upper
93 100
95 33.4 26.1 39.1
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.300 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

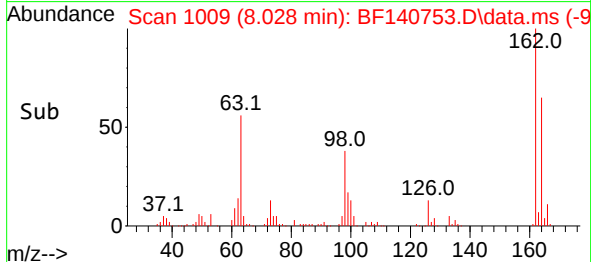
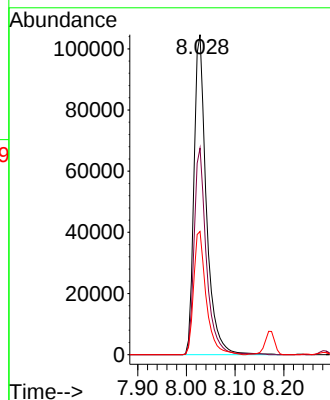
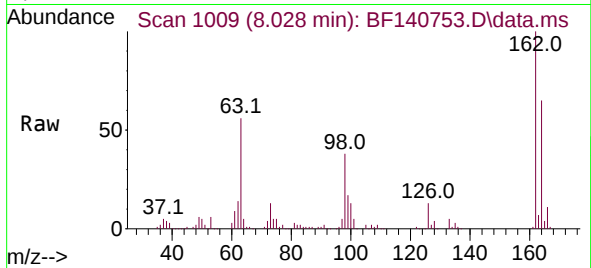
Tgt Ion:162	Resp: 185720
Ion Ratio	Lower Upper
162 100	
164 64.5	44.8 84.8
98 38.5	21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.126 ng

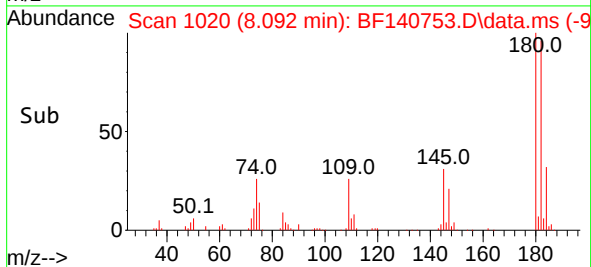
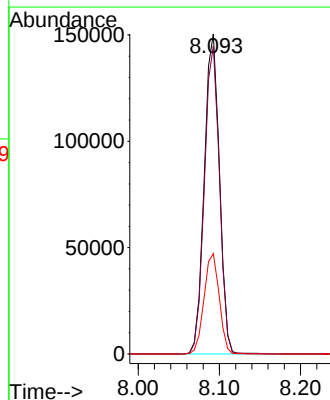
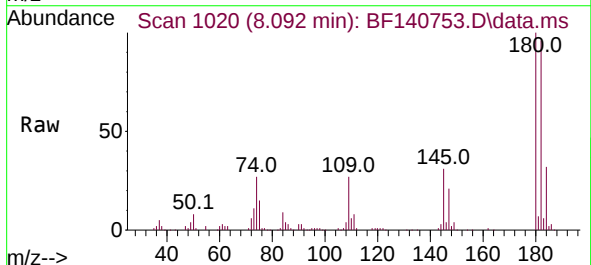
RT: 8.092 min Scan# 1020

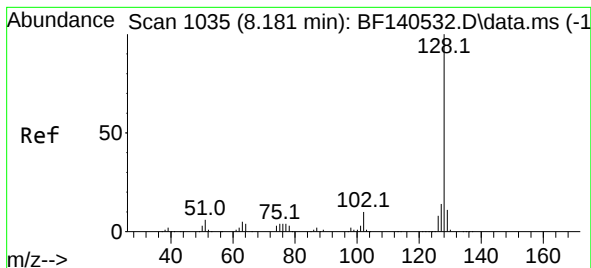
Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

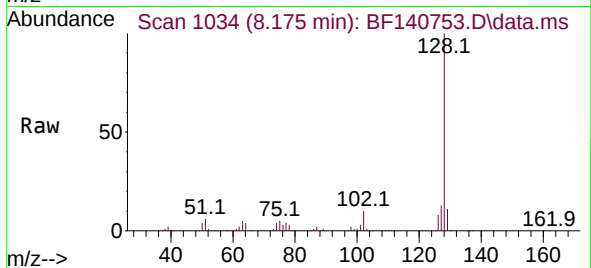
Tgt Ion:180	Resp: 195127
Ion Ratio	Lower Upper
180 100	
182 96.2	76.4 114.6
145 31.4	25.9 38.9





#31
Naphthalene
Concen: 49.418 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

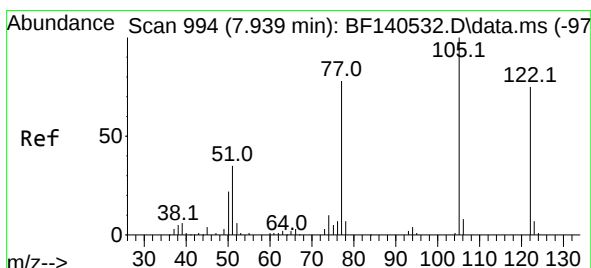
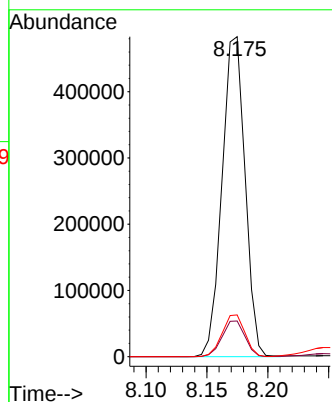
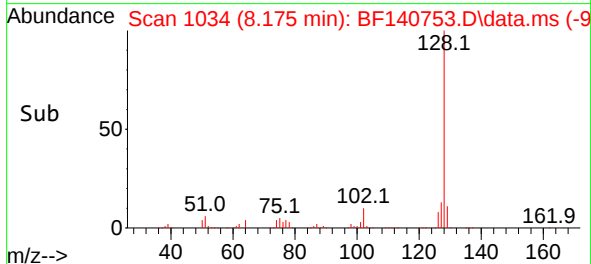
Instrument :
BNA_F
ClientSampleId :
MH-AMS



Tgt Ion:128 Resp: 63672
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.0 10.8 16.2

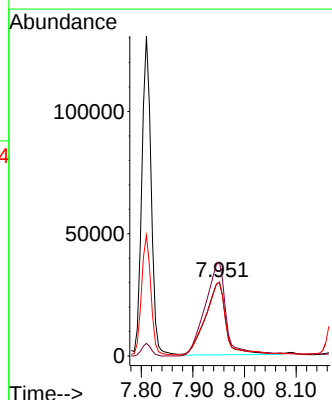
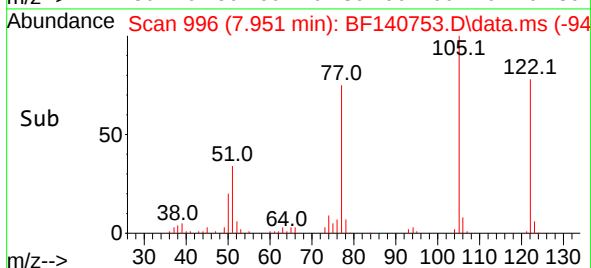
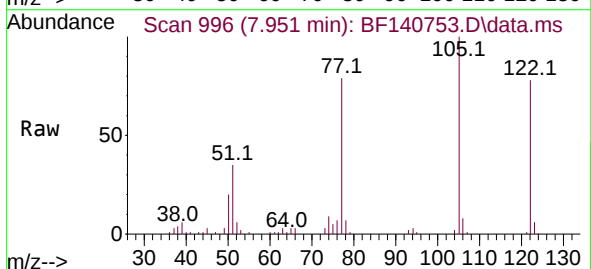
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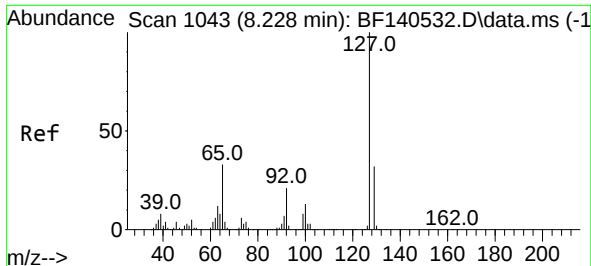
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#32
Benzoic acid
Concen: 37.135 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:122 Resp: 82136
Ion Ratio Lower Upper
122 100
105 127.4 109.3 149.3
77 100.3 82.3 122.3





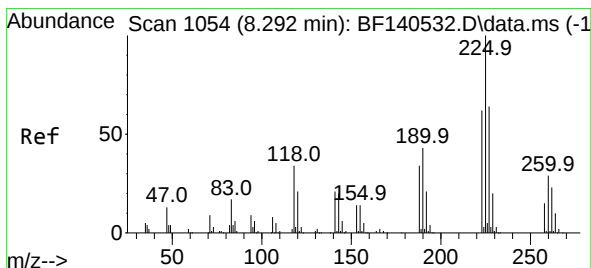
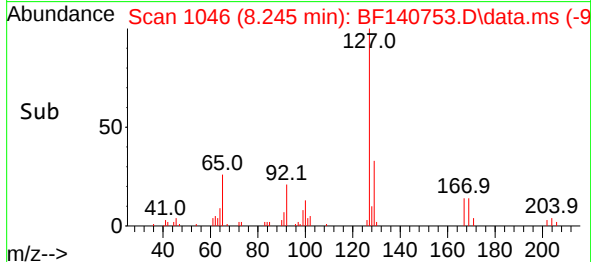
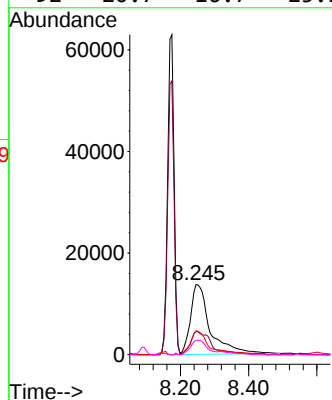
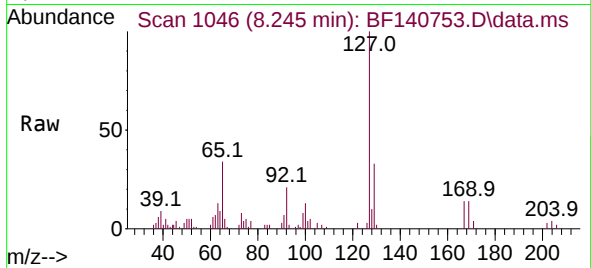
#33
4-Chloroaniline
Concen: 14.152 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.018 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:	127	Resp:	5459
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.0	39.0
65	34.0	26.0	39.0
92	20.7	16.7	25.1

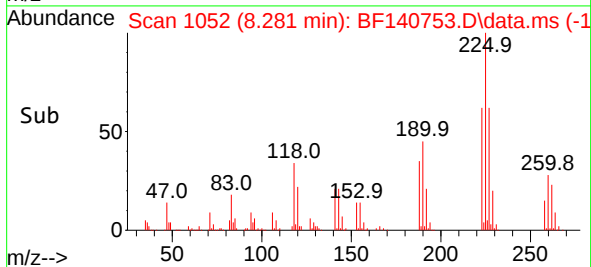
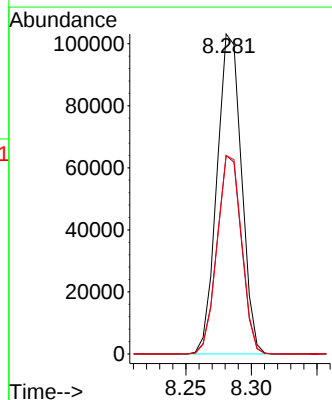
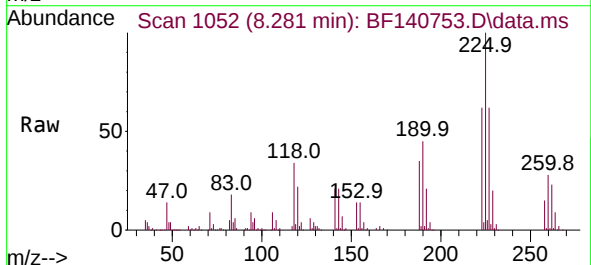
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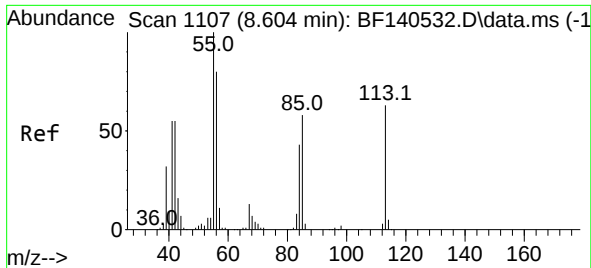
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#34
Hexachlorobutadiene
Concen: 49.893 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:	225	Resp:	133989
Ion Ratio	Lower	Upper	
225	100		
223	62.0	49.8	74.8
227	62.0	51.3	76.9





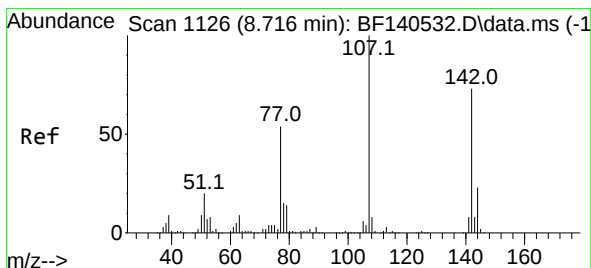
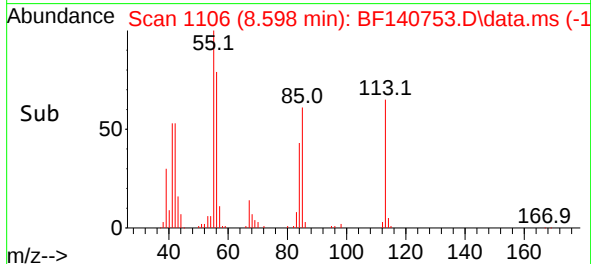
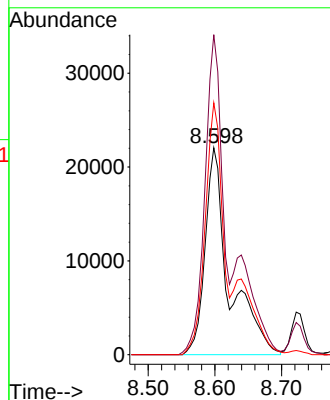
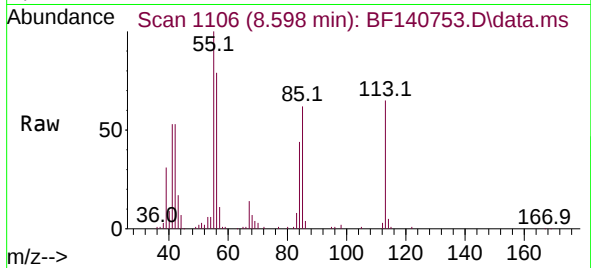
#35
Caprolactam
Concen: 50.349 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:113 Resp: 5533
Ion Ratio Lower Upper
113 100
55 154.7 137.7 177.7
56 121.7 106.4 146.4

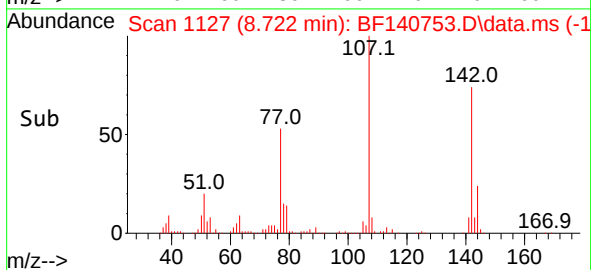
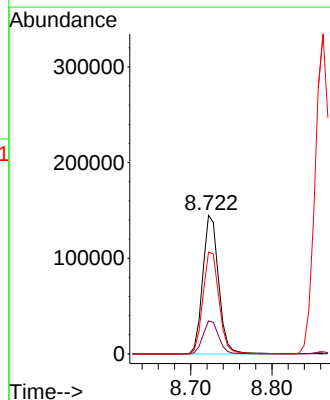
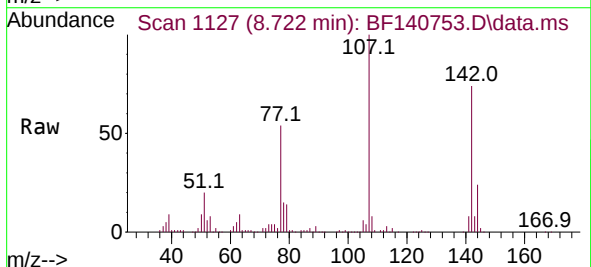
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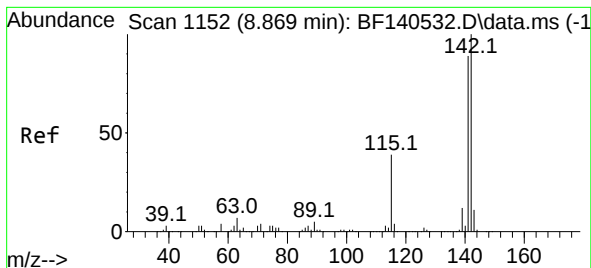
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#36
4-Chloro-3-methylphenol
Concen: 49.597 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:107 Resp: 197193
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 73.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 51.491 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion:142 Resp: 421384

Ion Ratio Lower Upper

142 100

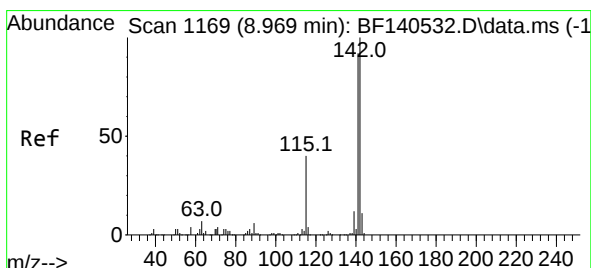
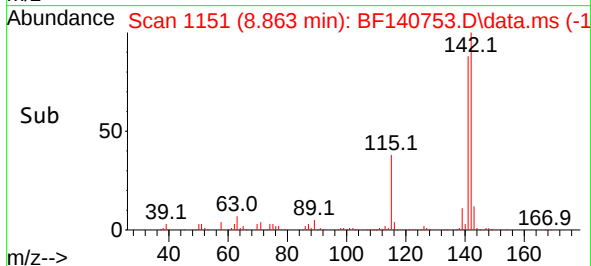
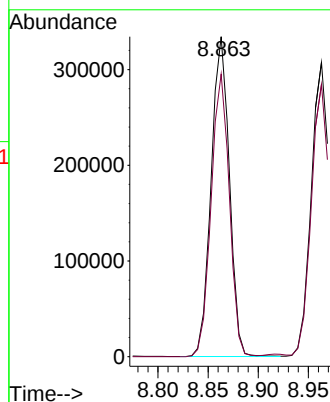
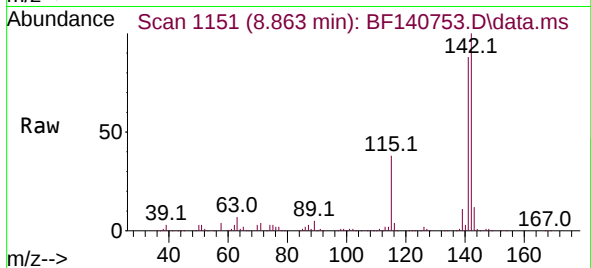
141 88.3 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#38

1-Methylnaphthalene

Concen: 48.248 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140753.D

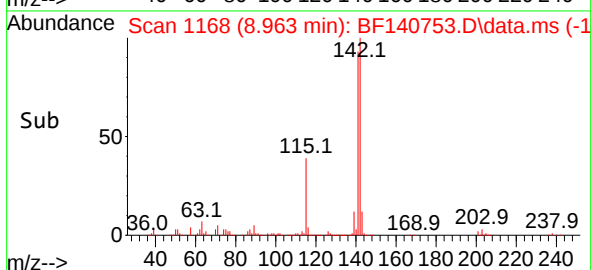
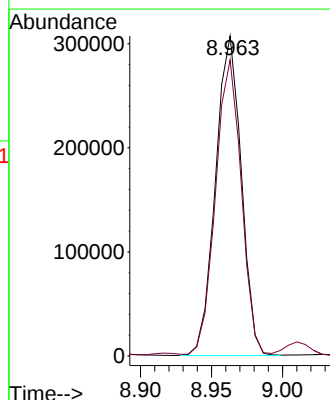
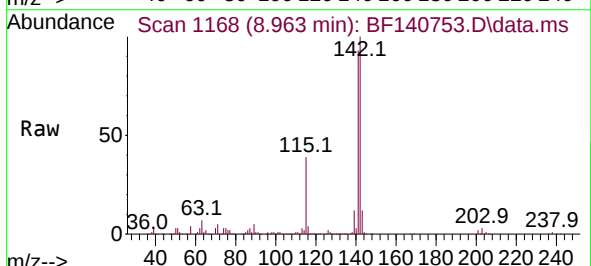
Acq: 05 Dec 2024 17:19

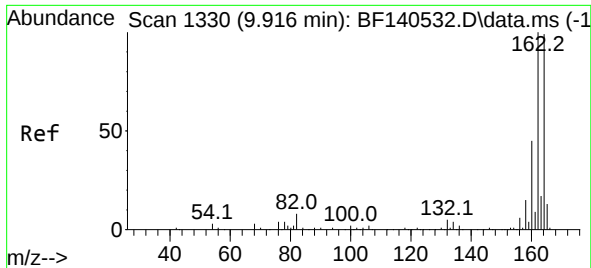
Tgt Ion:142 Resp: 387025

Ion Ratio Lower Upper

142 100

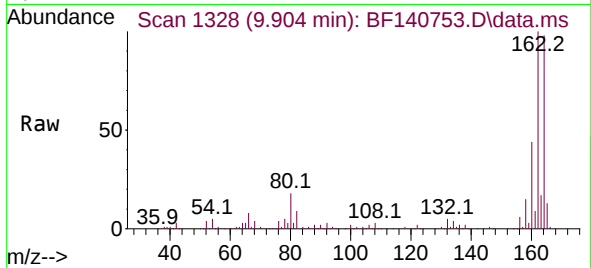
141 92.6 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

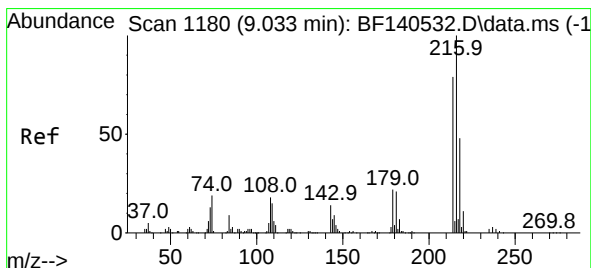
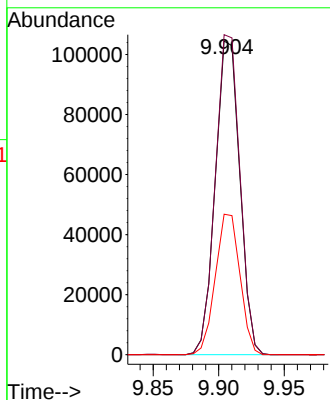
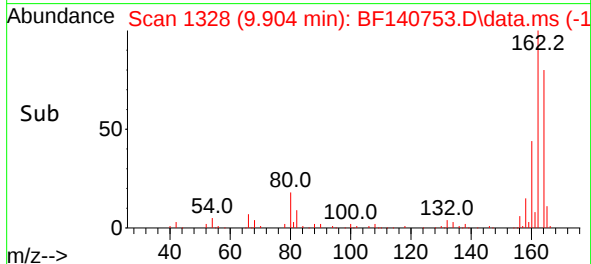
Instrument :
BNA_F
ClientSampleId :
MH-AMS



Tgt Ion:164 Resp: 136184
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 44.8 36.2 54.4

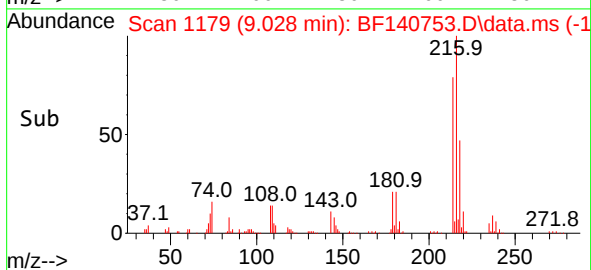
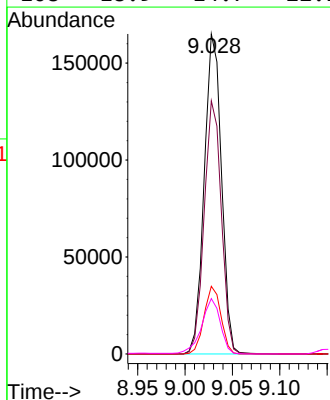
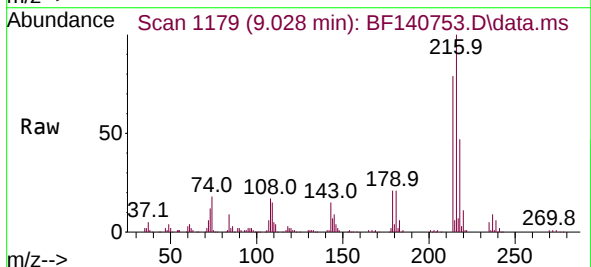
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.329 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

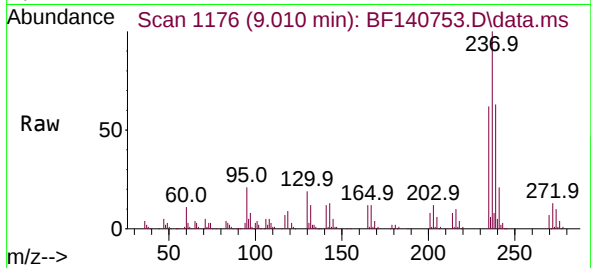
Tgt Ion:216 Resp: 208624
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.7 17.5 26.3
108 18.9 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 144.642 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

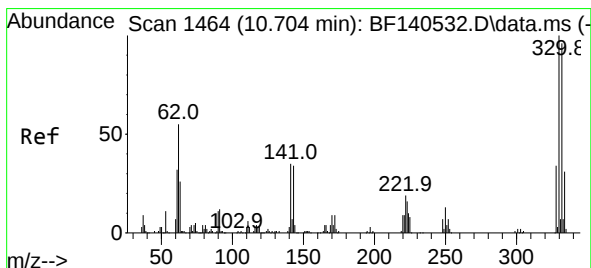
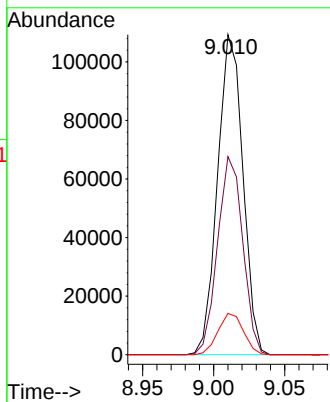
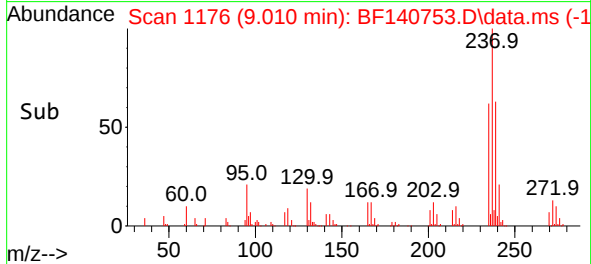
Instrument :
BNA_F
ClientSampleId :
MH-AMS



Tgt Ion:237 Resp: 135429
Ion Ratio Lower Upper
237 100
235 61.9 41.1 81.1
272 12.9 0.0 32.6

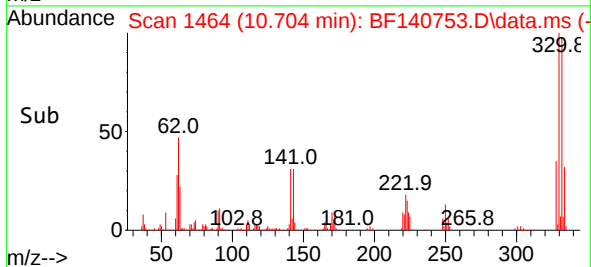
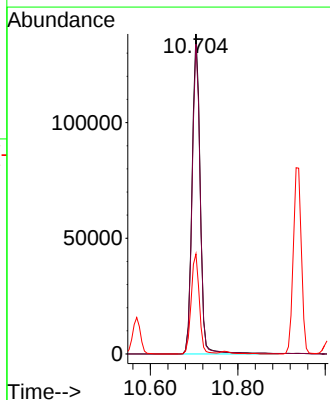
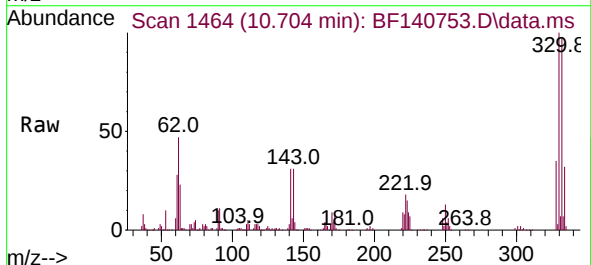
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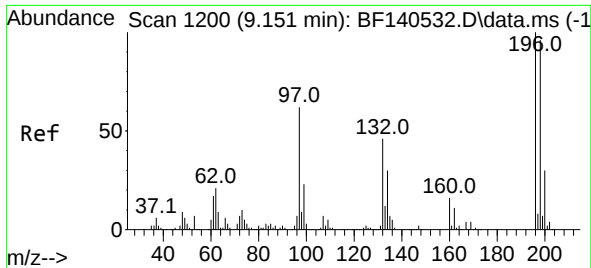
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#42
2,4,6-Tribromophenol
Concen: 122.138 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:330 Resp: 177893
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 31.4 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 51.373 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion:196 Resp: 128518

Ion Ratio Lower Upper

196 100

198 96.5 76.8 115.2

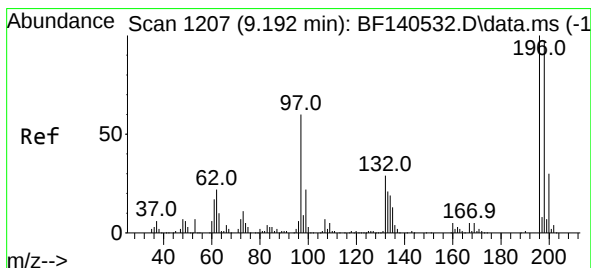
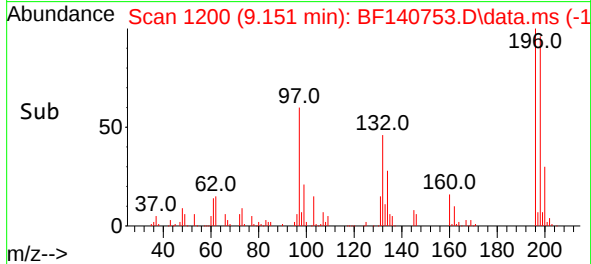
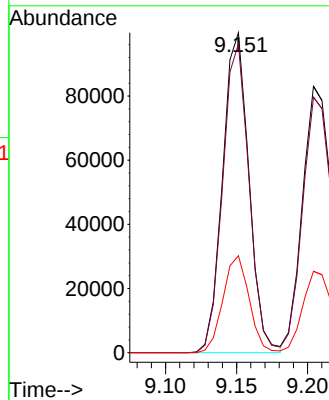
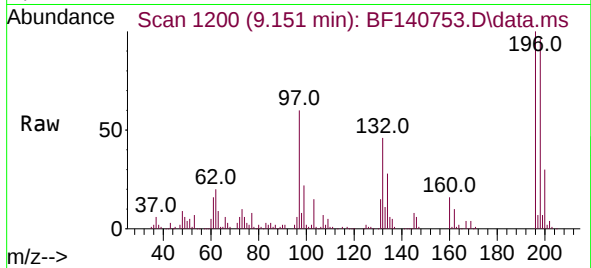
200 30.3 24.3 36.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#44

2,4,5-Trichlorophenol

Concen: 48.143 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Tgt Ion:196 Resp: 130709

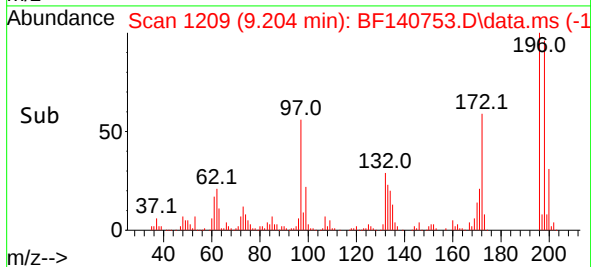
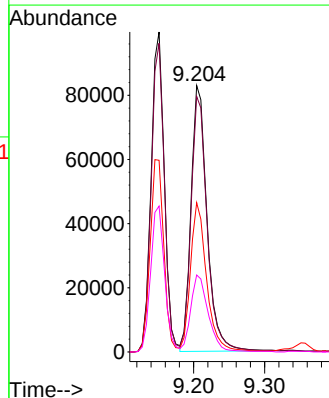
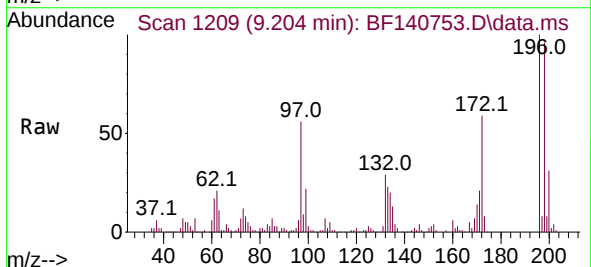
Ion Ratio Lower Upper

196 100

198 95.9 77.2 115.8

97 56.0 47.1 70.7

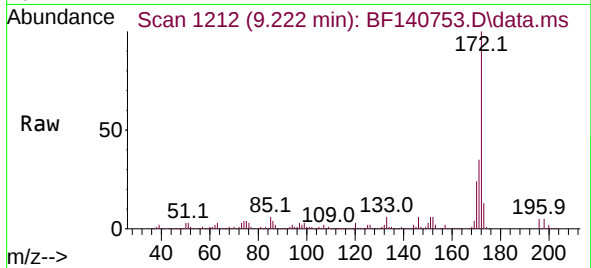
132 28.9 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 82.888 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

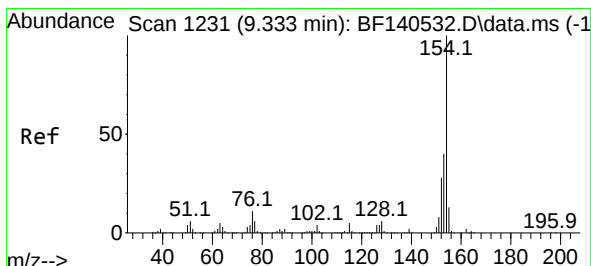
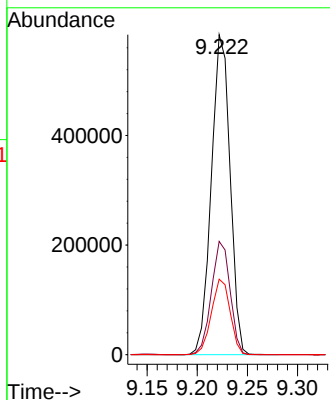
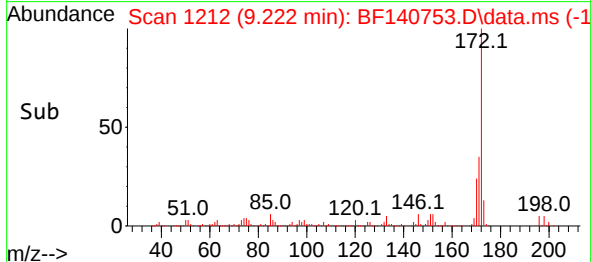
Instrument :
BNA_F
ClientSampleId :
MH-AMS



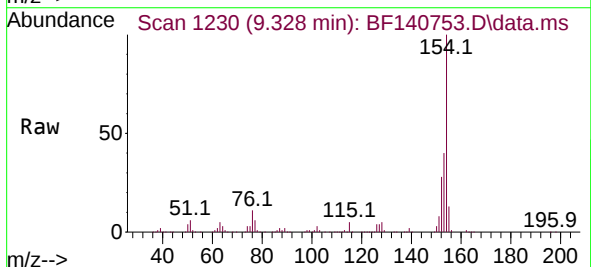
Tgt Ion:172 Resp: 757610
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 19.0 28.6

Manual Integrations
APPROVED

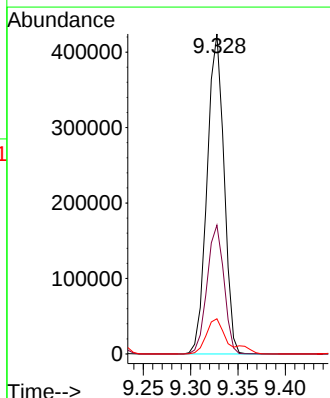
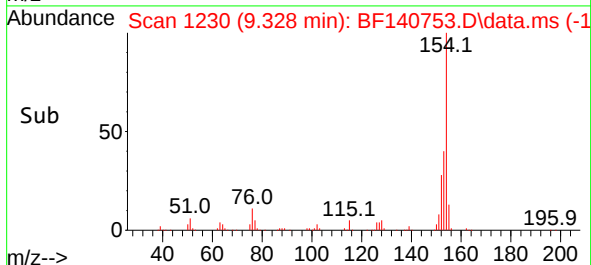
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#46
1,1'-Biphenyl
Concen: 51.723 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19



Tgt Ion:154 Resp: 525902
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 49.892 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion:162 Resp: 38438

Ion Ratio Lower Upper

162 100

127 44.5 35.7 53.5

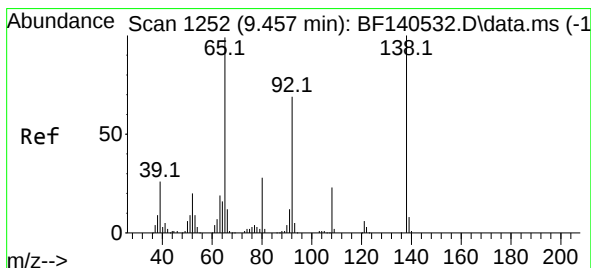
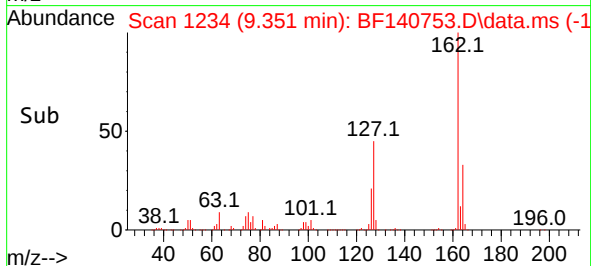
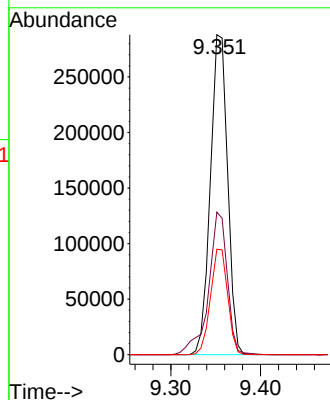
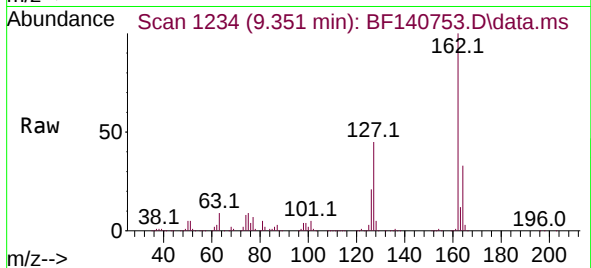
164 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#48

2-Nitroaniline

Concen: 48.796 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

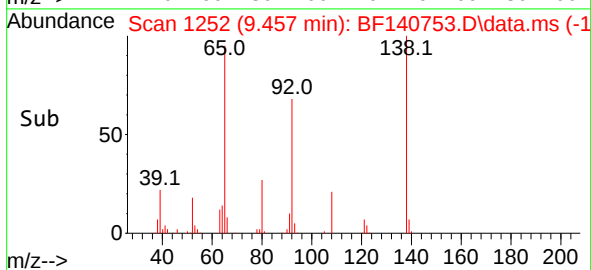
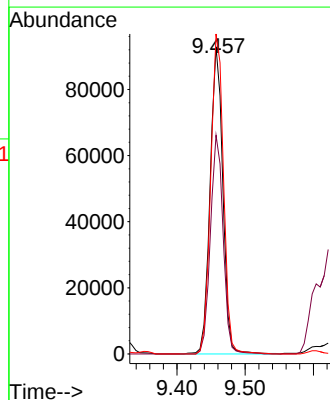
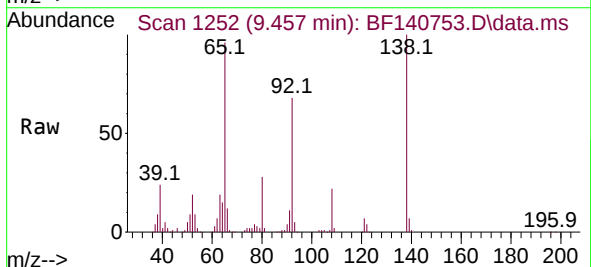
Tgt Ion: 65 Resp: 120667

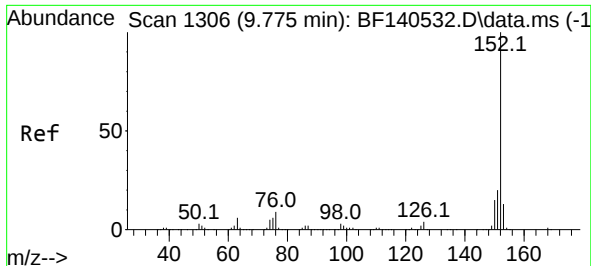
Ion Ratio Lower Upper

65 100

92 71.2 56.1 84.1

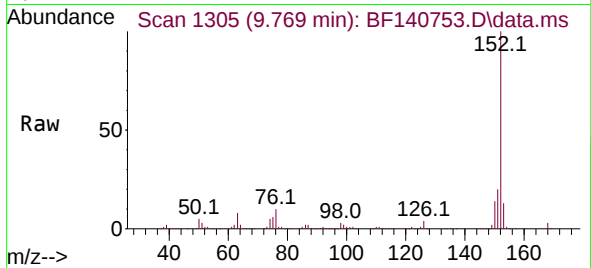
138 104.2 81.0 121.6





#49
Acenaphthylene
Concen: 53.880 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

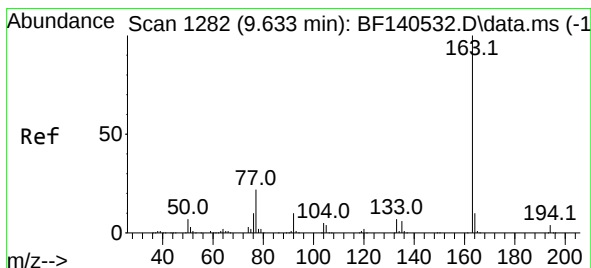
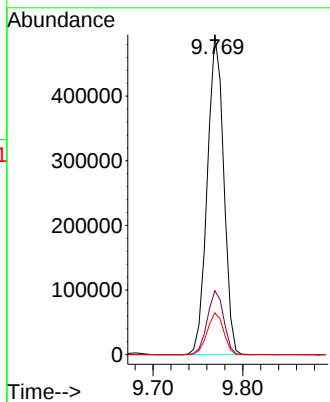
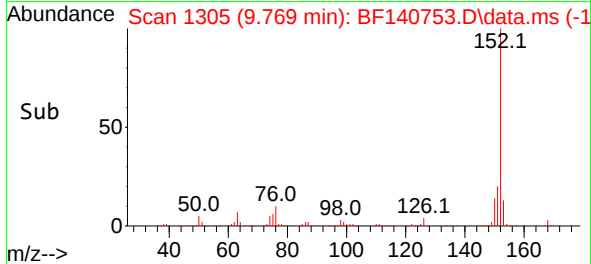
Instrument :
BNA_F
ClientSampleId :
MH-AMS



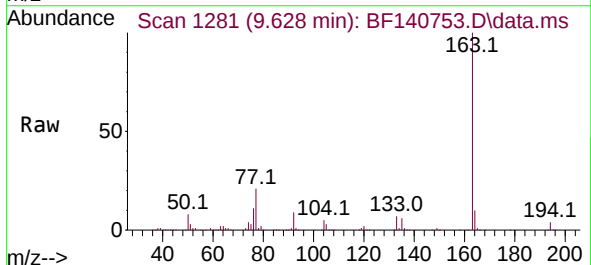
Tgt Ion:152 Resp: 627189
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.1 10.6 16.0

Manual Integrations
APPROVED

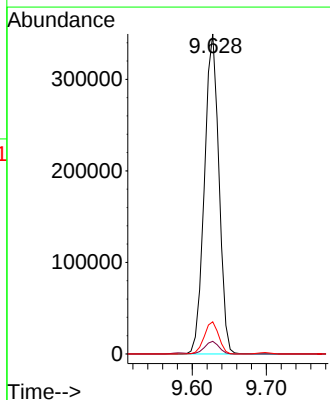
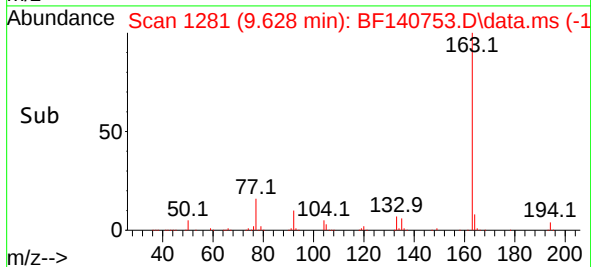
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

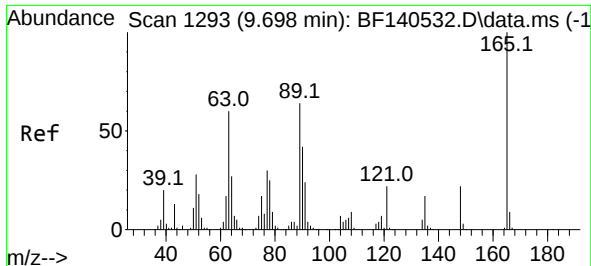


#50
Dimethylphthalate
Concen: 52.871 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19



Tgt Ion:163 Resp: 474200
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.2





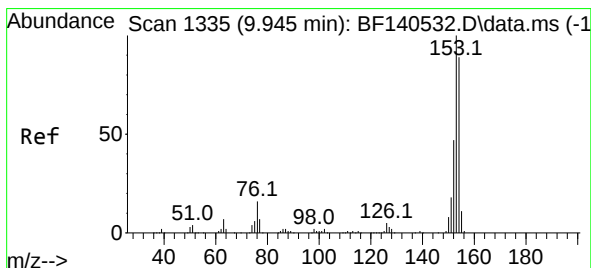
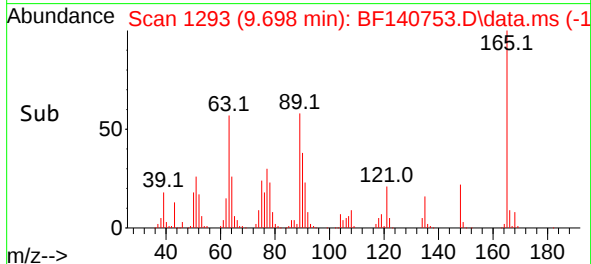
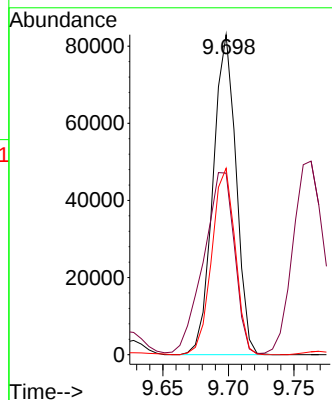
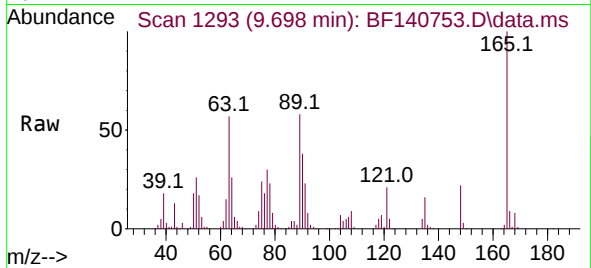
#51
2,6-Dinitrotoluene
Concen: 49.783 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:165 Resp: 101264
Ion Ratio Lower Upper
165 100
63 56.8 49.9 74.9
89 58.3 50.9 76.3

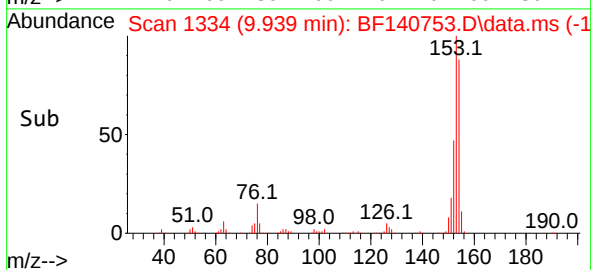
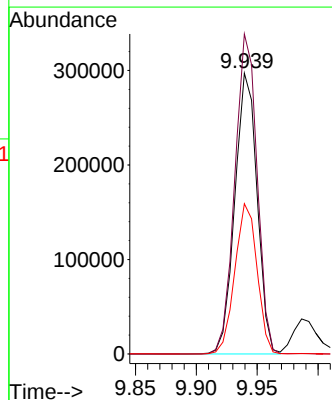
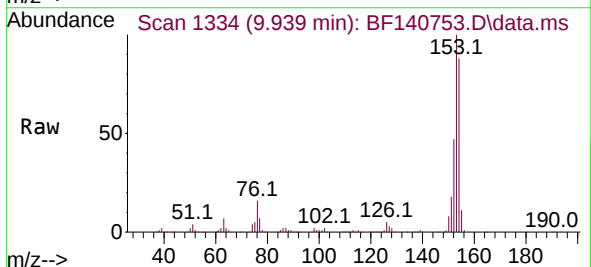
Manual Integrations
APPROVED

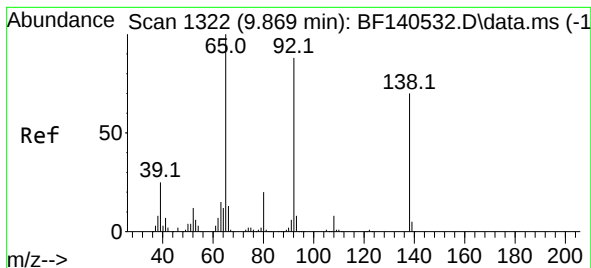
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#52
Acenaphthene
Concen: 51.215 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:154 Resp: 378799
Ion Ratio Lower Upper
154 100
153 114.0 89.7 134.5
152 53.5 42.5 63.7





#53

3-Nitroaniline

Concen: 32.440 ng

RT: 9.875 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion:138 Resp: 64539

Ion Ratio Lower Upper

138 100

108 11.2 9.2 13.8

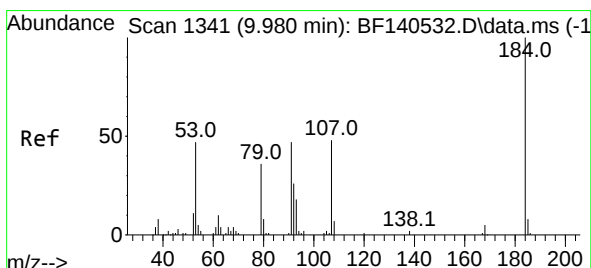
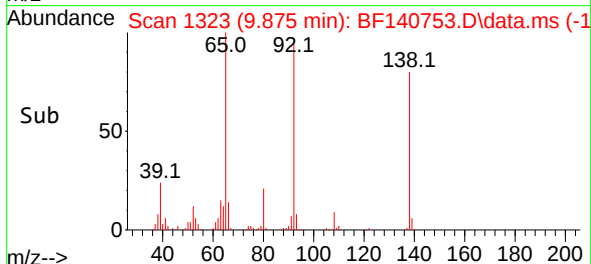
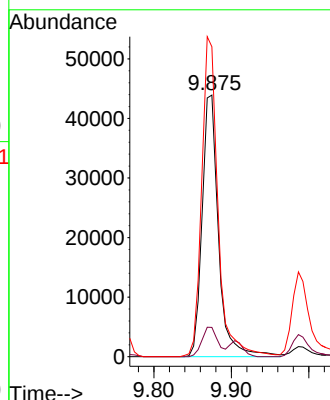
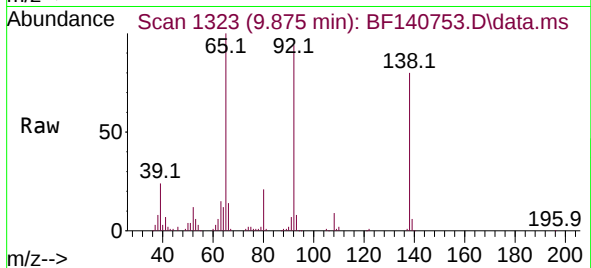
92 118.5 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#54

2,4-Dinitrophenol

Concen: 80.803 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

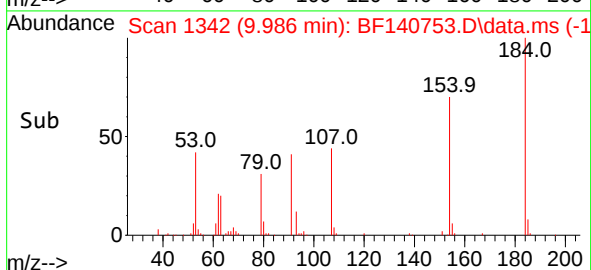
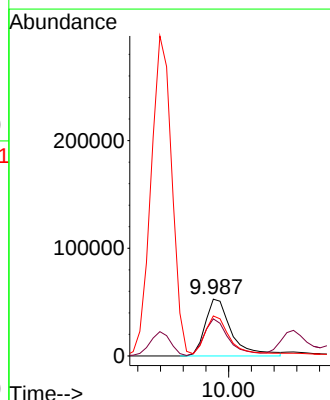
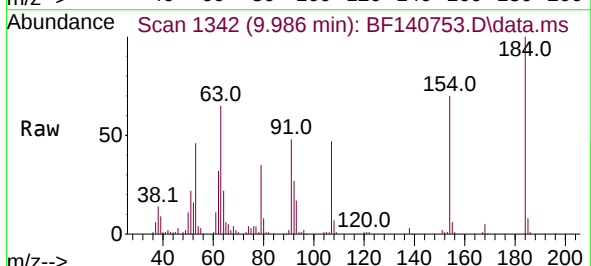
Tgt Ion:184 Resp: 85216

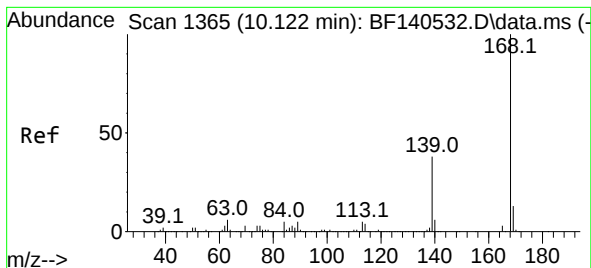
Ion Ratio Lower Upper

184 100

63 65.4 54.1 81.1

154 70.4 57.4 86.0





#55

Dibenzenofuran

Concen: 50.719 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion:168 Resp: 57220

Ion Ratio Lower Upper

168 100

139 39.6 31.3 46.9

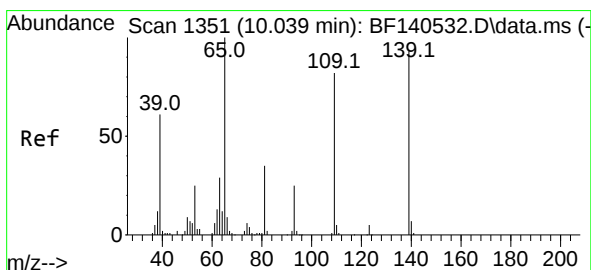
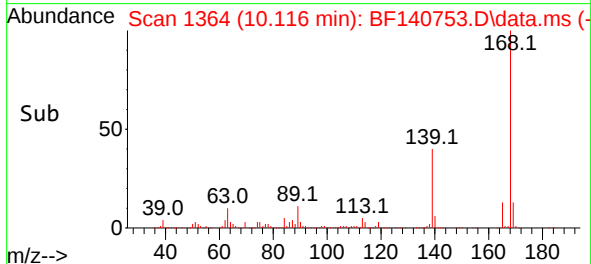
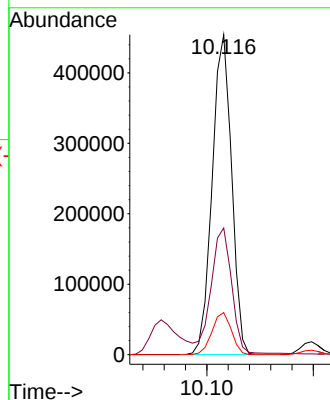
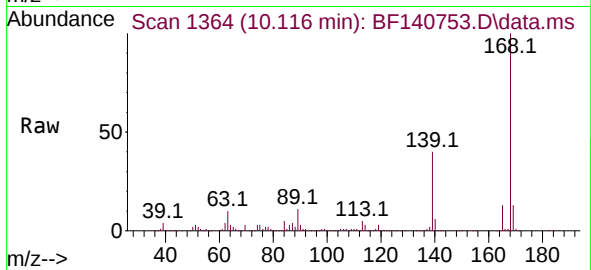
169 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#56

4-Nitrophenol

Concen: 66.967 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

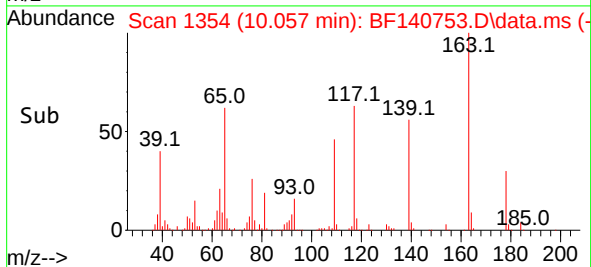
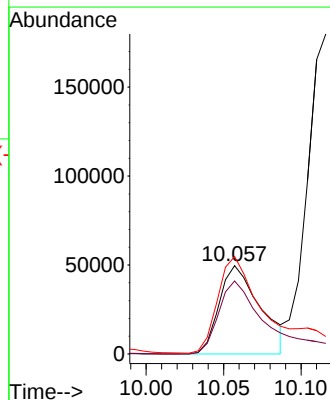
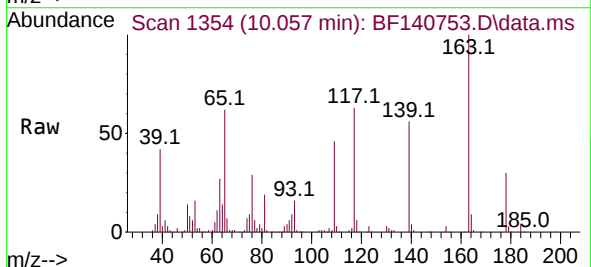
Tgt Ion:139 Resp: 90861

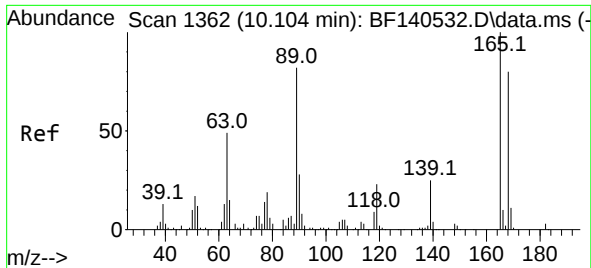
Ion Ratio Lower Upper

139 100

109 82.6 68.4 108.4

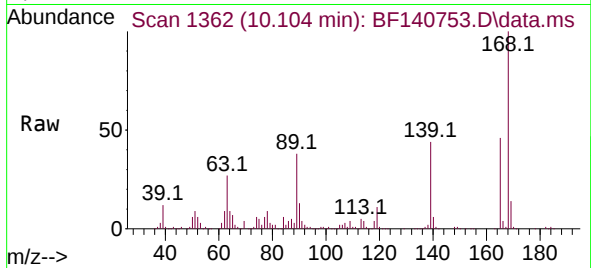
65 110.5 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 49.227 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

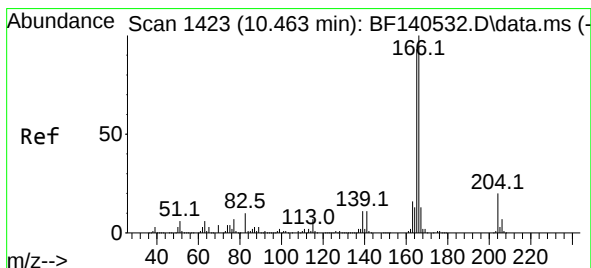
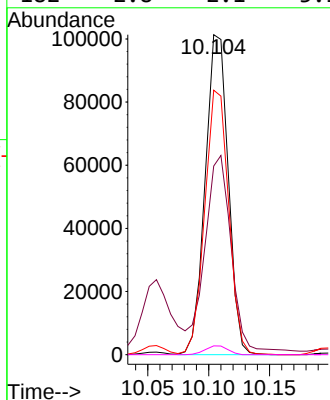
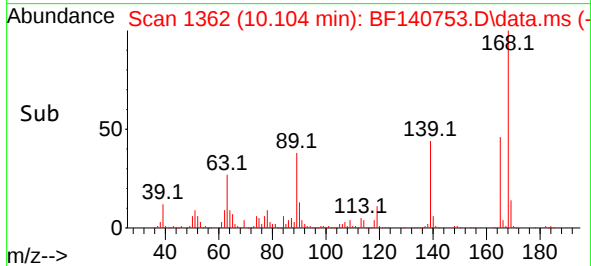
Instrument :
BNA_F
ClientSampleId :
MH-AMS



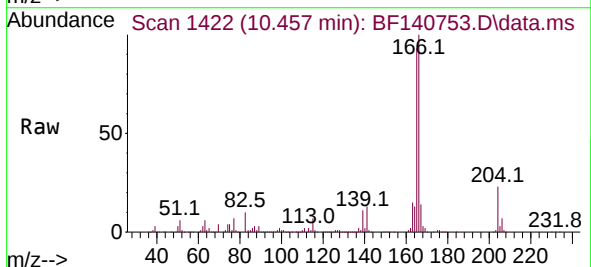
Tgt Ion:165 Resp: 13308
Ion Ratio Lower Upper
165 100
63 59.0 41.7 62.5
89 82.7 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations
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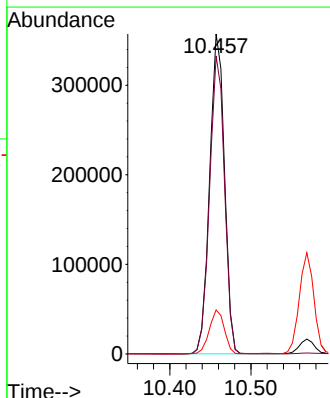
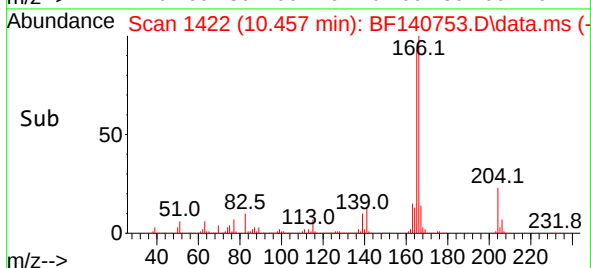
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

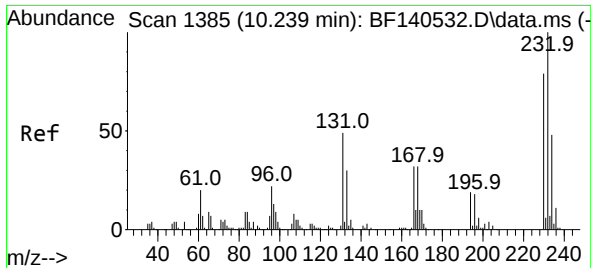


#58
Fluorene
Concen: 49.960 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19



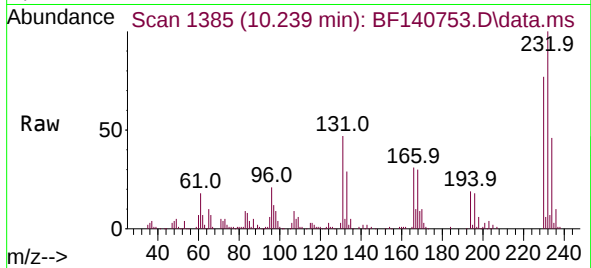
Tgt Ion:166 Resp: 452412
Ion Ratio Lower Upper
166 100
165 93.1 74.6 111.8
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.850 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

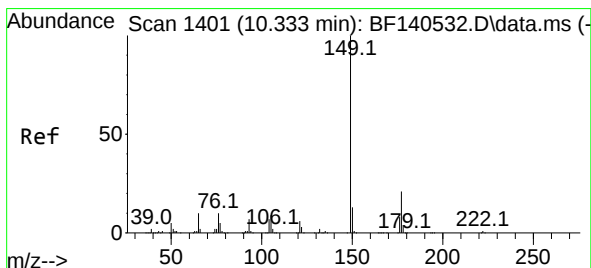
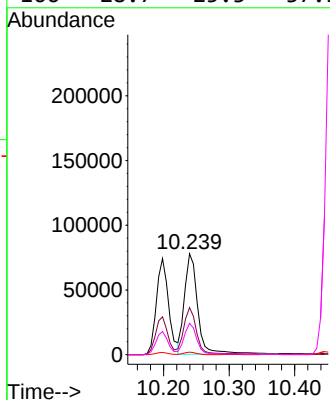
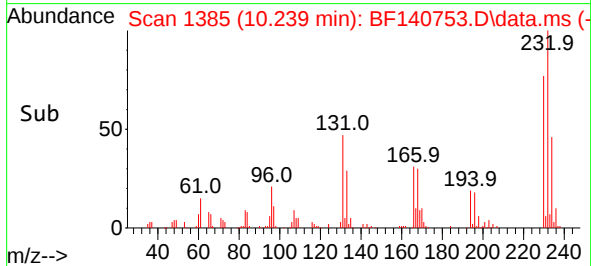
Instrument :
BNA_F
ClientSampleId :
MH-AMS



Tgt Ion:232 Resp: 10819
Ion Ratio Lower Upper
232 100
131 45.0 39.6 59.4
130 2.4 1.9 2.9
166 28.7 25.3 37.9

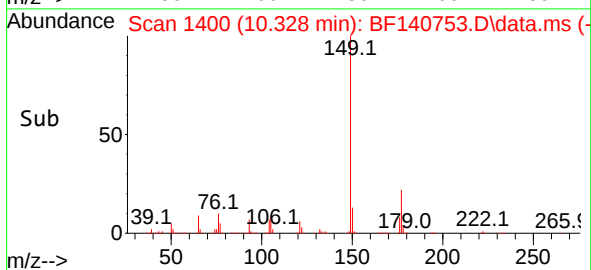
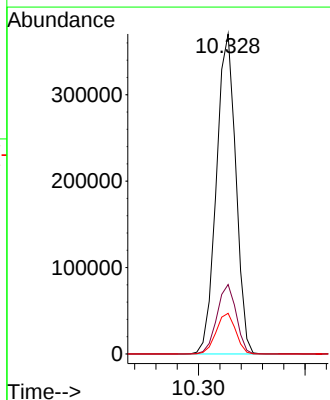
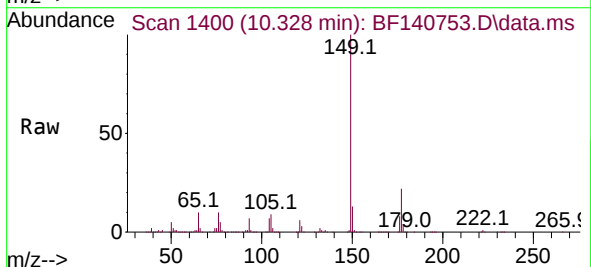
Manual Integrations
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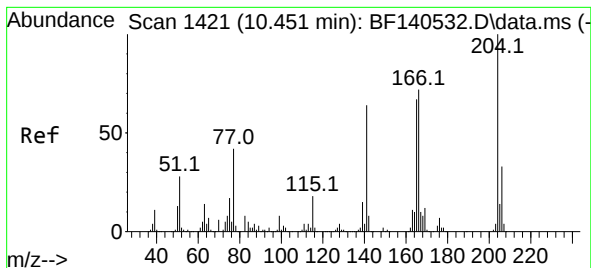
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#60
Diethylphthalate
Concen: 51.317 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:149 Resp: 467633
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.7 10.1 15.1





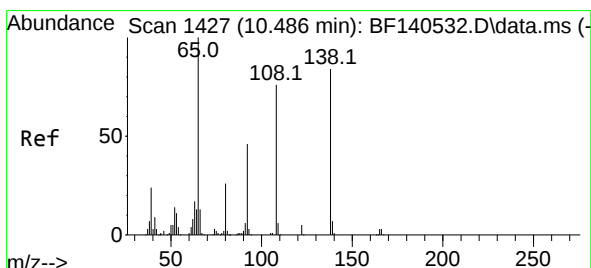
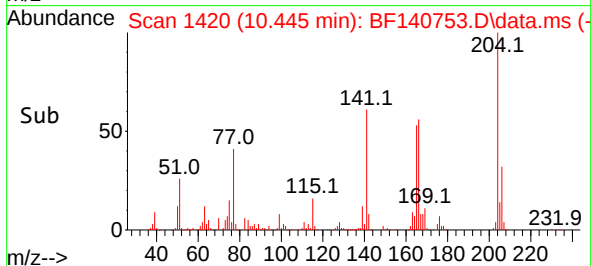
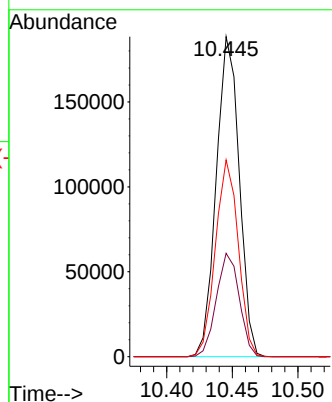
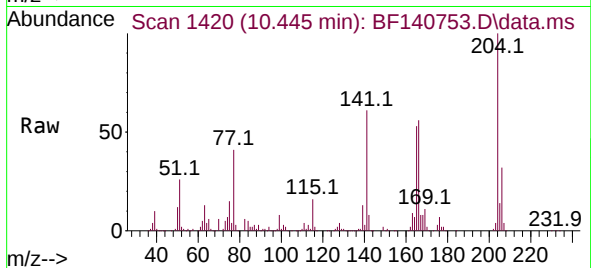
#61
4-Chlorophenyl-phenylether
Concen: 51.691 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:204 Resp: 22971
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 61.5 51.1 76.7

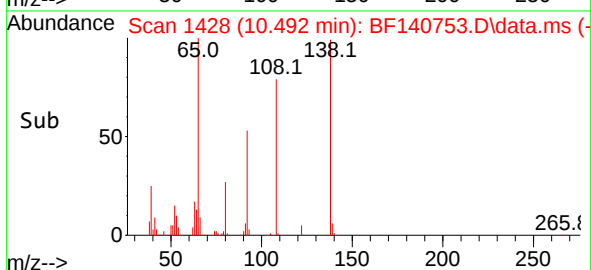
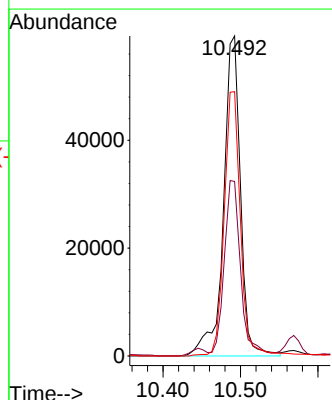
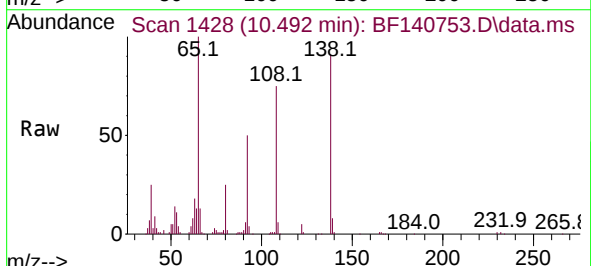
Manual Integrations
APPROVED

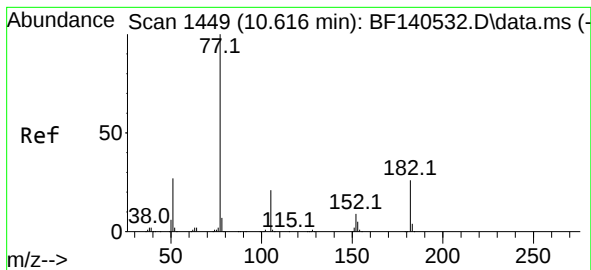
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#62
4-Nitroaniline
Concen: 43.427 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

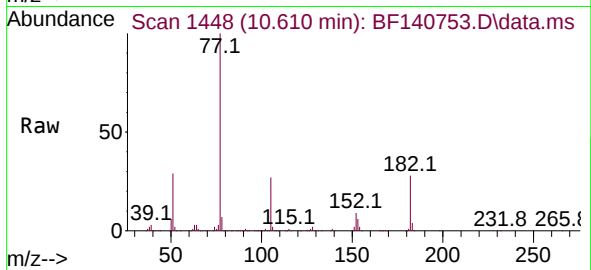
Tgt Ion:138 Resp: 90613
Ion Ratio Lower Upper
138 100
92 54.5 34.5 74.5
108 82.6 70.6 110.6





#63
Azobenzene
Concen: 59.165 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

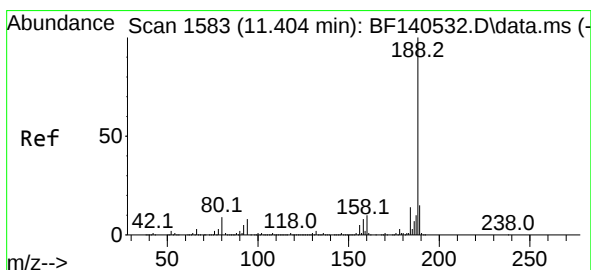
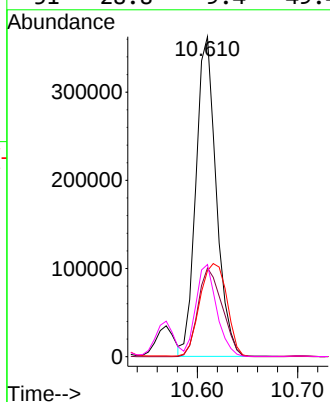
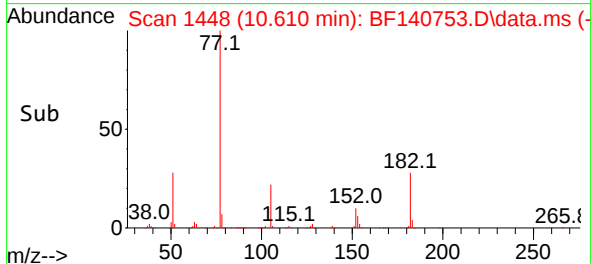
Instrument :
BNA_F
ClientSampleId :
MH-AMS



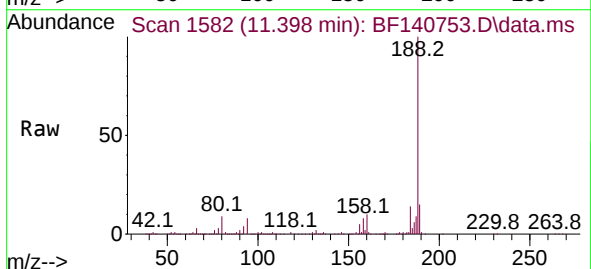
Tgt Ion: 77 Resp: 510579
Ion Ratio Lower Upper
77 100
182 27.7 5.3 45.3
105 26.8 0.3 40.3
51 28.8 9.4 49.4

Manual Integrations
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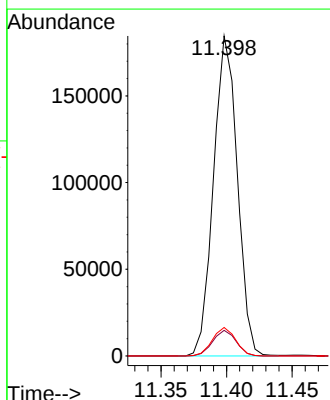
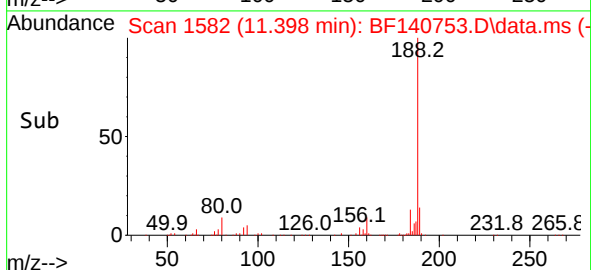
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

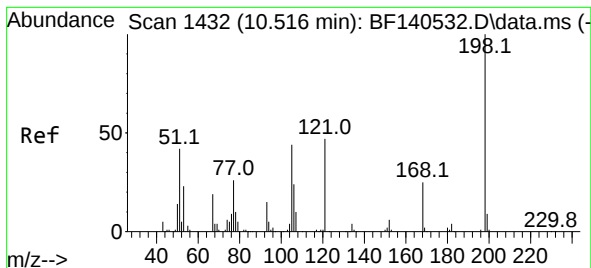


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19



Tgt Ion:188 Resp: 233226
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.9 6.9 10.3





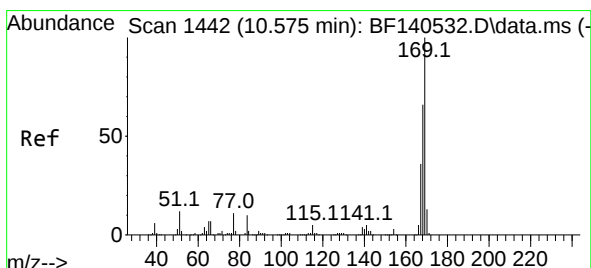
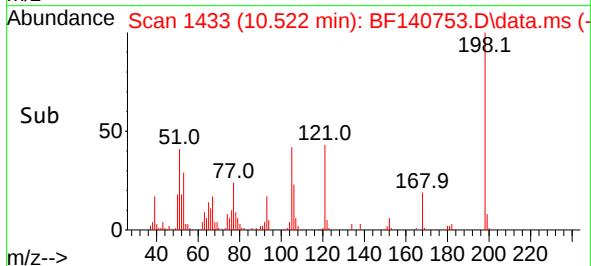
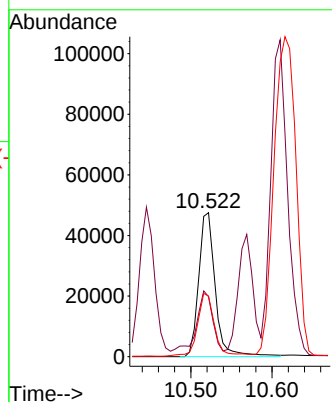
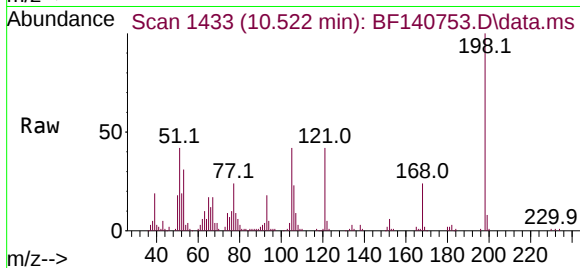
#65
4,6-Dinitro-2-methylphenol
Concen: 56.646 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:198 Resp: 6751
Ion Ratio Lower Upper
198 100
51 41.7 29.4 69.4
105 42.1 25.4 65.4

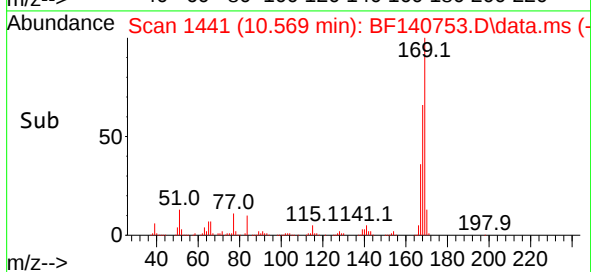
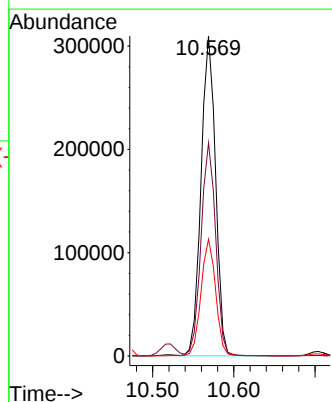
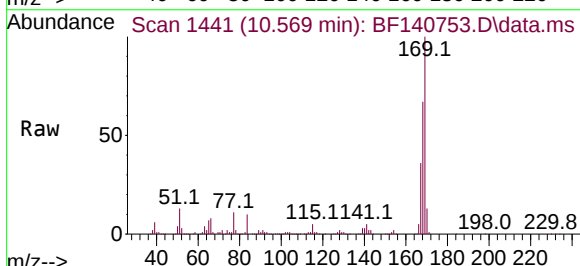
Manual Integrations
APPROVED

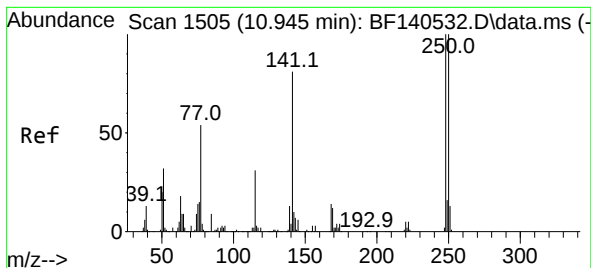
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#66
n-Nitrosodiphenylamine
Concen: 55.675 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

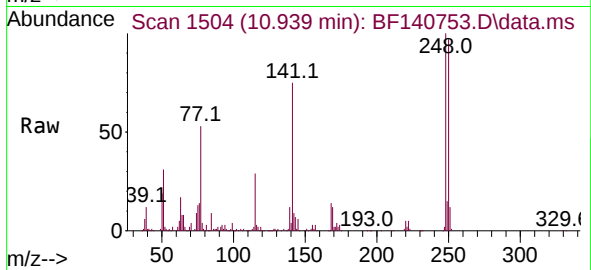
Tgt Ion:169 Resp: 383995
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 55.191 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

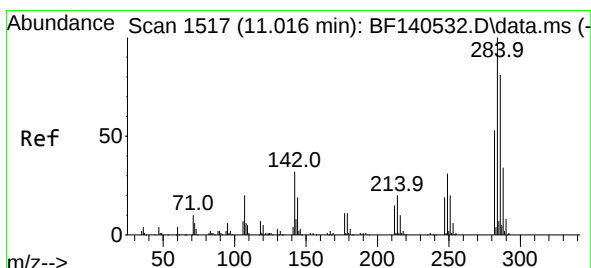
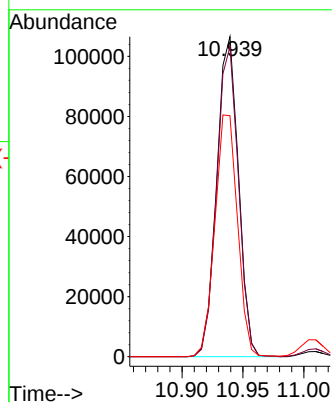
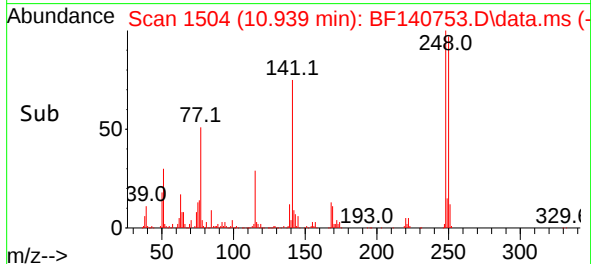
Instrument :
BNA_F
ClientSampleId :
MH-AMS



Tgt Ion:248 Resp: 13256
Ion Ratio Lower Upper
248 100
250 96.8 79.8 119.8
141 75.3 64.7 97.1

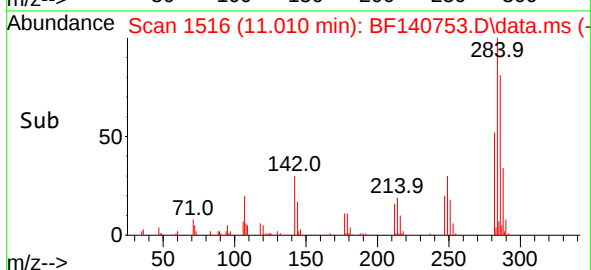
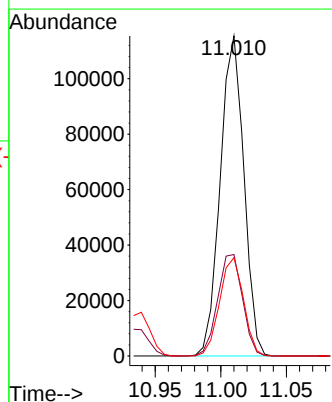
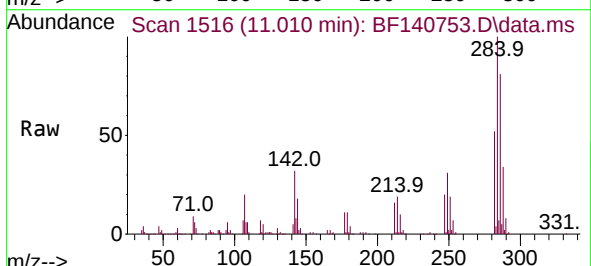
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#68
Hexachlorobenzene
Concen: 51.977 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:284 Resp: 144554
Ion Ratio Lower Upper
284 100
142 31.7 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 60.082 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140753.D

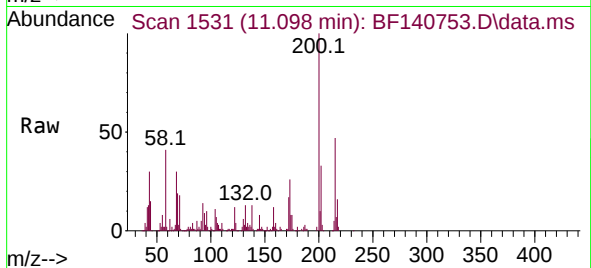
Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS



Tgt Ion:200 Resp: 116570

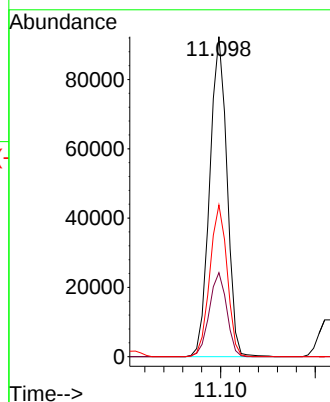
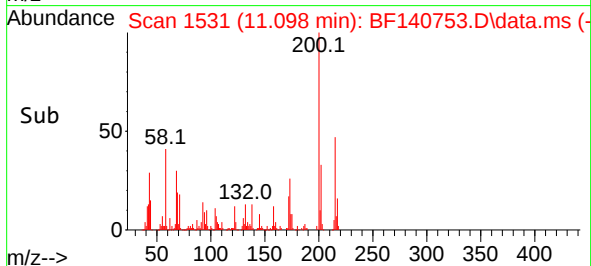
Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.0	47.0
215	47.4	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#70

Pentachlorophenol

Concen: 74.848 ng

RT: 11.216 min Scan# 1551

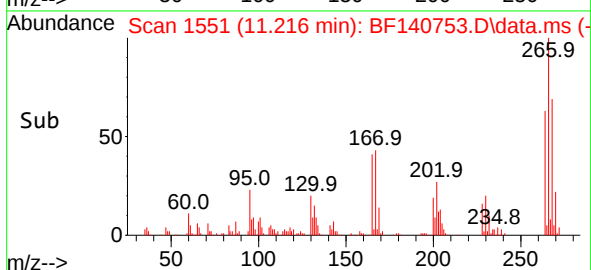
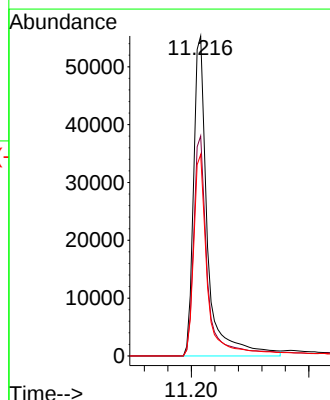
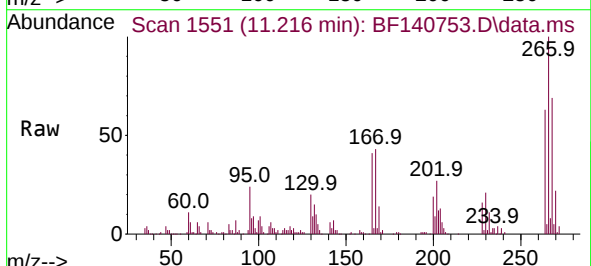
Delta R.T. 0.006 min

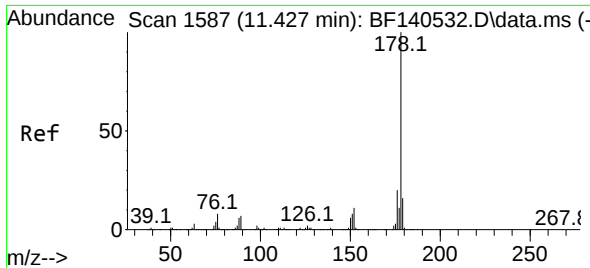
Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Tgt Ion:266 Resp: 91617

Ion	Ratio	Lower	Upper
266	100		
268	68.8	53.7	80.5
264	63.0	49.8	74.8





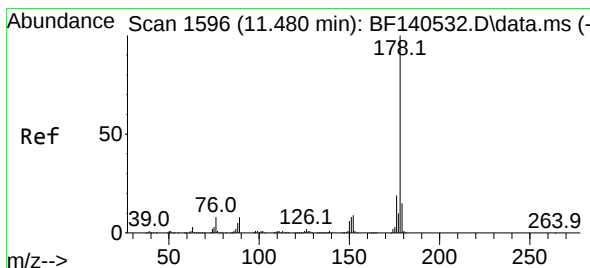
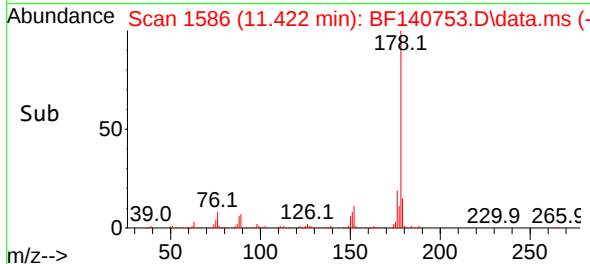
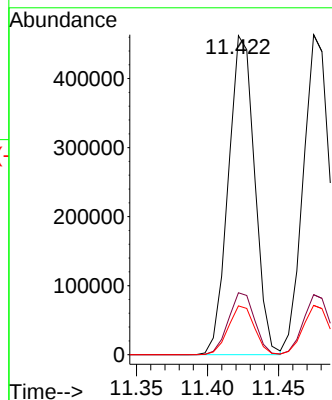
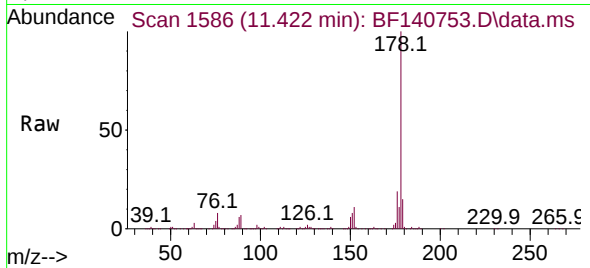
#71
Phenanthrene
Concen: 53.173 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:178 Resp: 59611
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.3 12.4 18.6

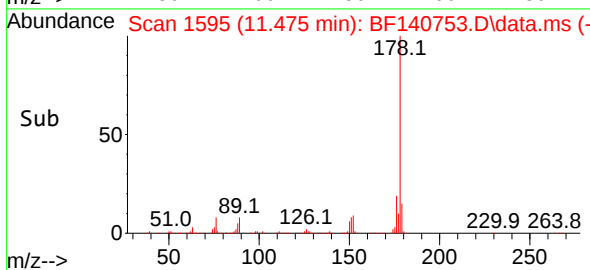
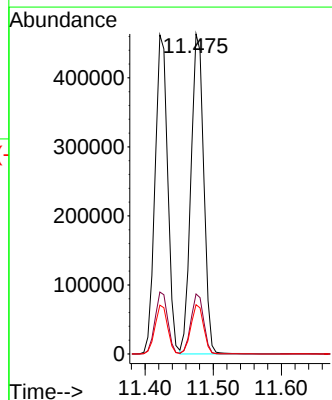
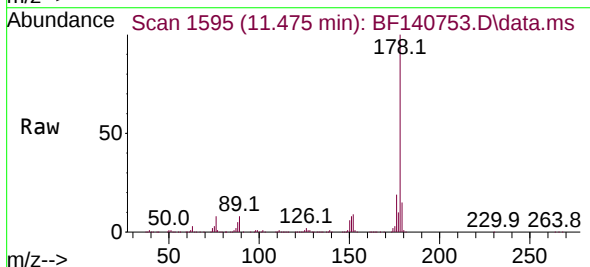
Manual Integrations
APPROVED

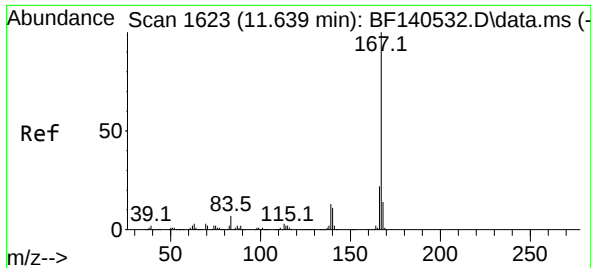
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#72
Anthracene
Concen: 54.795 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:178 Resp: 600909
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 12.2 18.4





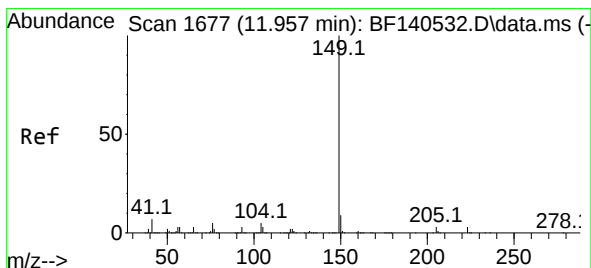
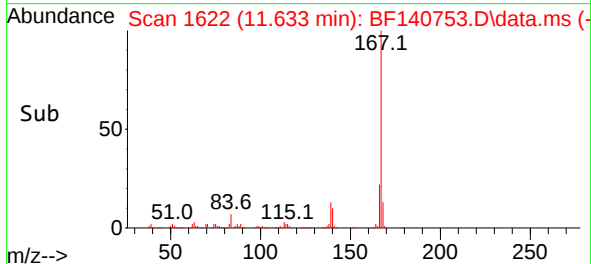
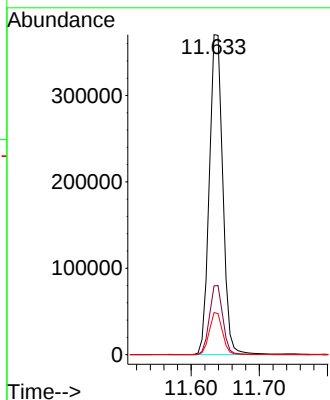
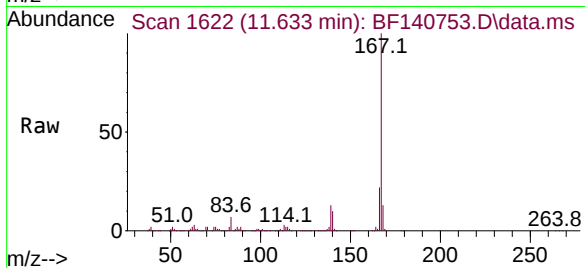
#73
Carbazole
Concen: 48.154 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:167 Resp: 50801
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.1 10.6 15.8

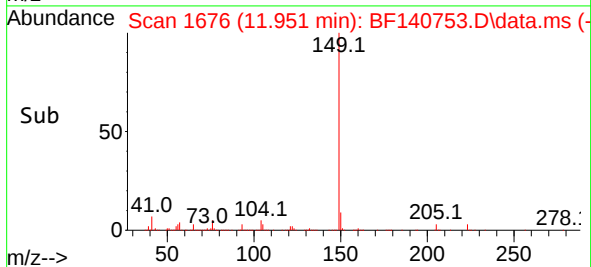
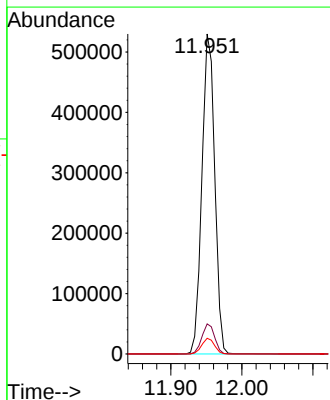
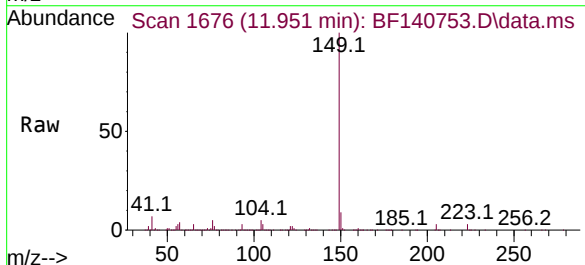
Manual Integrations
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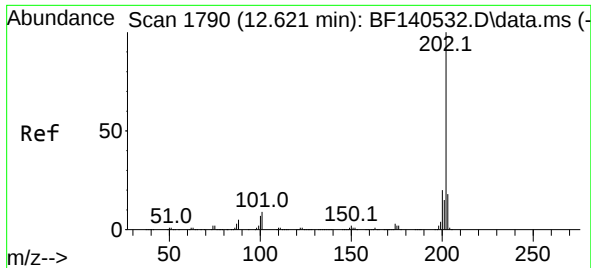
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#74
Di-n-butylphthalate
Concen: 54.694 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

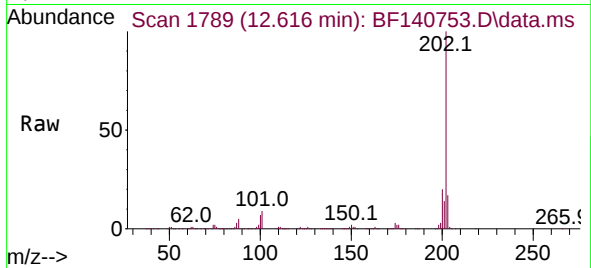
Tgt Ion:149 Resp: 666151
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 46.172 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

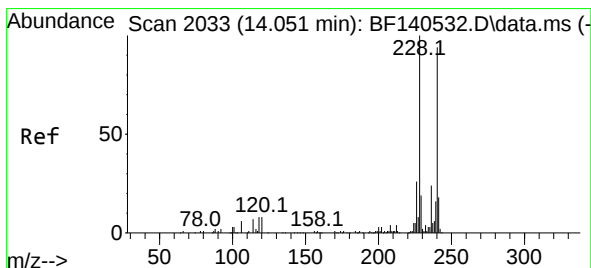
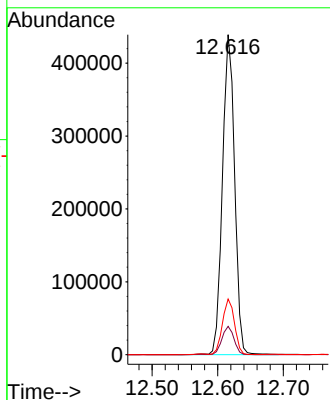
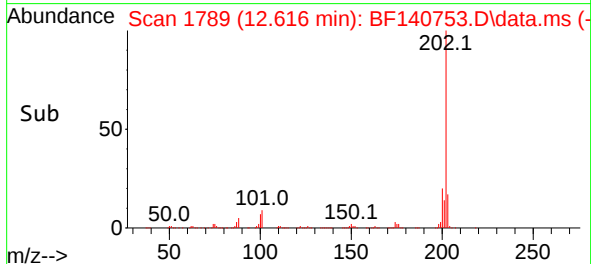
Instrument :
BNA_F
ClientSampleId :
MH-AMS



Tgt Ion:202 Resp: 56202
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.4 0.0 37.6

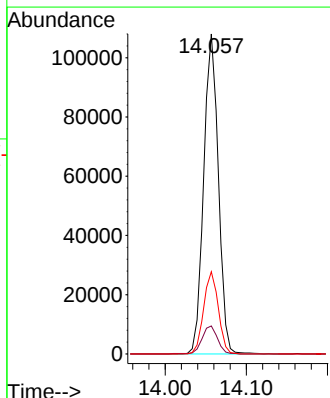
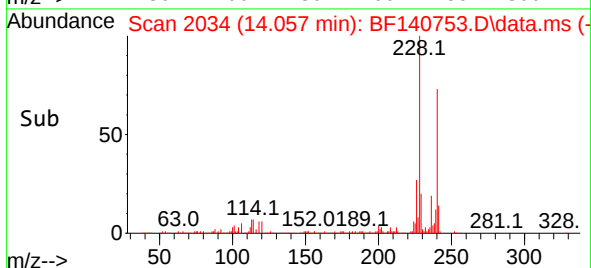
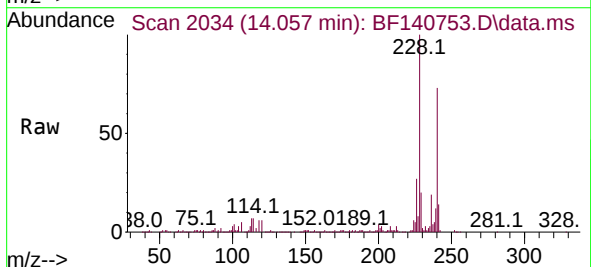
Manual Integrations
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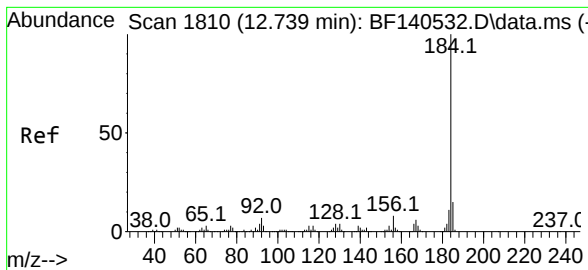
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

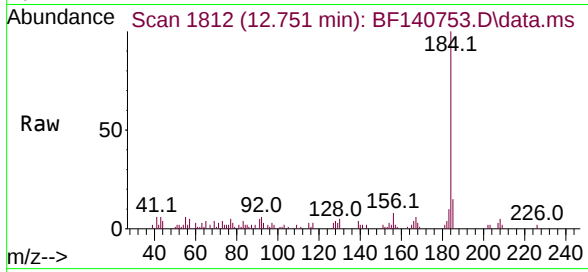
Tgt Ion:240 Resp: 135190
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 25.7 20.6 31.0





#77
Benzidine
Concen: 7.657 ng
RT: 12.751 min Scan# 1810
Delta R.T. 0.012 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

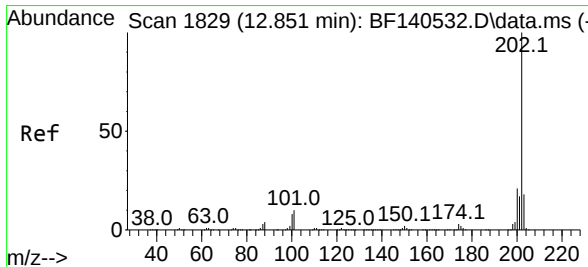
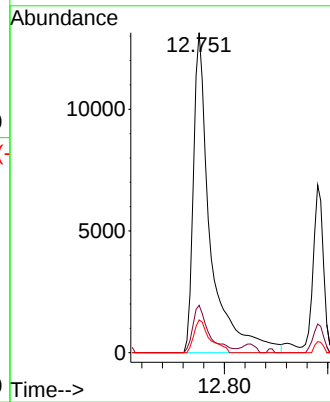
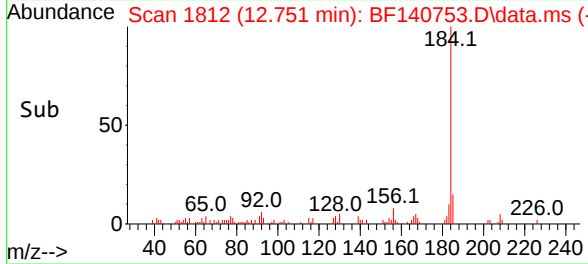
Instrument :
BNA_F
ClientSampleId :
MH-AMS



Tgt Ion:184 Resp: 30090
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.3 8.8 13.2

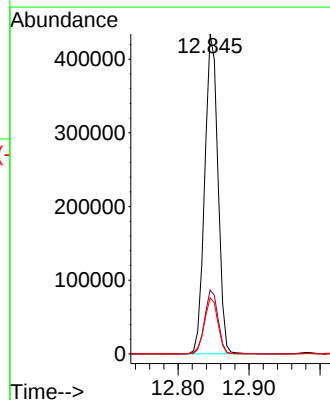
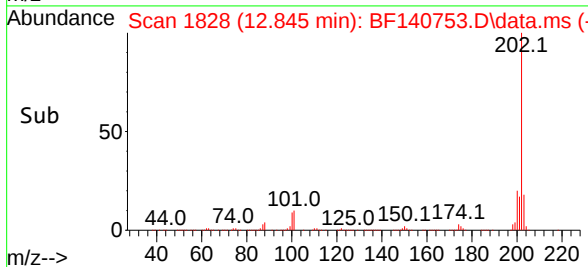
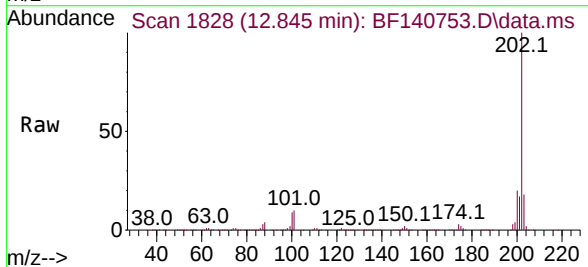
Manual Integrations
APPROVED

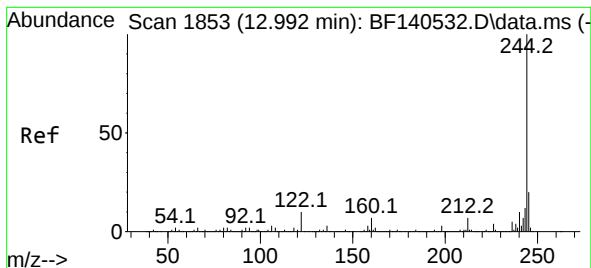
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#78
Pyrene
Concen: 44.934 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:202 Resp: 561670
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 73.361 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion:244 Resp: 636920

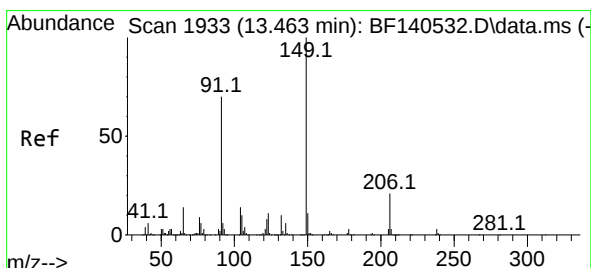
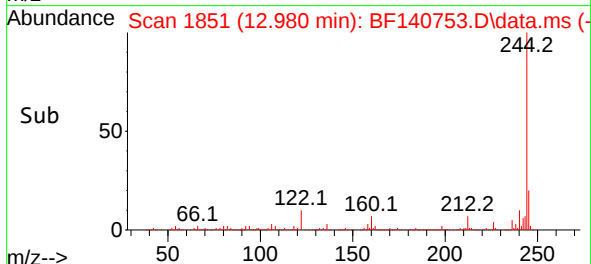
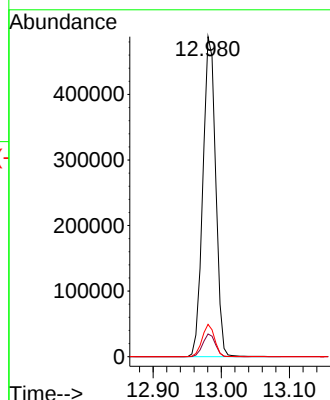
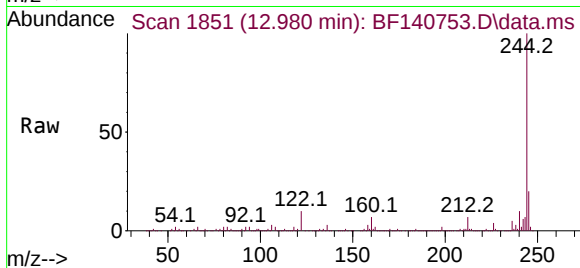
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.1	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#80

Butylbenzylphthalate

Concen: 48.125 ng

RT: 13.457 min Scan# 1932

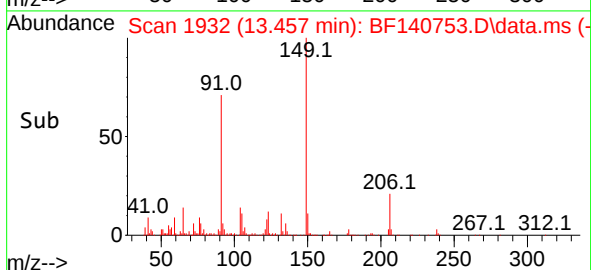
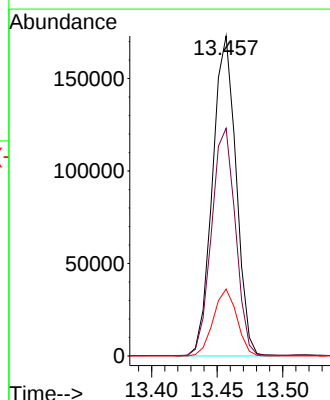
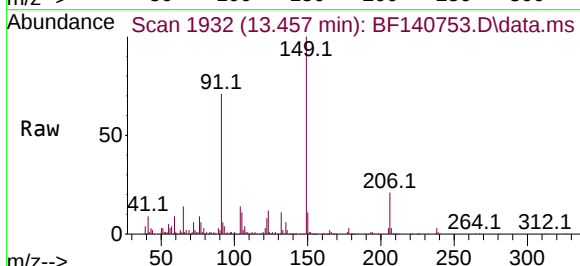
Delta R.T. -0.006 min

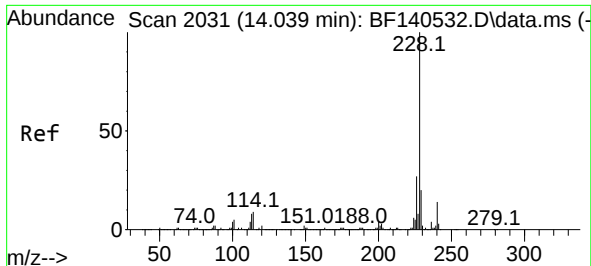
Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Tgt Ion:149 Resp: 216707

Ion	Ratio	Lower	Upper
149	100		
91	71.2	56.2	84.2
206	20.9	16.4	24.6





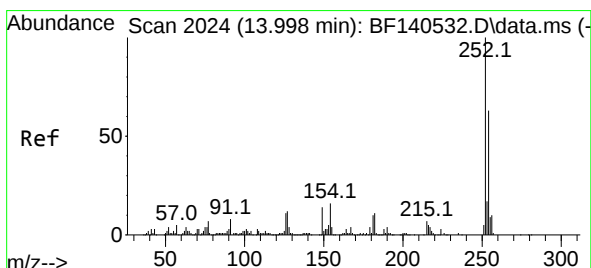
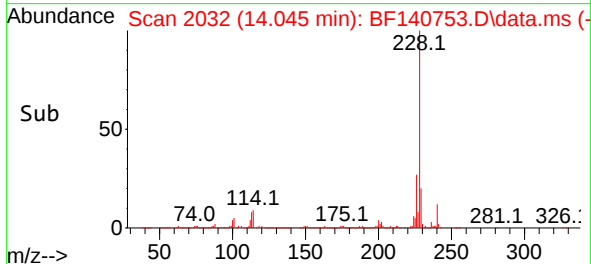
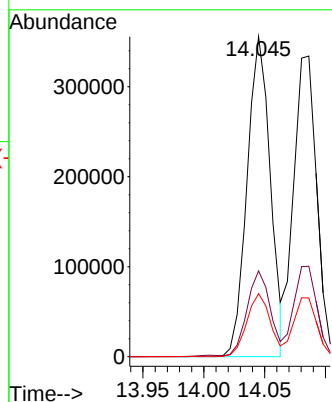
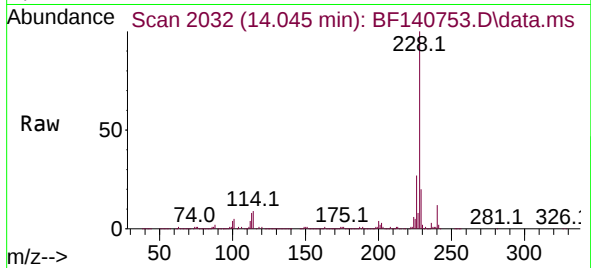
#81
Benzo(a)anthracene
Concen: 52.775 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Instrument :
BNA_F
ClientSampleId :
MH-AMS

Tgt Ion:228 Resp: 472285
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.7 15.8 23.6

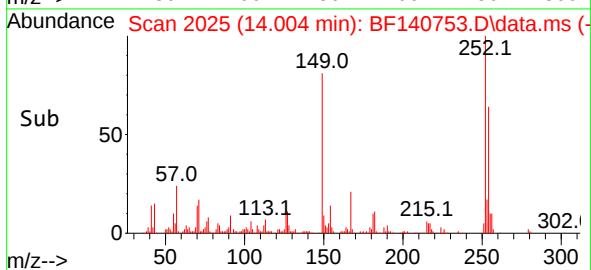
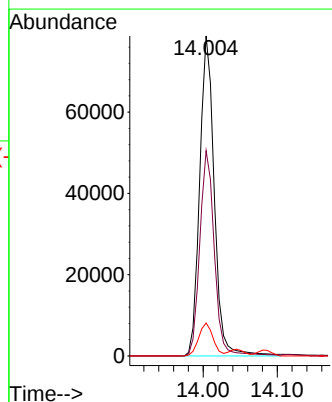
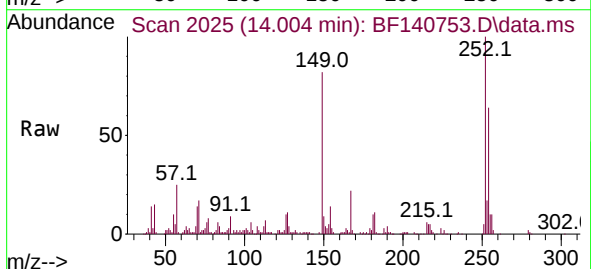
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.271 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

Tgt Ion:252 Resp: 108202
Ion Ratio Lower Upper
252 100
254 64.1 50.8 76.2
126 10.3 8.6 13.0





#83

Chrysene

Concen: 53.638 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

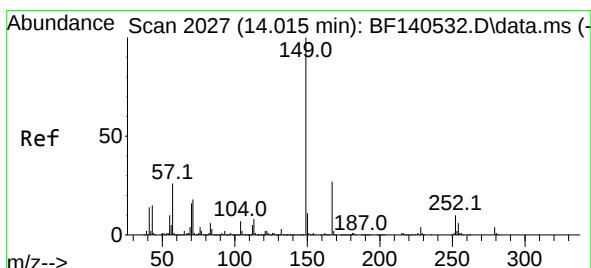
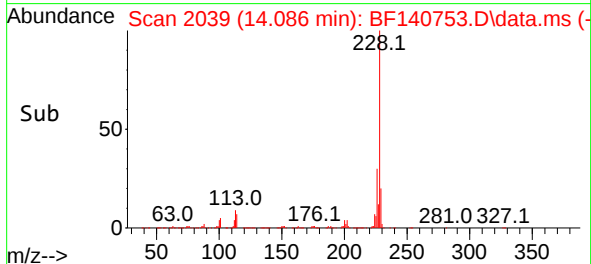
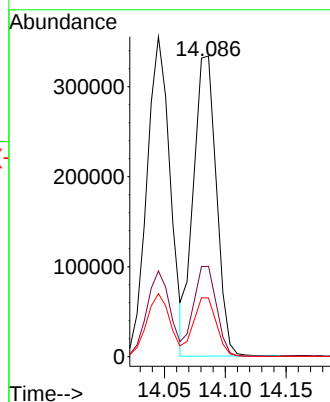
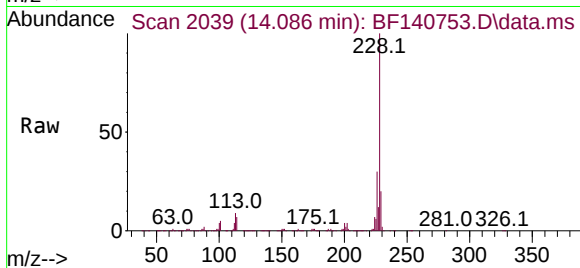
Tgt Ion:228	Resp: 438914
Ion Ratio	Lower Upper
228 100	
226 30.1	24.4 36.6
229 19.6	15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.062 ng

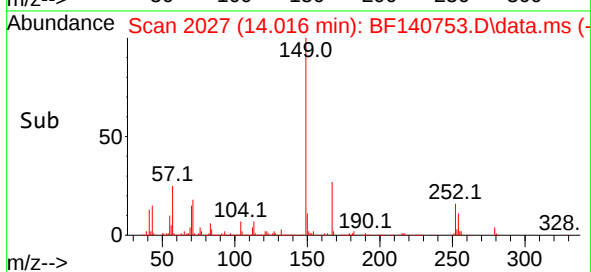
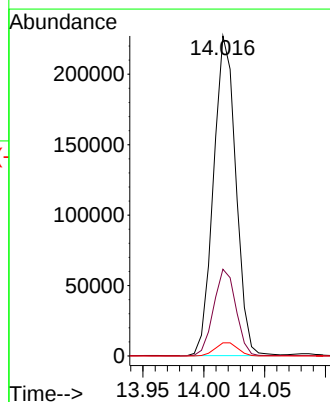
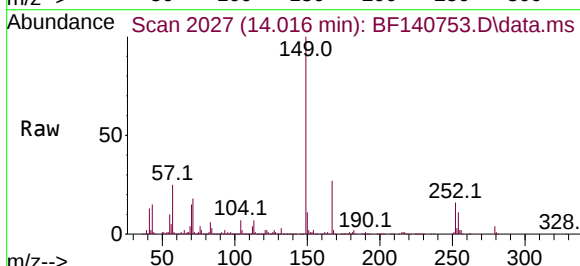
RT: 14.016 min Scan# 2027

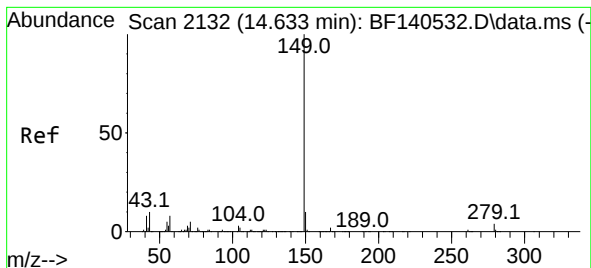
Delta R.T. 0.000 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Tgt Ion:149	Resp: 290339
Ion Ratio	Lower Upper
149 100	
167 27.1	21.2 31.8
279 4.1	3.2 4.8





#85

Di-n-octyl phthalate

Concen: 62.443 ng

RT: 14.651 min Scan# 2135

Delta R.T. 0.018 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion:149 Resp: 48522

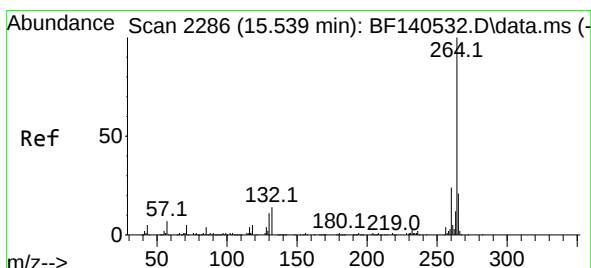
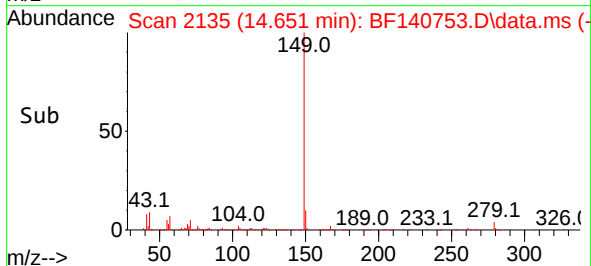
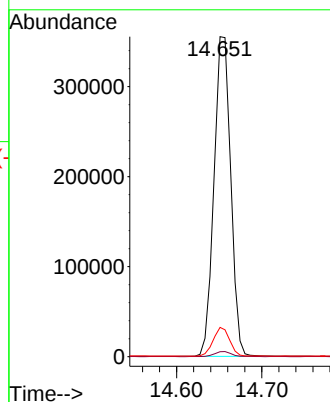
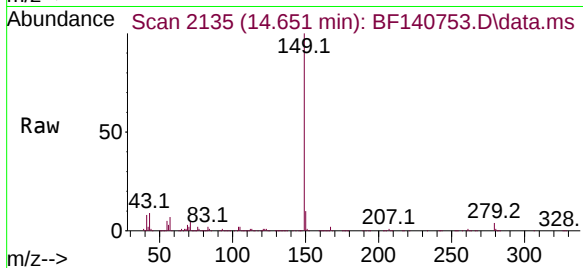
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.8	7.7	11.5

Manual Integrations

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Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

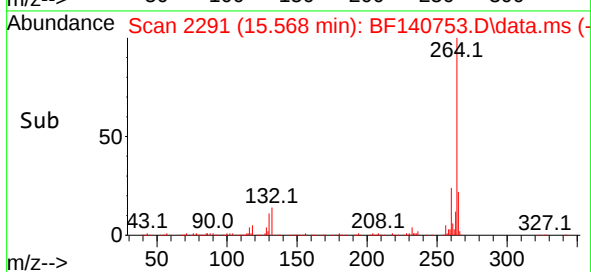
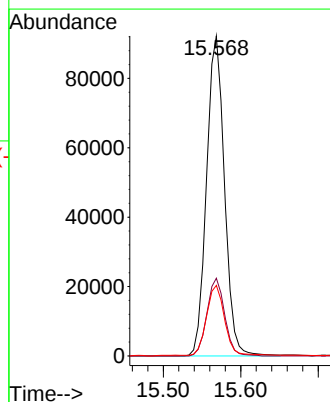
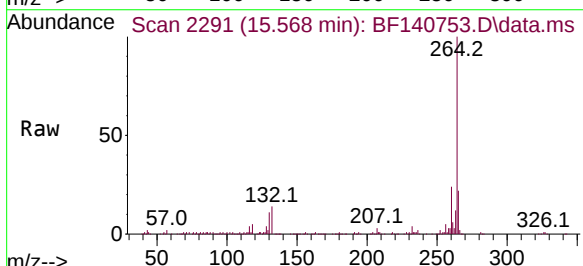
Delta R.T. 0.030 min

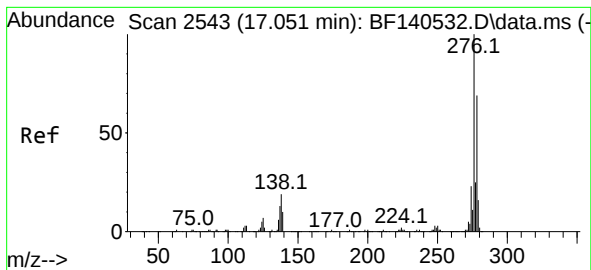
Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Tgt Ion:264 Resp: 148168

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	22.0	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.710 ng

RT: 17.092 min Scan# 2116

Delta R.T. 0.041 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion:276 Resp: 441369

Ion Ratio Lower Upper

276 100

138 20.6 15.5 23.3

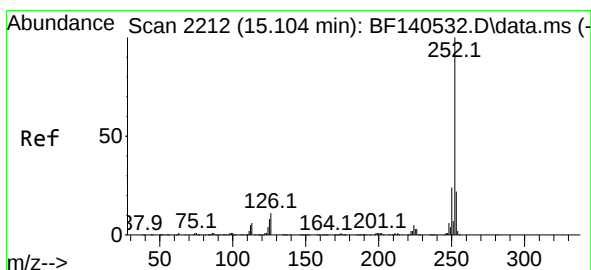
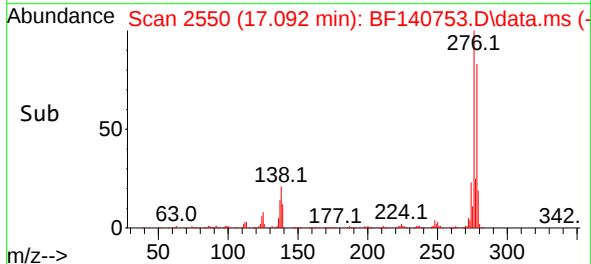
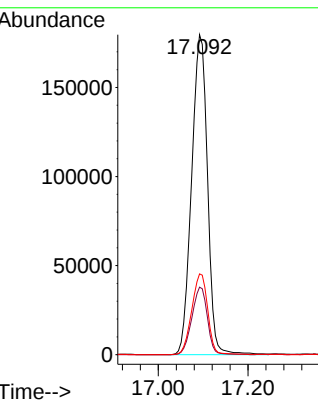
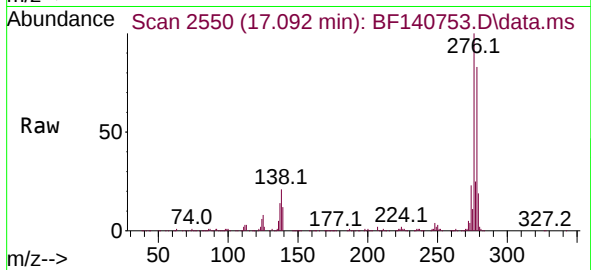
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#88

Benzo(b)fluoranthene

Concen: 54.026 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.024 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

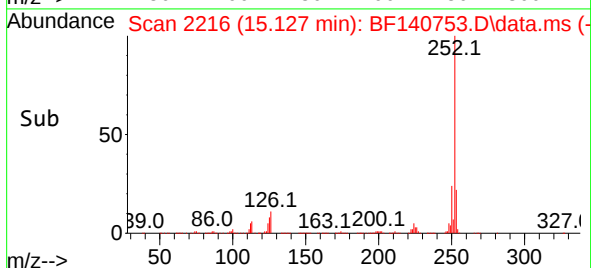
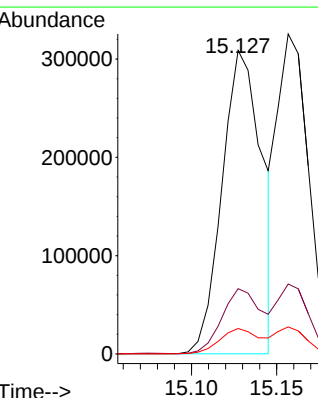
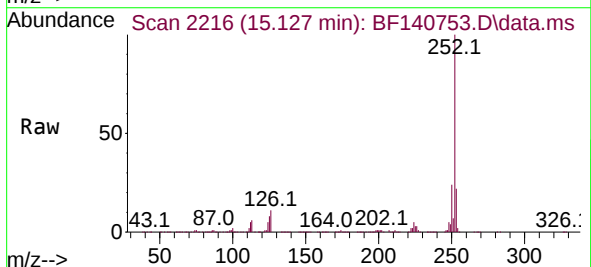
Tgt Ion:252 Resp: 502800

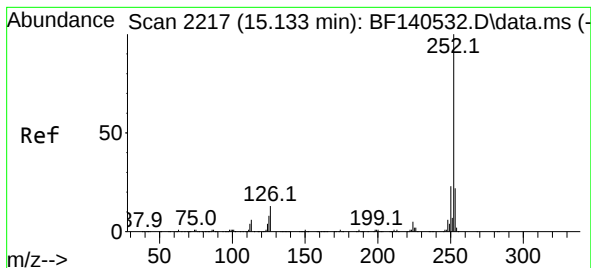
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 50.913 ng

RT: 15.157 min Scan# 2217

Delta R.T. 0.024 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

Instrument :

BNA_F

ClientSampleId :

MH-AMS

Tgt Ion:252 Resp: 41464

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

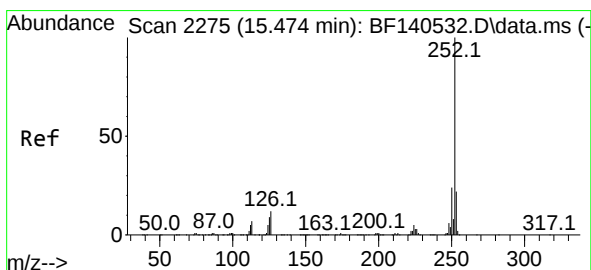
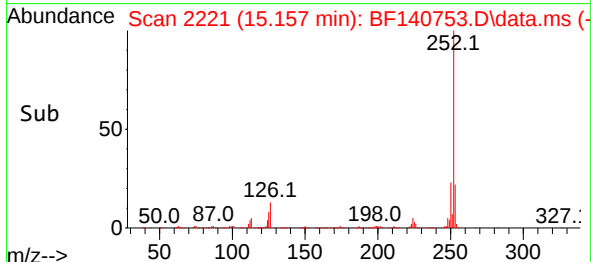
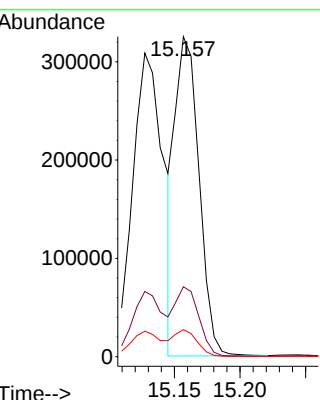
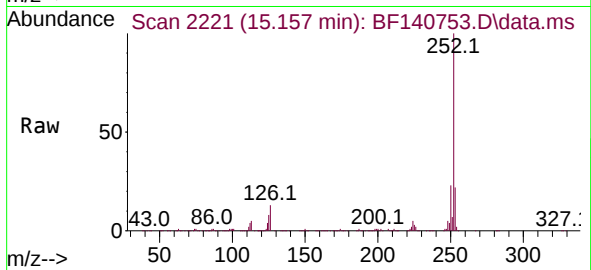
125 8.5 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#90

Benzo(a)pyrene

Concen: 57.509 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.030 min

Lab File: BF140753.D

Acq: 05 Dec 2024 17:19

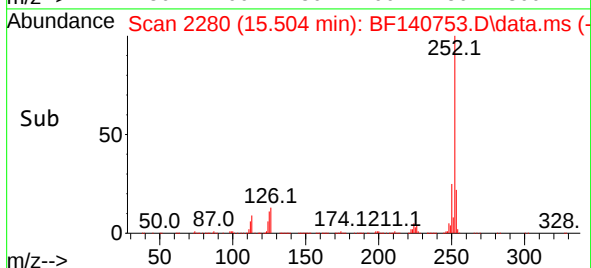
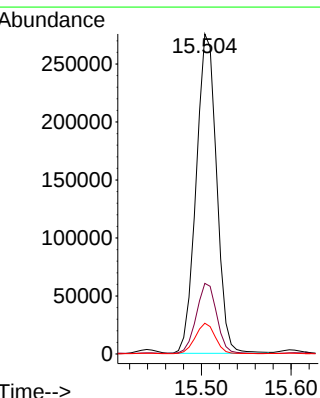
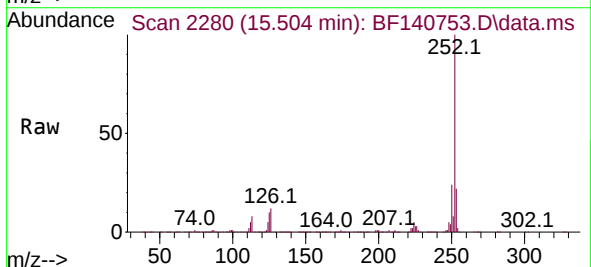
Tgt Ion:252 Resp: 435170

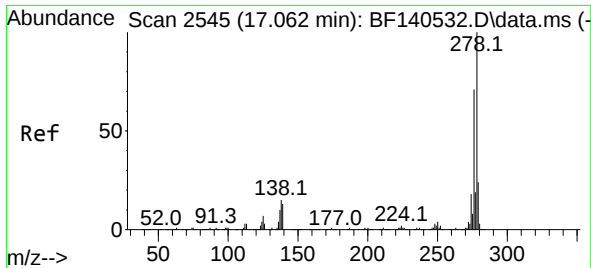
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

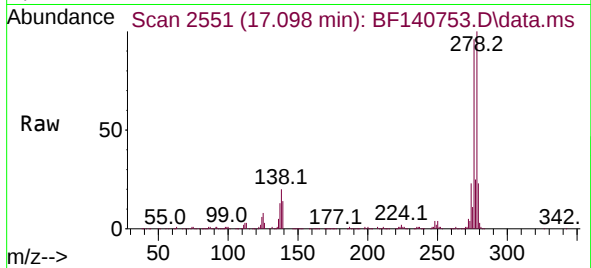
125 9.6 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 46.803 ng
RT: 17.098 min Scan# 2551
Delta R.T. 0.035 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19

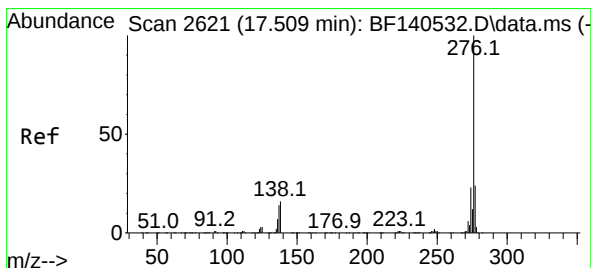
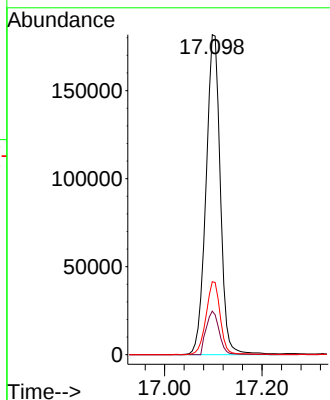
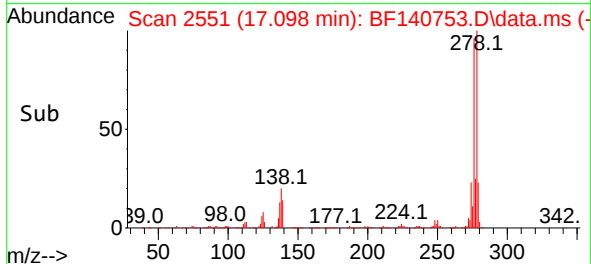
Instrument :
BNA_F
ClientSampleId :
MH-AMS



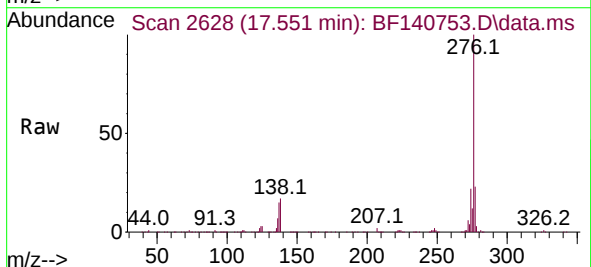
Tgt Ion:278 Resp: 370109
Ion Ratio Lower Upper
278 100
139 13.6 10.2 15.4
279 22.8 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#92
Benzo(g,h,i)perylene
Concen: 38.298 ng
RT: 17.551 min Scan# 2628
Delta R.T. 0.041 min
Lab File: BF140753.D
Acq: 05 Dec 2024 17:19



Tgt Ion:276 Resp: 309045
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 17.1 13.2 19.8

