

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
 Data File : BF140791.D
 Acq On : 09 Dec 2024 15:55
 Operator : RC/JU
 Sample : P5095-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS

Quant Time: Dec 09 17:17:31 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	79701	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	316728	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	186143	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	339098	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	172761	20.000	ng	0.00
86) Perylene-d12	15.551	264	180382	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	599434	128.325	ng	0.01
7) Phenol-d6	6.516	99	729324	118.100	ng	0.00
23) Nitrobenzene-d5	7.428	82	546010	88.178	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	265944	133.586	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1114709	89.225	ng	-0.01
79) Terphenyl-d14	12.980	244	1111717	100.201	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	75712	38.550	ng	# 83
3) Pyridine	3.540	79	136197	31.518	ng	99
4) n-Nitrosodimethylamine	3.457	42	106649	41.992	ng	91
6) Aniline	6.534	93	70997	16.334	ng	# 1
8) 2-Chlorophenol	6.663	128	233366	46.436	ng	94
9) Benzaldehyde	6.428	77	9838	3.009	ng	95
10) Phenol	6.528	94	256450	40.663	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	227172	47.072	ng	99
12) 1,3-Dichlorobenzene	6.804	146	221837	39.285	ng	98
13) 1,4-Dichlorobenzene	6.881	146	233191	40.784	ng	98
14) 1,2-Dichlorobenzene	7.034	146	223579	41.730	ng	99
15) Benzyl Alcohol	7.016	79	209652	45.779	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	268087	47.021	ng	64
17) 2-Methylphenol	7.134	107	186280	46.305	ng	94
18) Hexachloroethane	7.369	117	84181	39.420	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	174376	47.778	ng	95
20) 3+4-Methylphenols	7.287	107	250308	48.408	ng	# 74
22) Acetophenone	7.275	105	339568	43.976	ng	# 93
24) Nitrobenzene	7.451	77	262554	41.026	ng	97
25) Isophorone	7.687	82	472592	45.759	ng	100
26) 2-Nitrophenol	7.763	139	130576	46.041	ng	96
27) 2,4-Dimethylphenol	7.804	122	201987m	59.525	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	289953	46.084	ng	99
29) 2,4-Dichlorophenol	8.016	162	215461	47.919	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	212827	41.456	ng	99
31) Naphthalene	8.169	128	720847	44.185	ng	99
32) Benzoic acid	7.945	122	122093	42.344	ng	95
33) 4-Chloroaniline	8.234	127	47362	9.696	ng	98
34) Hexachlorobutadiene	8.281	225	139257	40.953	ng	100
35) Caprolactam	8.598	113	55425m	39.831	ng	
36) 4-Chloro-3-methylphenol	8.716	107	237890	47.254	ng	99
37) 2-Methylnaphthalene	8.857	142	491532	47.435	ng	100
38) 1-Methylnaphthalene	8.957	142	460226	45.311	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	240002	44.042	ng	99
41) Hexachlorocyclopentadiene	9.004	237	137561	109.360	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	154798	45.270	ng	99

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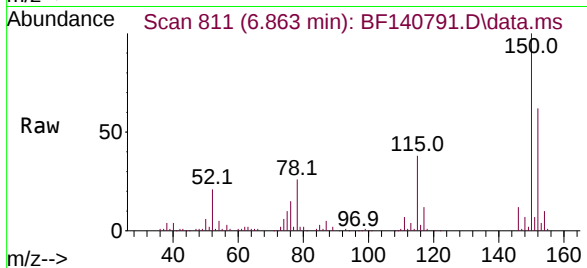
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	163723	44.118	ng	97
46) 1,1'-Biphenyl	9.322	154	639347	46.004	ng	100
47) 2-Chloronaphthalene	9.351	162	469433	44.578	ng	98
48) 2-Nitroaniline	9.451	65	153276	45.347	ng	97
49) Acenaphthylene	9.763	152	770695	48.438	ng	100
50) Dimethylphthalate	9.622	163	579964	47.308	ng	100
51) 2,6-Dinitrotoluene	9.692	165	123946	44.579	ng	96
52) Acenaphthene	9.939	154	485059	47.980	ng	99
53) 3-Nitroaniline	9.869	138	39832	14.648	ng	95
54) 2,4-Dinitrophenol	9.986	184	126025	86.785	ng	91
55) Dibenzofuran	10.110	168	716174	46.443	ng	100
56) 4-Nitrophenol	10.051	139	133056	71.746	ng	94
57) 2,4-Dinitrotoluene	10.104	165	168894	45.707	ng	94
58) Fluorene	10.451	166	577835	46.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	142478	49.956	ng	90
60) Diethylphthalate	10.322	149	579329	46.511	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	283629	46.693	ng	98
62) 4-Nitroaniline	10.486	138	111966	39.258	ng	90
63) Azobenzene	10.604	77	540076	45.787	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	88121	50.854	ng	95
66) n-Nitrosodiphenylamine	10.563	169	456538	45.526	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	165214	47.310	ng	96
68) Hexachlorobenzene	11.004	284	184261	45.568	ng	98
69) Atrazine	11.092	200	100165	35.506	ng	98
70) Pentachlorophenol	11.210	266	156477	87.924	ng	98
71) Phenanthrene	11.422	178	808533	49.603	ng	99
72) Anthracene	11.475	178	818981	51.364	ng	99
73) Carbazole	11.633	167	652811	42.559	ng	100
74) Di-n-butylphthalate	11.951	149	850560	48.031	ng	99
75) Fluoranthene	12.610	202	782758	44.229	ng	99
77) Benzidine	12.751	184	9808m	1.953	ng	
78) Pyrene	12.845	202	787494	49.299	ng	99
80) Butylbenzylphthalate	13.451	149	300969	52.302	ng	99
81) Benzo(a)anthracene	14.039	228	555445	48.569	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	28273	8.234	ng	98
83) Chrysene	14.074	228	511582	48.922	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	371182	51.084	ng	99
85) Di-n-octyl phthalate	14.639	149	590749	59.490	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	461473	39.257	ng	97
88) Benzo(b)fluoranthene	15.110	252	578695	51.076	ng	99
89) Benzo(k)fluoranthene	15.139	252	501730	50.604	ng	99
90) Benzo(a)pyrene	15.486	252	502239	54.519	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	390036	40.514	ng	99
92) Benzo(g,h,i)perylene	17.527	276	301164	30.656	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

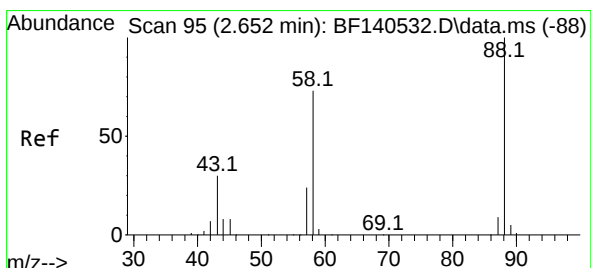
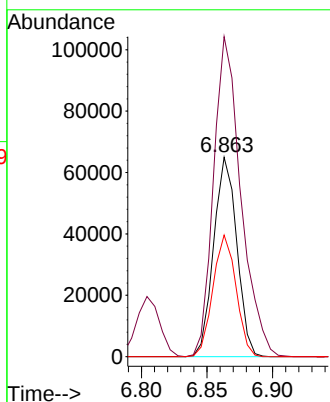
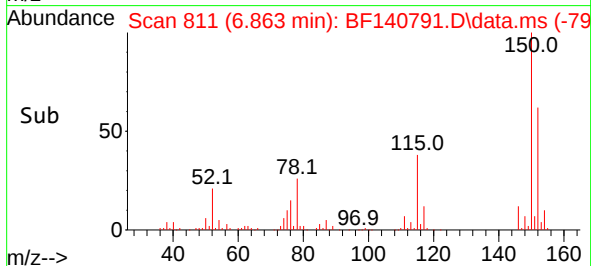
Instrument :
 BNA_F
 ClientSampleId :
 MH-764MS



Tgt Ion:152 Resp: 7970
 Ion Ratio Lower Upper
 152 100
 150 160.5 128.5 192.7
 115 61.0 50.2 75.4

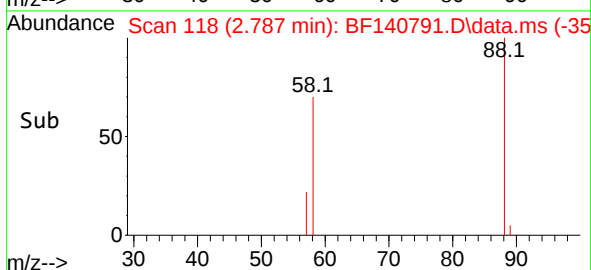
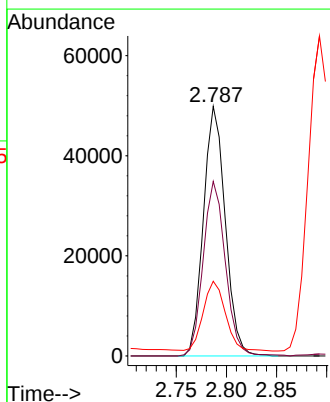
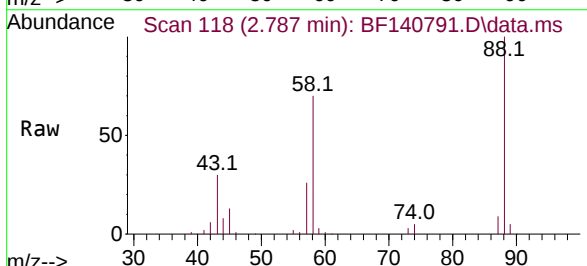
Manual Integrations
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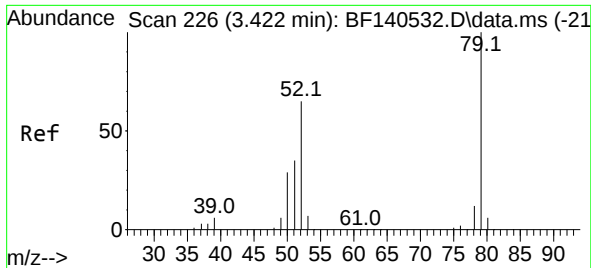
Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024



#2
 1,4-Dioxane
 Concen: 38.550 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.135 min
 Lab File: BF140791.D
 Acq: 09 Dec 2024 15:55

Tgt Ion: 88 Resp: 75712
 Ion Ratio Lower Upper
 88 100
 58 71.2 57.4 86.2
 43 0.0 24.3 36.5





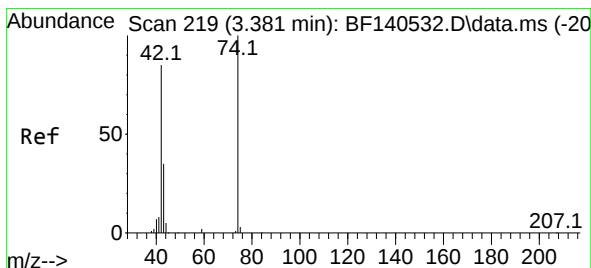
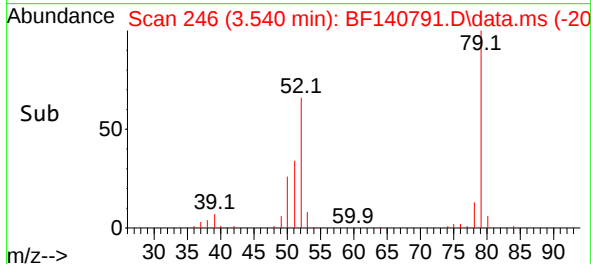
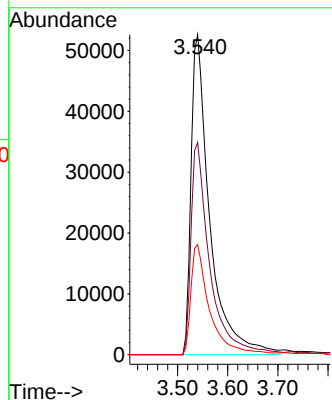
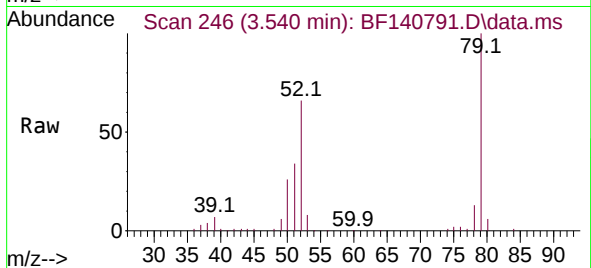
#3
Pyridine
Concen: 31.518 ng
RT: 3.540 min Scan# 246
Delta R.T. 0.118 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion: 79 Resp: 13619
Ion Ratio Lower Upper
79 100
52 66.3 52.1 78.1
51 34.4 27.8 41.8

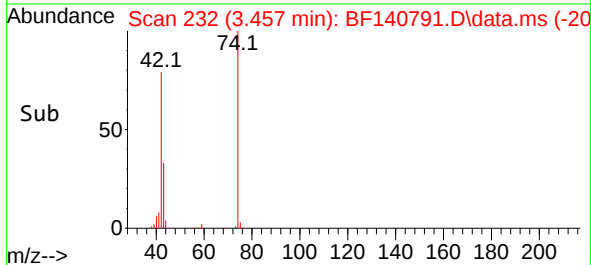
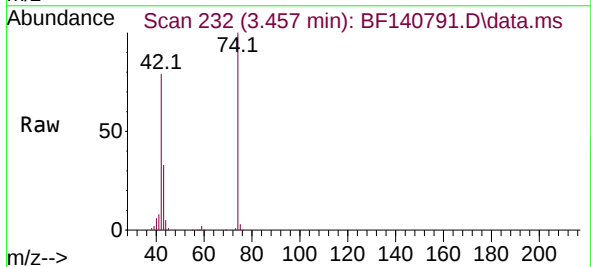
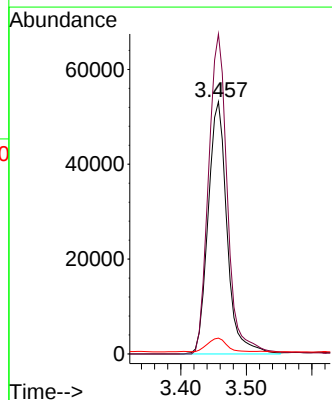
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 41.992 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.077 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 42 Resp: 106649
Ion Ratio Lower Upper
42 100
74 126.9 93.8 140.6
44 6.3 4.6 6.8





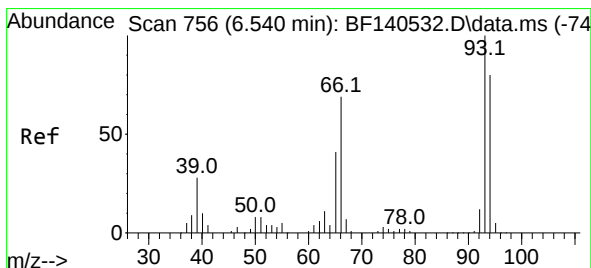
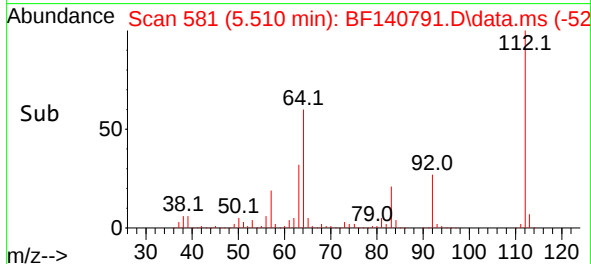
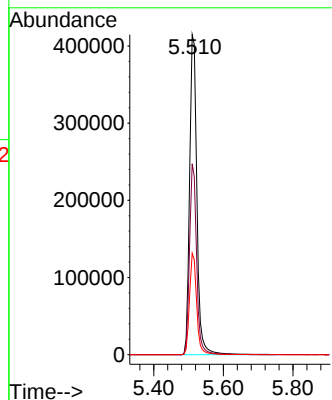
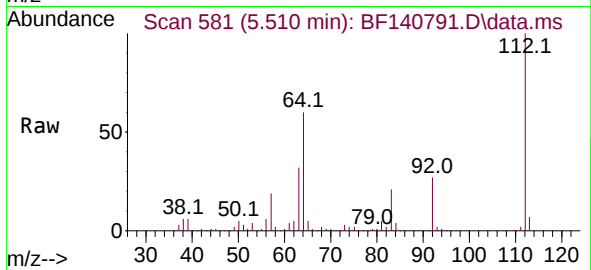
#5
2-Fluorophenol
Concen: 128.325 ng
RT: 5.510 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:112 Resp: 599434
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.7 27.0 40.4

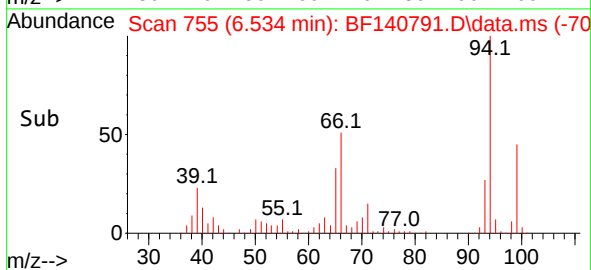
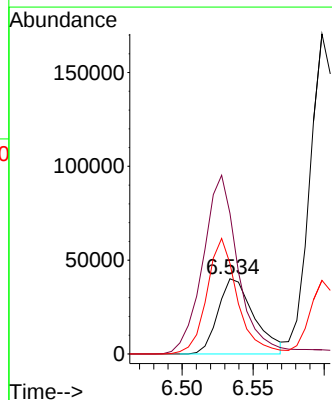
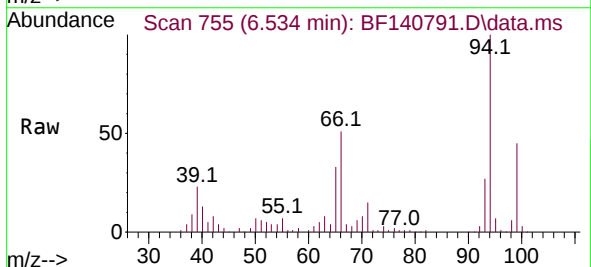
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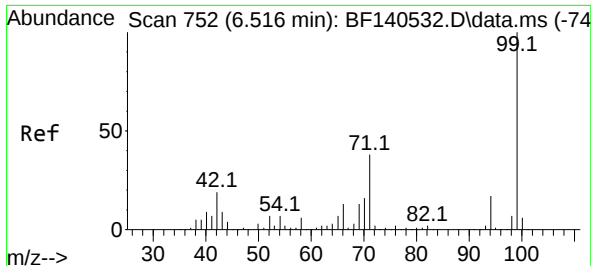
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 16.334 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 93 Resp: 70997
Ion Ratio Lower Upper
93 100
66 187.3 56.5 84.7#
65 120.5 32.9 49.3#





#7

Phenol-d6

Concen: 118.100 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

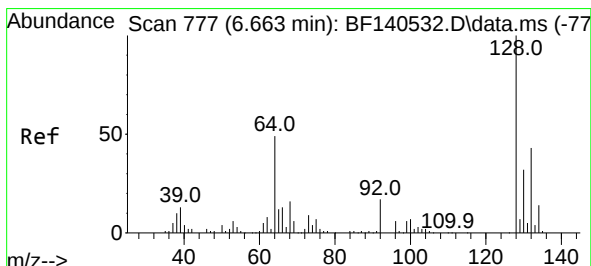
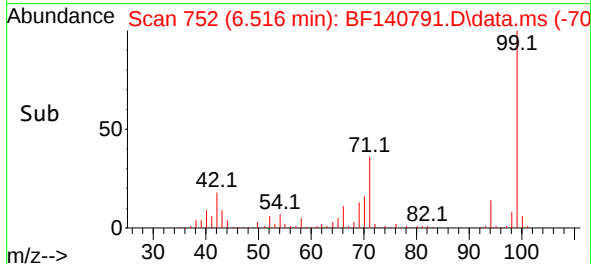
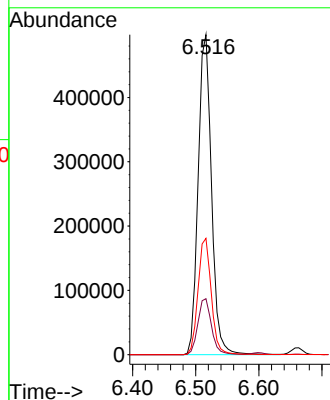
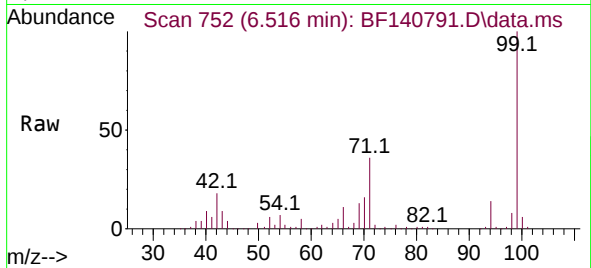
Tgt Ion:	99	Resp:	729324
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.4	23.0
71	36.4	30.6	46.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 46.436 ng

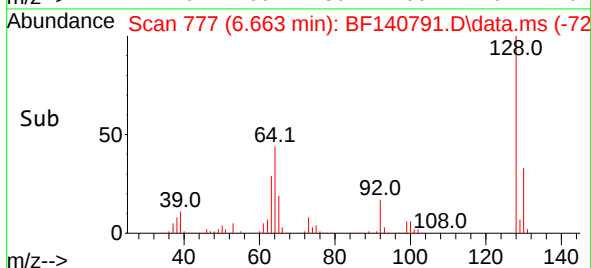
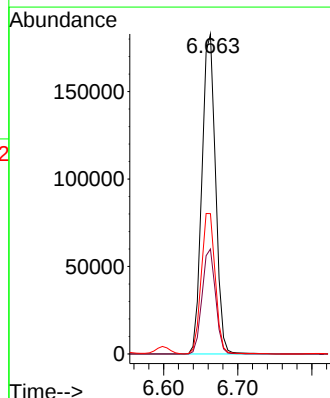
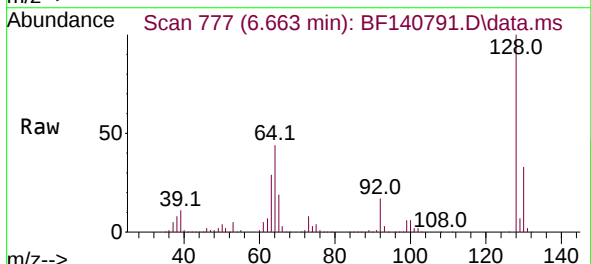
RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Tgt Ion:	128	Resp:	233366
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	43.9	30.2	70.2





#9
Benzaldehyde
Concen: 3.009 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

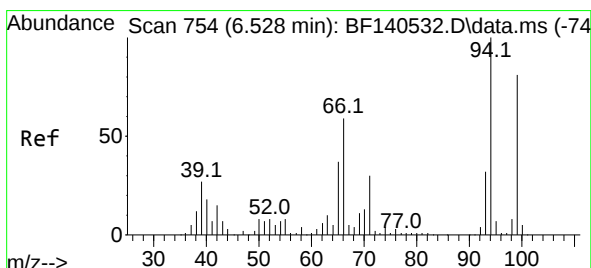
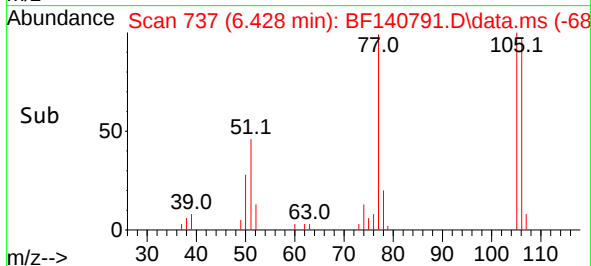
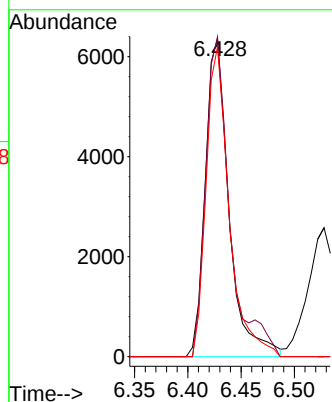
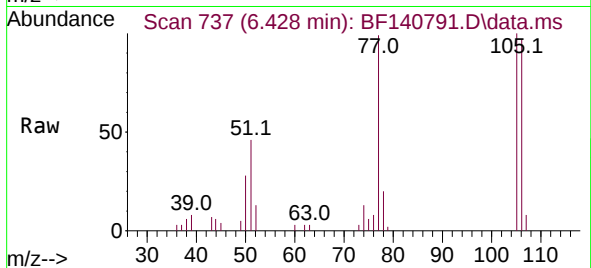
MH-764MS

Tgt Ion: 77 Resp: 9838
Ion Ratio Lower Upper
77 100
105 100.7 75.6 115.6
106 97.5 72.0 112.0

Manual Integrations

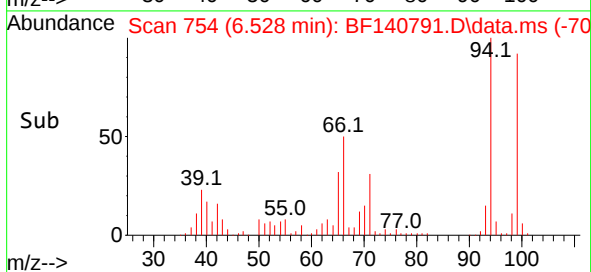
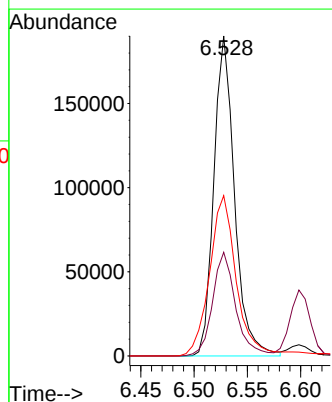
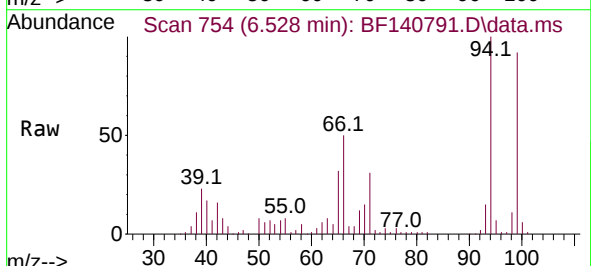
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Supervised By :mohammad ahmed 12/12/2024



#10
Phenol
Concen: 40.663 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 94 Resp: 256450
Ion Ratio Lower Upper
94 100
65 32.4 17.2 57.2
66 50.1 39.2 79.2





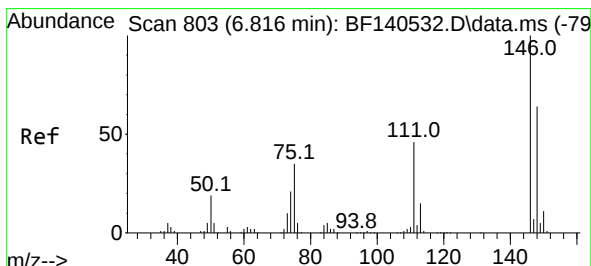
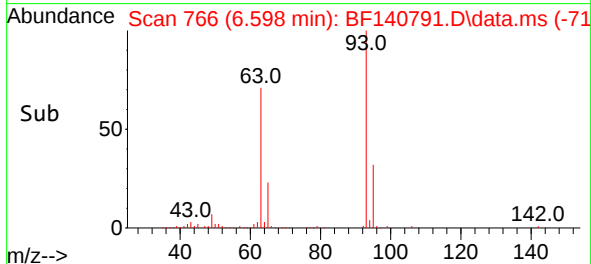
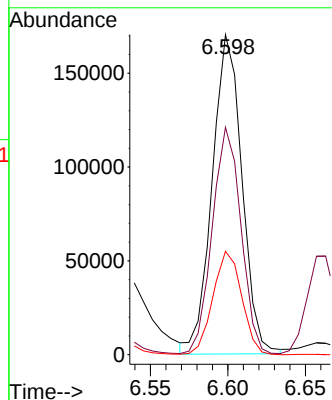
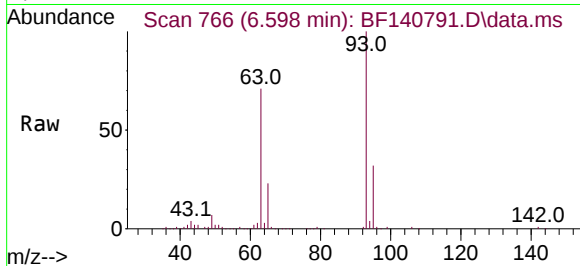
#11
bis(2-Chloroethyl)ether
Concen: 47.072 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion: 93 Resp: 227172
Ion Ratio Lower Upper
93 100
63 71.1 52.8 92.8
95 32.3 12.3 52.3

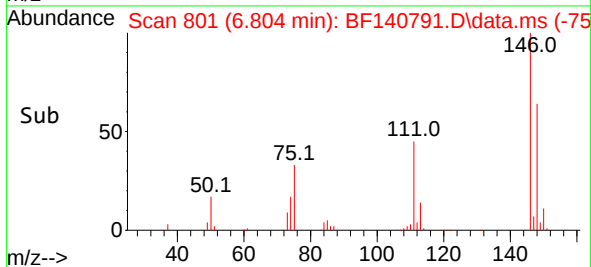
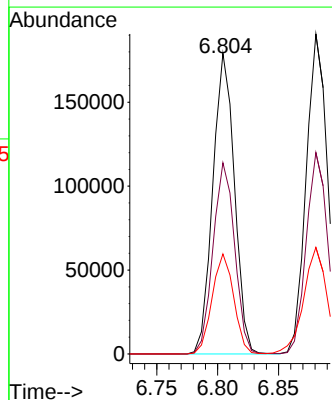
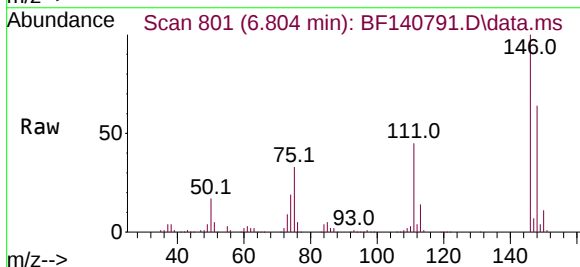
Manual Integrations
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Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 39.285 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:146 Resp: 221837
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 33.3 28.2 42.2





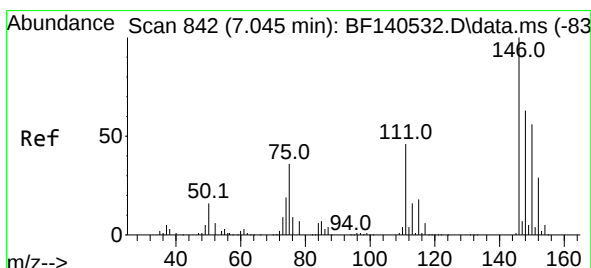
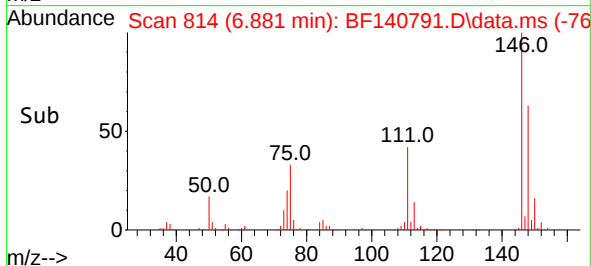
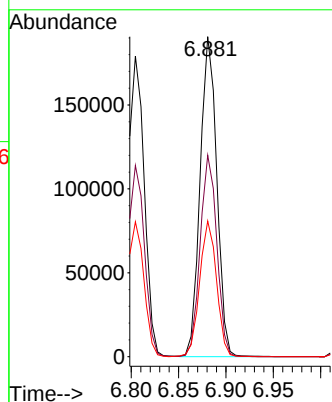
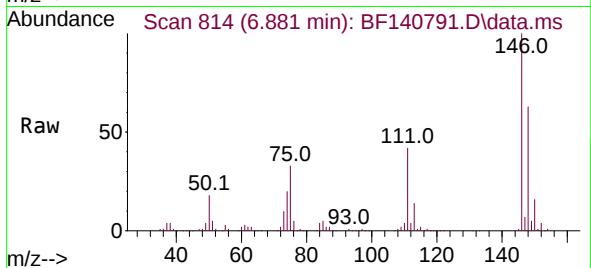
#13
1,4-Dichlorobenzene
Concen: 40.784 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:146 Resp: 23319
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 42.4 35.3 52.9

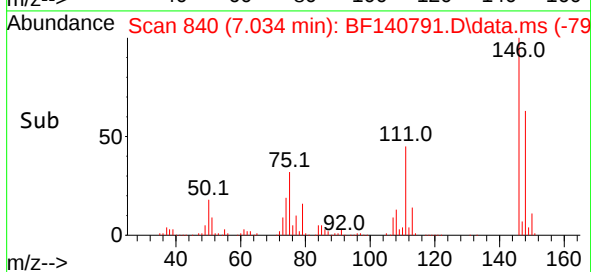
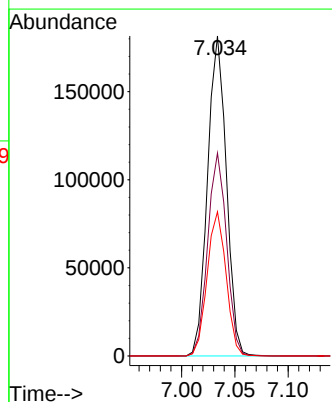
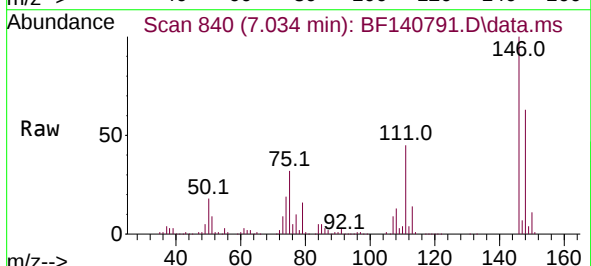
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#14
1,2-Dichlorobenzene
Concen: 41.730 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

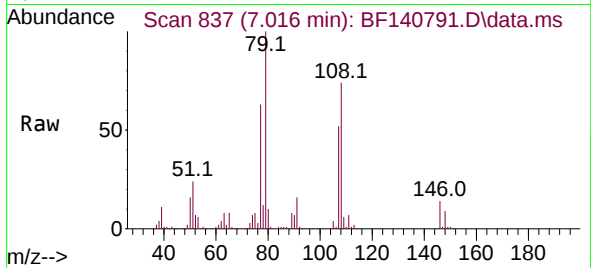
Tgt Ion:146 Resp: 223579
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 45.1 36.7 55.1





#15
Benzyl Alcohol
Concen: 45.779 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

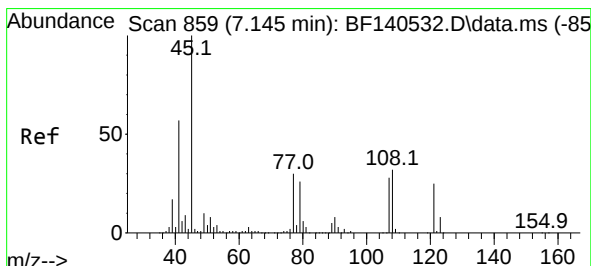
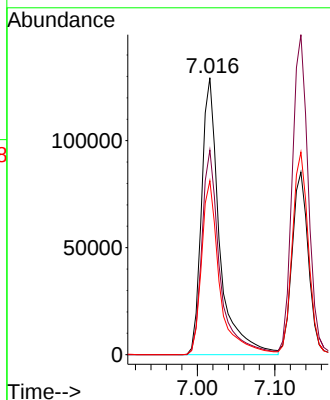
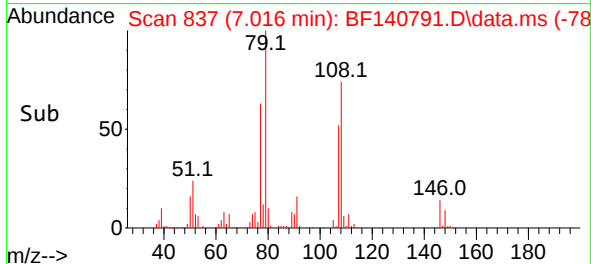
Instrument :
BNA_F
ClientSampleId :
MH-764MS



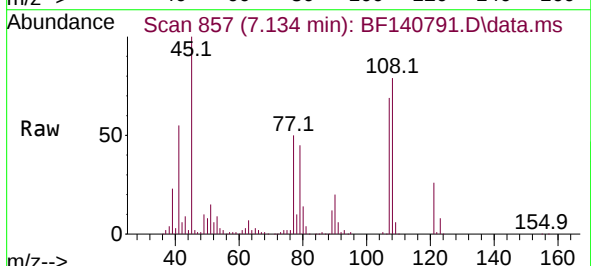
Tgt Ion: 79 Resp: 209652
Ion Ratio Lower Upper
79 100
108 73.9 55.0 82.6
77 62.8 50.1 75.1

Manual Integrations
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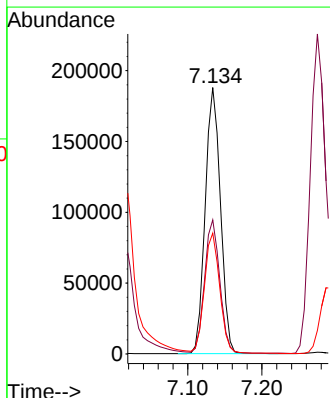
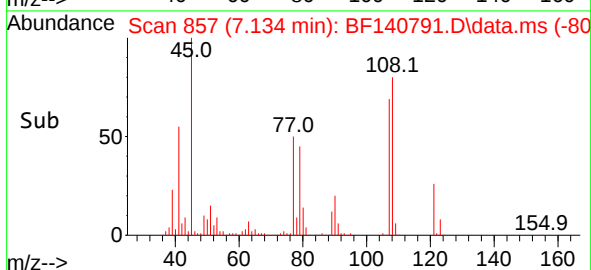
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

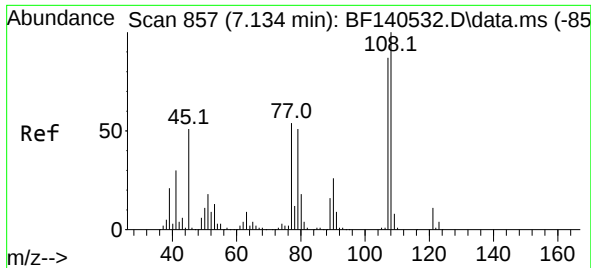


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.021 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



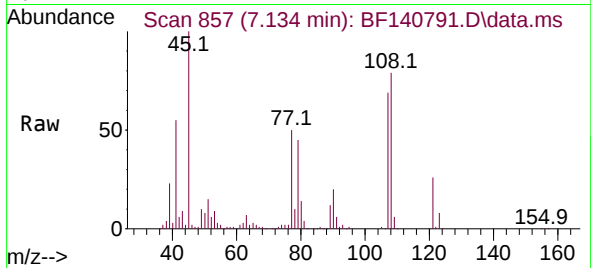
Tgt Ion: 45 Resp: 268087
Ion Ratio Lower Upper
45 100
77 50.3 10.7 50.7
79 45.4 7.0 47.0





#17
2-Methylphenol
Concen: 46.305 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

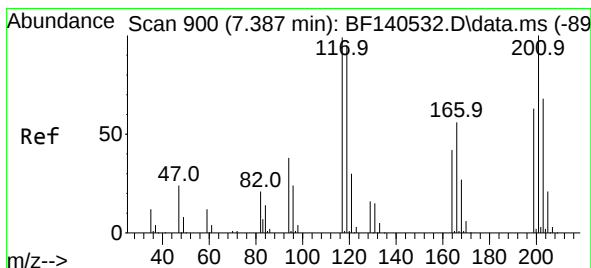
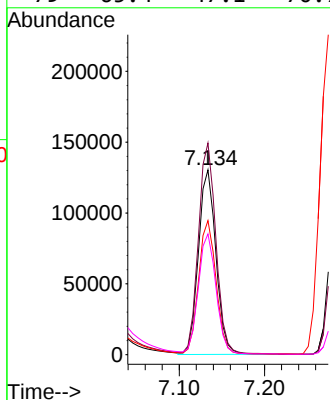
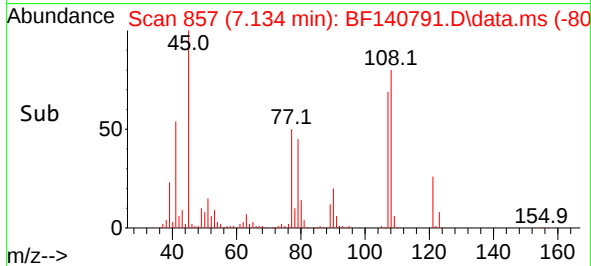
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:107 Resp: 186280
Ion Ratio Lower Upper
107 100
108 114.6 91.7 137.5
77 72.5 49.3 73.9
79 65.4 47.1 70.7

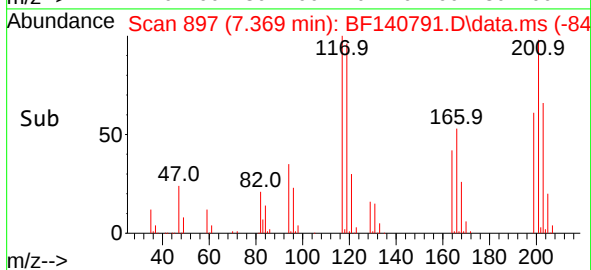
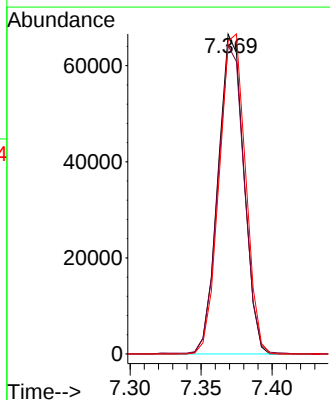
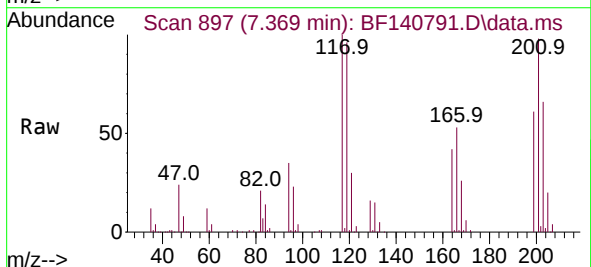
Manual Integrations
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Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 39.420 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

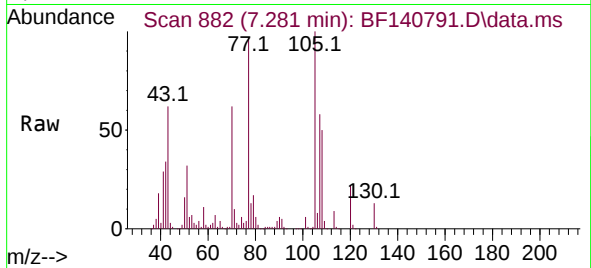
Tgt Ion:117 Resp: 84181
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
201 97.8 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 47.778 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

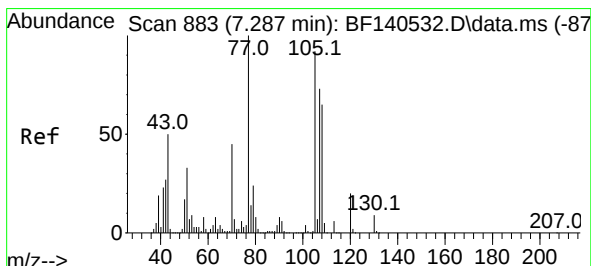
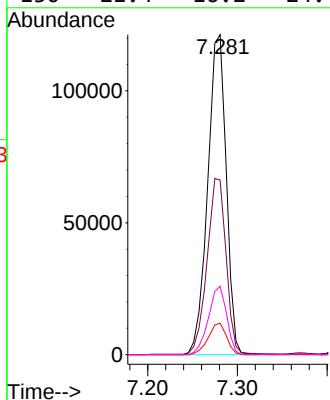
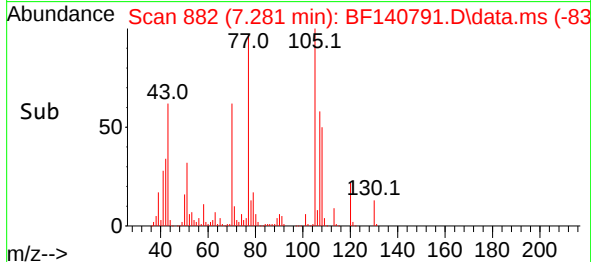
Instrument :
BNA_F
ClientSampleId :
MH-764MS



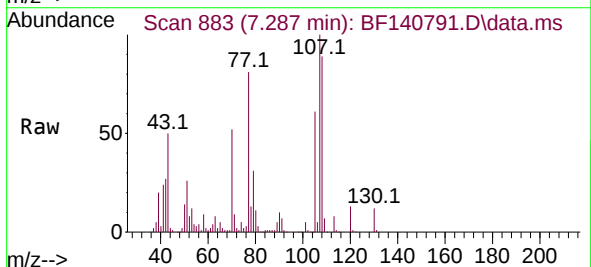
Tgt Ion: 70 Resp: 174370
Ion Ratio Lower Upper
70 100
42 54.6 47.6 71.4
101 9.8 7.6 11.4
130 21.4 16.2 24.4

Manual Integrations
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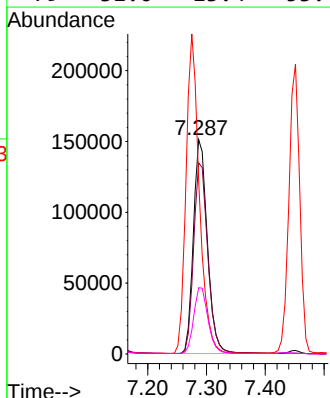
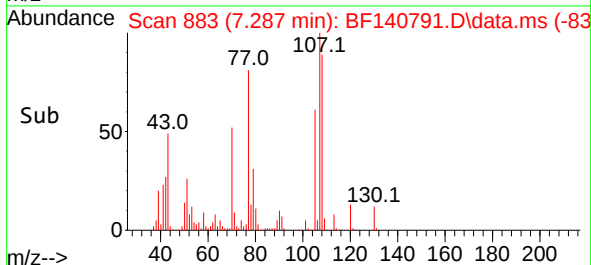
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

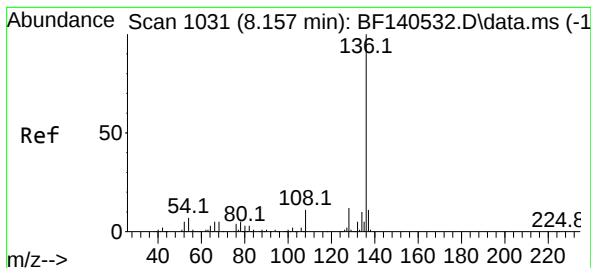


#20
3+4-Methylphenols
Concen: 48.408 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:107 Resp: 250308
Ion Ratio Lower Upper
107 100
108 89.2 69.9 109.9
77 80.7 117.7 157.7#
79 31.0 13.4 53.4





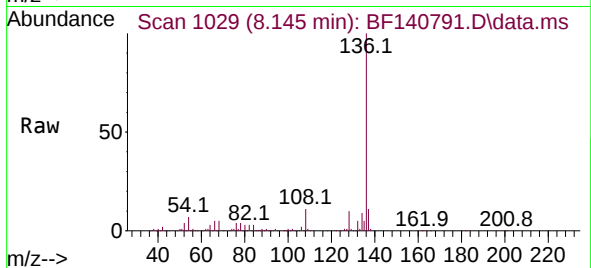
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

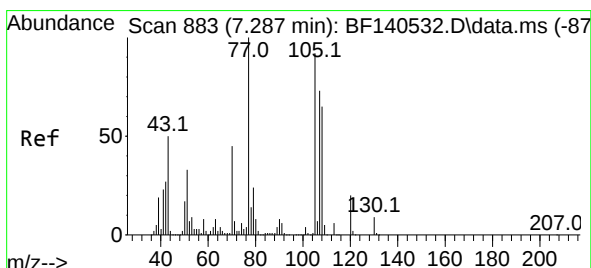
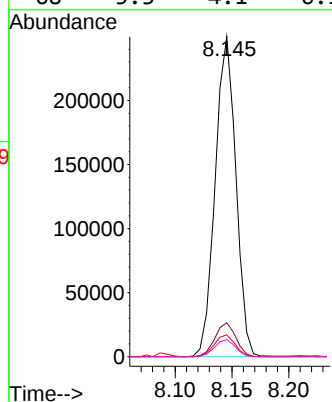
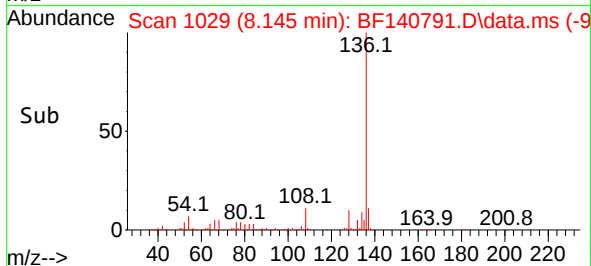


Tgt Ion:136 Resp: 316728
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 5.8 8.8
68 5.3 4.1 6.1

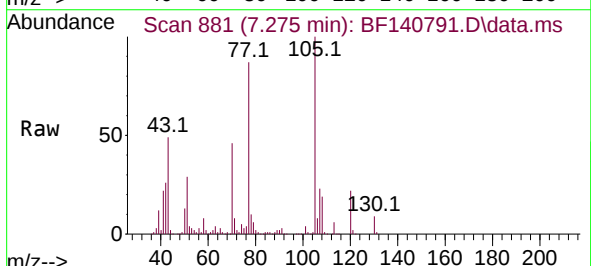
Manual Integrations

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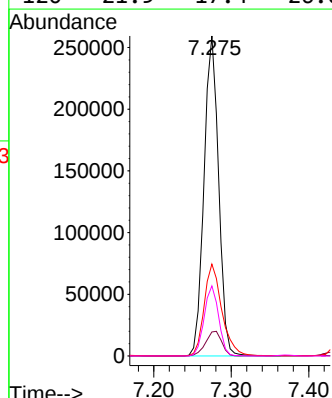
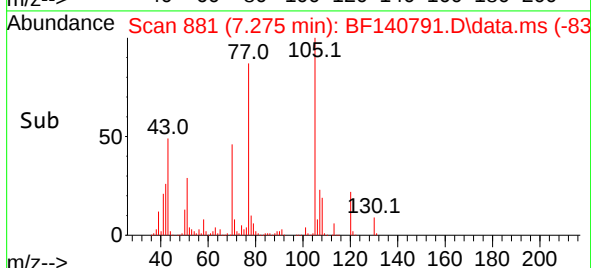
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 43.976 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:105 Resp: 339568
Ion Ratio Lower Upper
105 100
71 7.5 6.2 9.2
51 28.7 29.0 43.6#
120 21.9 17.4 26.0





#23
Nitrobenzene-d5
Concen: 88.178 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

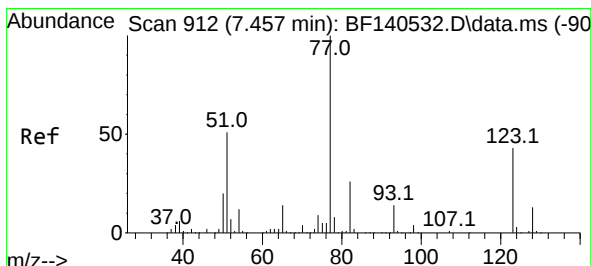
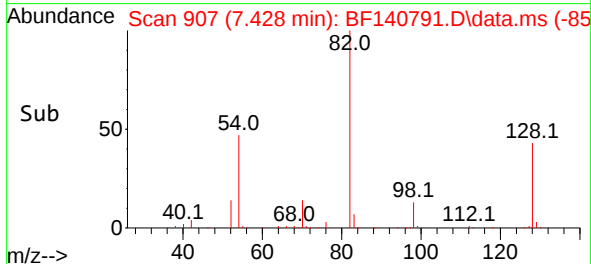
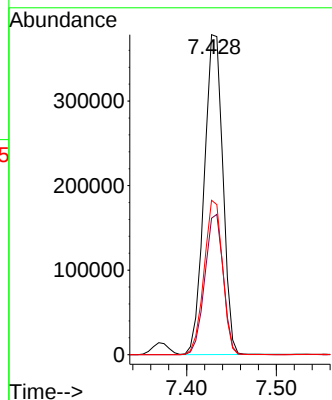
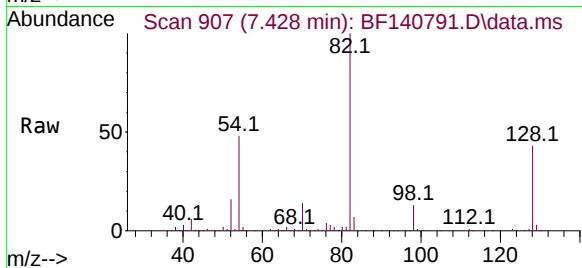
MH-764MS

Tgt Ion: 82 Resp: 546010
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 48.2 39.5 59.3

Manual Integrations

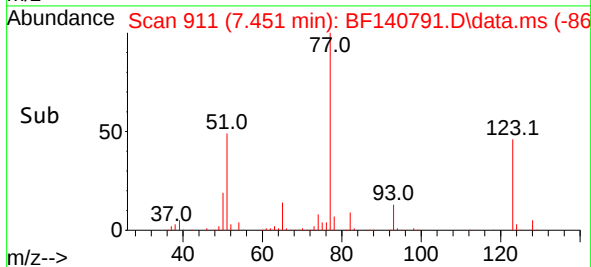
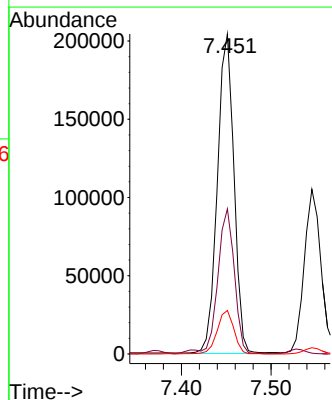
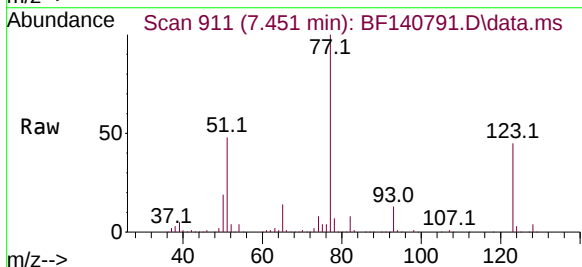
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Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#24
Nitrobenzene
Concen: 41.026 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion: 77 Resp: 262554
Ion Ratio Lower Upper
77 100
123 45.4 34.3 51.5
65 13.6 11.2 16.8





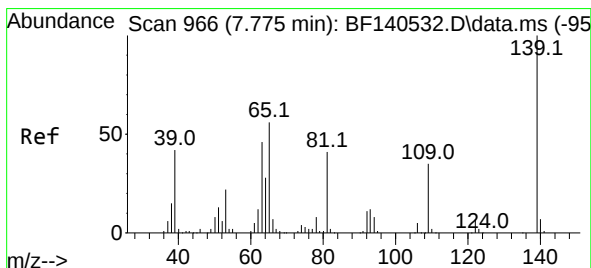
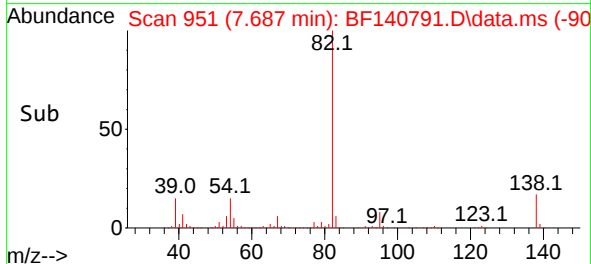
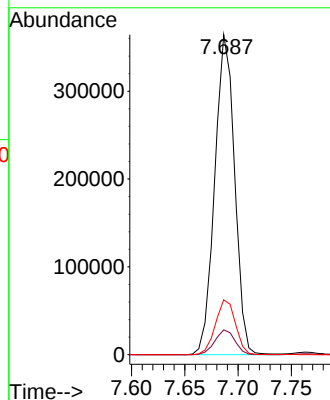
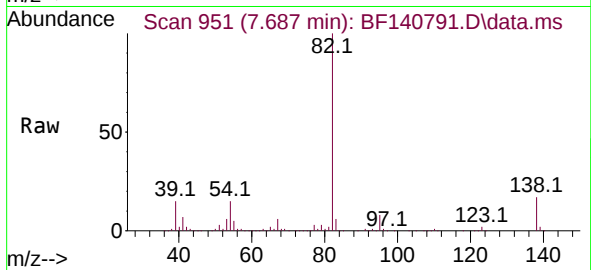
#25
Isophorone
Concen: 45.759 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion: 82 Resp: 472592
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.2 13.8 20.6

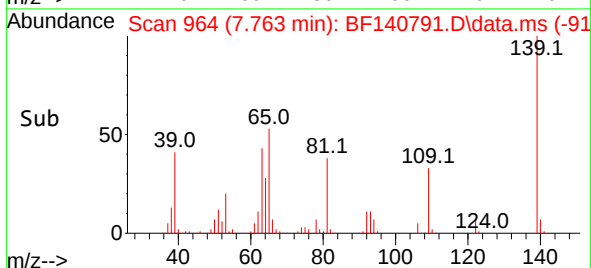
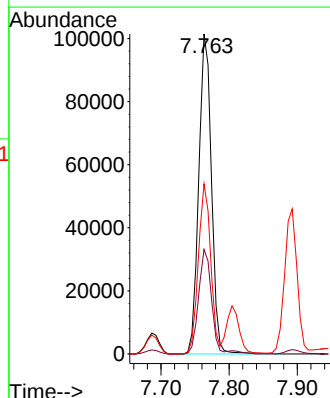
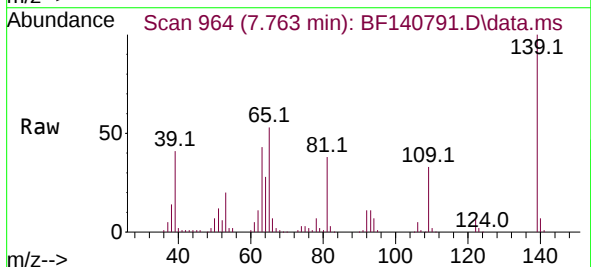
Manual Integrations
APPROVED

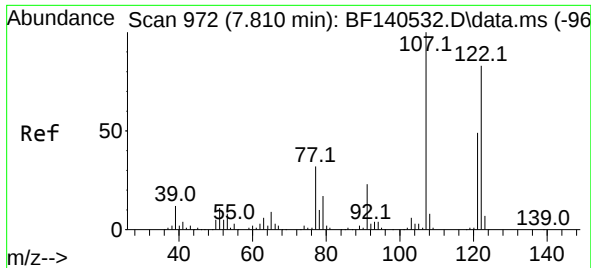
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 46.041 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:139 Resp: 130576
Ion Ratio Lower Upper
139 100
109 32.7 28.0 42.0
65 53.1 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 59.525 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

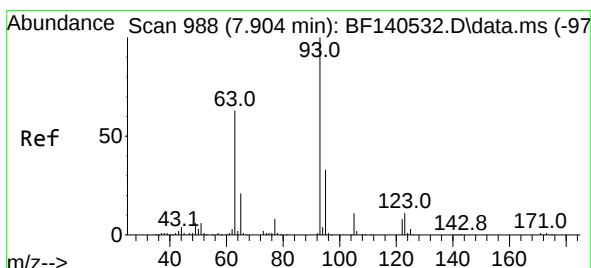
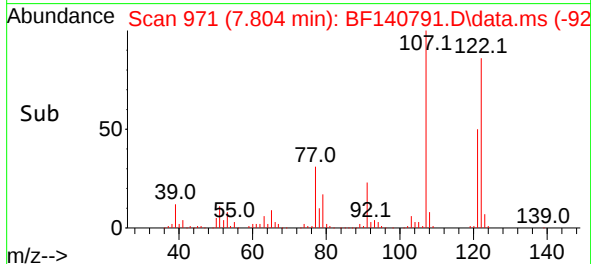
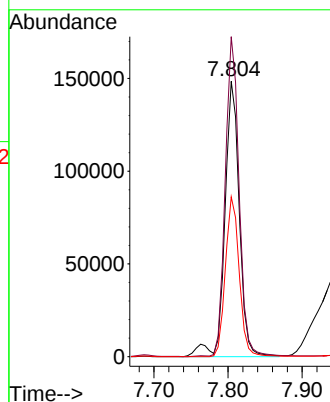
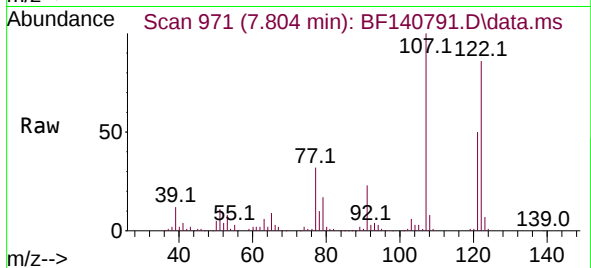
MH-764MS

Tgt Ion:122 Resp: 20198
Ion Ratio Lower Upper
122 100
107 116.2 96.8 145.2
121 58.0 47.4 71.0

Manual Integrations

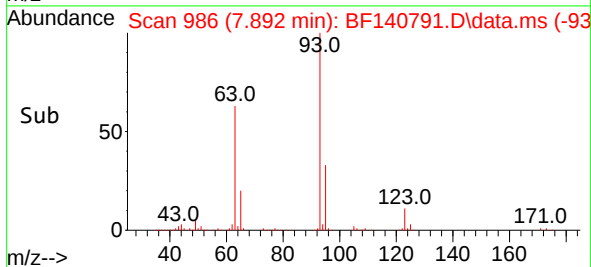
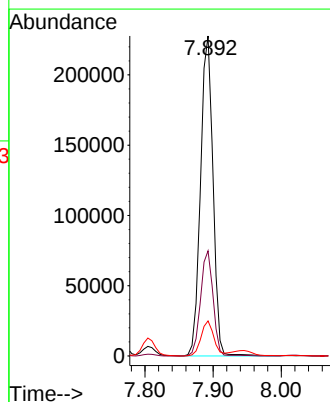
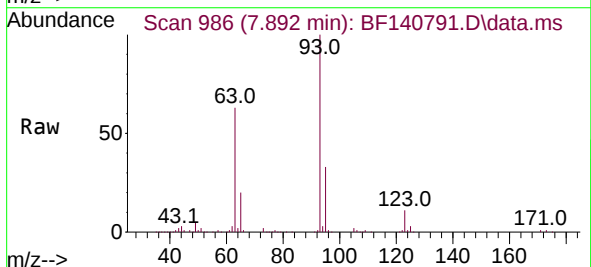
APPROVED

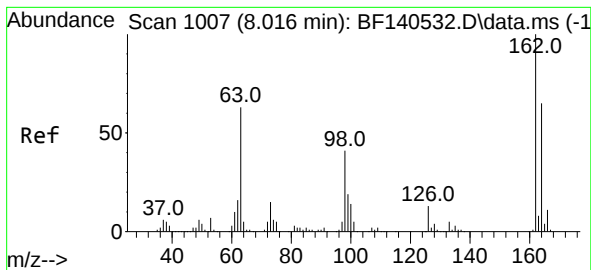
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.084 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

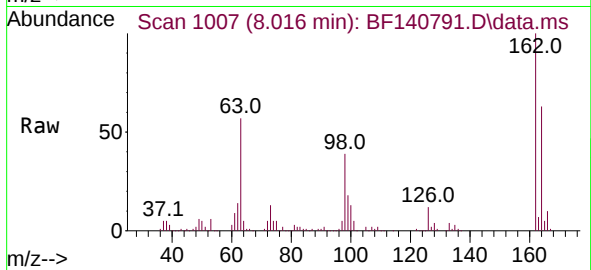
Tgt Ion: 93 Resp: 289953
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 10.9 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 47.919 ng
RT: 8.016 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

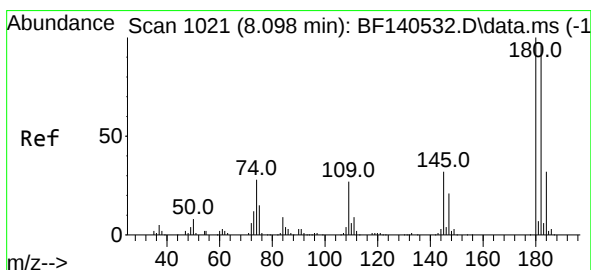
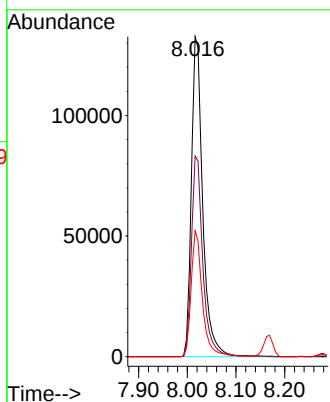
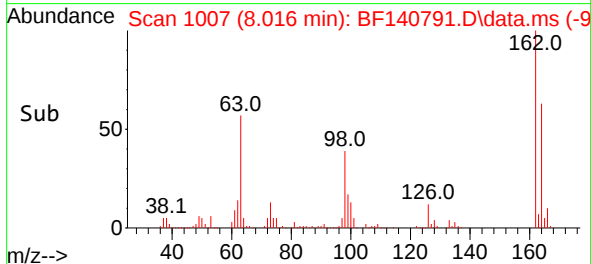
Instrument :
BNA_F
ClientSampleId :
MH-764MS



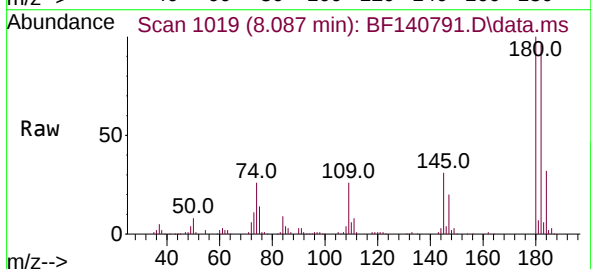
Tgt Ion:162 Resp: 21546
Ion Ratio Lower Upper
162 100
164 62.7 44.8 84.8
98 39.3 21.2 61.2

Manual Integrations
APPROVED

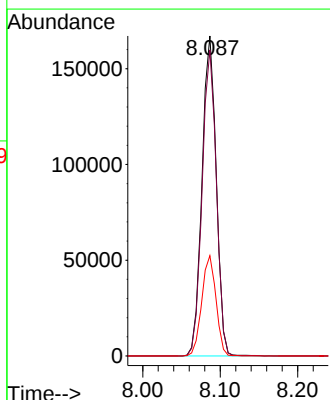
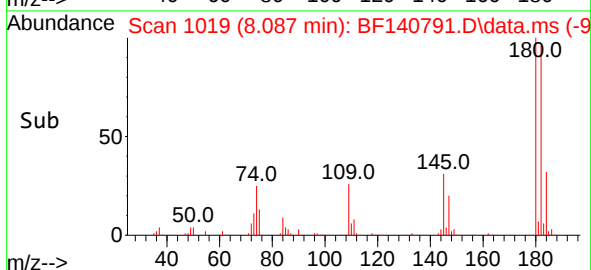
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

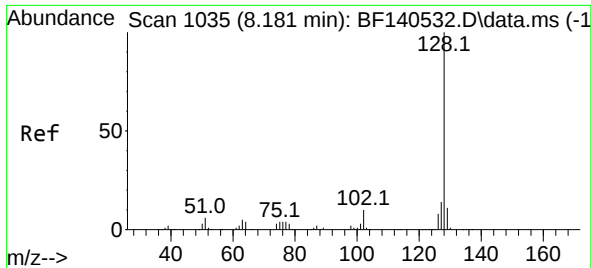


#30
1,2,4-Trichlorobenzene
Concen: 41.456 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:180 Resp: 212827
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 31.4 25.9 38.9





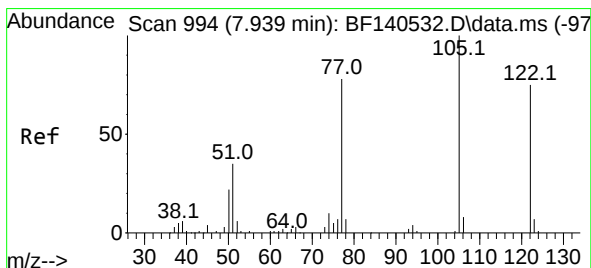
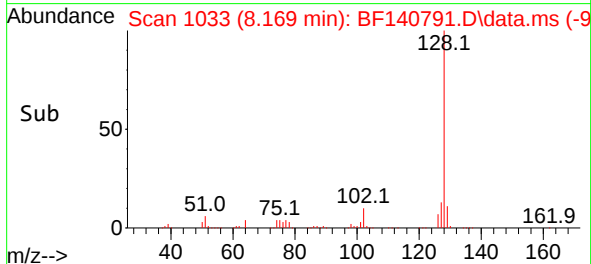
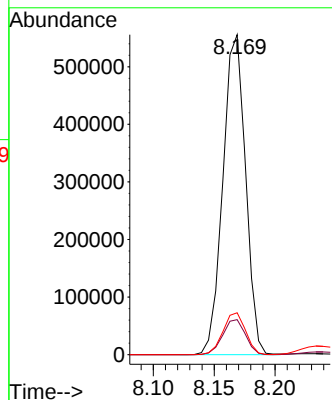
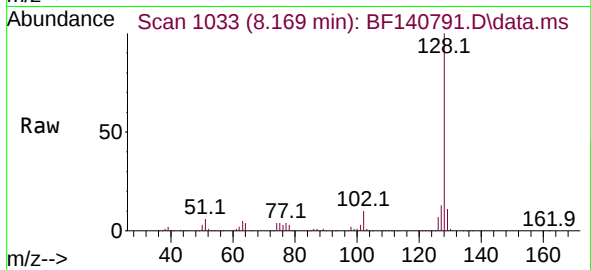
#31
Naphthalene
Concen: 44.185 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:128 Resp: 72084
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.8 16.2

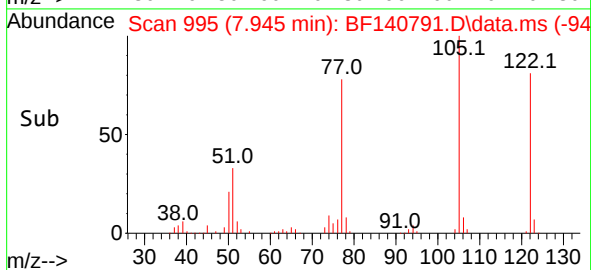
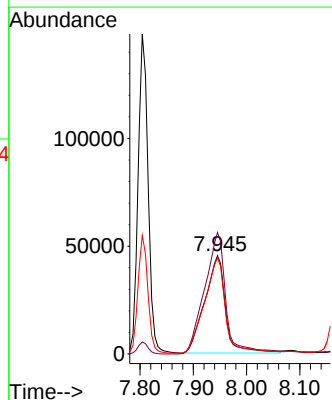
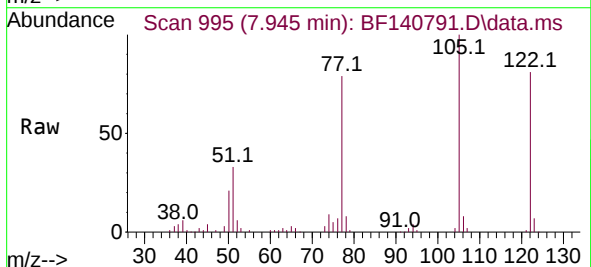
Manual Integrations
APPROVED

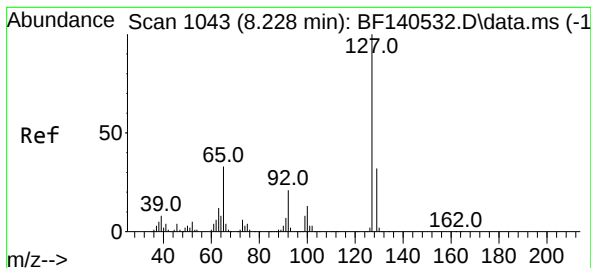
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#32
Benzoic acid
Concen: 42.344 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

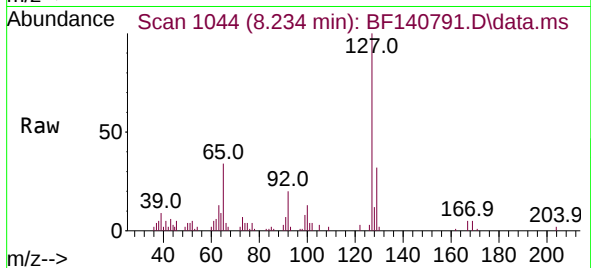
Tgt Ion:122 Resp: 122093
Ion Ratio Lower Upper
122 100
105 123.6 109.3 149.3
77 98.0 82.3 122.3





#33
4-Chloroaniline
Concen: 9.696 ng
RT: 8.234 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

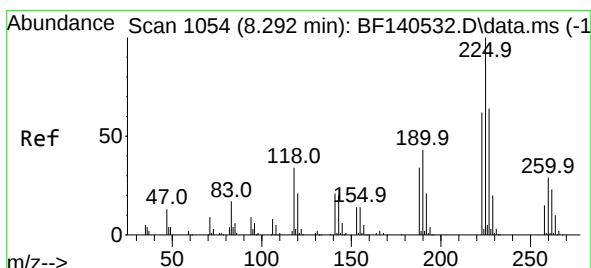
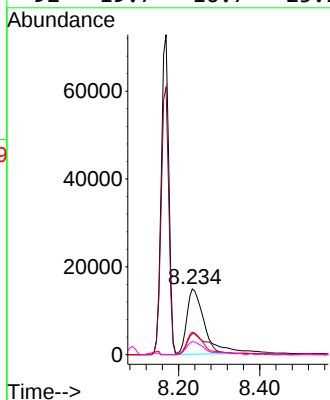
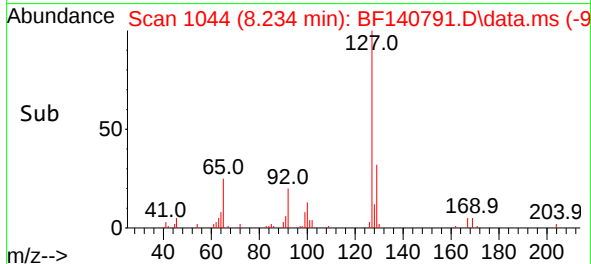
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:	127	Resp:	47362
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.0	39.0
65	34.3	26.0	39.0
92	19.7	16.7	25.1

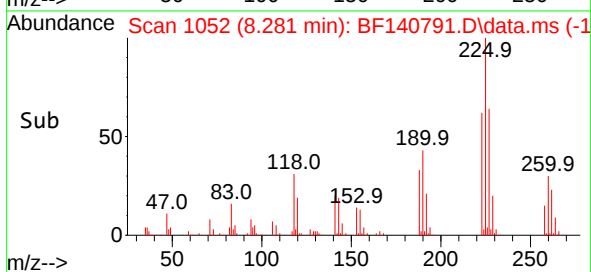
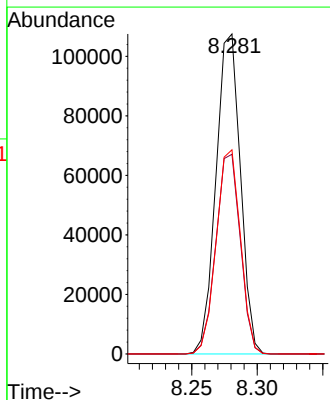
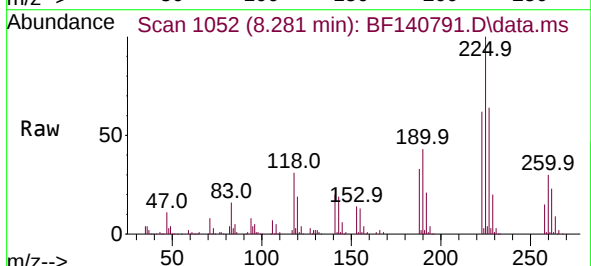
Manual Integrations
APPROVED

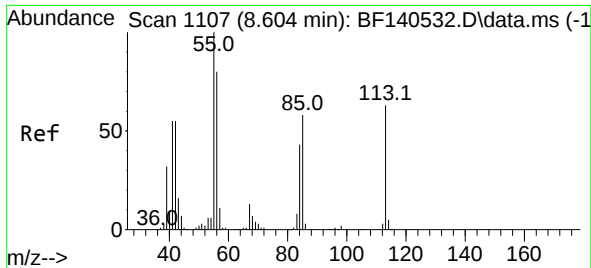
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 40.953 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:	225	Resp:	139257
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.8	74.8
227	63.8	51.3	76.9





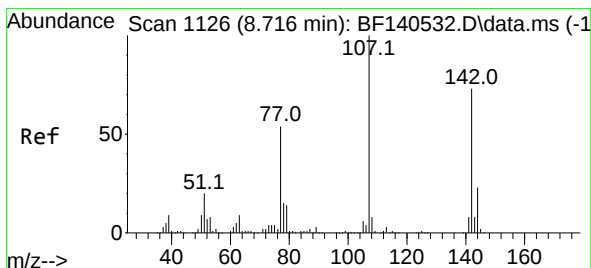
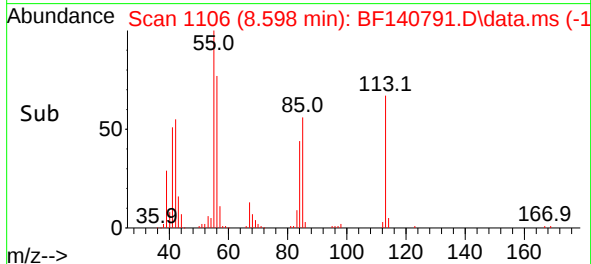
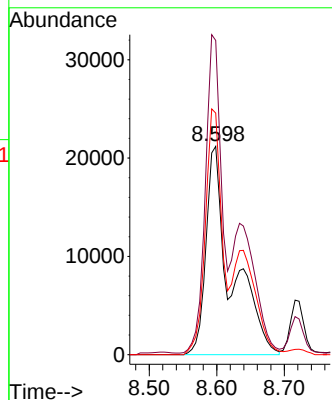
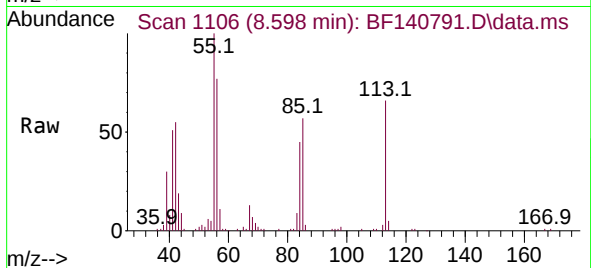
#35
Caprolactam
Concen: 39.831 ng m
RT: 8.598 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:113 Resp: 55425
Ion Ratio Lower Upper
113 100
55 150.8 137.7 177.7
56 116.0 106.4 146.4

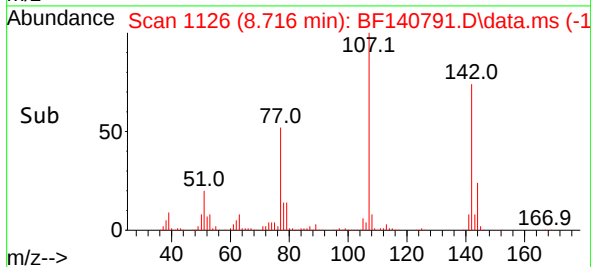
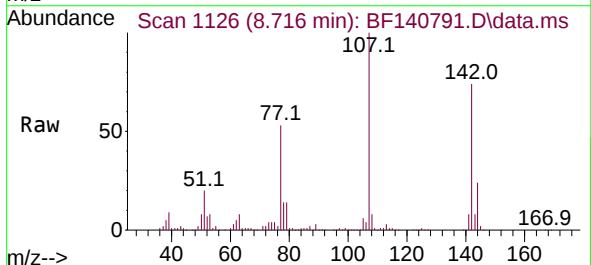
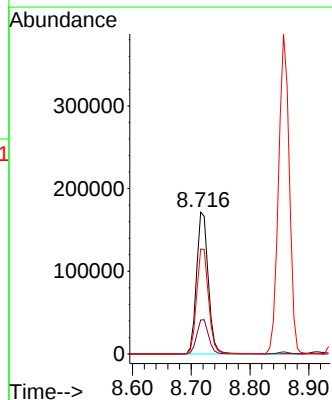
Manual Integrations
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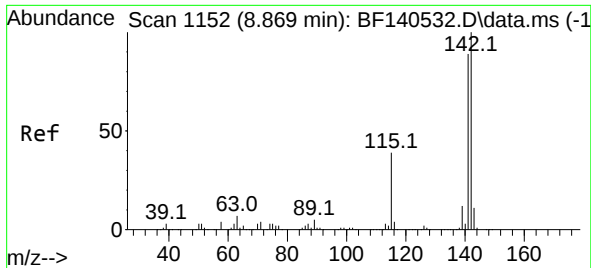
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#36
4-Chloro-3-methylphenol
Concen: 47.254 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:107 Resp: 237890
Ion Ratio Lower Upper
107 100
144 24.0 18.7 28.1
142 74.1 58.3 87.5





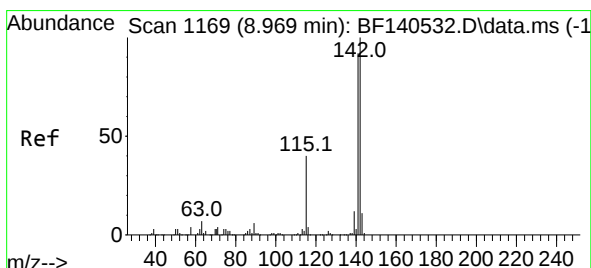
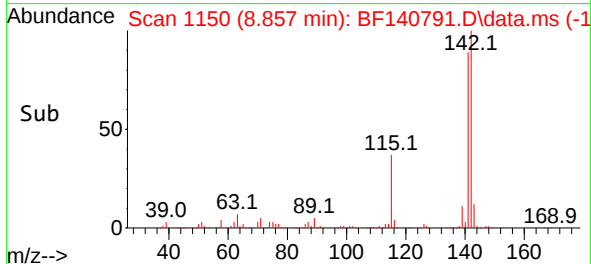
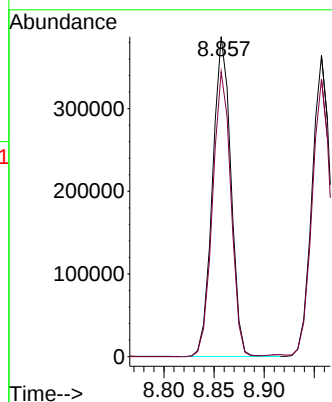
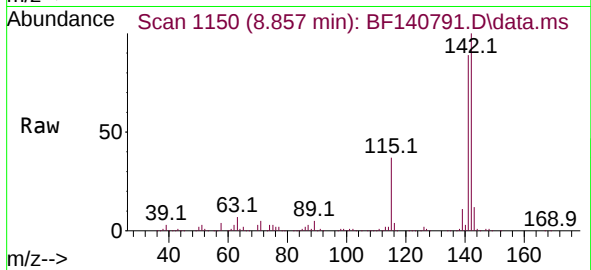
#37
2-Methylnaphthalene
Concen: 47.435 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:142 Resp: 49153
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6

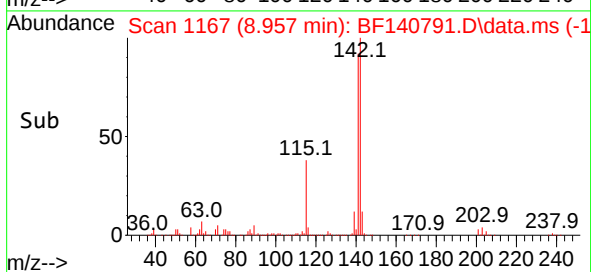
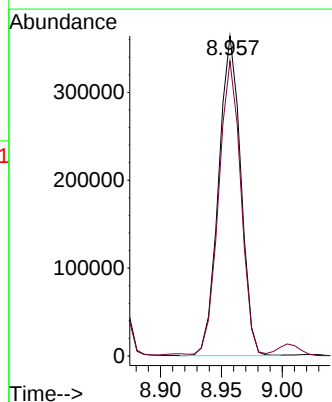
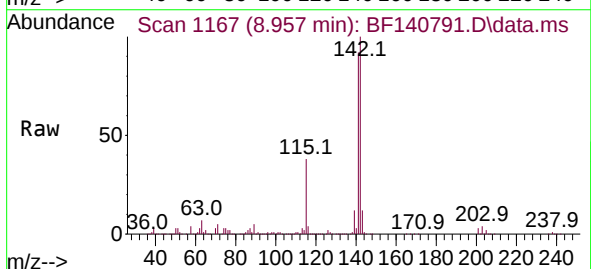
Manual Integrations
APPROVED

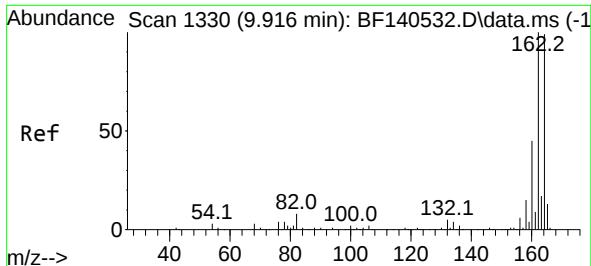
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 45.311 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:142 Resp: 460226
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF140791.D

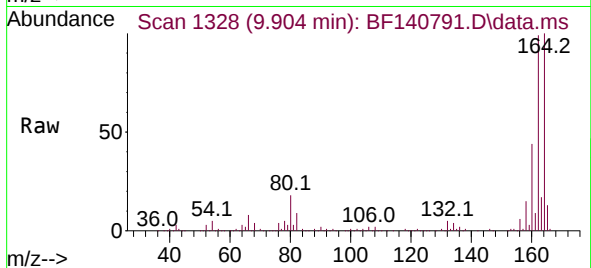
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS



Tgt Ion:164 Resp: 18614

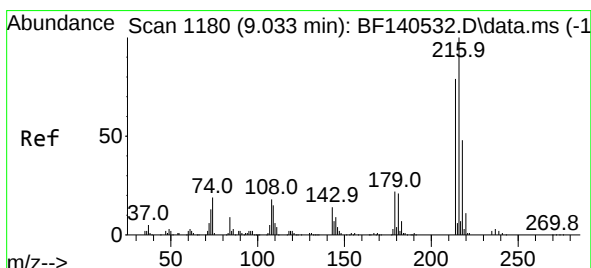
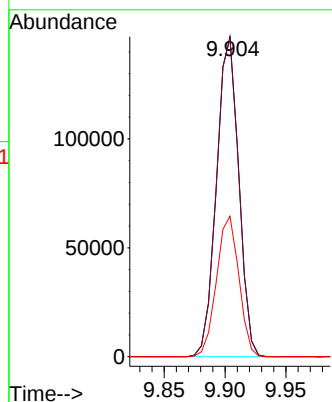
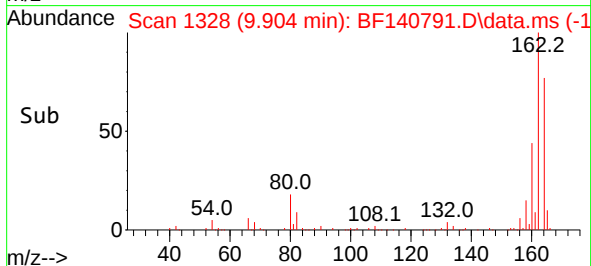
Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	120.8
160	43.9	36.2	54.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#40

1,2,4,5-Tetrachlorobenzene

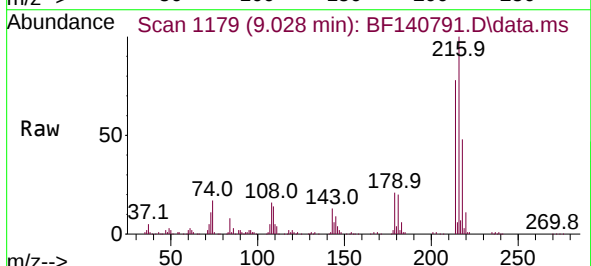
Concen: 44.042 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

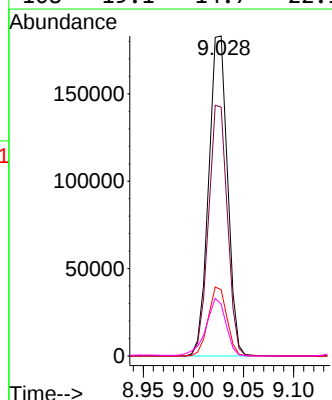
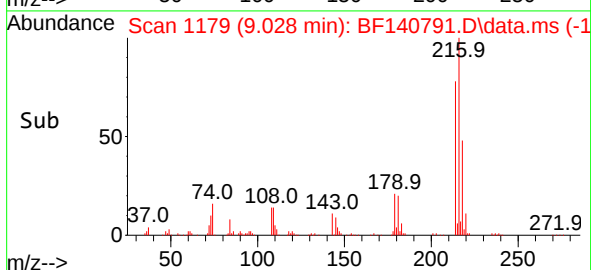
Lab File: BF140791.D

Acq: 09 Dec 2024 15:55



Tgt Ion:216 Resp: 240002

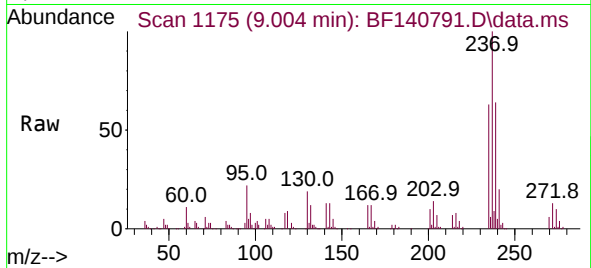
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	21.2	17.5	26.3
108	19.1	14.7	22.1





#41
Hexachlorocyclopentadiene
Concen: 109.360 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

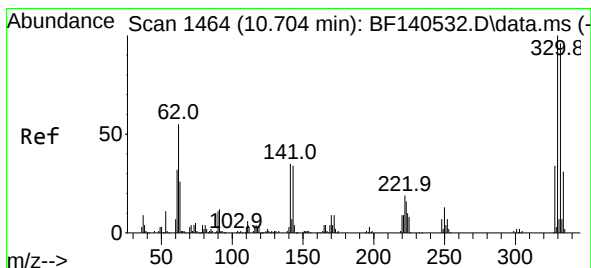
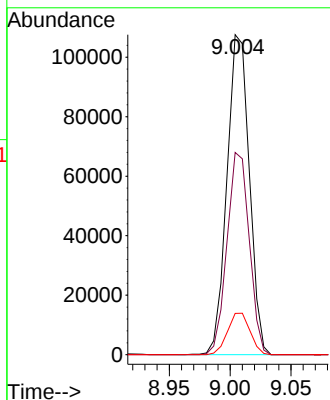
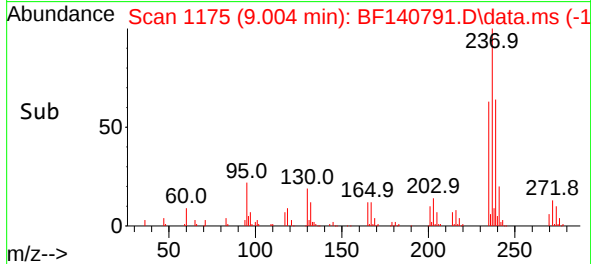
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:237 Resp: 13756
Ion Ratio Lower Upper
237 100
235 63.2 41.1 81.1
272 12.9 0.0 32.6

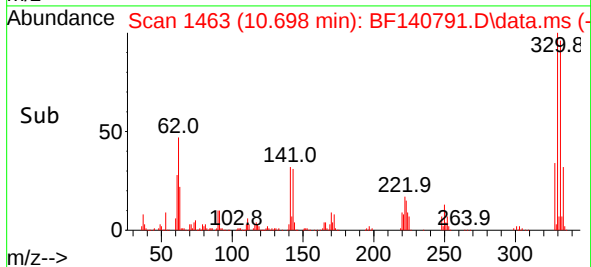
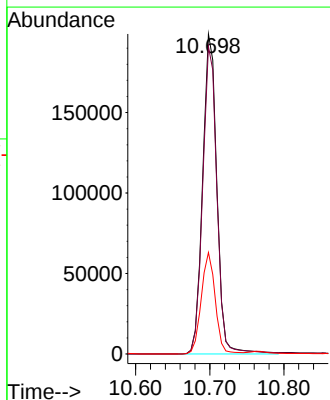
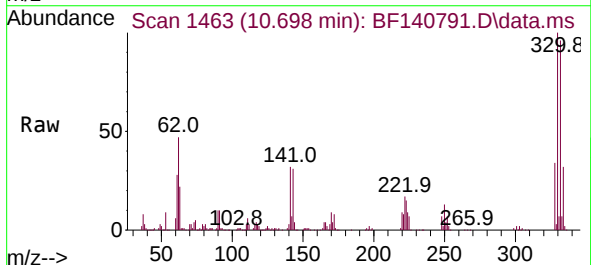
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 133.586 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:330 Resp: 265944
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 31.1 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 45.270 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:196 Resp: 154798

Ion Ratio Lower Upper

196 100

198 96.7 76.8 115.2

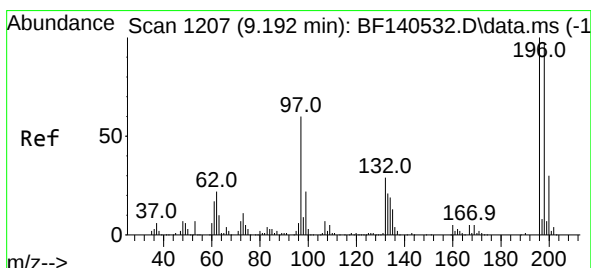
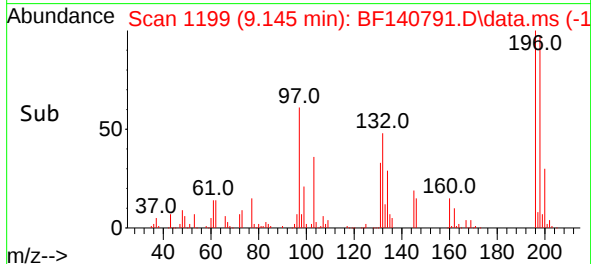
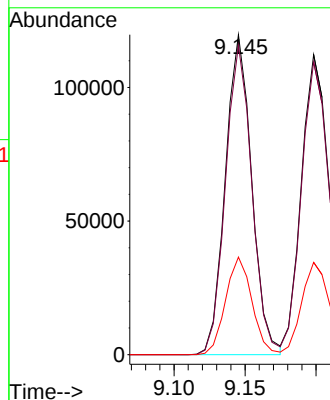
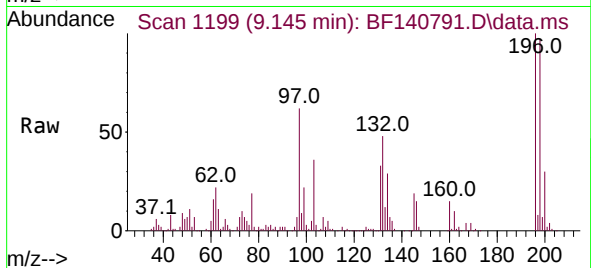
200 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#44

2,4,5-Trichlorophenol

Concen: 44.118 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Tgt Ion:196 Resp: 163723

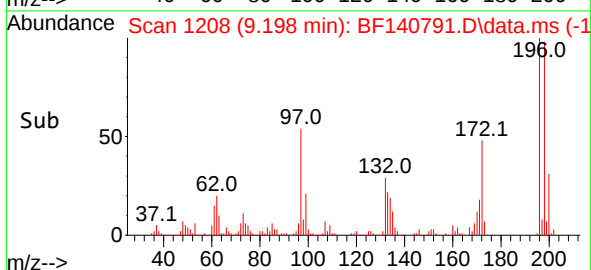
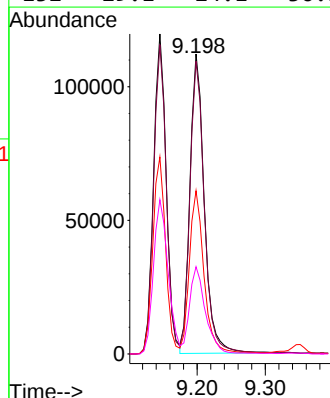
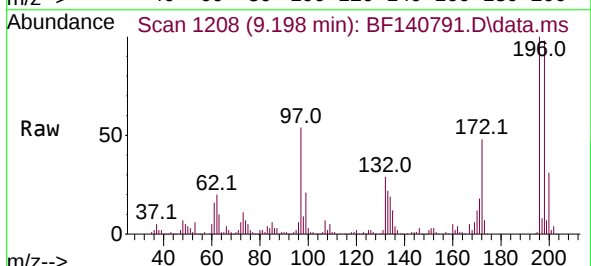
Ion Ratio Lower Upper

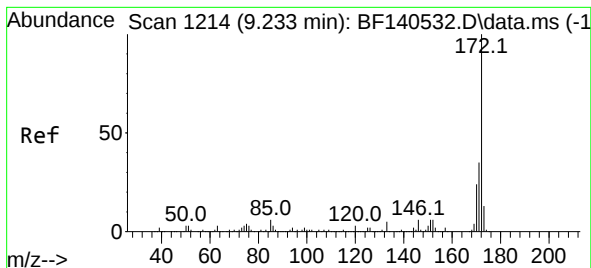
196 100

198 97.6 77.2 115.8

97 54.4 47.1 70.7

132 29.1 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 89.225 ng

RT: 9.222 min Scan# 1114709

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:172 Resp: 1114709

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

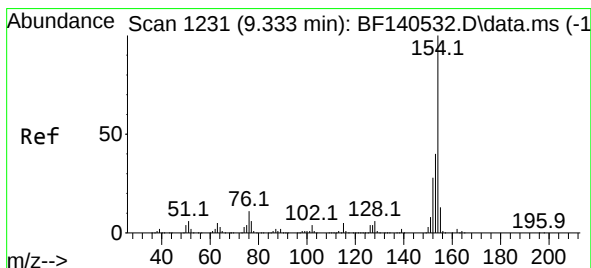
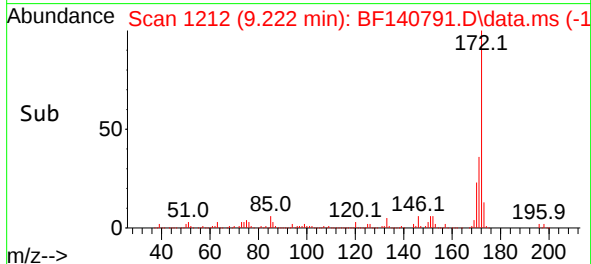
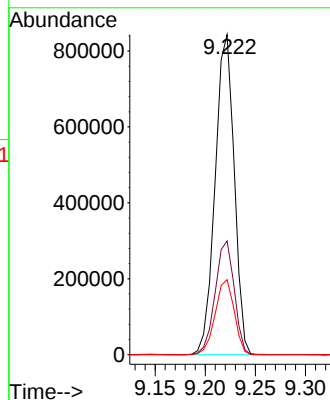
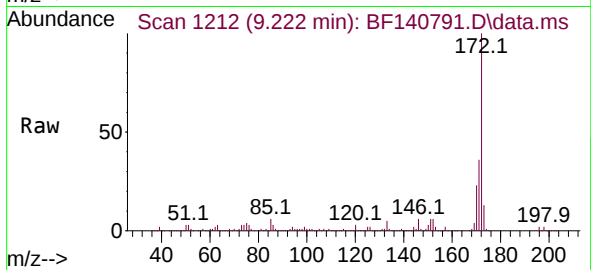
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#46

1,1'-Biphenyl

Concen: 46.004 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

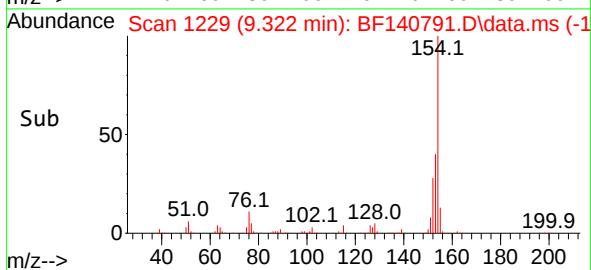
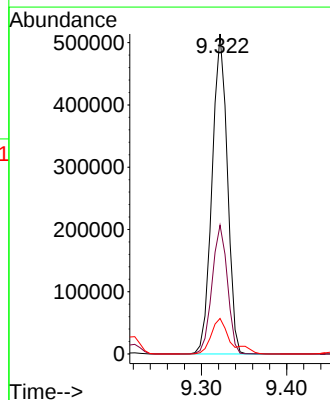
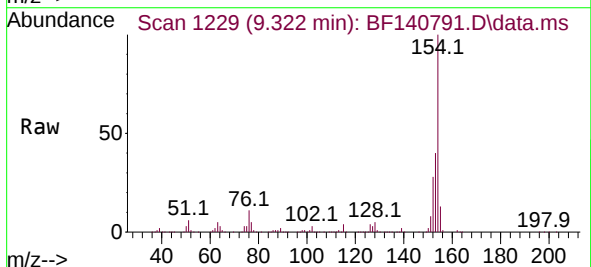
Tgt Ion:154 Resp: 639347

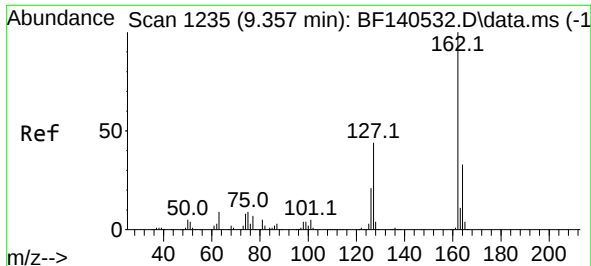
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 44.578 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:162 Resp: 46943

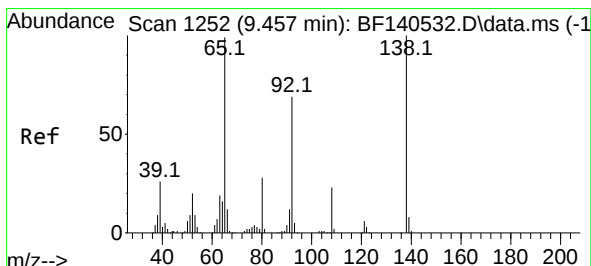
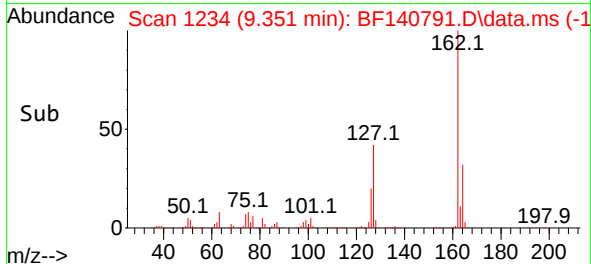
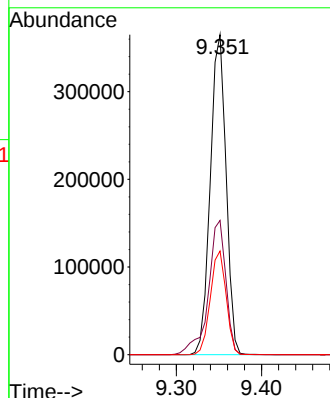
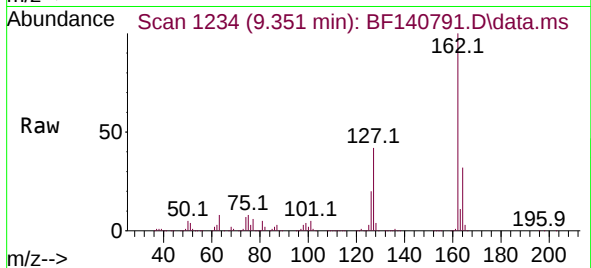
Ion	Ratio	Lower	Upper
162	100		
127	42.0	35.7	53.5
164	32.4	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 45.347 ng

RT: 9.451 min Scan# 1251

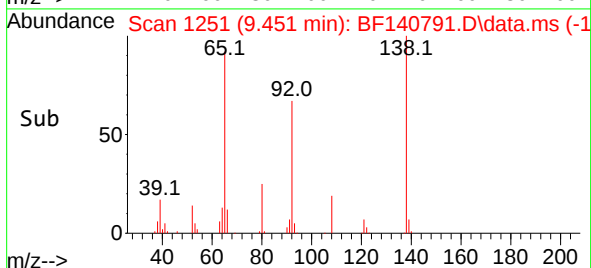
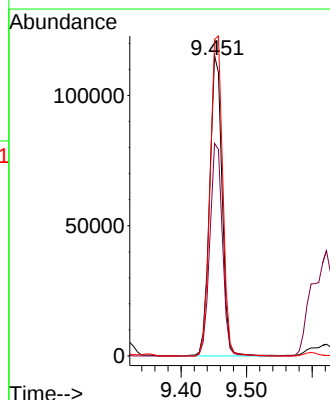
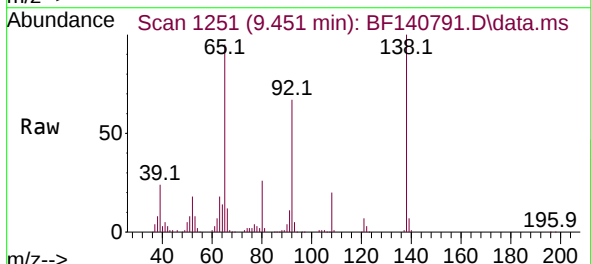
Delta R.T. -0.006 min

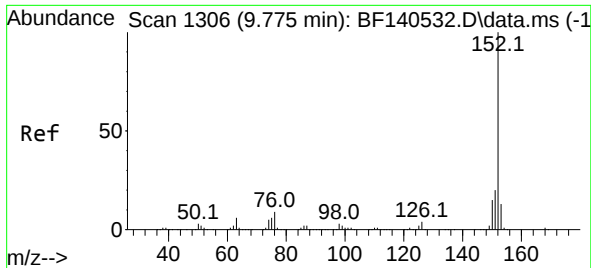
Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Tgt Ion: 65 Resp: 153276

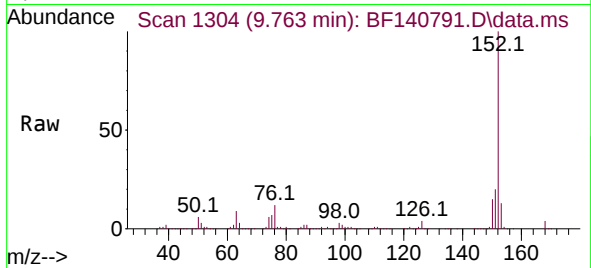
Ion	Ratio	Lower	Upper
65	100		
92	70.8	56.1	84.1
138	105.5	81.0	121.6





#49
Acenaphthylene
Concen: 48.438 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

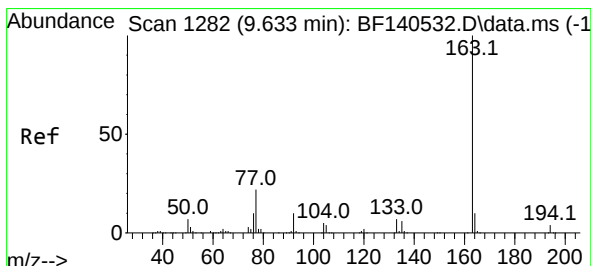
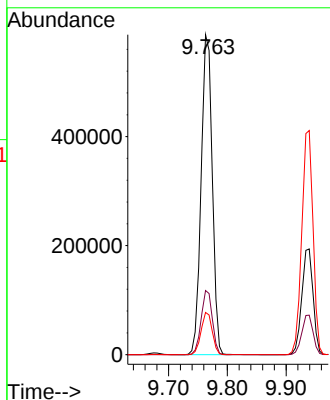
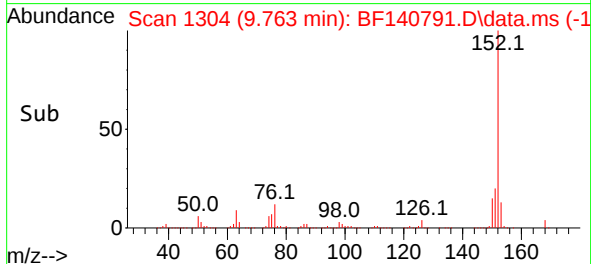
Instrument :
BNA_F
ClientSampleId :
MH-764MS



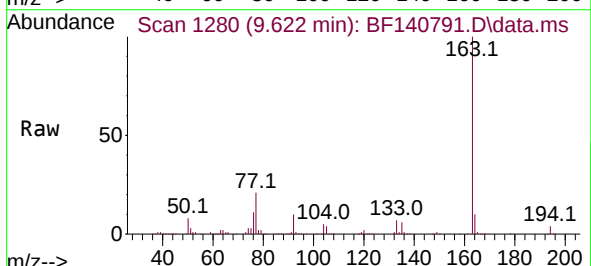
Tgt Ion:152 Resp: 77069
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations
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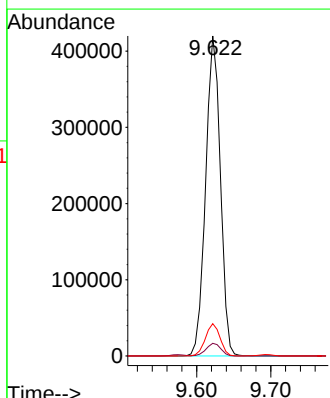
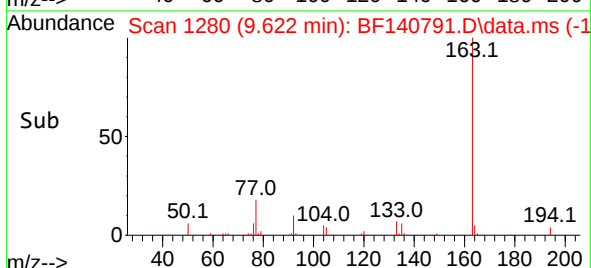
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#50
Dimethylphthalate
Concen: 47.308 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:163 Resp: 579964
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





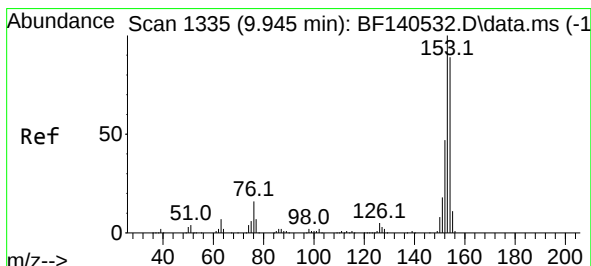
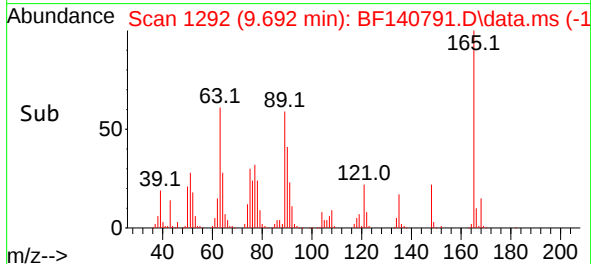
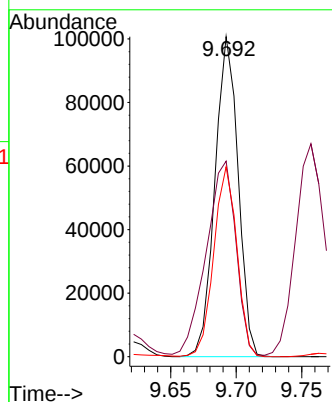
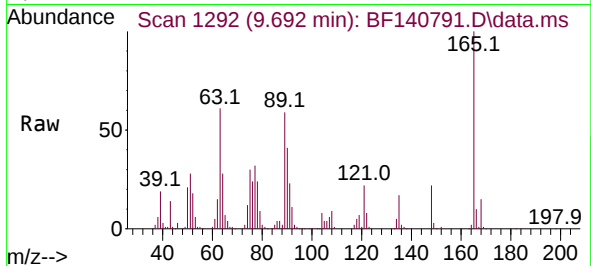
#51
2,6-Dinitrotoluene
Concen: 44.579 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:165 Resp: 123940
Ion Ratio Lower Upper
165 100
63 61.1 49.9 74.9
89 59.3 50.9 76.3

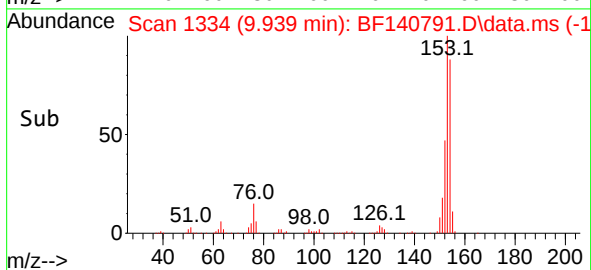
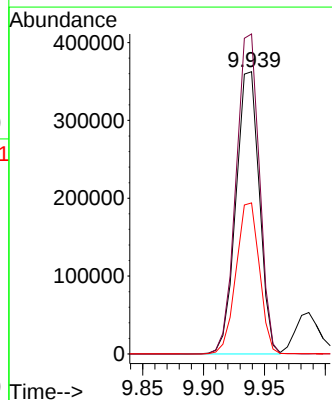
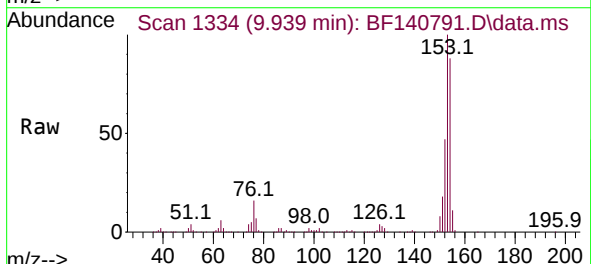
Manual Integrations
APPROVED

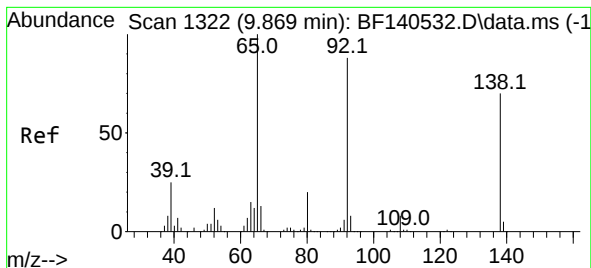
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#52
Acenaphthene
Concen: 47.980 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:154 Resp: 485059
Ion Ratio Lower Upper
154 100
153 113.4 89.7 134.5
152 53.5 42.5 63.7





#53

3-Nitroaniline

Concen: 14.648 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

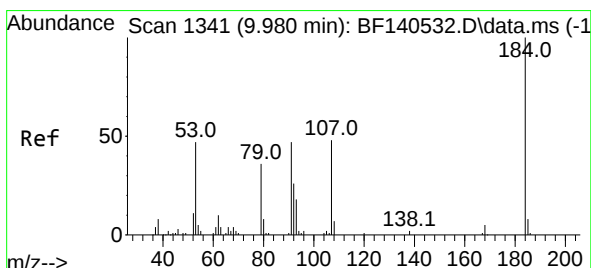
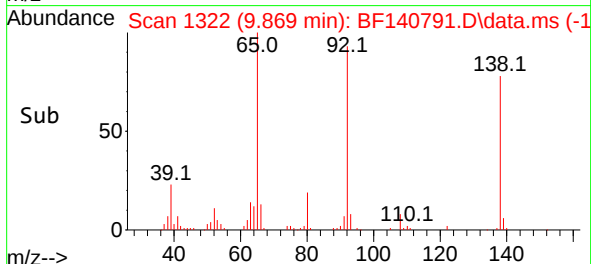
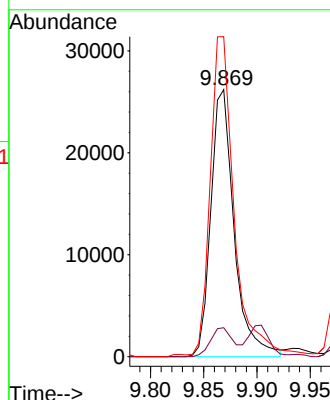
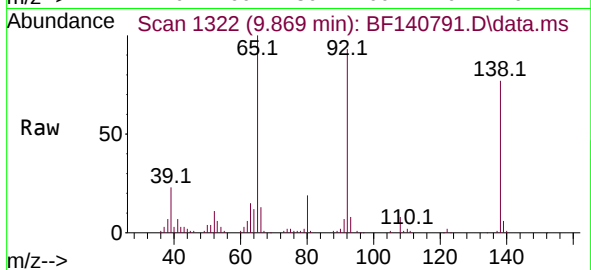
MH-764MS

Tgt Ion:138 Resp: 3983
 Ion Ratio Lower Upper
 138 100
 108 10.8 9.2 13.8
 92 119.9 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/12/2024



#54

2,4-Dinitrophenol

Concen: 86.785 ng

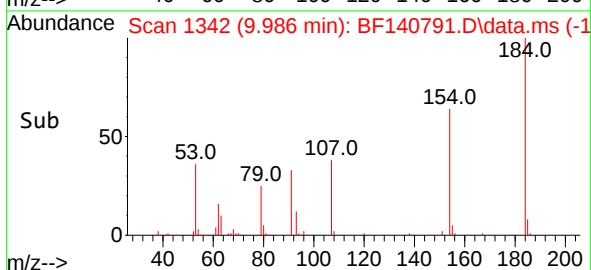
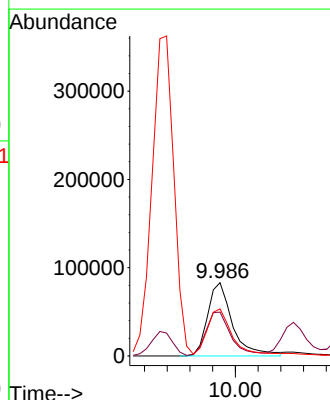
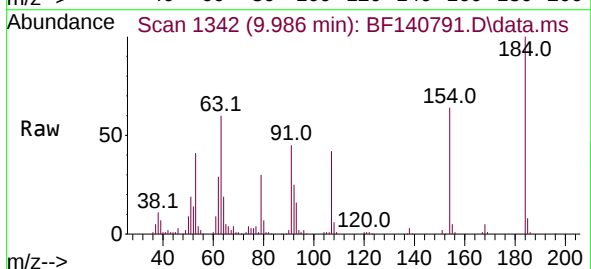
RT: 9.986 min Scan# 1342

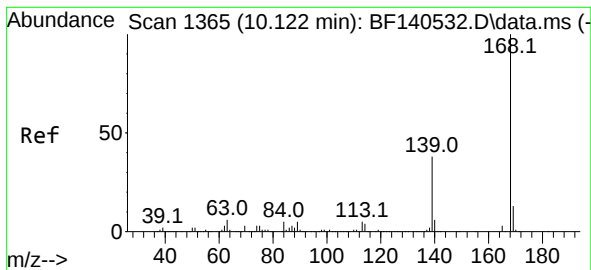
Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Tgt Ion:184 Resp: 126025
 Ion Ratio Lower Upper
 184 100
 63 59.7 54.1 81.1
 154 64.1 57.4 86.0





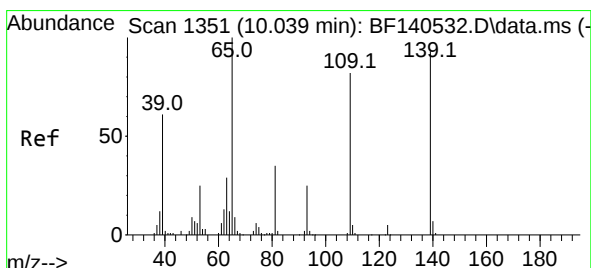
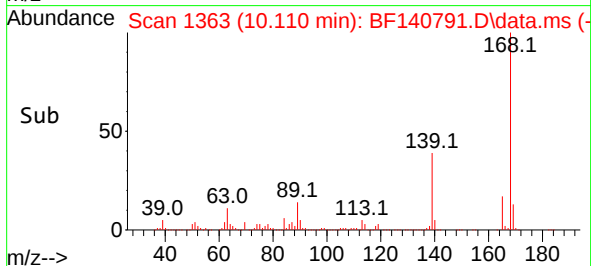
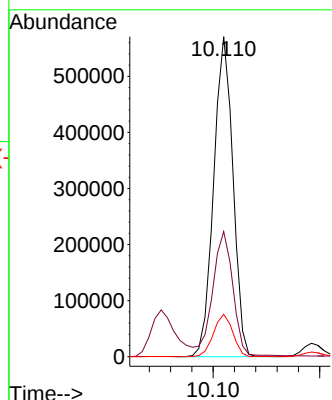
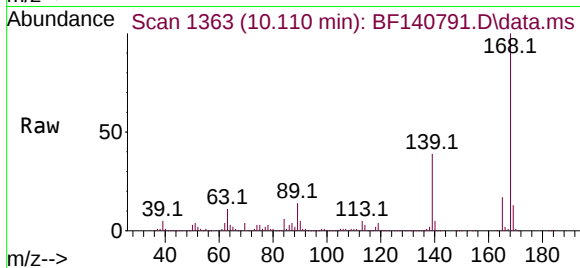
#55
Dibenzenofuran
Concen: 46.443 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:168 Resp: 716174
Ion Ratio Lower Upper
168 100
139 39.1 31.3 46.9
169 13.3 10.5 15.7

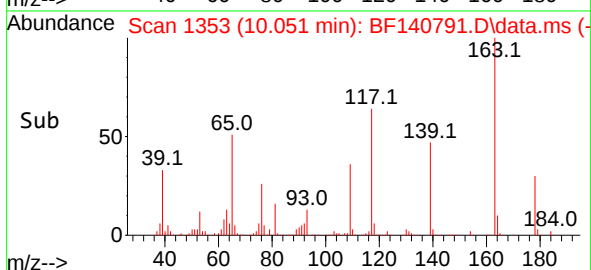
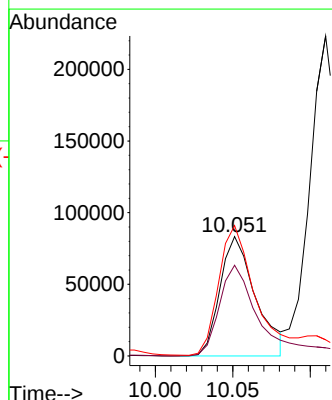
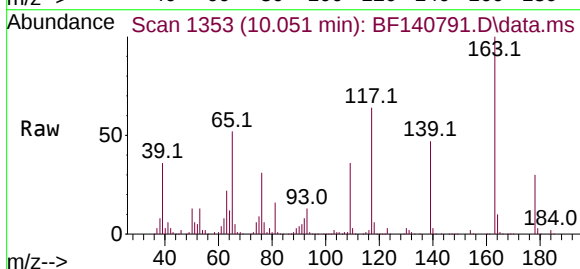
Manual Integrations
APPROVED

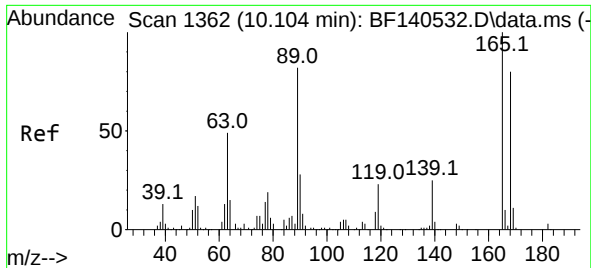
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 71.746 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:139 Resp: 133056
Ion Ratio Lower Upper
139 100
109 75.9 68.4 108.4
65 109.2 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 45.707 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

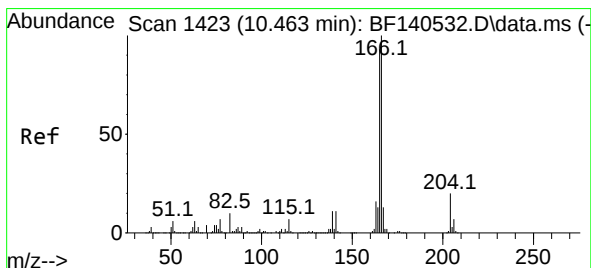
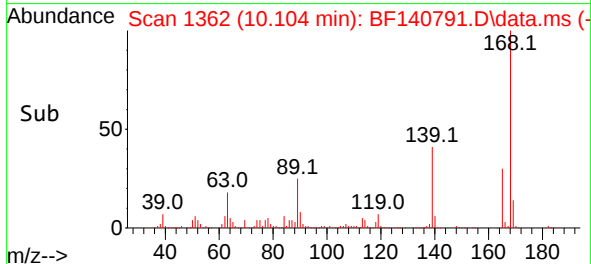
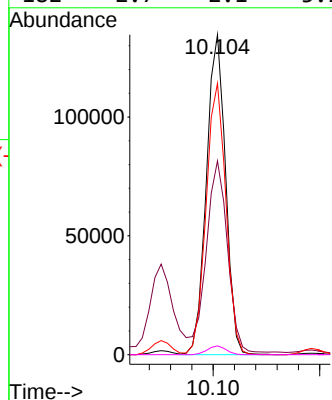
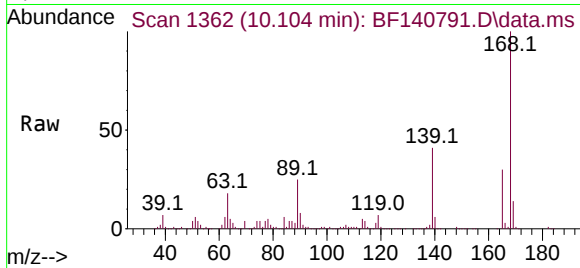
MH-764MS

Tgt Ion:165 Resp: 168894
Ion Ratio Lower Upper
165 100
63 60.6 41.7 62.5
89 84.8 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations

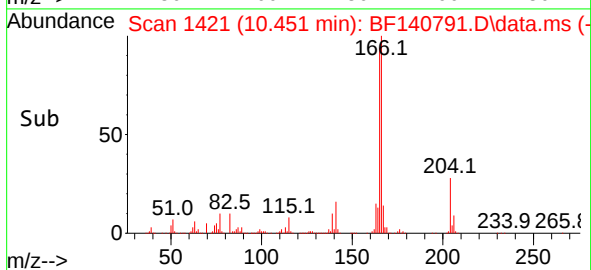
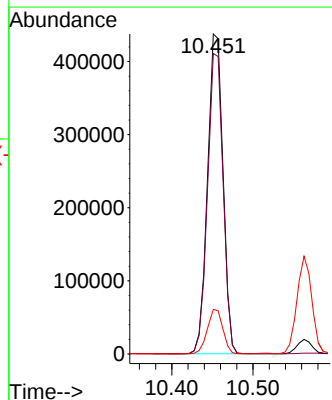
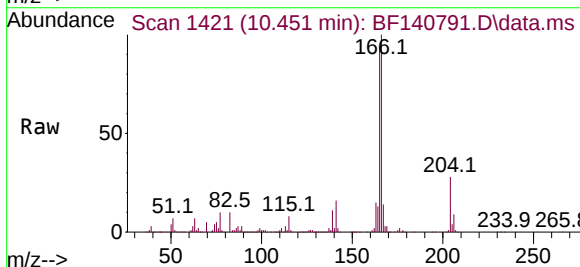
APPROVED

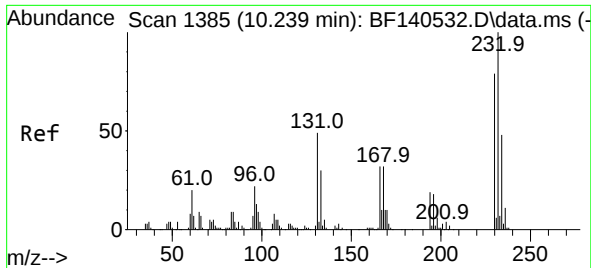
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#58
Fluorene
Concen: 46.684 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

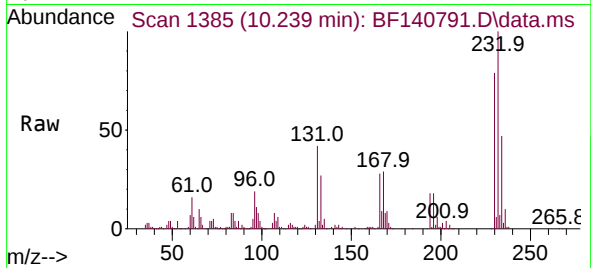
Tgt Ion:166 Resp: 577835
Ion Ratio Lower Upper
166 100
165 93.9 74.6 111.8
167 13.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.956 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

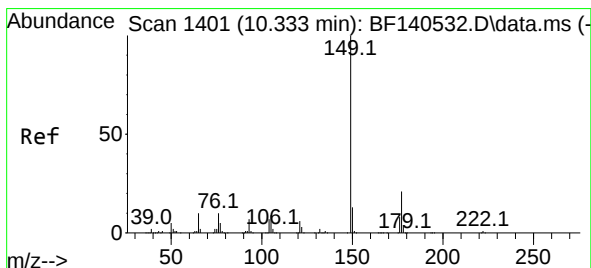
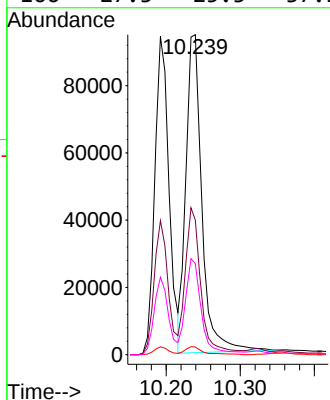
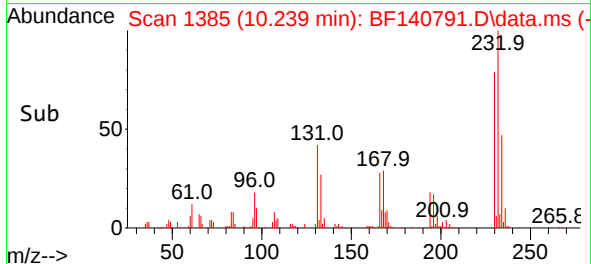
Instrument :
BNA_F
ClientSampleId :
MH-764MS



Tgt Ion:232 Resp: 142478
Ion Ratio Lower Upper
232 100
131 41.8 39.6 59.4
130 2.8 1.9 2.9
166 27.3 25.3 37.9

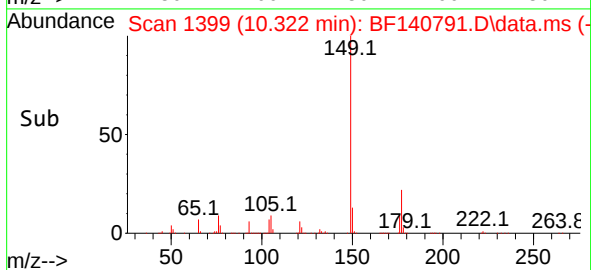
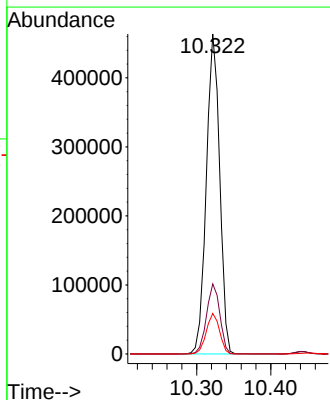
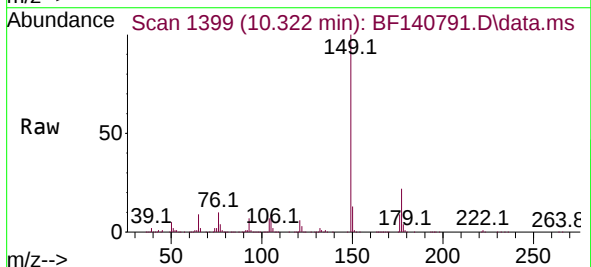
Manual Integrations
APPROVED

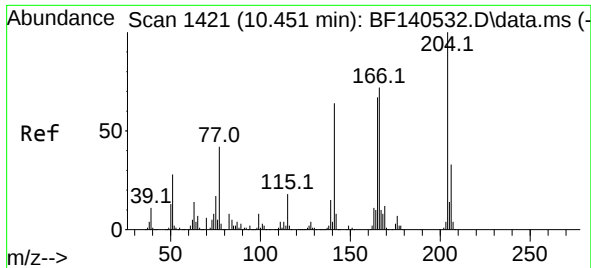
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 46.511 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:149 Resp: 579329
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.7 10.1 15.1





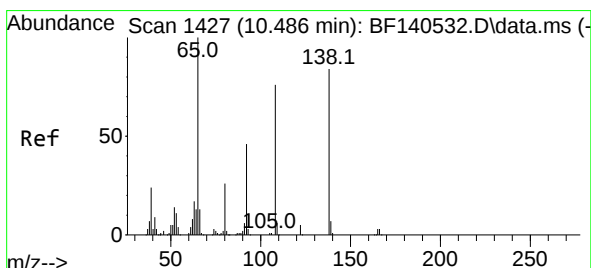
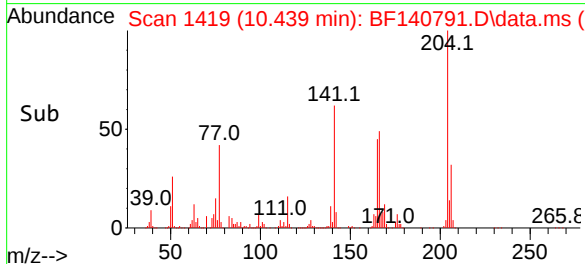
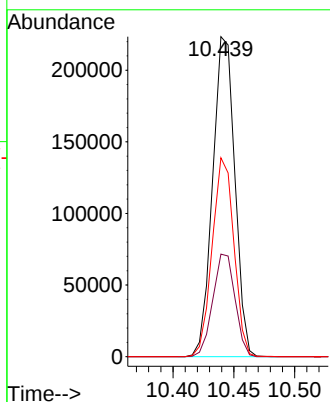
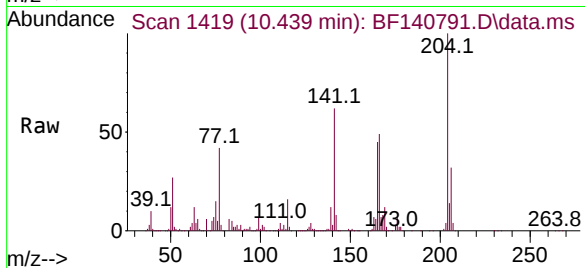
#61
4-Chlorophenyl-phenylether
Concen: 46.693 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:204 Resp: 283629
Ion Ratio Lower Upper
204 100
206 32.0 26.6 40.0
141 62.1 51.1 76.7

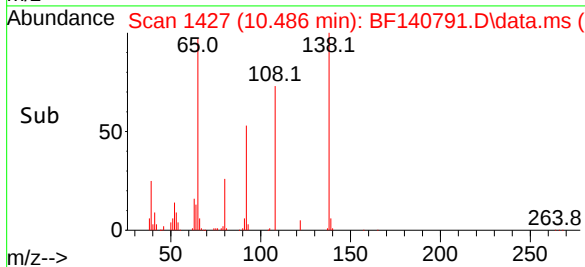
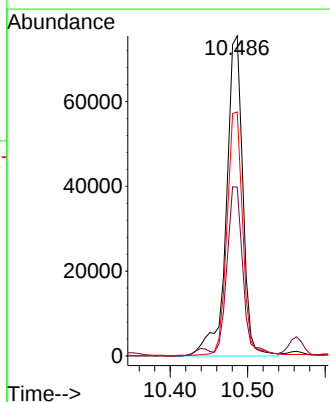
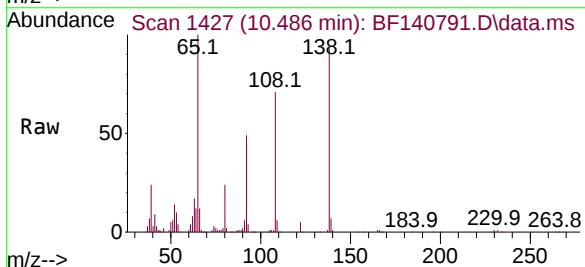
Manual Integrations
APPROVED

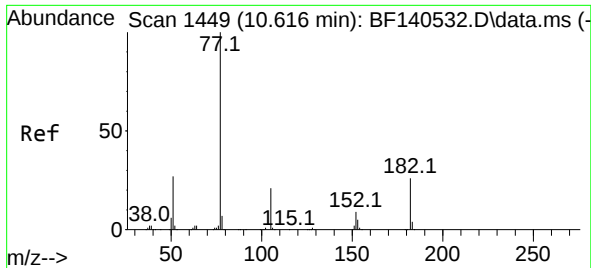
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 39.258 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

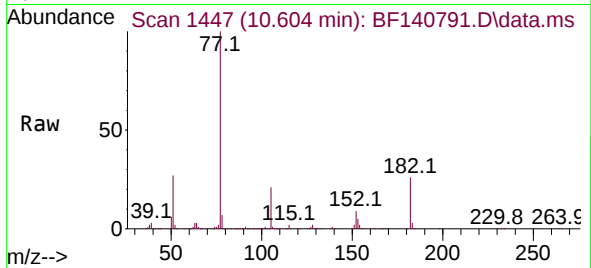
Tgt Ion:138 Resp: 111966
Ion Ratio Lower Upper
138 100
92 52.8 34.5 74.5
108 76.3 70.6 110.6





#63
Azobenzene
Concen: 45.787 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

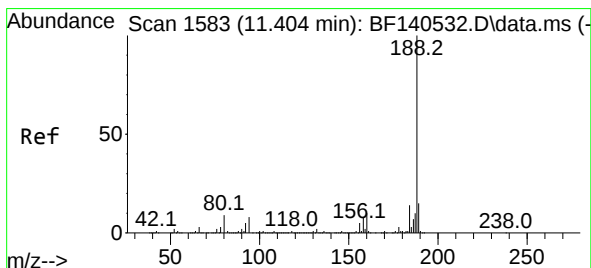
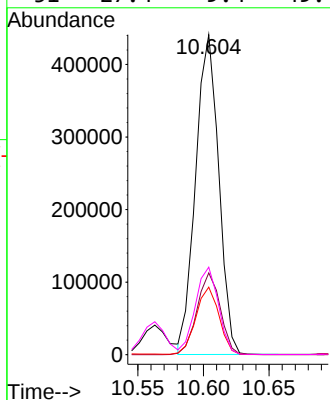
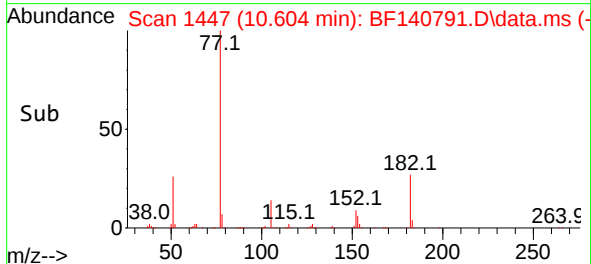
Instrument :
BNA_F
ClientSampleId :
MH-764MS



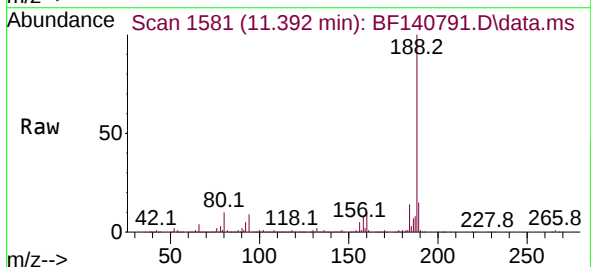
Tgt Ion: 77 Resp: 540070
Ion Ratio Lower Upper
77 100
182 25.6 5.3 45.3
105 21.1 0.3 40.3
51 27.4 9.4 49.4

Manual Integrations
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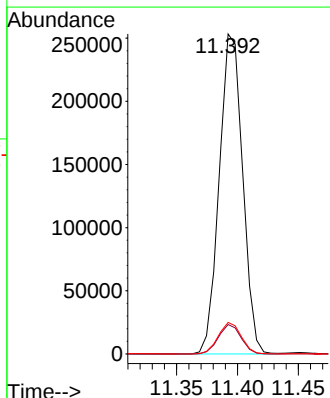
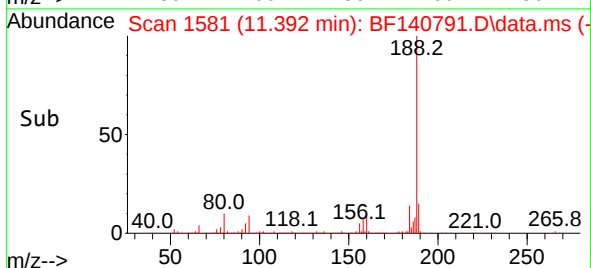
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:188 Resp: 339098
Ion Ratio Lower Upper
188 100
94 9.2 6.4 9.6
80 9.9 6.9 10.3





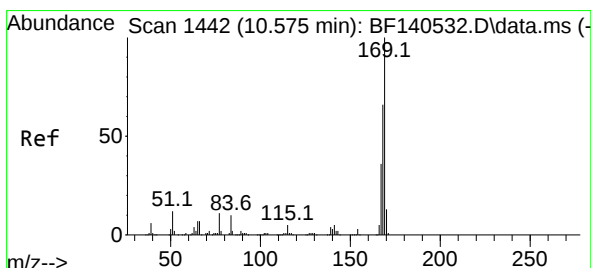
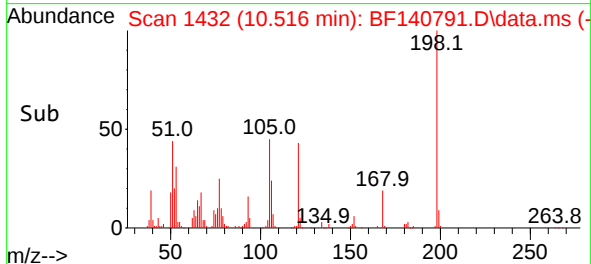
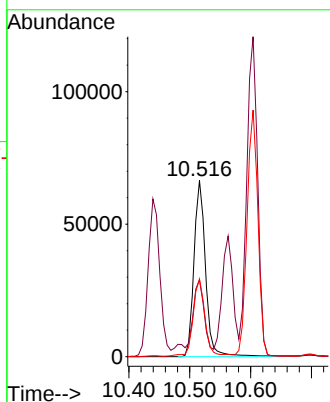
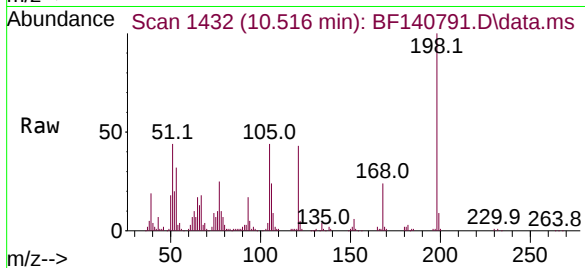
#65
4,6-Dinitro-2-methylphenol
Concen: 50.854 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:198 Resp: 8812
Ion Ratio Lower Upper
198 100
51 43.6 29.4 69.4
105 44.1 25.4 65.4

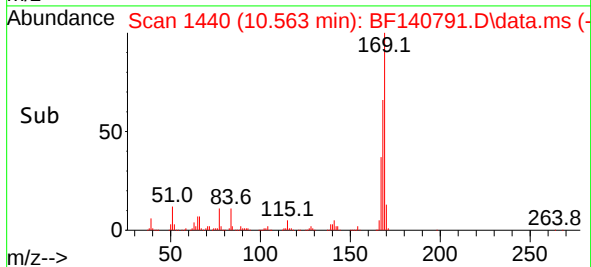
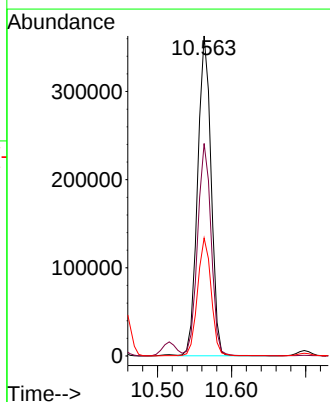
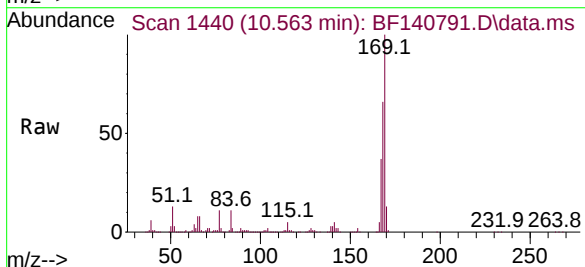
Manual Integrations
APPROVED

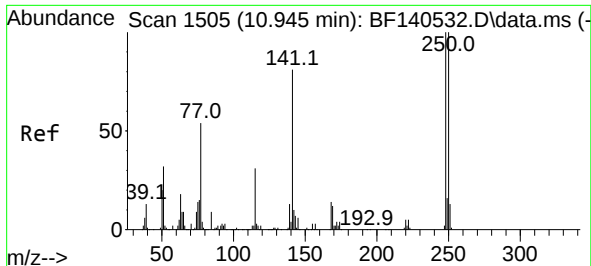
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 45.526 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

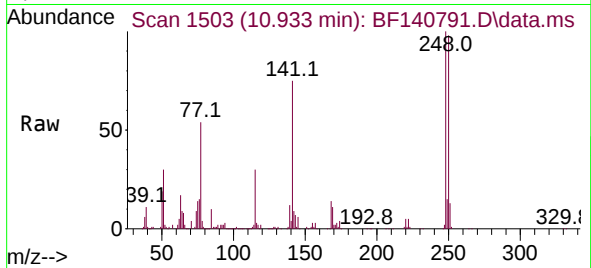
Tgt Ion:169 Resp: 456538
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 47.310 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

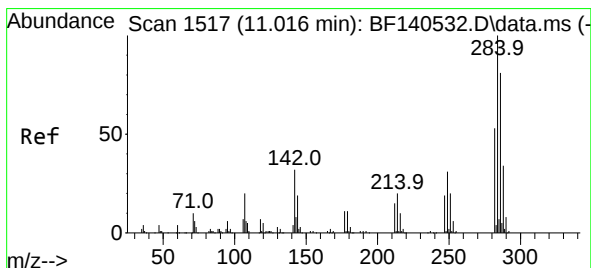
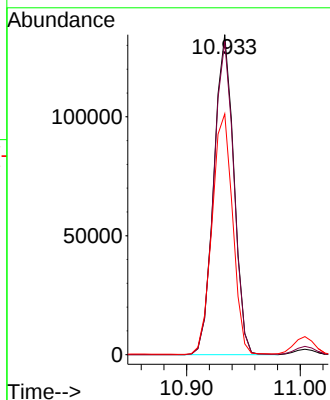
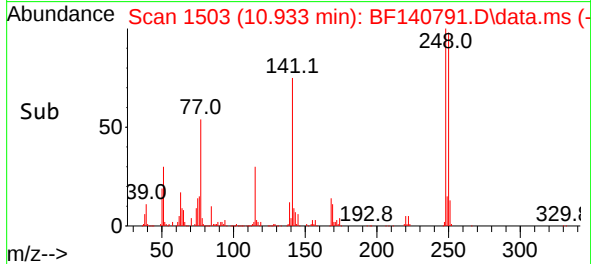
Instrument :
BNA_F
ClientSampleId :
MH-764MS



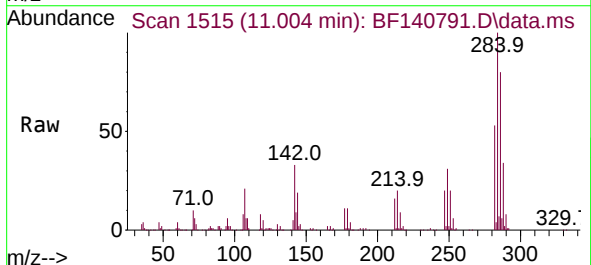
Tgt Ion:248 Resp: 165214
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 75.3 64.7 97.1

Manual Integrations
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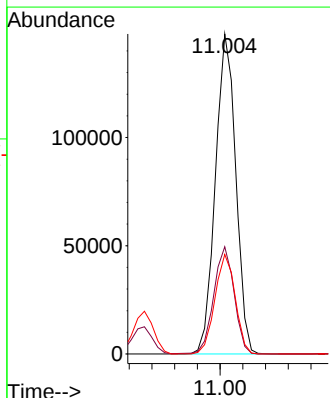
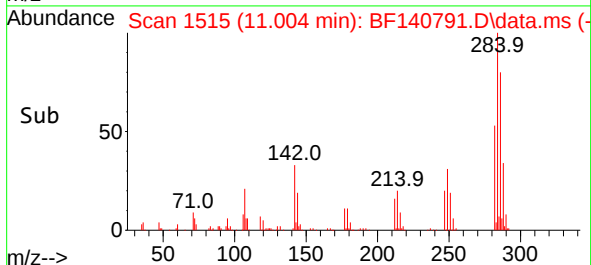
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 45.568 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:284 Resp: 184261
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 35.506 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:200 Resp: 10016

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

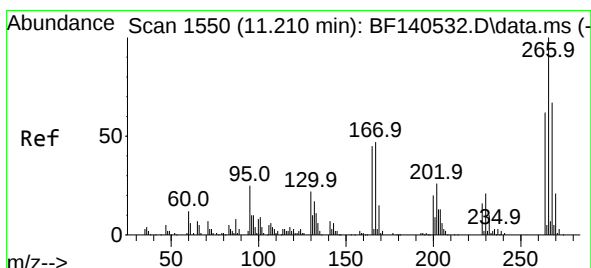
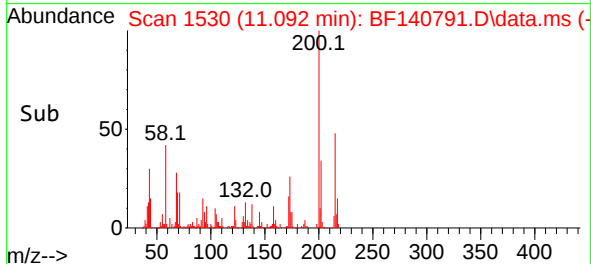
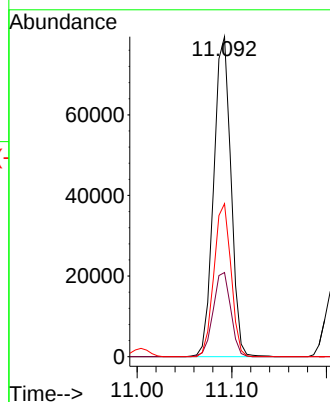
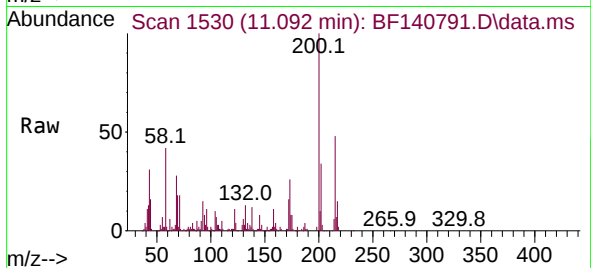
215 47.8 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 87.924 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

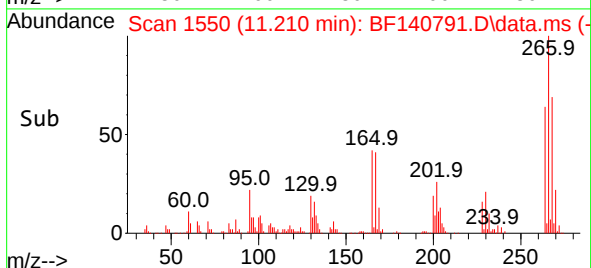
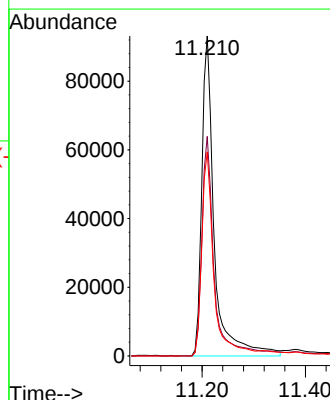
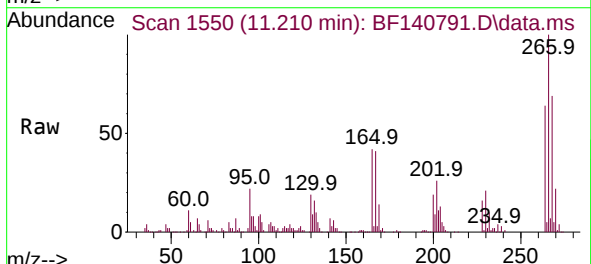
Tgt Ion:266 Resp: 156477

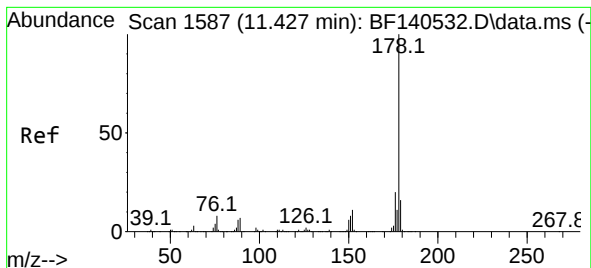
Ion Ratio Lower Upper

266 100

268 68.6 53.7 80.5

264 63.8 49.8 74.8





#71

Phenanthrene

Concen: 49.603 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:178 Resp: 80853

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

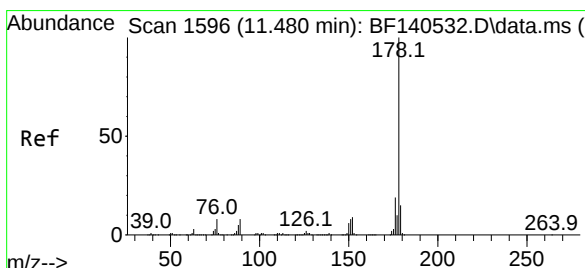
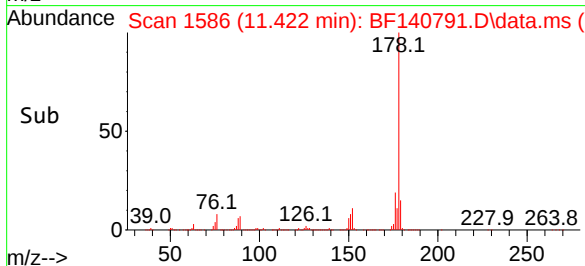
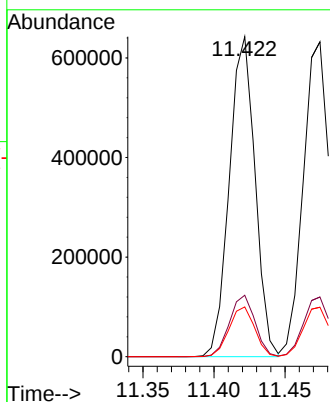
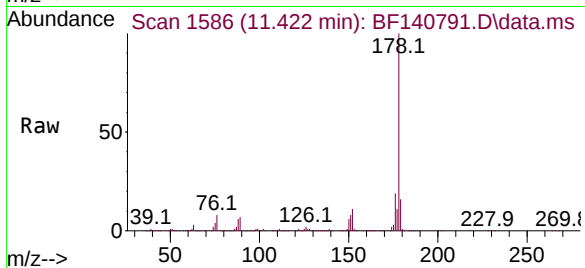
179 15.5 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#72

Anthracene

Concen: 51.364 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

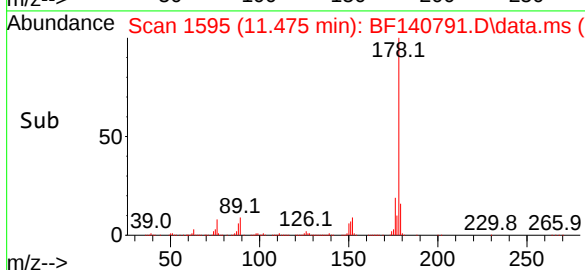
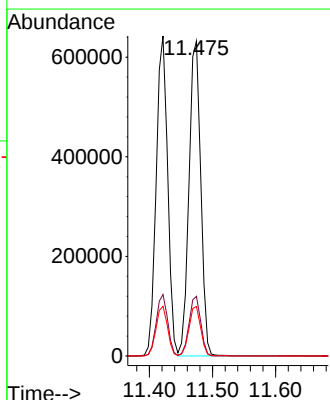
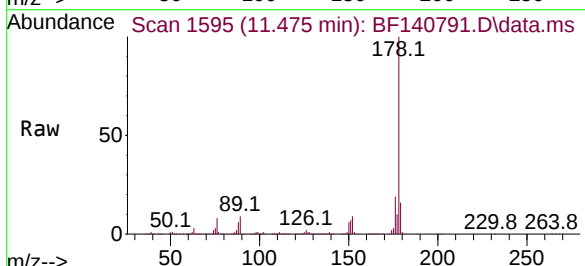
Tgt Ion:178 Resp: 818981

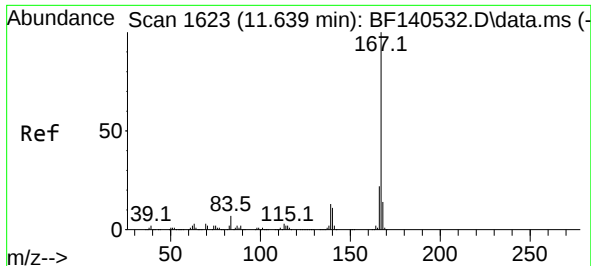
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.7 12.2 18.4





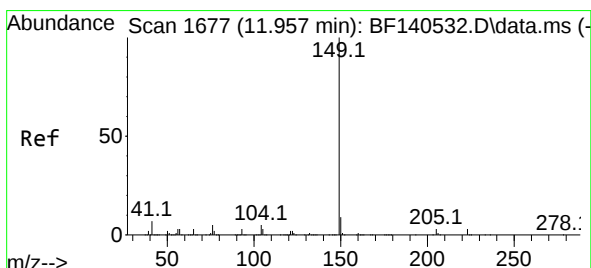
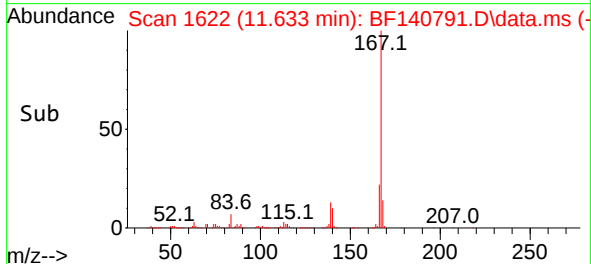
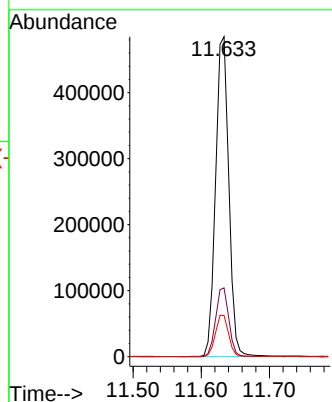
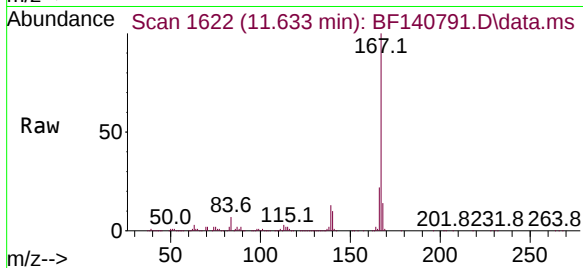
#73
Carbazole
Concen: 42.559 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:167 Resp: 65281
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.9 10.6 15.8

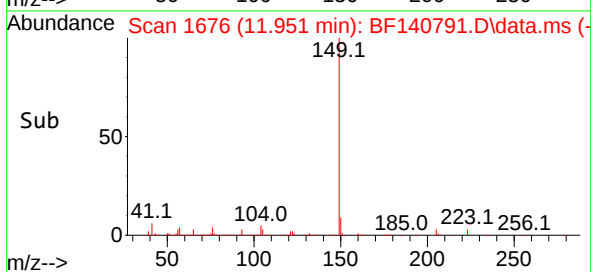
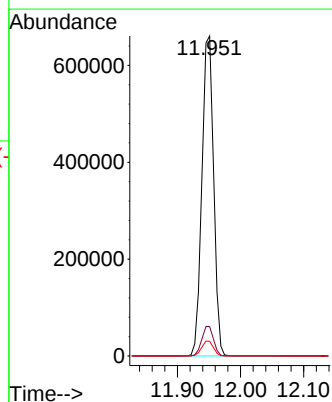
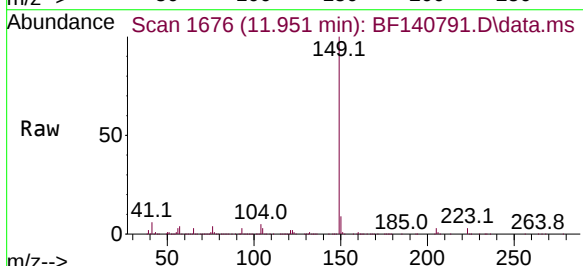
Manual Integrations
APPROVED

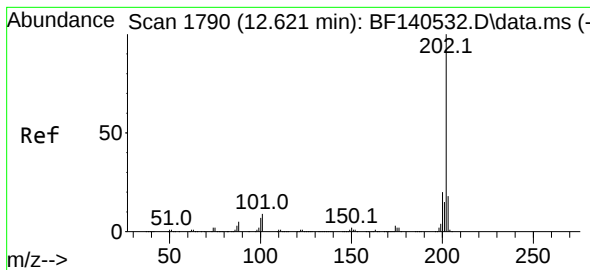
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#74
Di-n-butylphthalate
Concen: 48.031 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

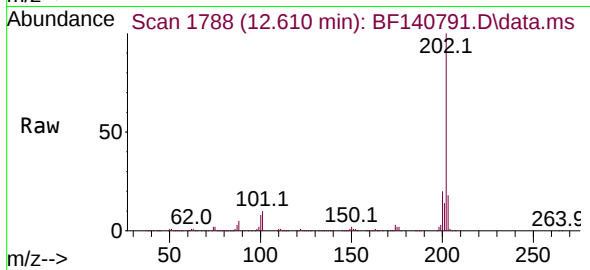
Tgt Ion:149 Resp: 850560
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.6 4.1 6.1





#75
Fluoranthene
Concen: 44.229 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

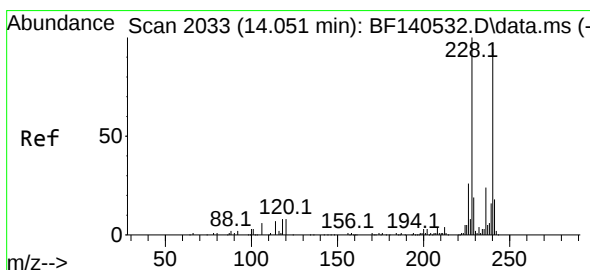
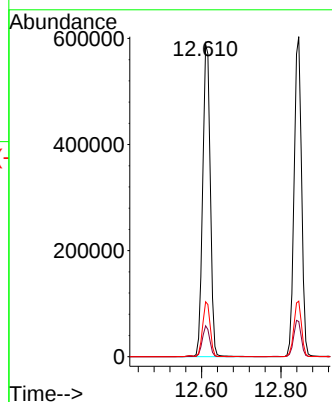
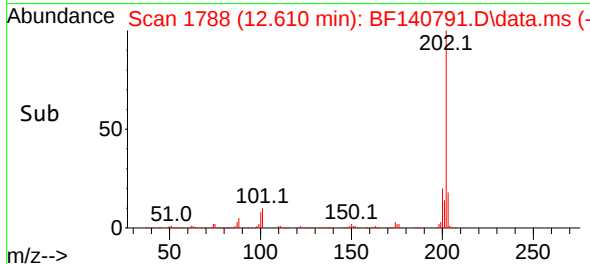
Instrument :
BNA_F
ClientSampleId :
MH-764MS



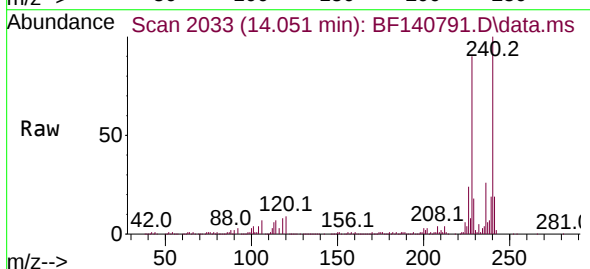
Tgt Ion:202 Resp: 782758
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.9
203 17.6 0.0 37.6

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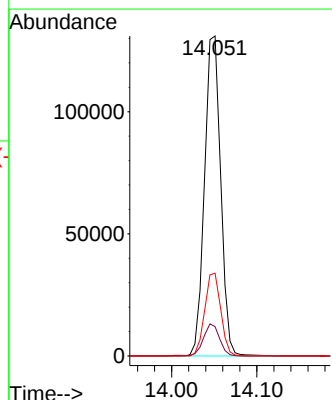
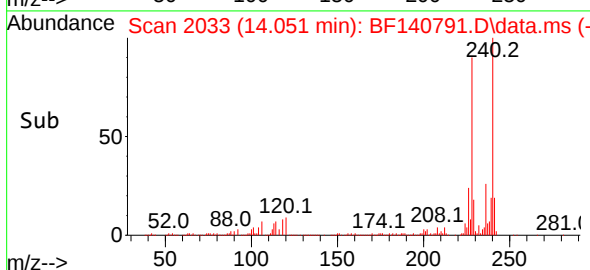
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

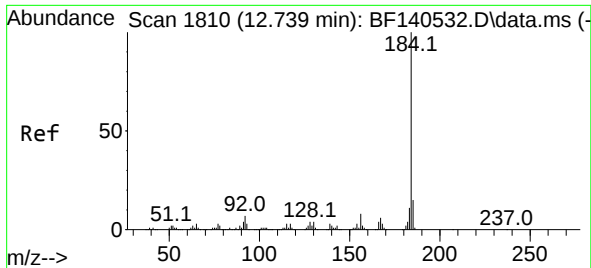


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:240 Resp: 172761
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.9 20.6 31.0





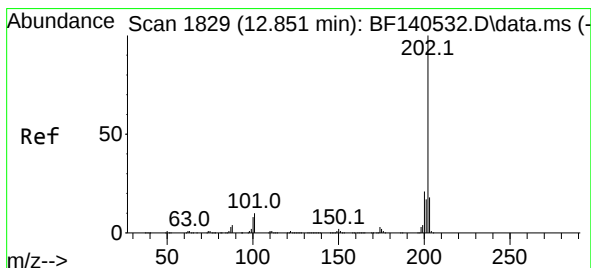
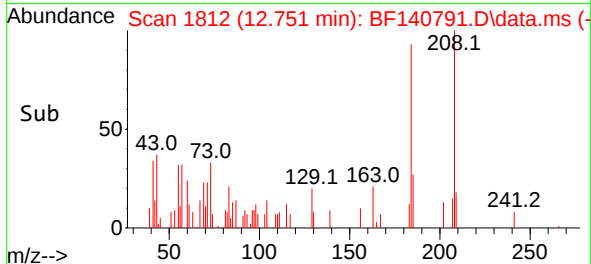
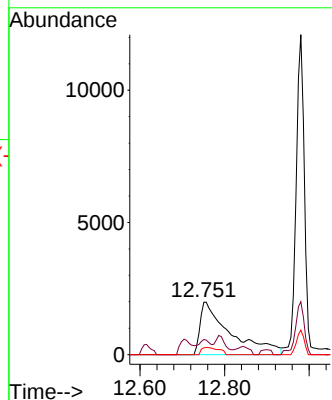
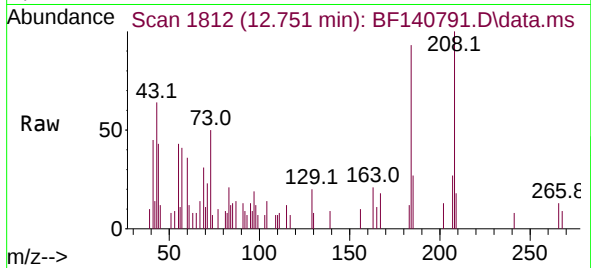
#77
Benzidine
Concen: 1.953 ng m
RT: 12.751 min Scan# 1810
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:184 Resp: 9808
Ion Ratio Lower Upper
184 100
185 29.0 11.7 17.5
183 13.2 8.8 13.2

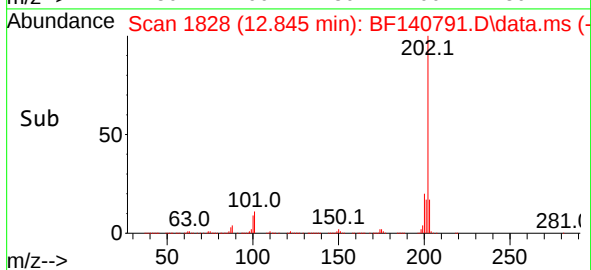
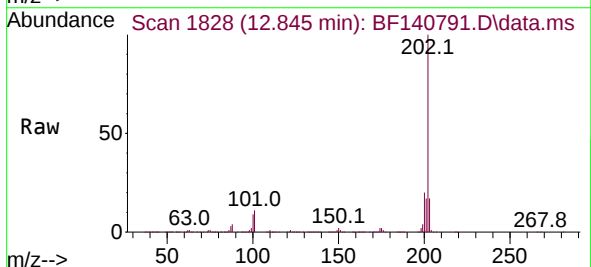
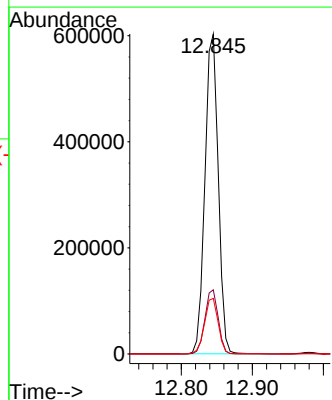
Manual Integrations
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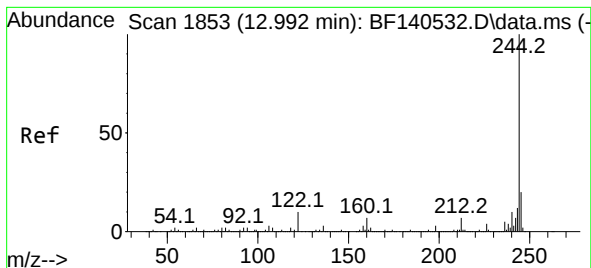
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#78
Pyrene
Concen: 49.299 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:202 Resp: 787494
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 100.201 ng

RT: 12.980 min Scan# 111171

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:244 Resp: 111171

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

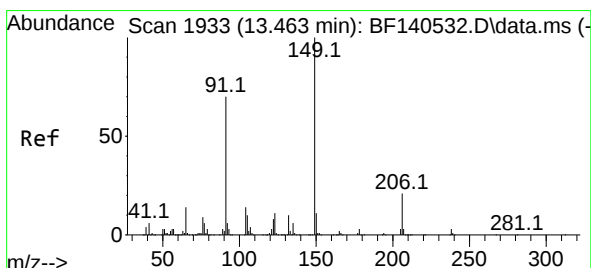
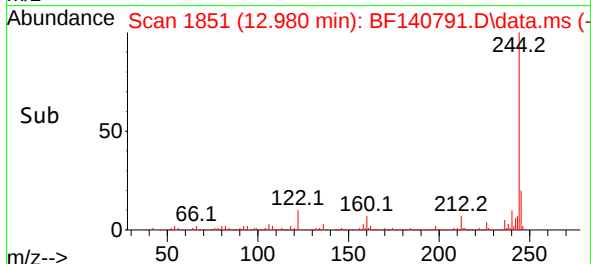
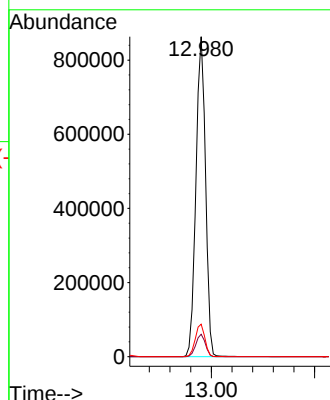
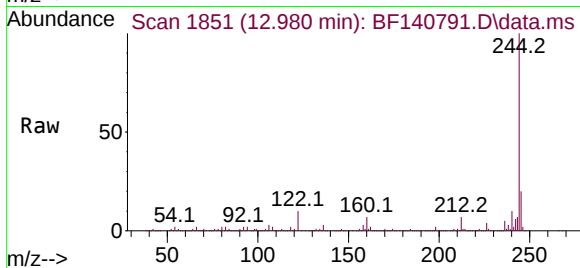
122 10.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 52.302 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

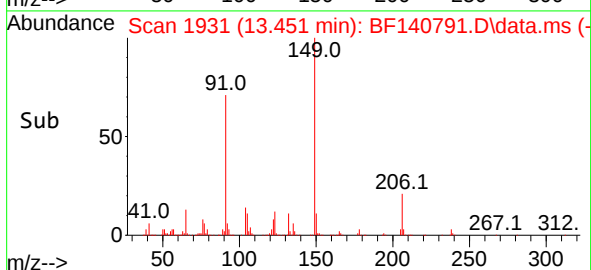
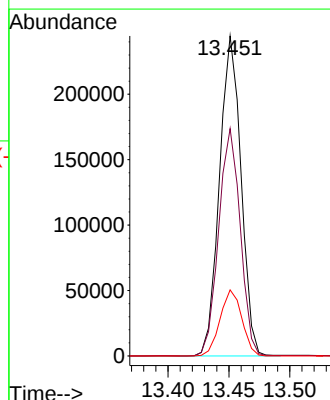
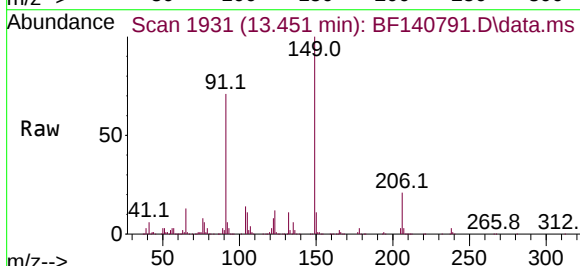
Tgt Ion:149 Resp: 300969

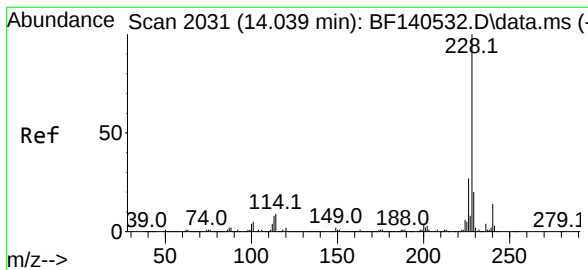
Ion Ratio Lower Upper

149 100

91 71.0 56.2 84.2

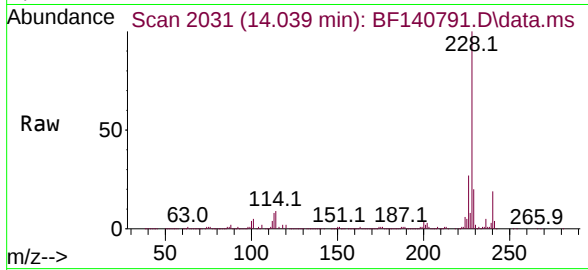
206 20.6 16.4 24.6





#81
Benzo(a)anthracene
Concen: 48.569 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

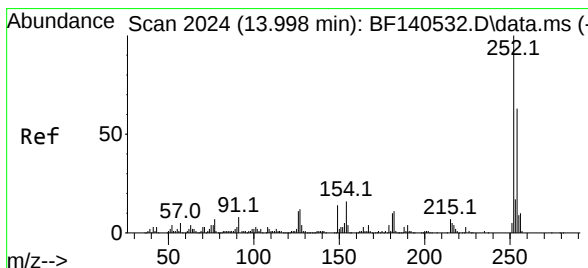
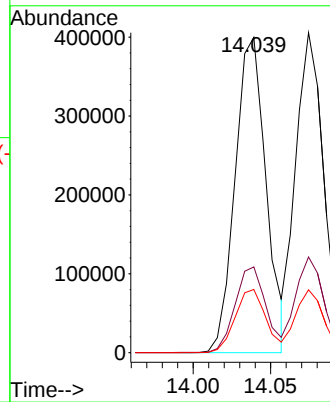
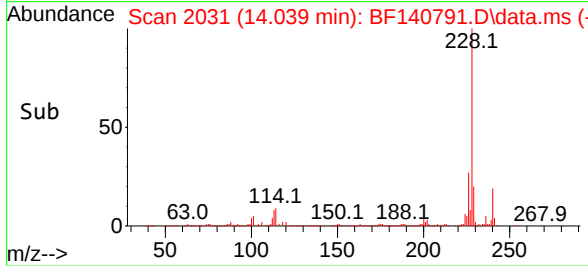
Instrument :
BNA_F
ClientSampleId :
MH-764MS



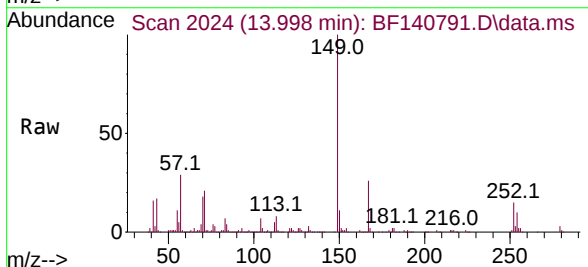
Tgt Ion:228 Resp: 555449
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 20.1 15.8 23.6

Manual Integrations
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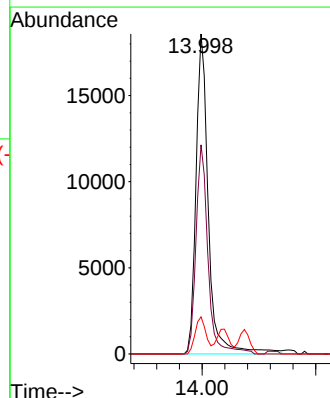
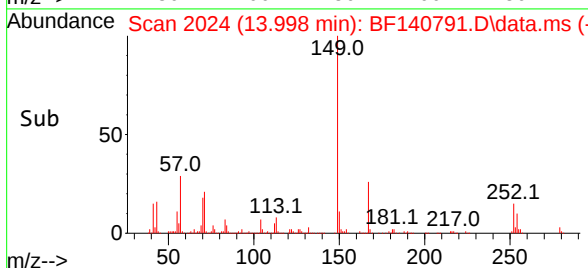
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 8.234 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55



Tgt Ion:252 Resp: 28273
Ion Ratio Lower Upper
252 100
254 65.3 50.8 76.2
126 11.6 8.6 13.0





#83

Chrysene

Concen: 48.922 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

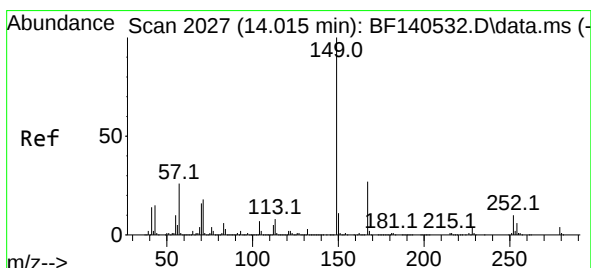
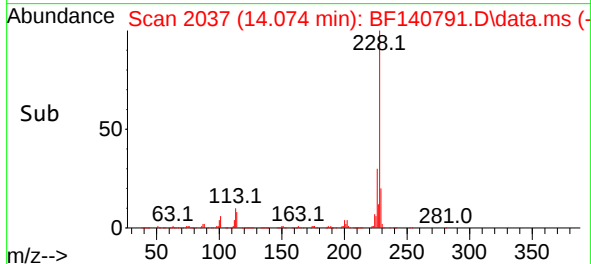
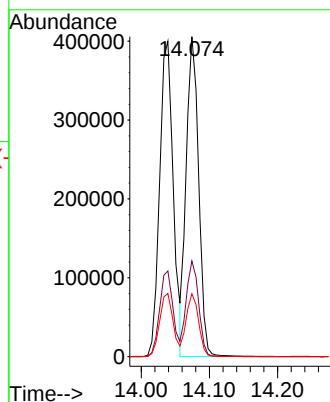
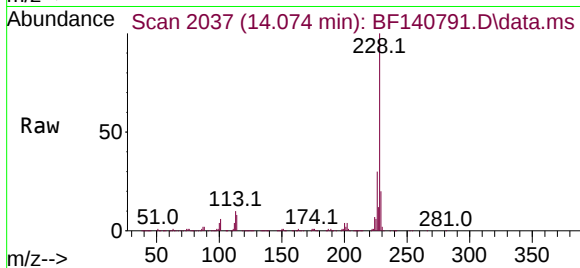
Tgt Ion:	228	Resp:	51158
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.4	36.6
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.084 ng

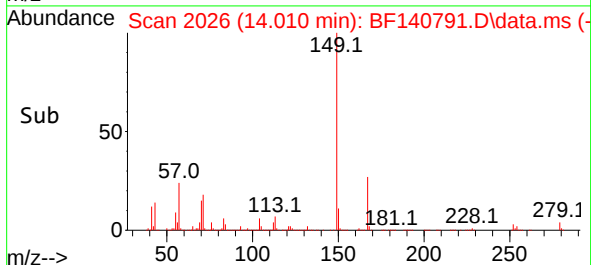
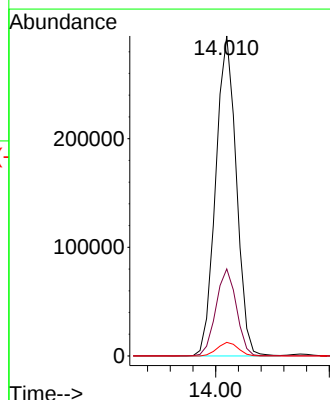
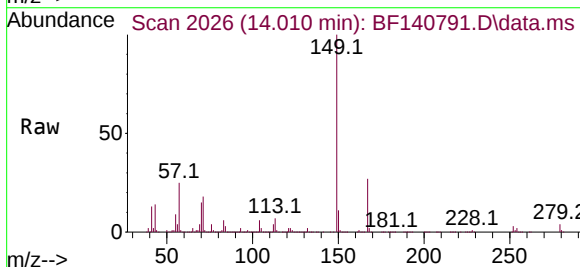
RT: 14.010 min Scan# 2026

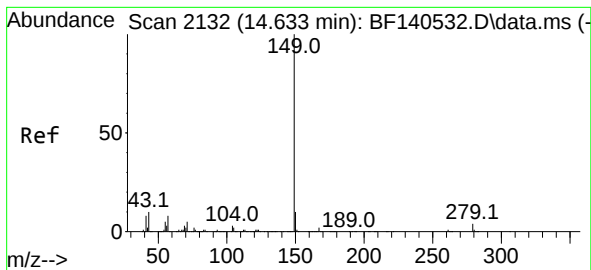
Delta R.T. -0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Tgt Ion:	149	Resp:	371182
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.2	31.8
279	4.3	3.2	4.8





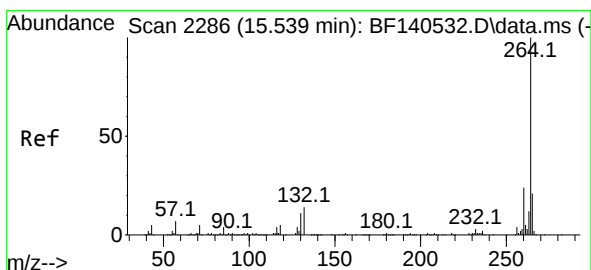
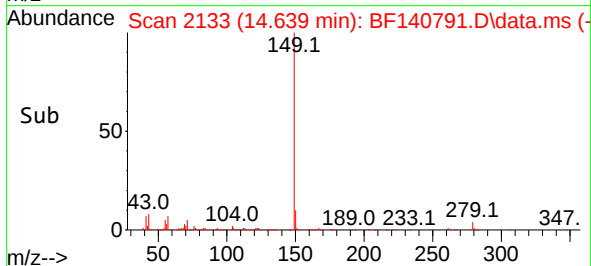
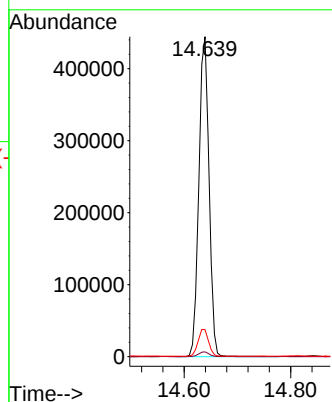
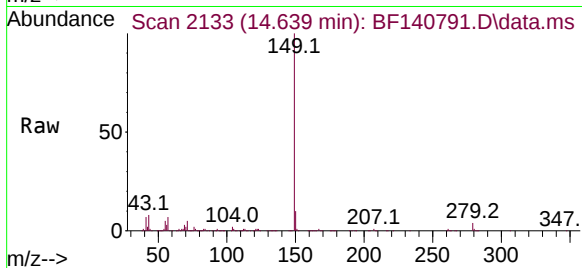
#85
Di-n-octyl phthalate
Concen: 59.490 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:149 Resp: 590749
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 7.7 11.5

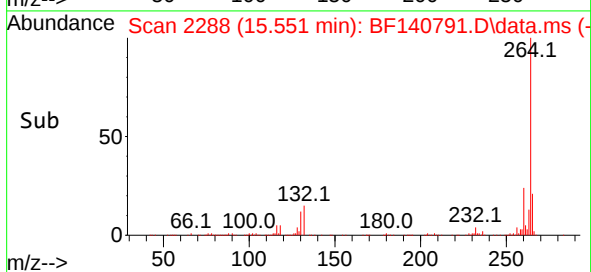
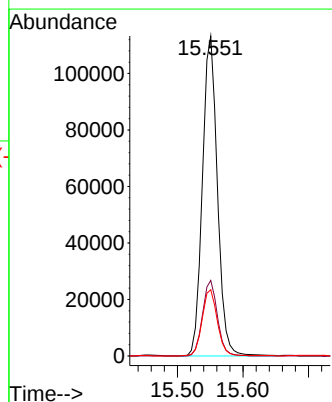
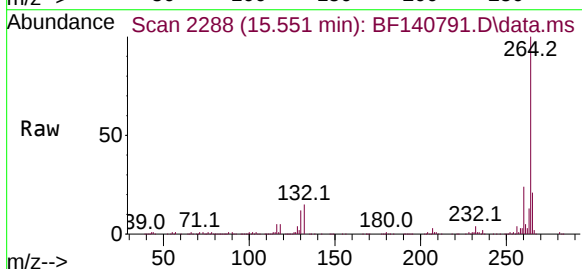
Manual Integrations
APPROVED

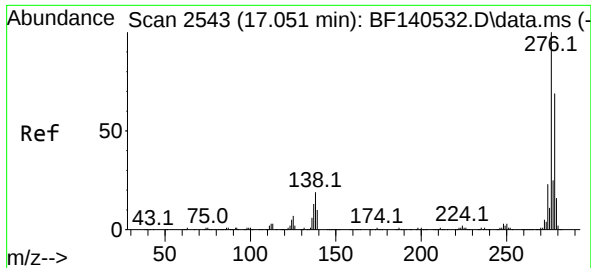
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:264 Resp: 180382
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 20.7 16.6 25.0





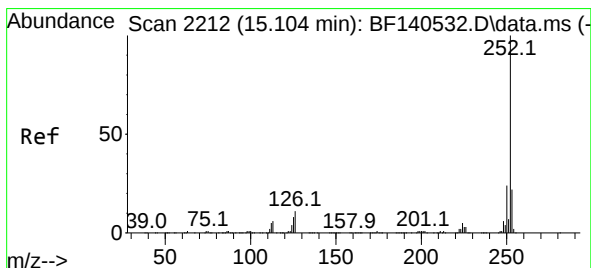
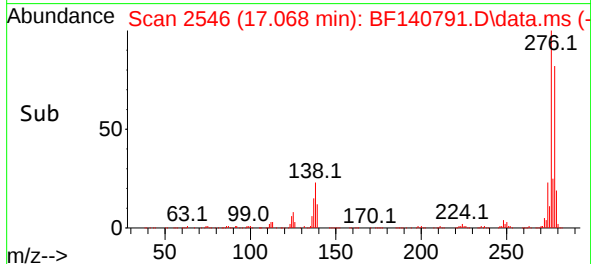
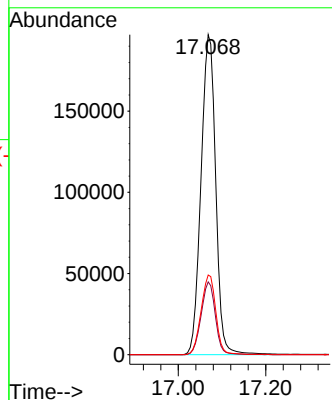
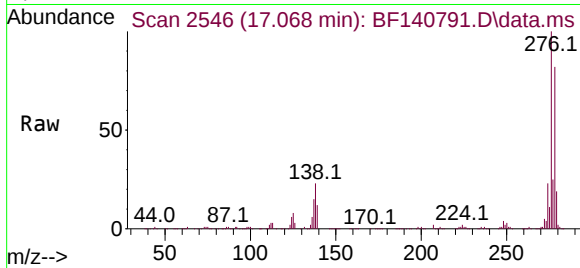
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.257 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Instrument :
BNA_F
ClientSampleId :
MH-764MS

Tgt Ion:276 Resp: 46147
Ion Ratio Lower Upper
276 100
138 22.0 15.5 23.3
277 24.9 20.1 30.1

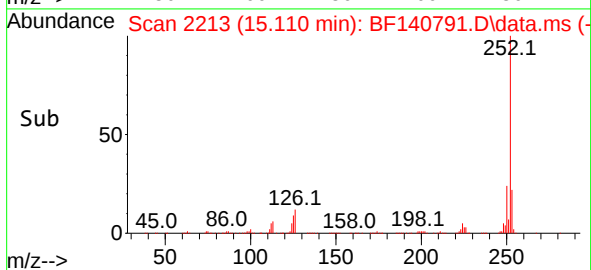
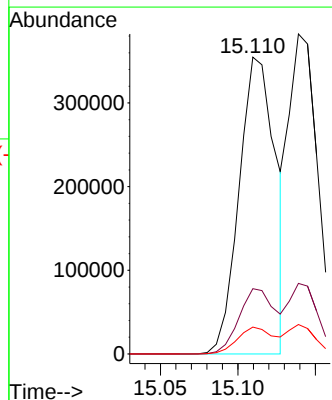
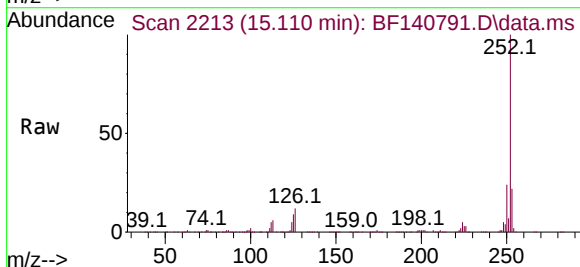
Manual Integrations
APPROVED

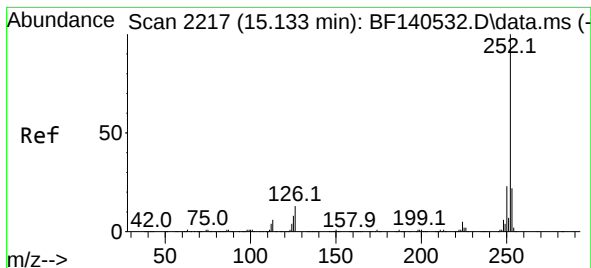
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024



#88
Benzo(b)fluoranthene
Concen: 51.076 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF140791.D
Acq: 09 Dec 2024 15:55

Tgt Ion:252 Resp: 578695
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.1 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 50.604 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:252 Resp: 501730

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

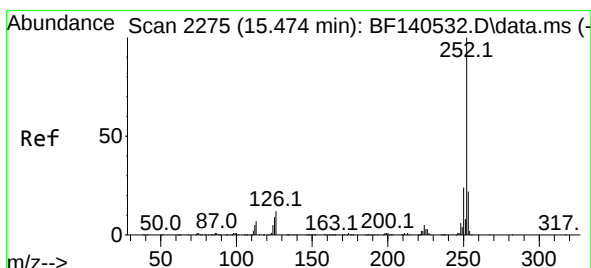
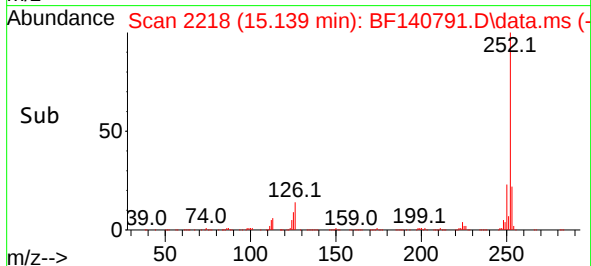
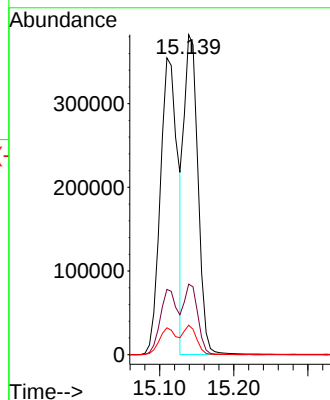
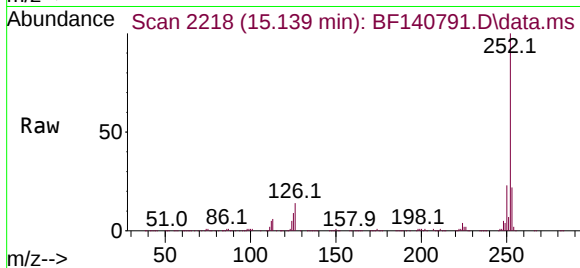
125 9.2 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 54.519 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

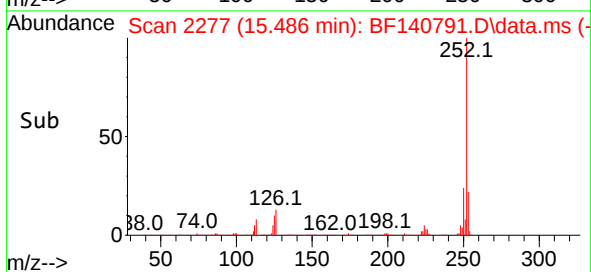
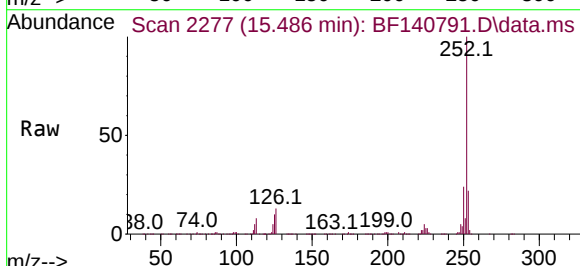
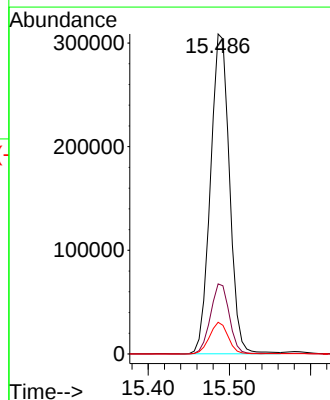
Tgt Ion:252 Resp: 502239

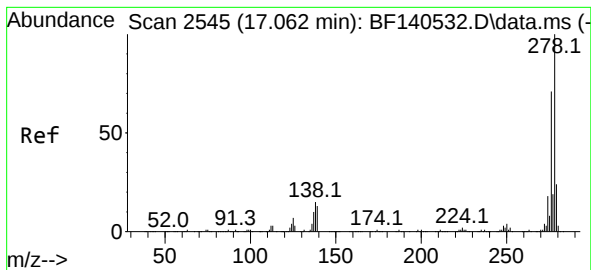
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.9 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 40.514 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Instrument :

BNA_F

ClientSampleId :

MH-764MS

Tgt Ion:278 Resp: 390030

Ion Ratio Lower Upper

278 100

139 13.7 10.2 15.4

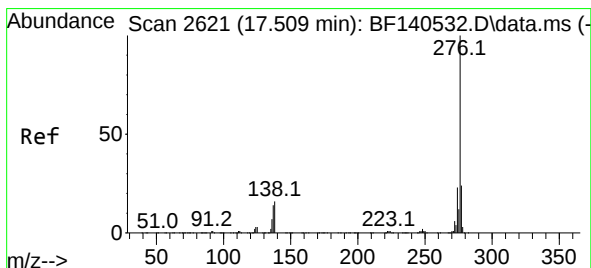
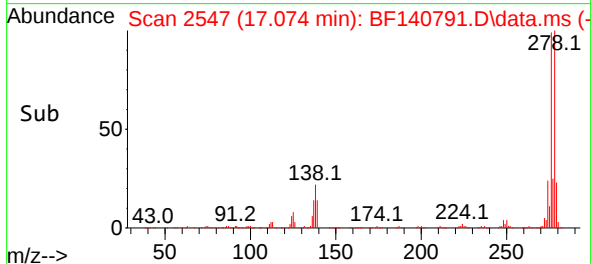
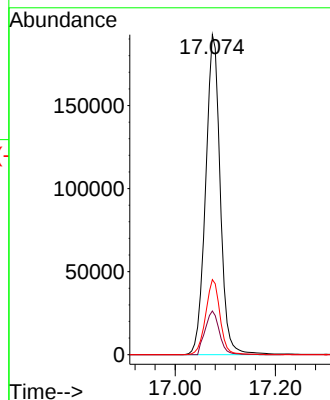
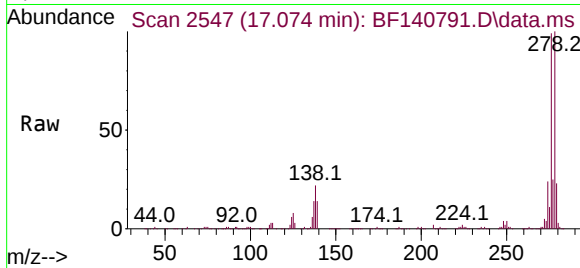
279 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :mohammad ahmed 12/12/2024



#92

Benzo(g,h,i)perylene

Concen: 30.656 ng

RT: 17.527 min Scan# 2624

Delta R.T. 0.018 min

Lab File: BF140791.D

Acq: 09 Dec 2024 15:55

Tgt Ion:276 Resp: 301164

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 18.3 13.2 19.8

