

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140665.D
 Acq On : 27 Nov 2024 13:11
 Operator : RC/JU
 Sample : P4938-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 13:40:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67506	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	257356	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	150981	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	289856	20.000	ng	0.00
76) Chrysene-d12	14.045	240	174005	20.000	ng	0.00
86) Perylene-d12	15.533	264	127572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	583008	147.355	ng	0.02
7) Phenol-d6	6.516	99	750305	143.446	ng	0.00
23) Nitrobenzene-d5	7.434	82	511223	101.607	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	265684	164.535	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1016572	100.320	ng	0.00
79) Terphenyl-d14	12.986	244	1126417	100.800	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	70873	42.605	ng	# 83
3) Pyridine	3.557	79	103595	28.304	ng	98
4) n-Nitrosodimethylamine	3.475	42	101851	47.347	ng	95
6) Aniline	6.539	93	48094	13.063	ng	# 2
8) 2-Chlorophenol	6.663	128	219816	51.641	ng	95
9) Benzaldehyde	6.428	77	19035	6.874	ng	98
10) Phenol	6.528	94	261968	49.042	ng	88
11) bis(2-Chloroethyl)ether	6.604	93	203243	49.721	ng	99
12) 1,3-Dichlorobenzene	6.810	146	200431	41.906	ng	99
13) 1,4-Dichlorobenzene	6.886	146	203820	42.087	ng	98
14) 1,2-Dichlorobenzene	7.039	146	198046	43.642	ng	100
15) Benzyl Alcohol	7.016	79	173973	44.850	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	237478	49.177	ng	83
17) 2-Methylphenol	7.134	107	177720	52.158	ng	97
18) Hexachloroethane	7.381	117	74916	41.419	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	161724	52.317	ng	98
20) 3+4-Methylphenols	7.286	107	237422	54.211	ng	91
22) Acetophenone	7.281	105	308447	49.161	ng	97
24) Nitrobenzene	7.457	77	240796	46.306	ng	97
25) Isophorone	7.692	82	436622	52.029	ng	99
26) 2-Nitrophenol	7.769	139	118547	51.443	ng	98
27) 2,4-Dimethylphenol	7.810	122	183172m	66.434	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	254267	49.735	ng	100
29) 2,4-Dichlorophenol	8.016	162	198689	54.383	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	187628	44.979	ng	99
31) Naphthalene	8.175	128	639545	48.245	ng	99
32) Benzoic acid	7.945	122	133651	54.548	ng	95
33) 4-Chloroaniline	8.251	127	33657	8.480	ng	97
34) Hexachlorobutadiene	8.286	225	123122	44.561	ng	100
35) Caprolactam	8.598	113	56687m	50.137	ng	
36) 4-Chloro-3-methylphenol	8.716	107	229769	56.170	ng	99
37) 2-Methylnaphthalene	8.863	142	440632	52.333	ng	100
38) 1-Methylnaphthalene	8.963	142	411551	49.867	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	215962	48.860	ng	99
41) Hexachlorocyclopentadiene	9.016	237	176756	168.986	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	150521	54.271	ng	98

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Manual Integrations
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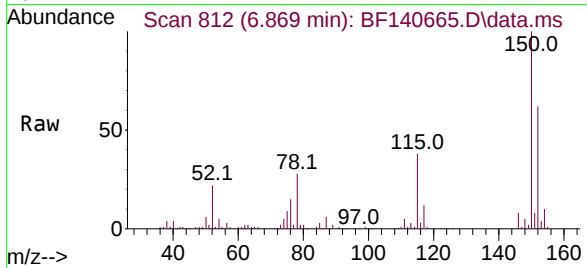
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	162302	53.920	ng	97
46) 1,1'-Biphenyl	9.328	154	571981	50.742	ng	100
47) 2-Chloronaphthalene	9.357	162	418566	49.005	ng	99
48) 2-Nitroaniline	9.457	65	139668	50.944	ng	96
49) Acenaphthylene	9.769	152	709484	54.976	ng	99
50) Dimethylphthalate	9.627	163	552625	55.576	ng	99
51) 2,6-Dinitrotoluene	9.698	165	116107	51.486	ng	95
52) Acenaphthene	9.945	154	435357	53.093	ng	100
53) 3-Nitroaniline	9.869	138	19381	8.787	ng	96
54) 2,4-Dinitrophenol	9.980	184	148581	122.598	ng	99
55) Dibenzofuran	10.116	168	668276	53.430	ng	99
56) 4-Nitrophenol	10.045	139	153740	102.205	ng	97
57) 2,4-Dinitrotoluene	10.104	165	163133	54.429	ng	98
58) Fluorene	10.463	166	536603	53.449	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	145806	63.029	ng	93
60) Diethylphthalate	10.327	149	559584	55.389	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	264310	53.646	ng	97
62) 4-Nitroaniline	10.480	138	64320	27.804	ng	99
63) Azobenzene	10.610	77	490553	51.274	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	93785	63.318	ng	98
66) n-Nitrosodiphenylamine	10.569	169	242250	28.261	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	158807	53.200	ng	99
68) Hexachlorobenzene	11.010	284	180322	52.170	ng	99
69) Atrazine	11.092	200	32005	13.272	ng	99
70) Pentachlorophenol	11.210	266	190108	124.968	ng	98
71) Phenanthrene	11.427	178	751847	53.961	ng	99
72) Anthracene	11.480	178	777728	57.063	ng	100
73) Carbazole	11.633	167	365897	27.907	ng	99
74) Di-n-butylphthalate	11.957	149	871058	57.545	ng	99
75) Fluoranthene	12.616	202	815541	53.910	ng	100
77) Benzidine	12.757	184	11146m	2.203	ng	
78) Pyrene	12.845	202	829683	51.569	ng	100
80) Butylbenzylphthalate	13.457	149	326928	56.407	ng	99
81) Benzo(a)anthracene	14.039	228	633126	54.966	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	2412	0.697	ng	# 96
83) Chrysene	14.074	228	572347	54.342	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	441902	60.382	ng	99
85) Di-n-octyl phthalate	14.633	149	638627	63.852	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	573933	69.034	ng	99
88) Benzo(b)fluoranthene	15.104	252	554460	69.195	ng	99
89) Benzo(k)fluoranthene	15.133	252	491655	70.116	ng	100
90) Benzo(a)pyrene	15.474	252	465058	71.381	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	485876	71.362	ng	100
92) Benzo(g,h,i)perylene	17.503	276	410767	59.122	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

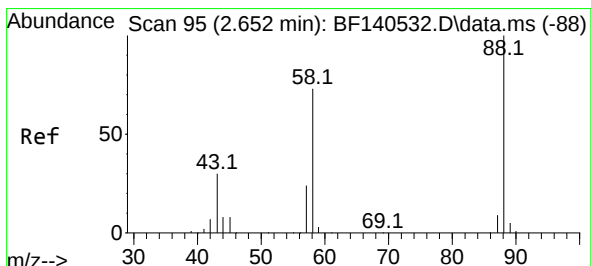
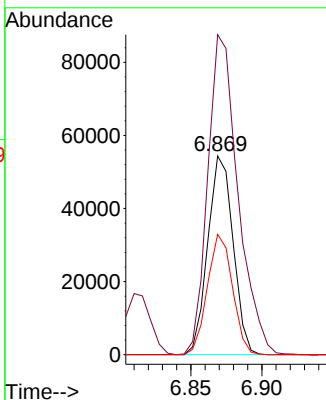
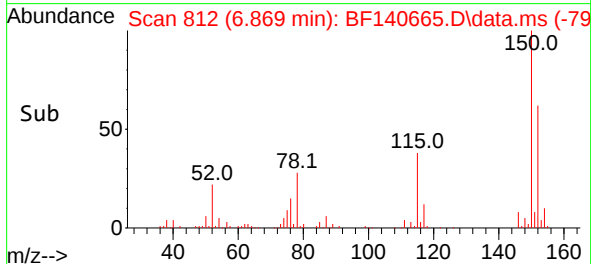
Instrument :
BNA_F
ClientSampleId :
MH-732MS



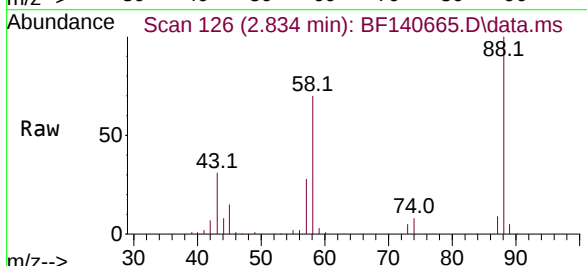
Tgt Ion:152 Resp: 67500
Ion Ratio Lower Upper
152 100
150 161.0 128.5 192.7
115 60.5 50.2 75.4

Manual Integrations
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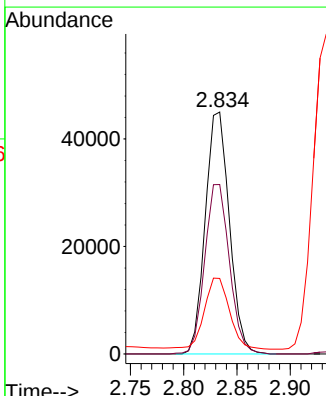
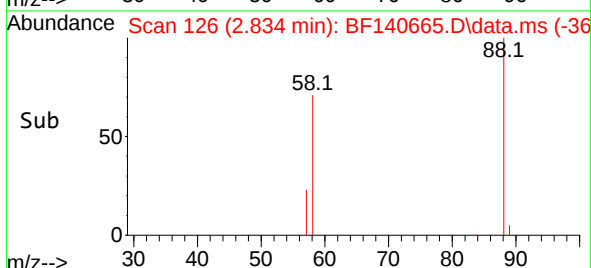
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

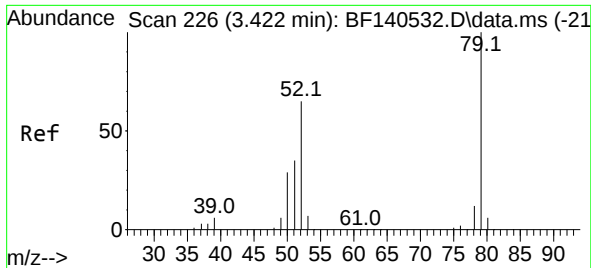


#2
1,4-Dioxane
Concen: 42.605 ng
RT: 2.834 min Scan# 126
Delta R.T. 0.182 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



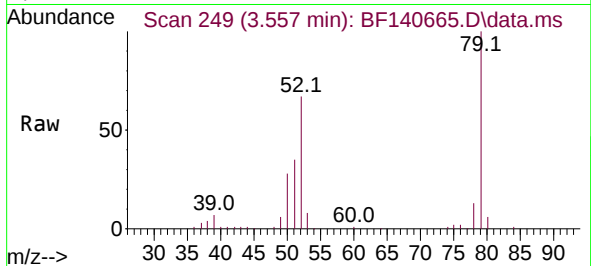
Tgt Ion: 88 Resp: 70873
Ion Ratio Lower Upper
88 100
58 71.8 57.4 86.2
43 0.0 24.3 36.5





#3
Pyridine
Concen: 28.304 ng
RT: 3.557 min Scan# 249
Delta R.T. 0.135 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

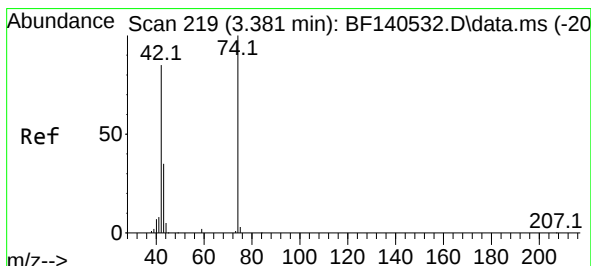
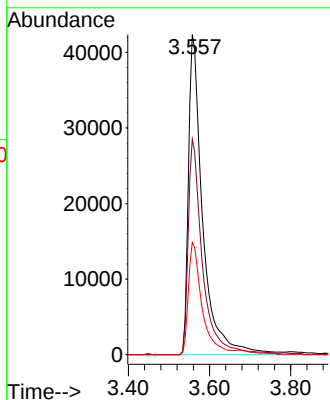
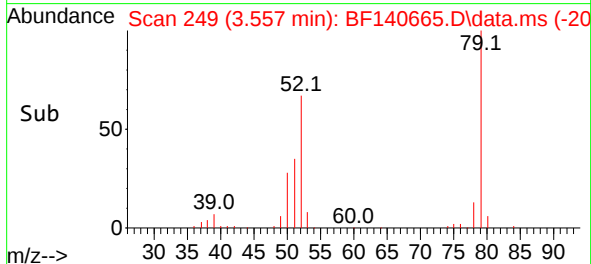
Instrument :
BNA_F
ClientSampleId :
MH-732MS



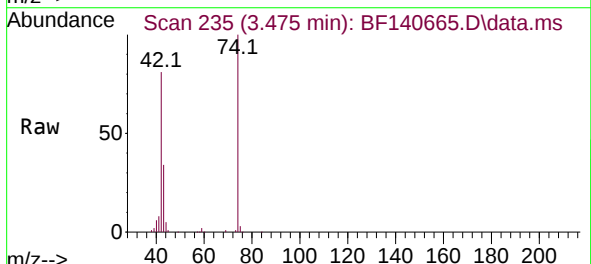
Tgt Ion: 79 Resp: 10359
Ion Ratio Lower Upper
79 100
52 67.4 52.1 78.1
51 35.1 27.8 41.8

Manual Integrations
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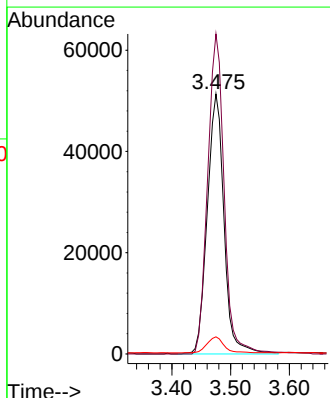
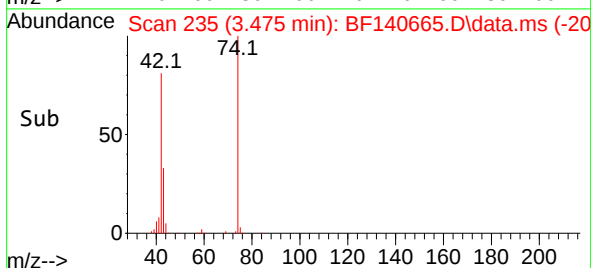
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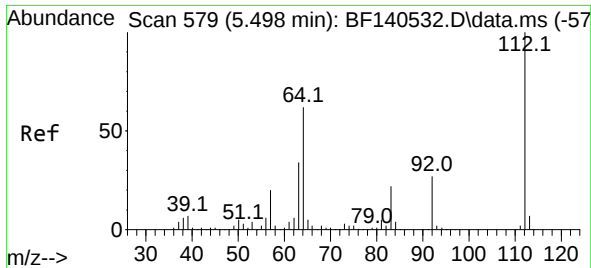


#4
n-Nitrosodimethylamine
Concen: 47.347 ng
RT: 3.475 min Scan# 235
Delta R.T. 0.094 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



Tgt Ion: 42 Resp: 101851
Ion Ratio Lower Upper
42 100
74 123.1 93.8 140.6
44 6.6 4.6 6.8





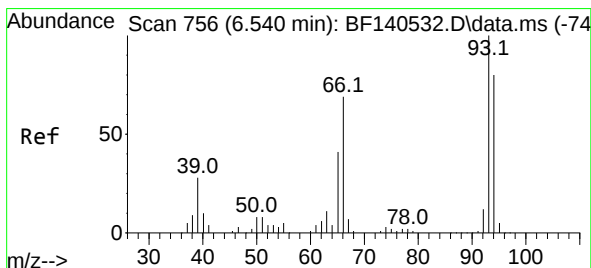
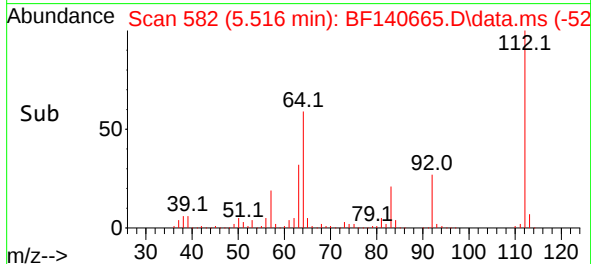
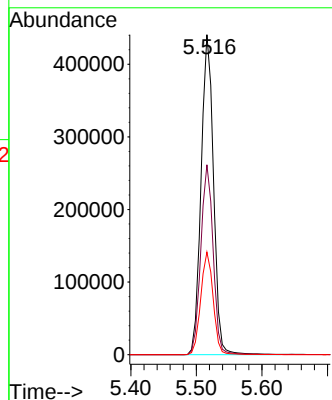
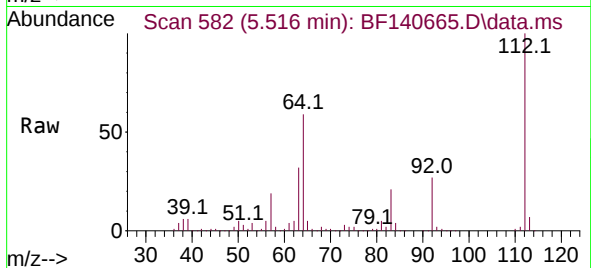
#5
2-Fluorophenol
Concen: 147.355 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:112 Resp: 583000
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 32.1 27.0 40.4

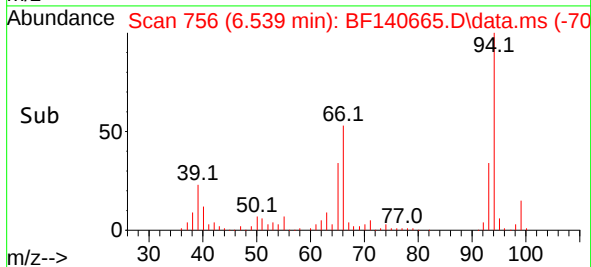
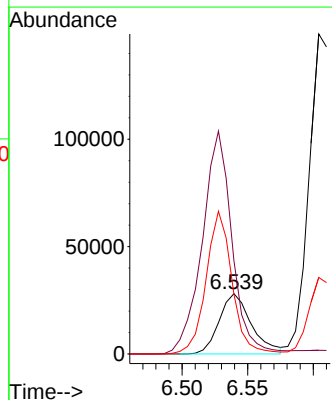
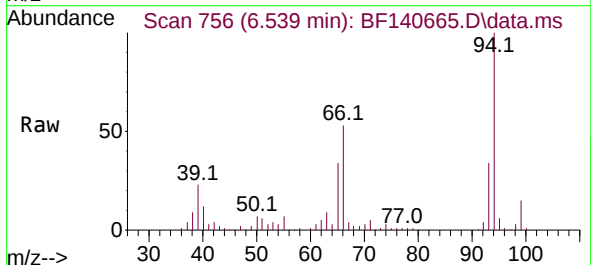
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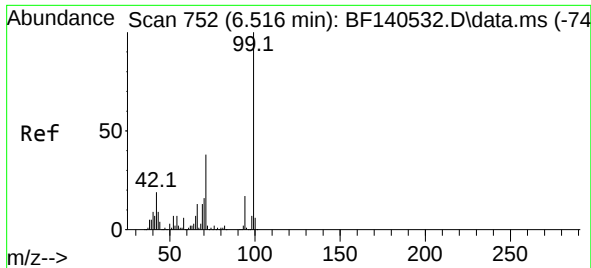
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#6
Aniline
Concen: 13.063 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

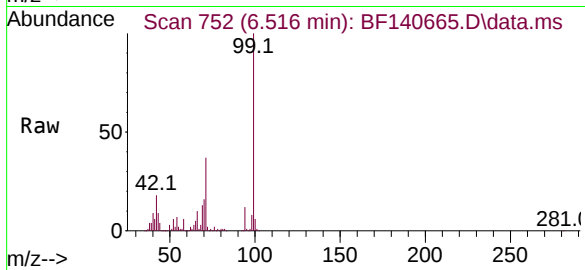
Tgt Ion: 93 Resp: 48094
Ion Ratio Lower Upper
93 100
66 154.1 56.5 84.7#
65 98.9 32.9 49.3#





#7
Phenol-d6
Concen: 143.446 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

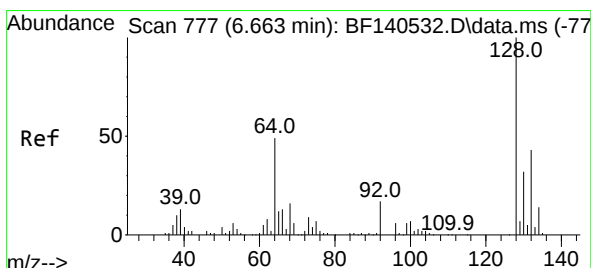
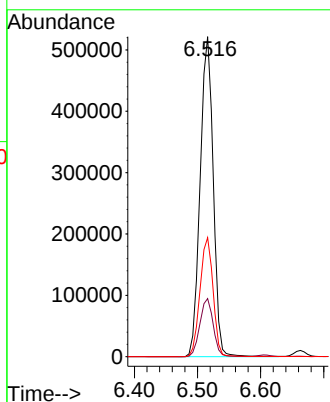
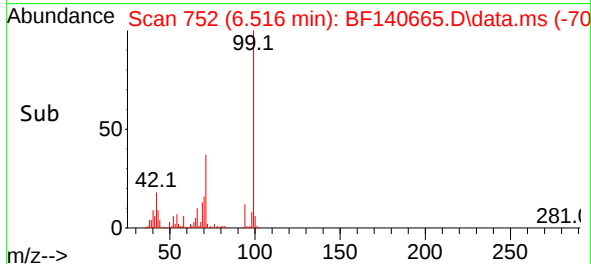
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 750305
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.2 30.6 46.0

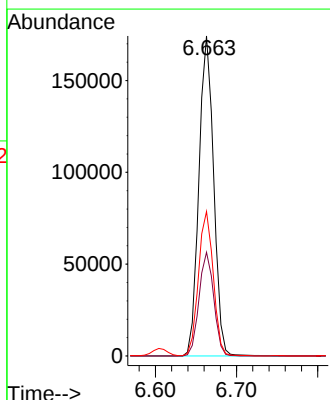
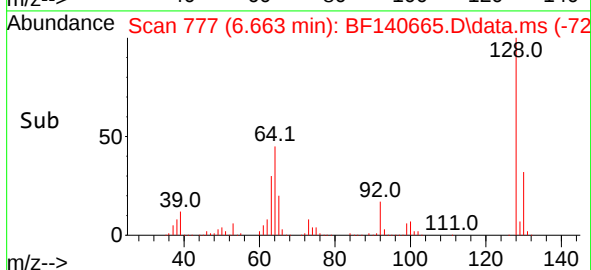
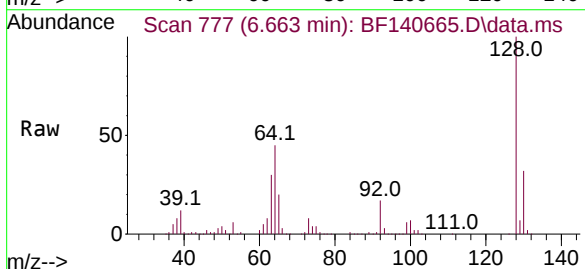
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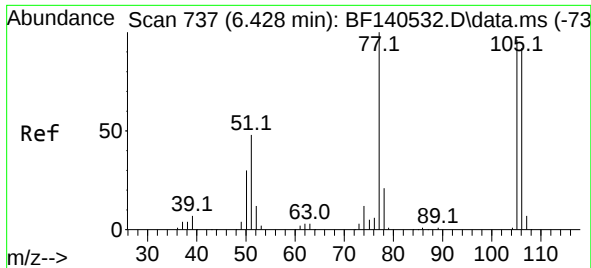
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#8
2-Chlorophenol
Concen: 51.641 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:128 Resp: 219816
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 45.1 30.2 70.2





#9
Benzaldehyde
Concen: 6.874 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

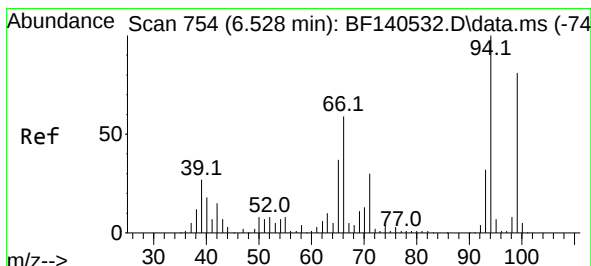
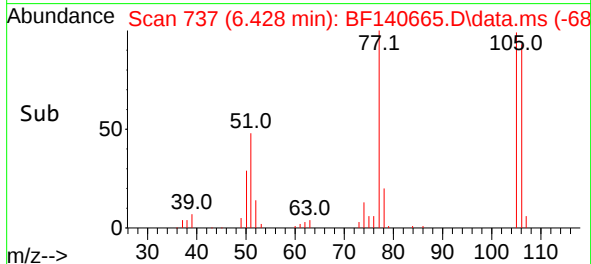
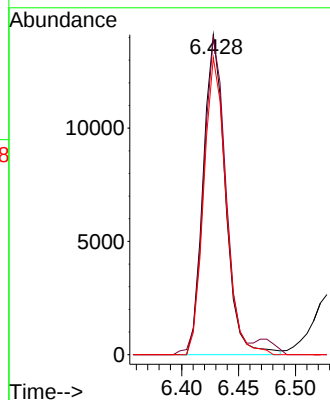
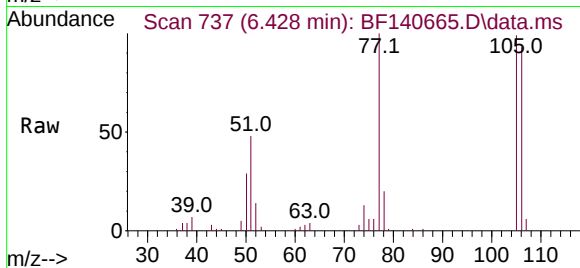
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 1903

Ion	Ratio	Lower	Upper
77	100		
105	99.0	75.6	115.6
106	92.8	72.0	112.0

Manual Integrations
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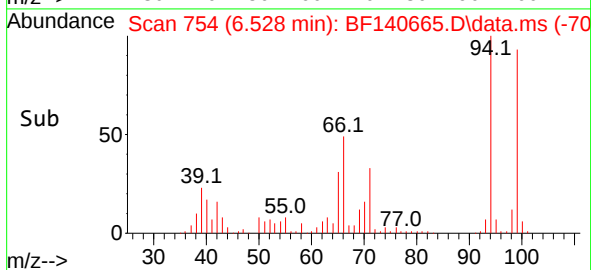
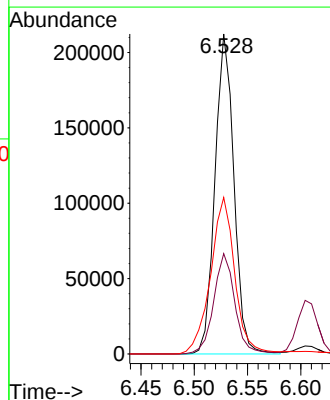
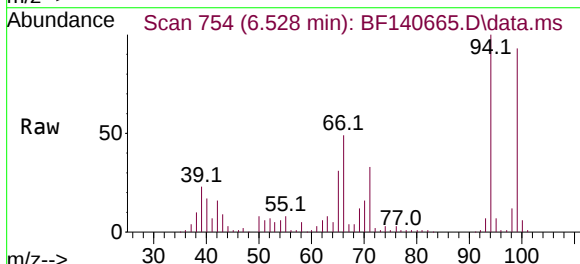
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#10
Phenol
Concen: 49.042 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion: 94 Resp: 261968

Ion	Ratio	Lower	Upper
94	100		
65	31.3	17.2	57.2
66	48.9	39.2	79.2





#11

bis(2-Chloroethyl)ether

Concen: 49.721 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

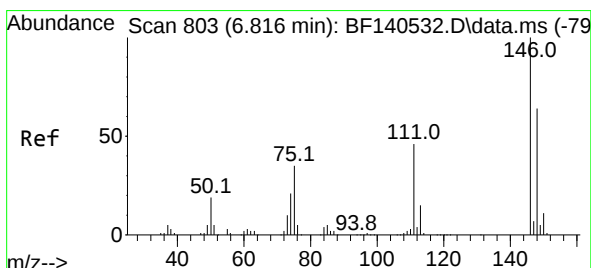
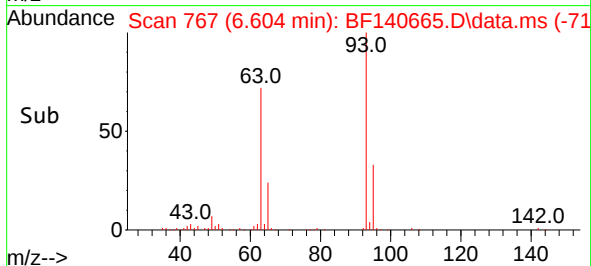
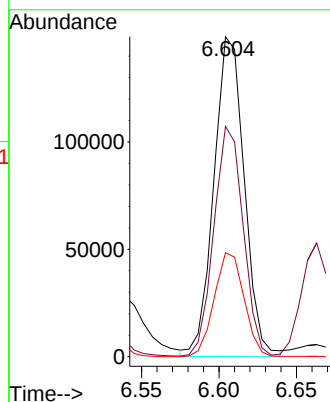
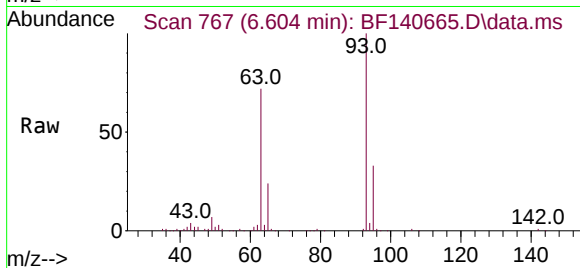
Tgt Ion: 93	Resp: 20324
Ion Ratio	Lower Upper
93 100	
63 72.0	52.8 92.8
95 32.5	12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#12

1,3-Dichlorobenzene

Concen: 41.906 ng

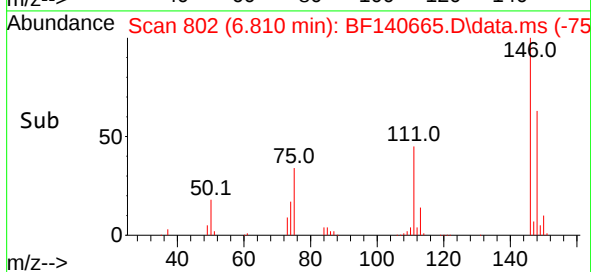
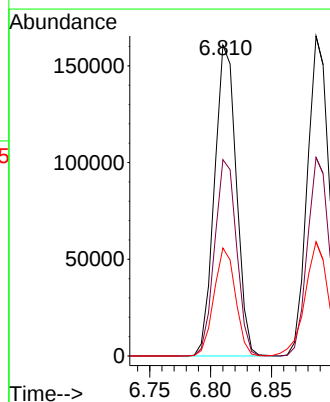
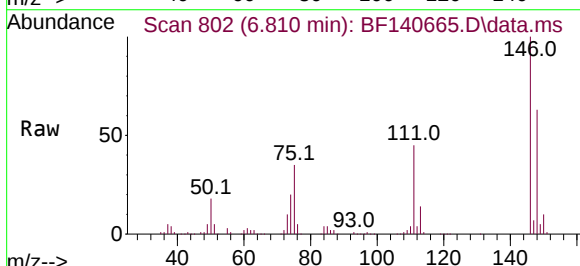
RT: 6.810 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Tgt Ion:146	Resp: 200431
Ion Ratio	Lower Upper
146 100	
148 63.2	51.3 76.9
75 34.7	28.2 42.2





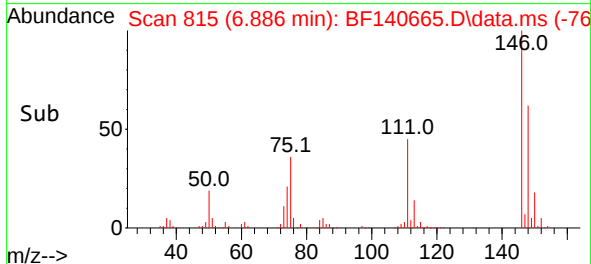
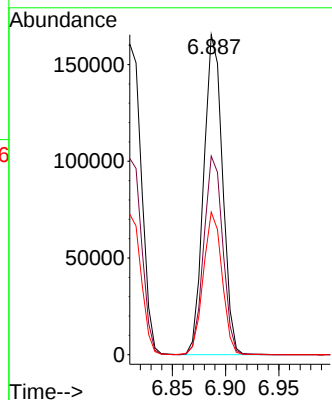
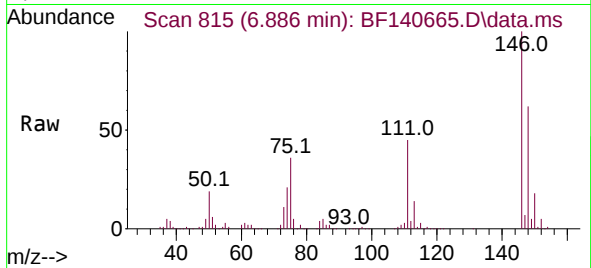
#13
1,4-Dichlorobenzene
Concen: 42.087 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:146 Resp: 203820
Ion Ratio Lower Upper
146 100
148 62.0 51.0 76.6
111 44.6 35.3 52.9

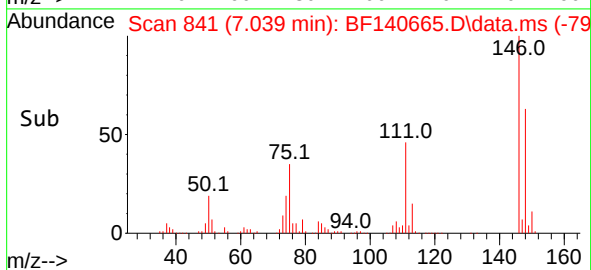
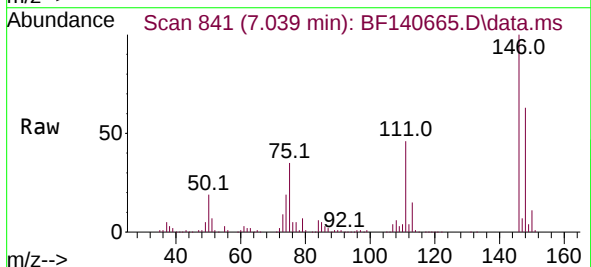
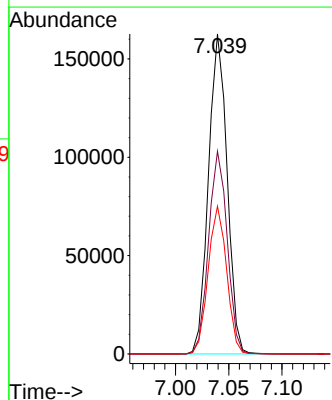
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#14
1,2-Dichlorobenzene
Concen: 43.642 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

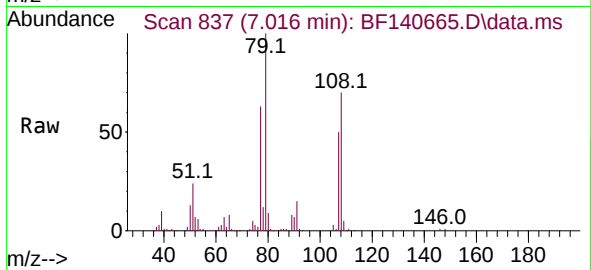
Tgt Ion:146 Resp: 198046
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 46.1 36.7 55.1





#15
Benzyl Alcohol
Concen: 44.850 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

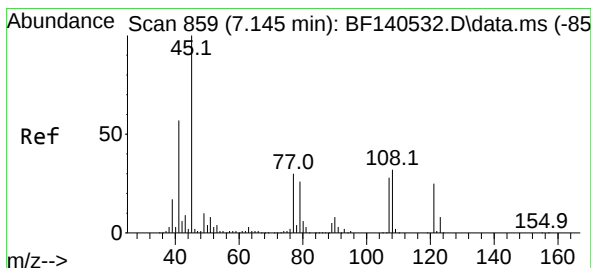
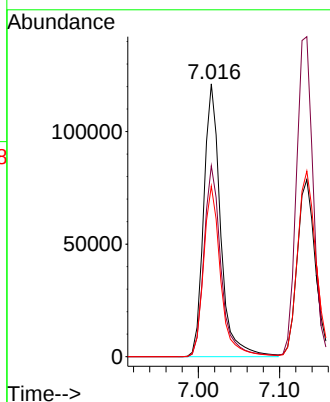
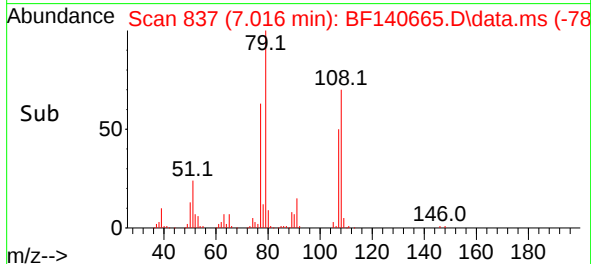
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion: 79 Resp: 17397
Ion Ratio Lower Upper
79 100
108 70.0 55.0 82.6
77 62.5 50.1 75.1

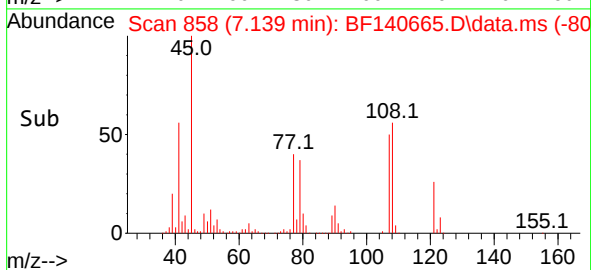
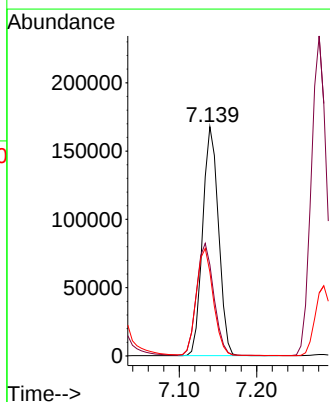
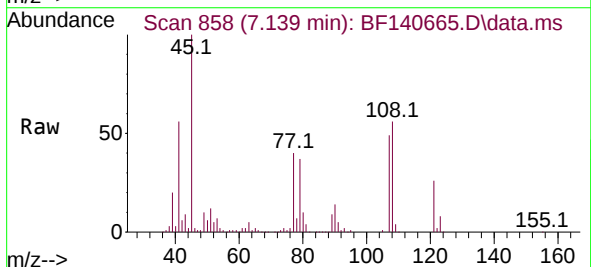
Manual Integrations
APPROVED

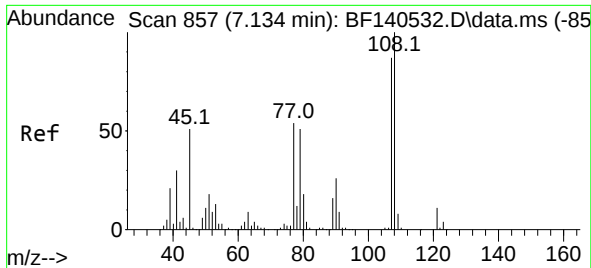
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.177 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

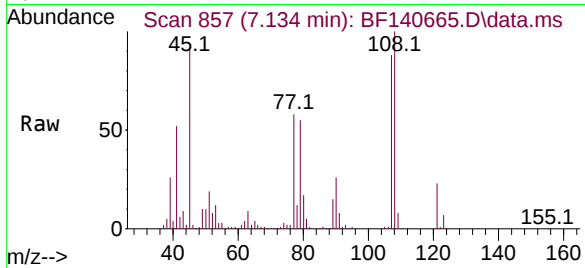
Tgt Ion: 45 Resp: 237478
Ion Ratio Lower Upper
45 100
77 39.7 10.7 50.7
79 36.6 7.0 47.0





#17
2-Methylphenol
Concen: 52.158 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

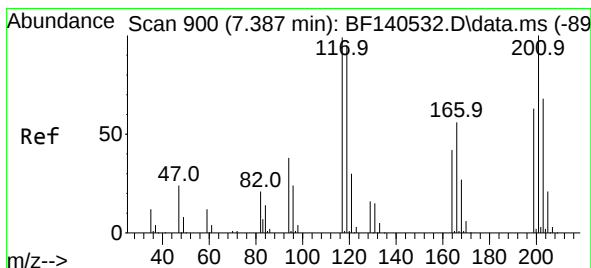
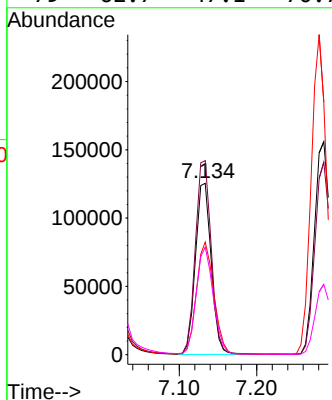
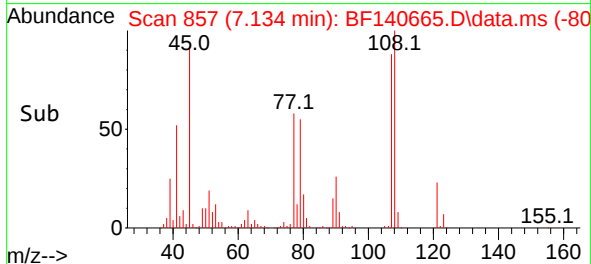
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:107 Resp: 177720
Ion Ratio Lower Upper
107 100
108 113.3 91.7 137.5
77 65.7 49.3 73.9
79 62.7 47.1 70.7

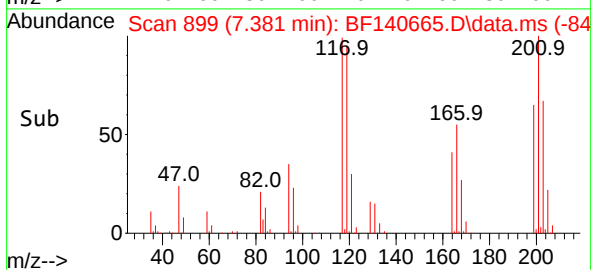
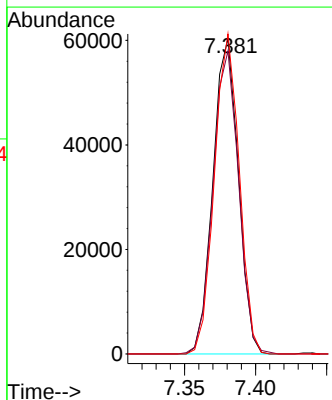
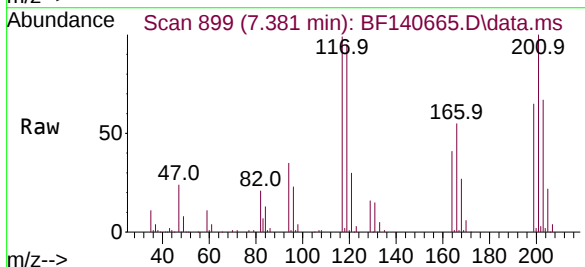
Manual Integrations
APPROVED

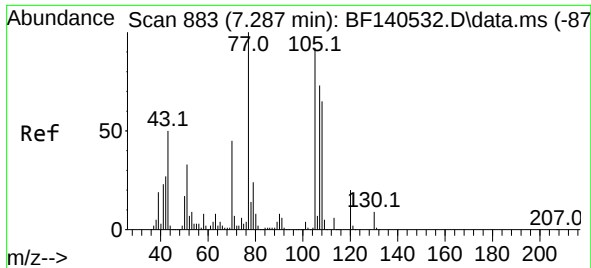
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#18
Hexachloroethane
Concen: 41.419 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

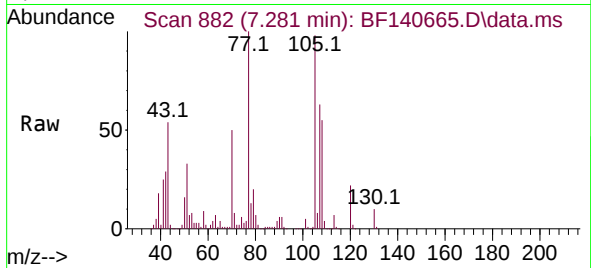
Tgt Ion:117 Resp: 74916
Ion Ratio Lower Upper
117 100
119 96.1 77.1 115.7
201 101.5 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 52.317 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

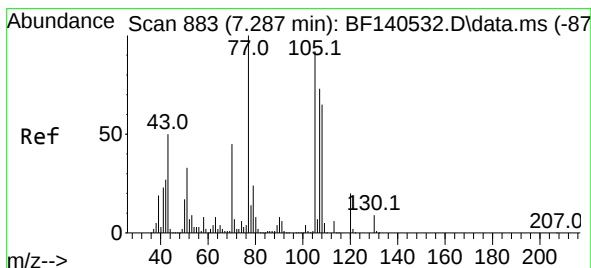
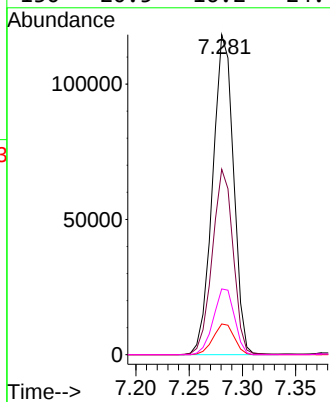
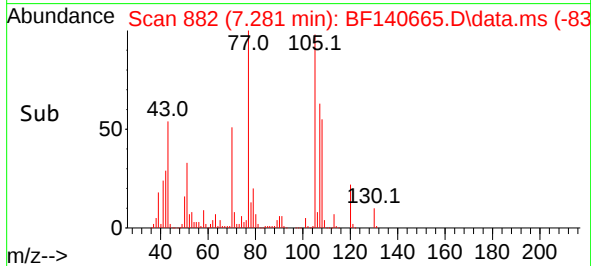
Instrument :
BNA_F
ClientSampleId :
MH-732MS



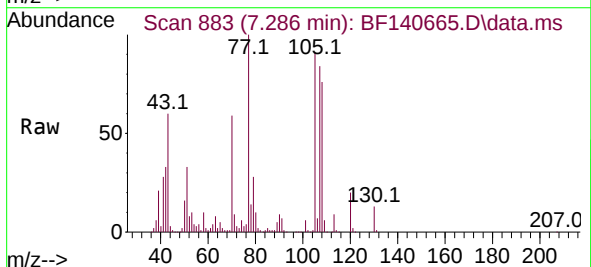
Tgt Ion: 70 Resp: 161724
Ion Ratio Lower Upper
70 100
42 58.0 47.6 71.4
101 9.6 7.6 11.4
130 20.5 16.2 24.4

Manual Integrations
APPROVED

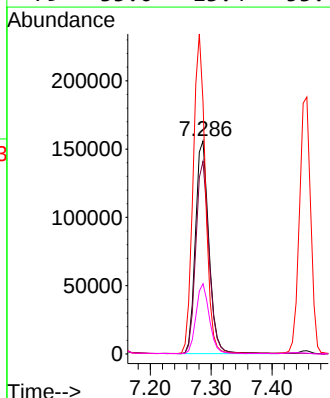
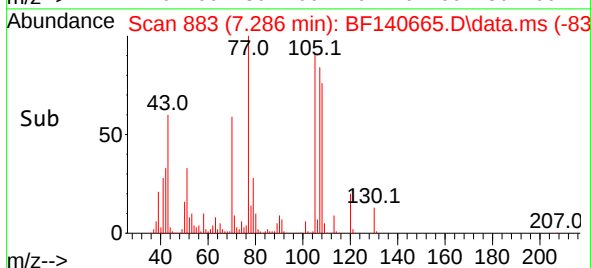
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

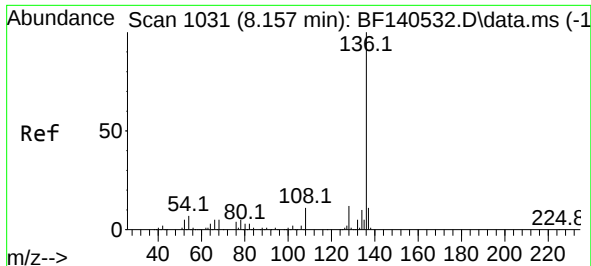


#20
3+4-Methylphenols
Concen: 54.211 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



Tgt Ion:107 Resp: 237422
Ion Ratio Lower Upper
107 100
108 90.4 69.9 109.9
77 118.5 117.7 157.7
79 33.0 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

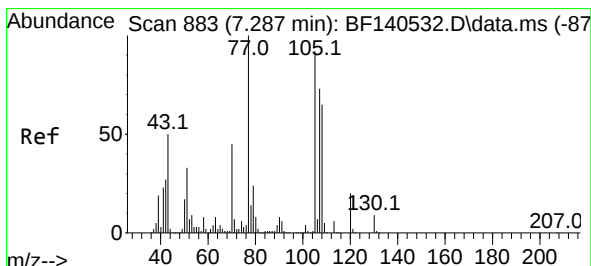
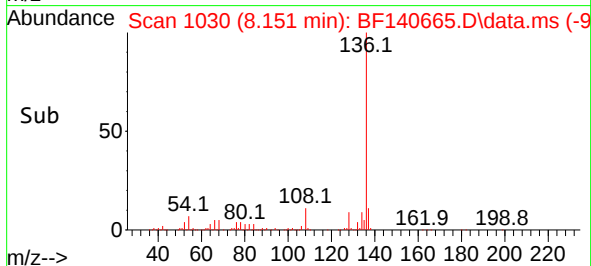
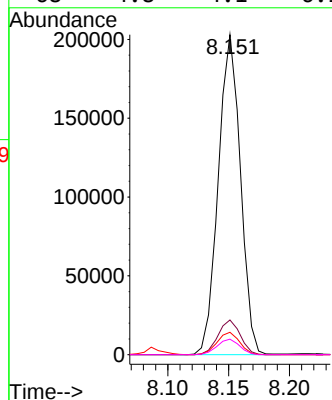
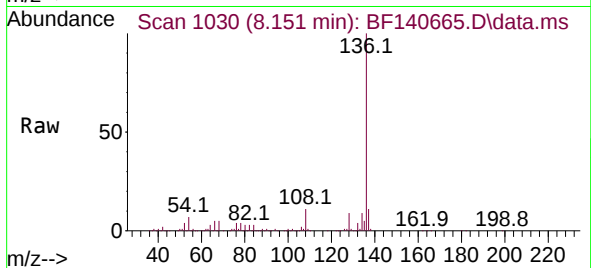
MH-732MS

Tgt Ion:136 Resp: 257350
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 5.8 8.8
68 4.8 4.1 6.1

Manual Integrations

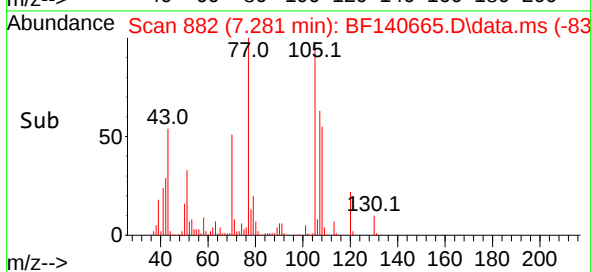
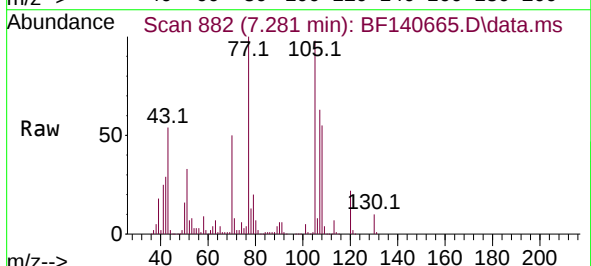
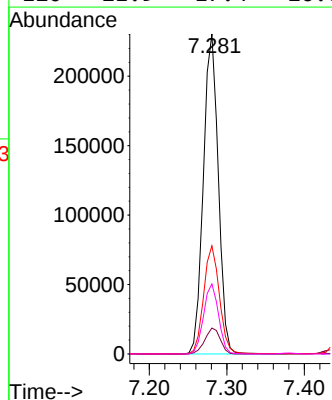
APPROVED

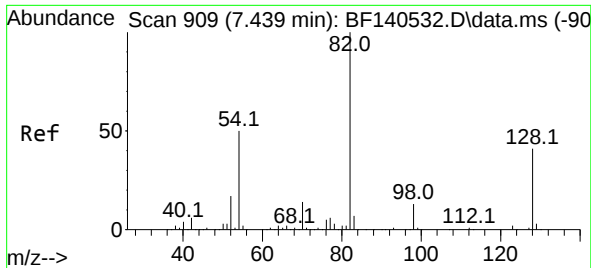
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#22
Acetophenone
Concen: 49.161 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

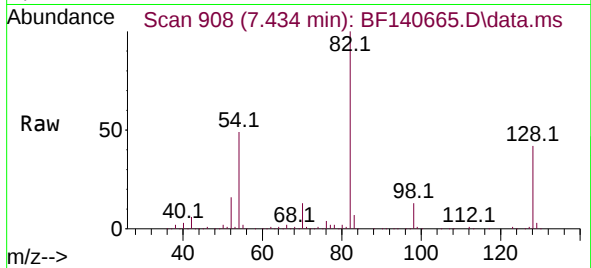
Tgt Ion:105 Resp: 308447
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.2
51 33.8 29.0 43.6
120 21.9 17.4 26.0





#23
Nitrobenzene-d5
Concen: 101.607 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

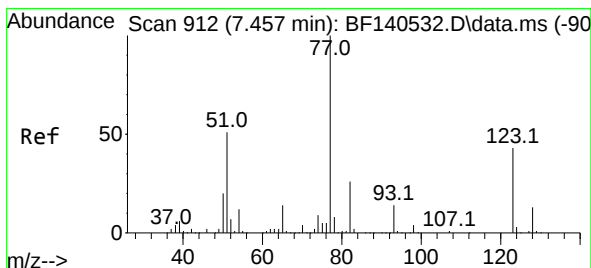
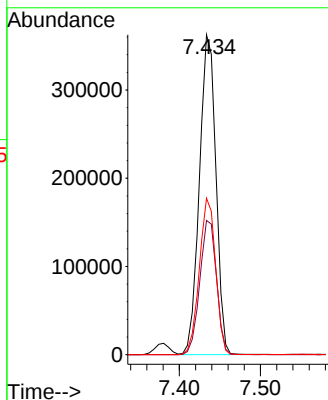
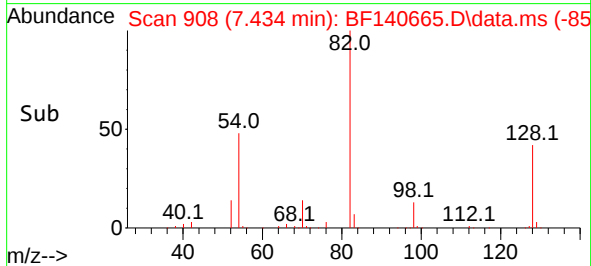
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion: 82 Resp: 511223
Ion Ratio Lower Upper
82 100
128 42.0 33.0 49.4
54 48.9 39.5 59.3

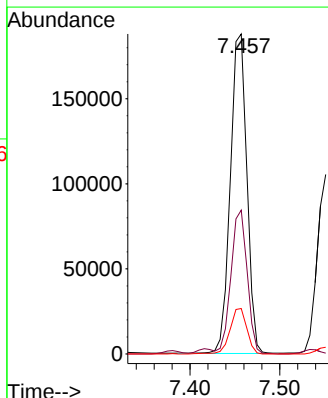
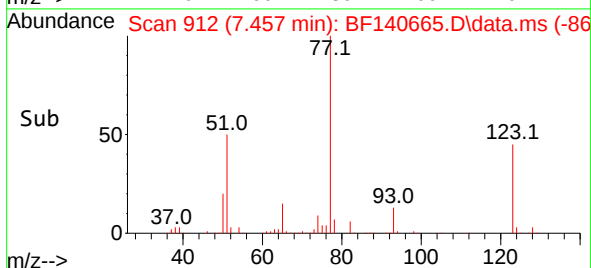
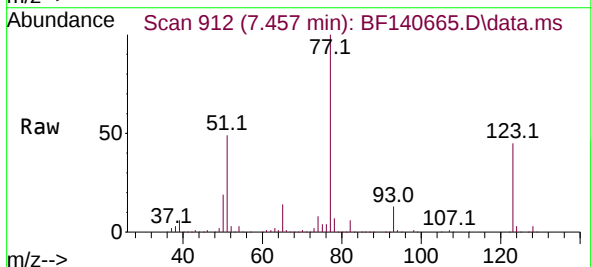
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#24
Nitrobenzene
Concen: 46.306 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion: 77 Resp: 240796
Ion Ratio Lower Upper
77 100
123 44.9 34.3 51.5
65 14.2 11.2 16.8





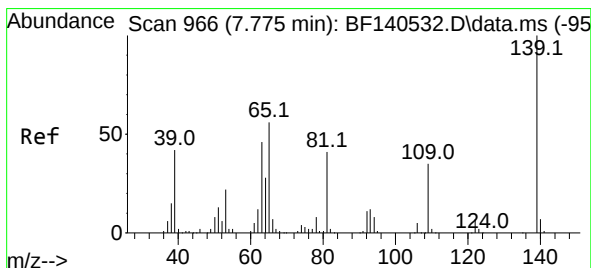
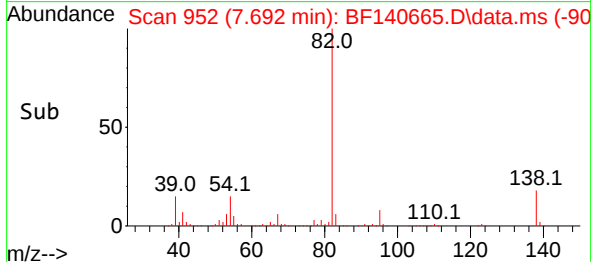
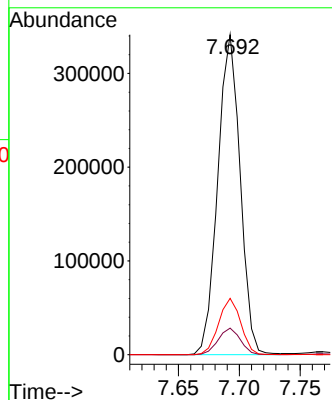
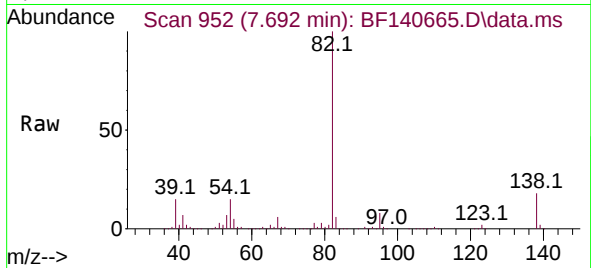
#25
Isophorone
Concen: 52.029 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion: 82 Resp: 43662
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 17.6 13.8 20.6

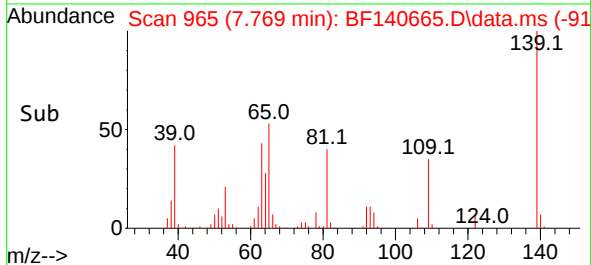
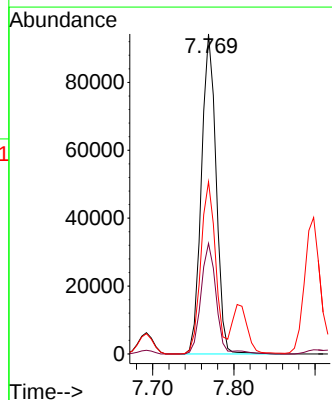
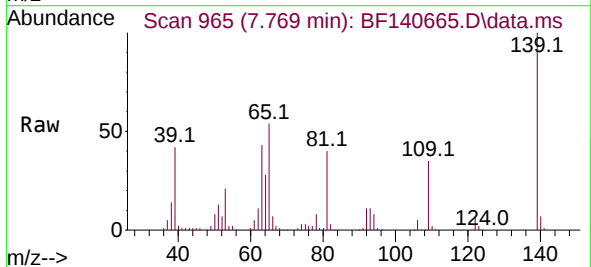
Manual Integrations
APPROVED

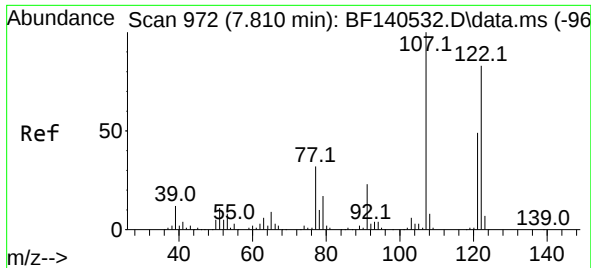
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#26
2-Nitrophenol
Concen: 51.443 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:139 Resp: 118547
Ion Ratio Lower Upper
139 100
109 34.6 28.0 42.0
65 53.8 44.6 67.0





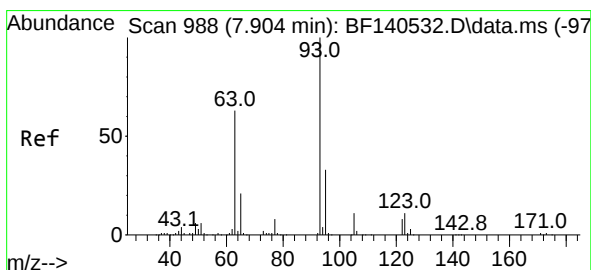
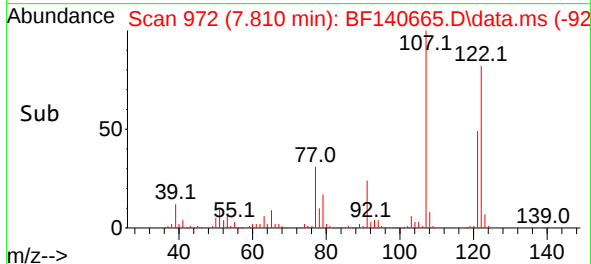
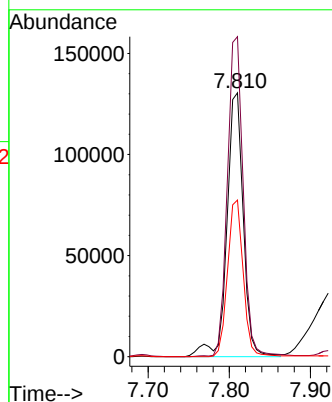
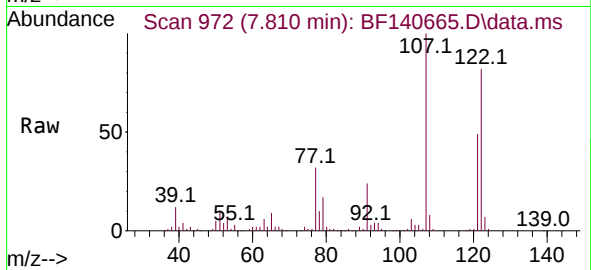
#27
2,4-Dimethylphenol
Concen: 66.434 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:122 Resp: 183172
Ion Ratio Lower Upper
122 100
107 121.3 96.8 145.2
121 59.3 47.4 71.0

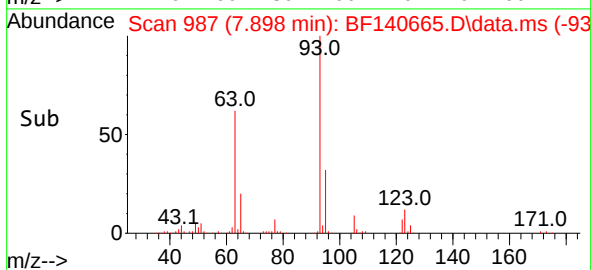
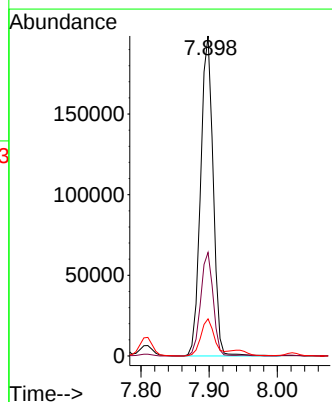
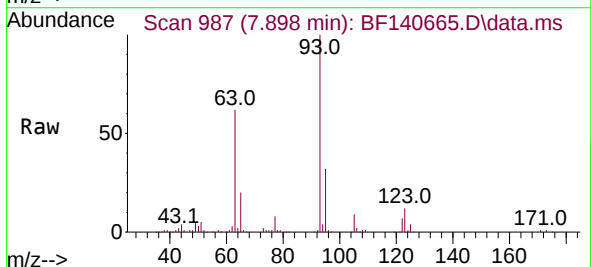
Manual Integrations
APPROVED

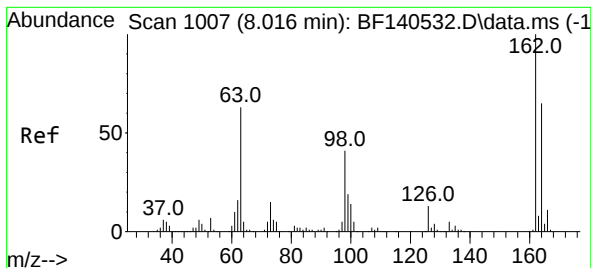
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.735 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

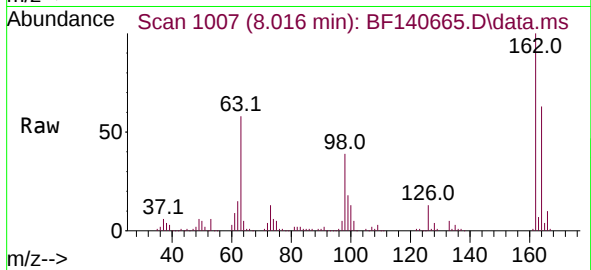
Tgt Ion: 93 Resp: 254267
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.6 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 54.383 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

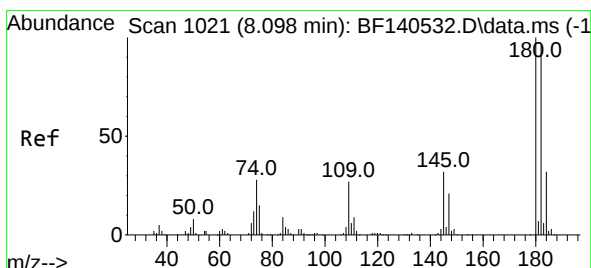
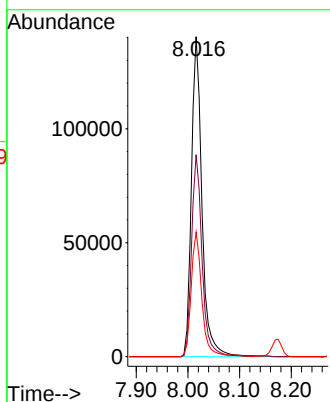
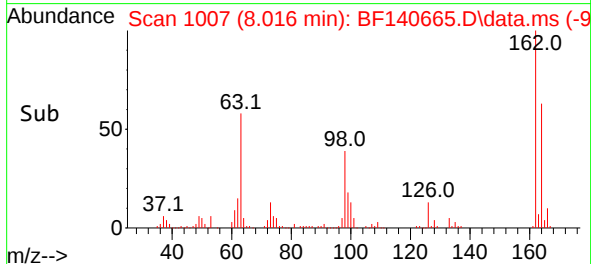
Instrument :
BNA_F
ClientSampleId :
MH-732MS



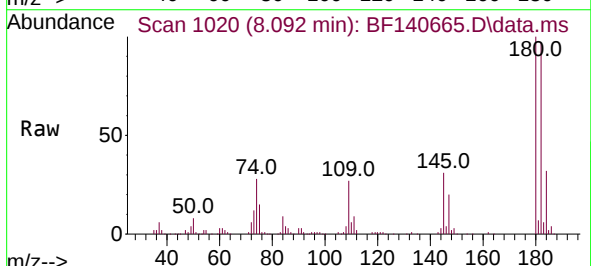
Tgt Ion:162 Resp: 198689
Ion Ratio Lower Upper
162 100
164 63.1 44.8 84.8
98 38.9 21.2 61.2

Manual Integrations
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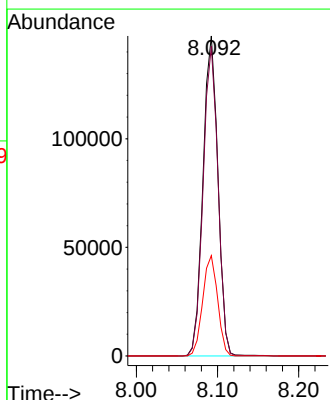
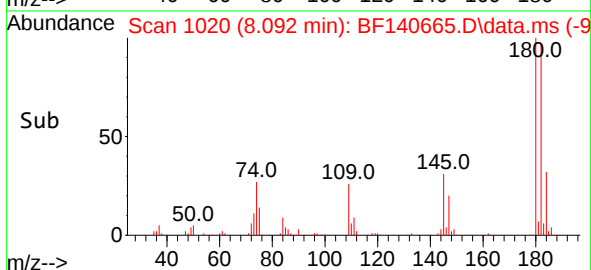
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

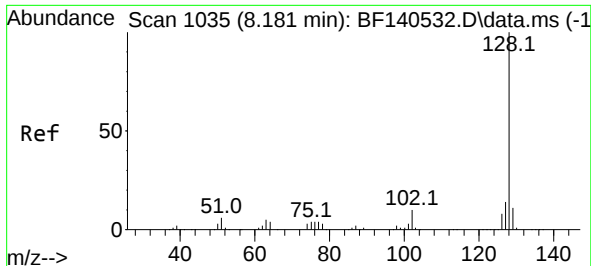


#30
1,2,4-Trichlorobenzene
Concen: 44.979 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



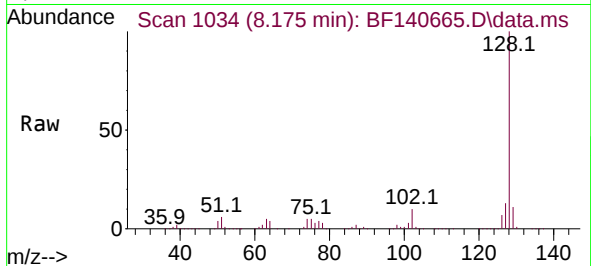
Tgt Ion:180 Resp: 187628
Ion Ratio Lower Upper
180 100
182 96.7 76.4 114.6
145 31.3 25.9 38.9





#31
Naphthalene
Concen: 48.245 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

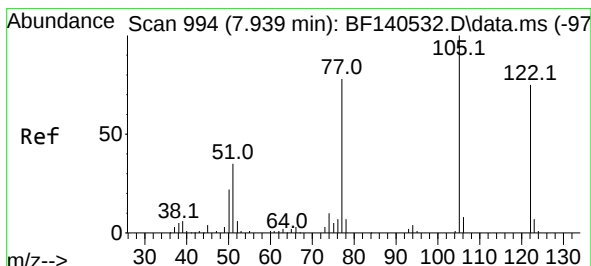
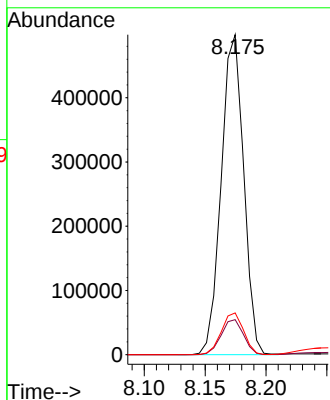
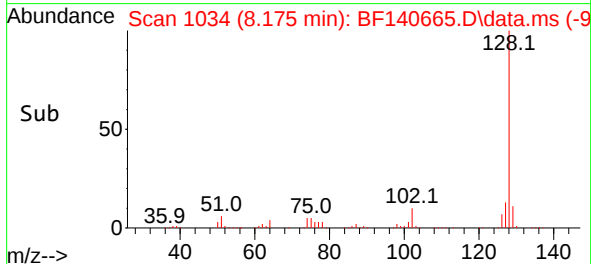
Instrument :
BNA_F
ClientSampleId :
MH-732MS



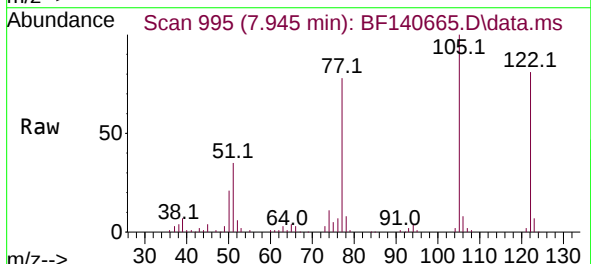
Tgt Ion:128 Resp: 63954
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.8 16.2

Manual Integrations
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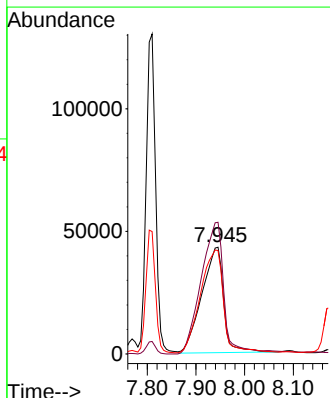
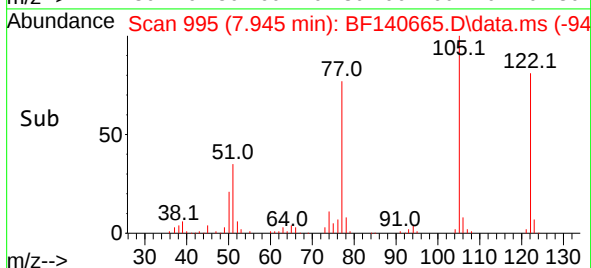
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#32
Benzoic acid
Concen: 54.548 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



Tgt Ion:122 Resp: 133651
Ion Ratio Lower Upper
122 100
105 123.4 109.3 149.3
77 96.8 82.3 122.3





#33
4-Chloroaniline
Concen: 8.480 ng
RT: 8.251 min Scan# 1047
Delta R.T. 0.023 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

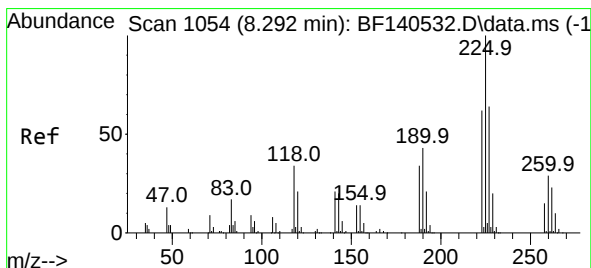
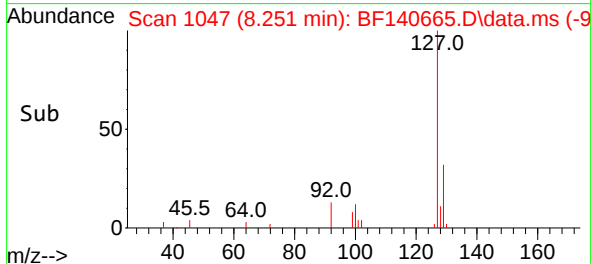
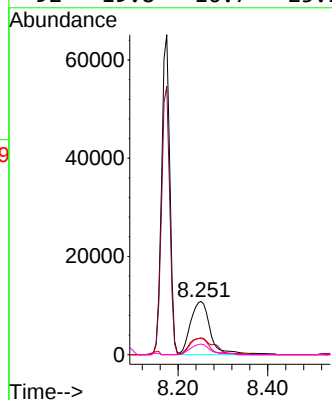
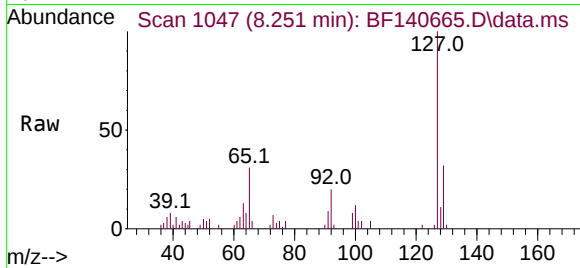
ClientSampleId :

MH-732MS

Tgt Ion:	127	Resp:	3365
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.0	39.0
65	30.5	26.0	39.0
92	19.8	16.7	25.1

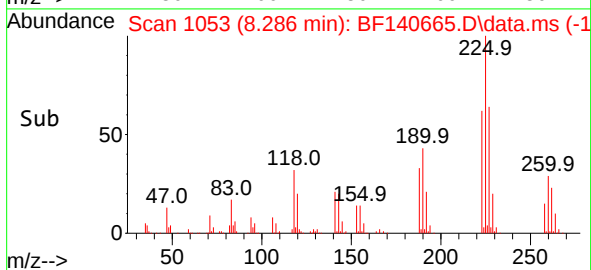
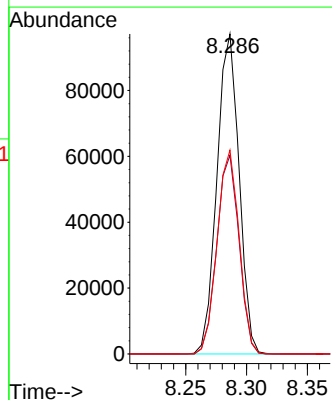
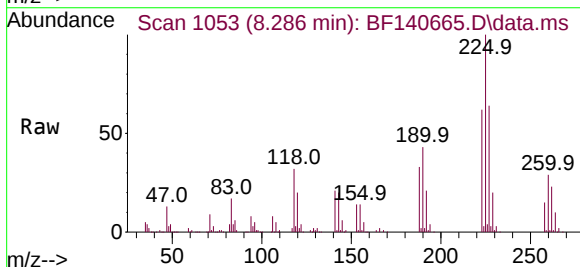
Manual Integrations
APPROVED

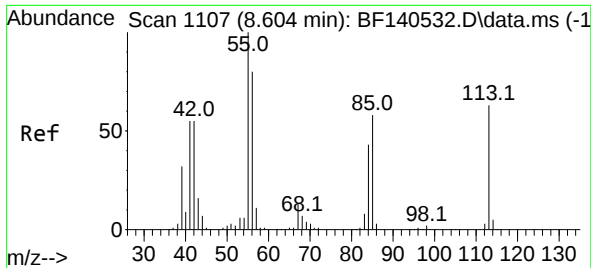
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#34
Hexachlorobutadiene
Concen: 44.561 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

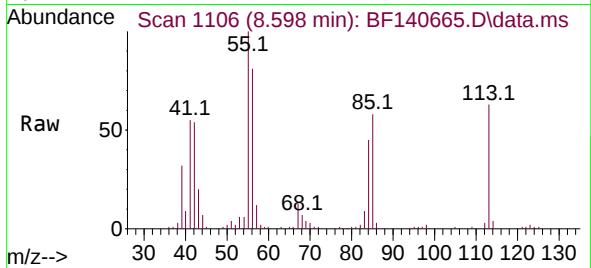
Tgt Ion:	225	Resp:	123122
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.8	74.8
227	63.7	51.3	76.9





#35
Caprolactam
Concen: 50.137 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

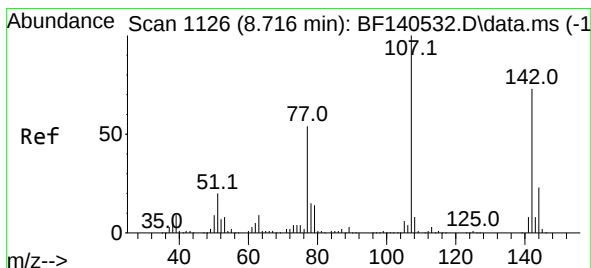
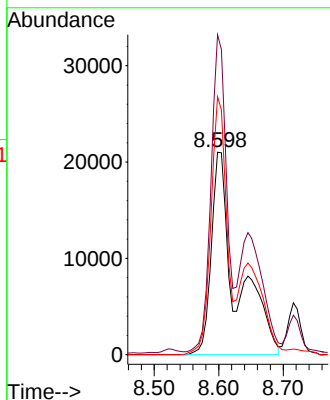
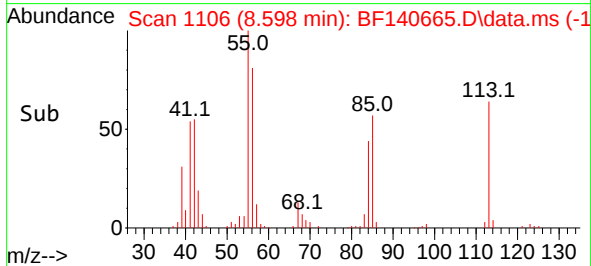
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:113 Resp: 5668
Ion Ratio Lower Upper
113 100
55 158.1 137.7 177.7
56 127.5 106.4 146.4

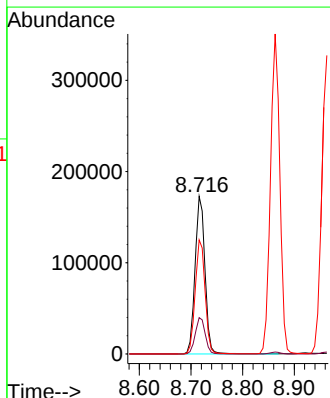
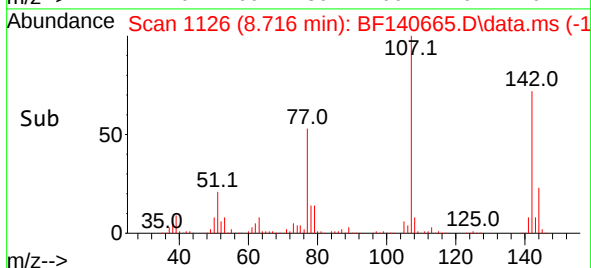
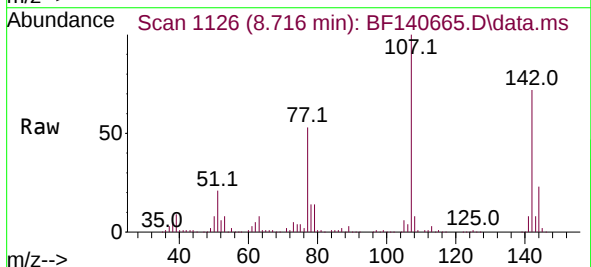
Manual Integrations
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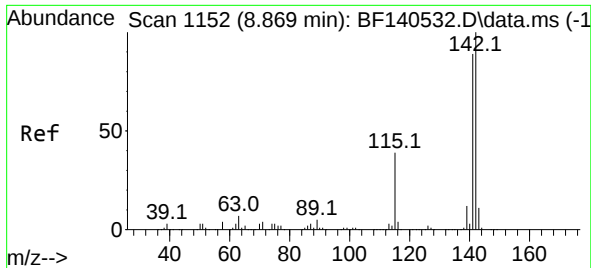
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#36
4-Chloro-3-methylphenol
Concen: 56.170 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:107 Resp: 229769
Ion Ratio Lower Upper
107 100
144 23.1 18.7 28.1
142 72.4 58.3 87.5





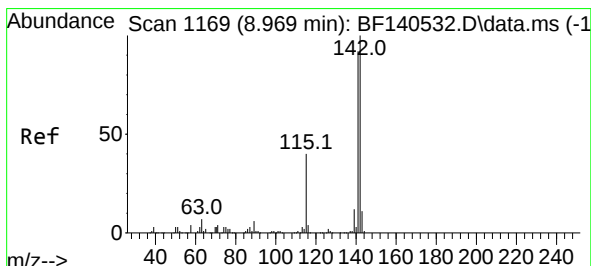
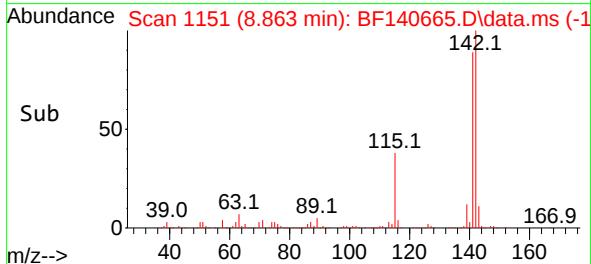
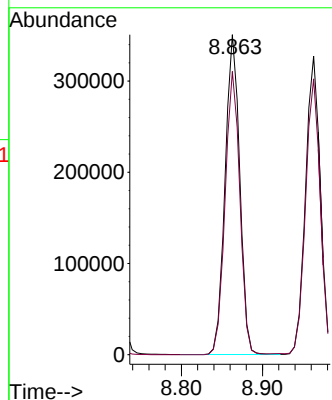
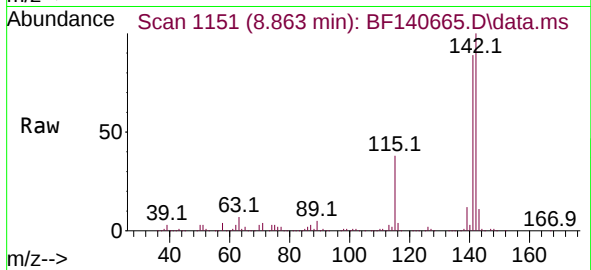
#37
2-Methylnaphthalene
Concen: 52.333 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:142 Resp: 440632
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6

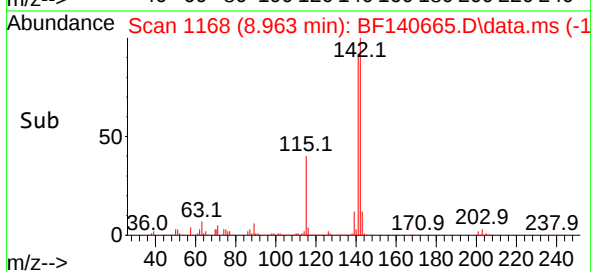
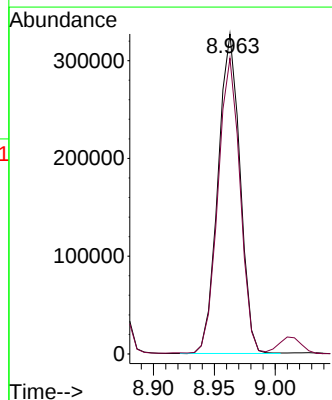
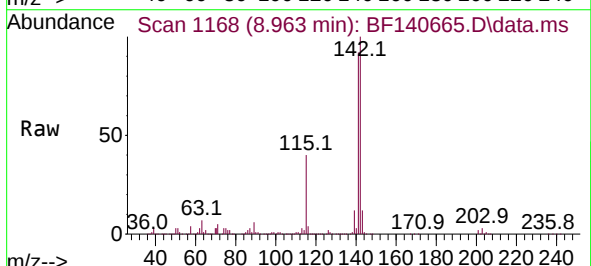
Manual Integrations
APPROVED

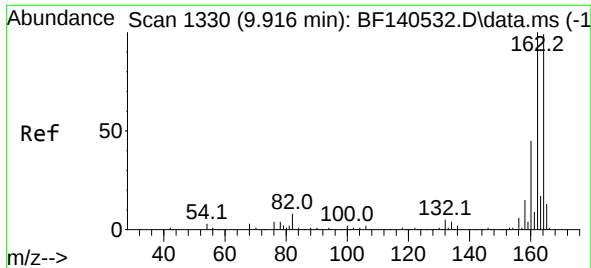
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#38
1-Methylnaphthalene
Concen: 49.867 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

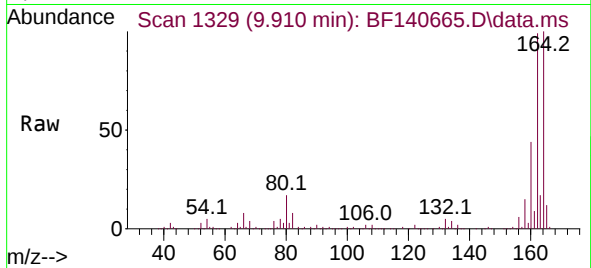
Tgt Ion:142 Resp: 411551
Ion Ratio Lower Upper
142 100
141 92.4 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

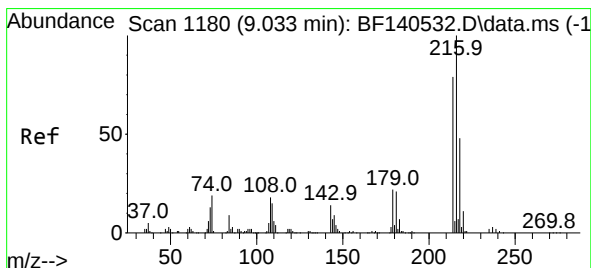
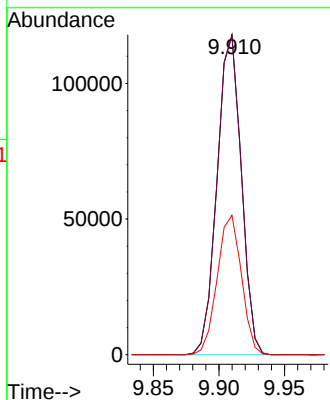
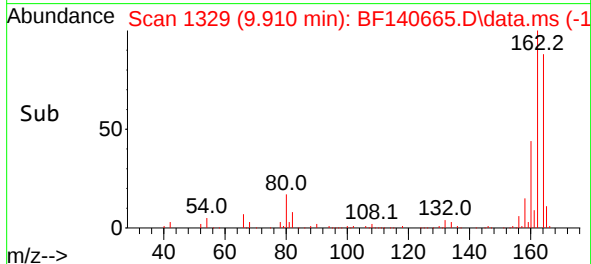
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:164 Resp: 15098
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 43.6 36.2 54.4

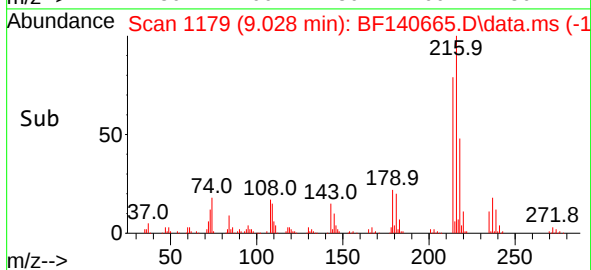
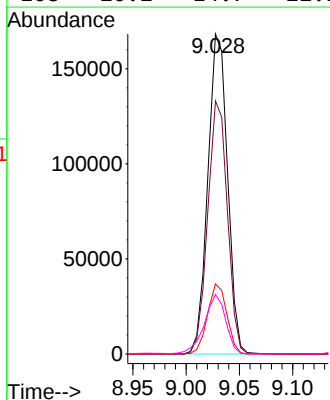
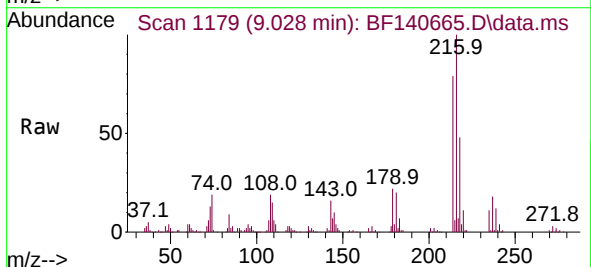
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.860 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

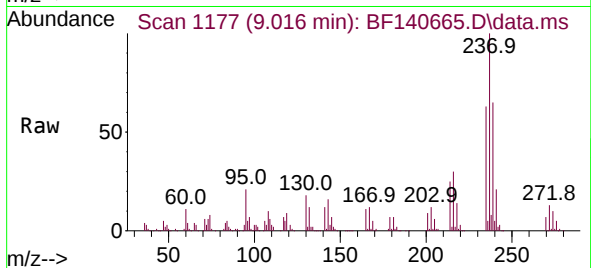
Tgt Ion:216 Resp: 215962
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 21.5 17.5 26.3
108 20.2 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 168.986 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

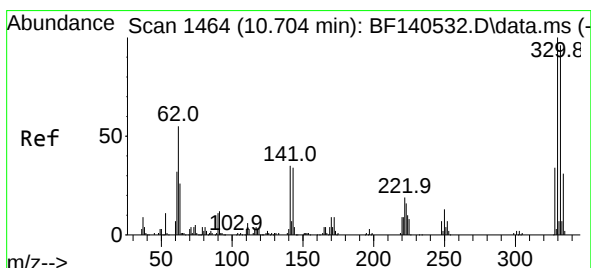
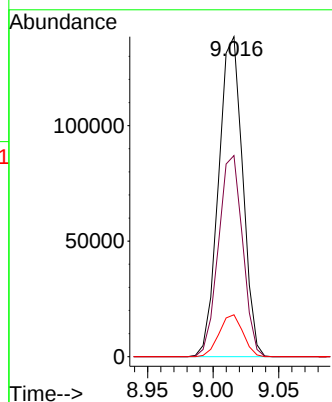
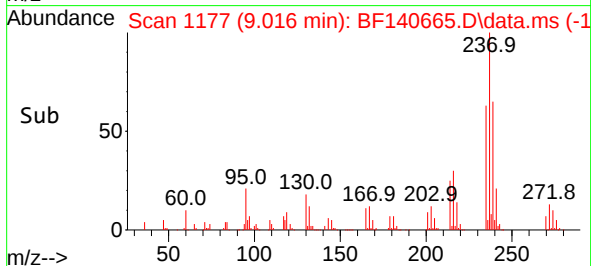
Instrument :
BNA_F
ClientSampleId :
MH-732MS



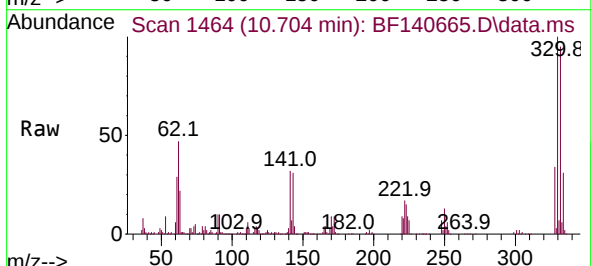
Tgt Ion:237 Resp: 176750
Ion Ratio Lower Upper
237 100
235 62.9 41.1 81.1
272 13.1 0.0 32.6

Manual Integrations
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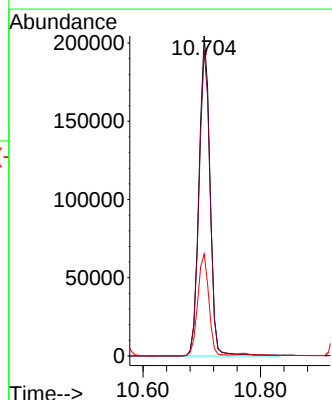
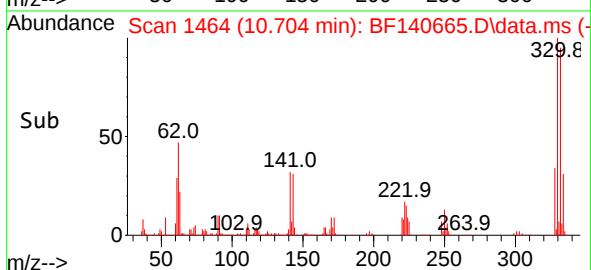
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

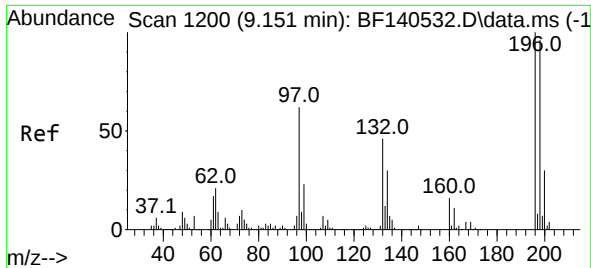


#42
2,4,6-Tribromophenol
Concen: 164.535 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



Tgt Ion:330 Resp: 265684
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 31.6 26.7 40.1





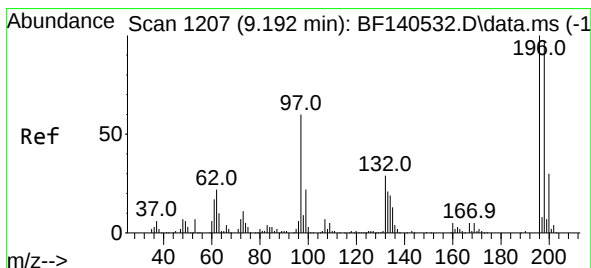
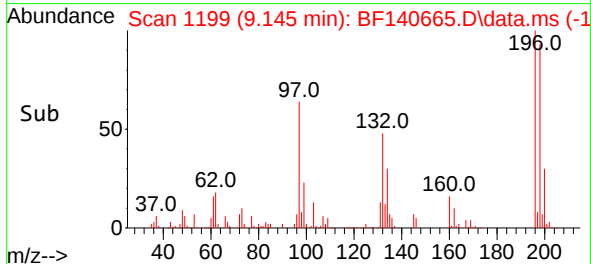
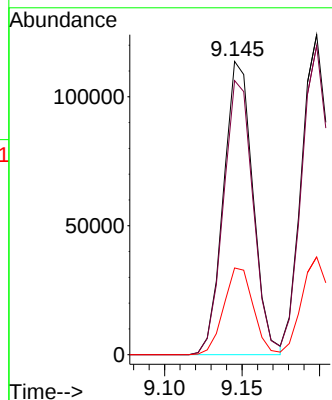
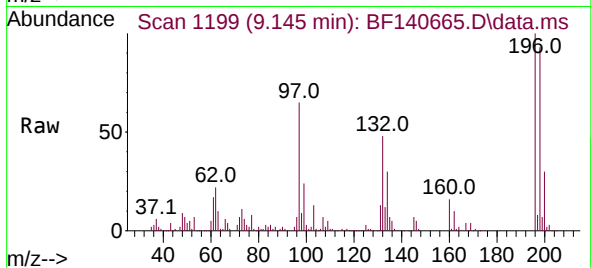
#43
2,4,6-Trichlorophenol
Concen: 54.271 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:196 Resp: 15052
Ion Ratio Lower Upper
196 100
198 93.4 76.8 115.2
200 29.6 24.3 36.5

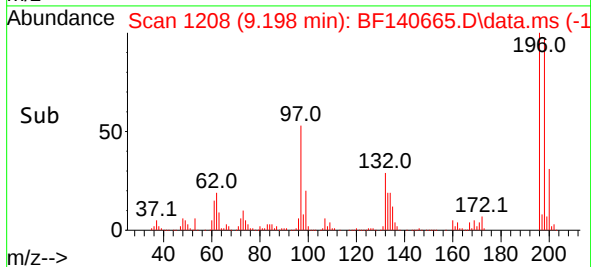
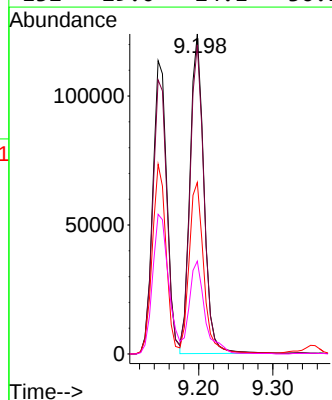
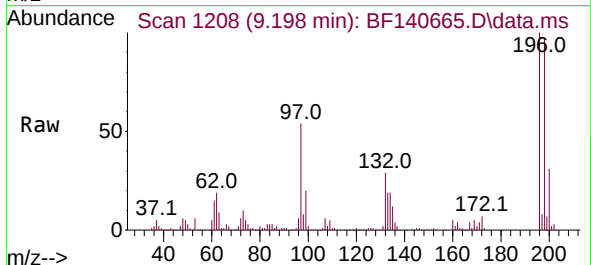
Manual Integrations
APPROVED

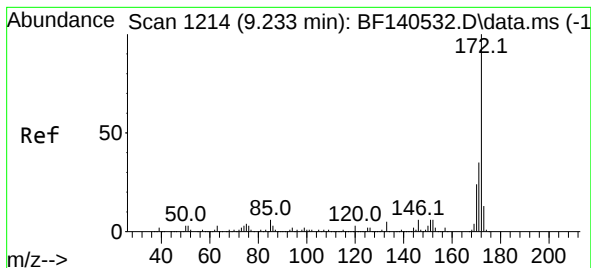
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#44
2,4,5-Trichlorophenol
Concen: 53.920 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:196 Resp: 162302
Ion Ratio Lower Upper
196 100
198 96.6 77.2 115.8
97 53.6 47.1 70.7
132 29.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 100.320 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion:172 Resp: 101657

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

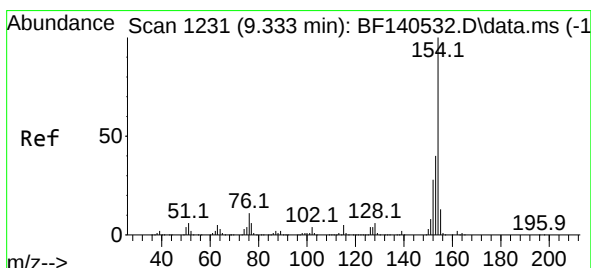
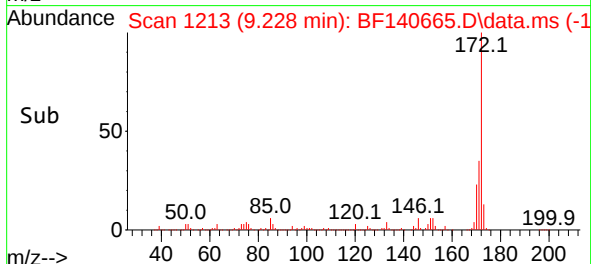
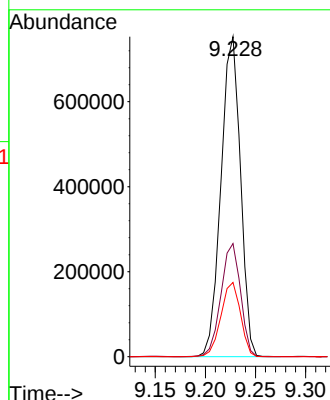
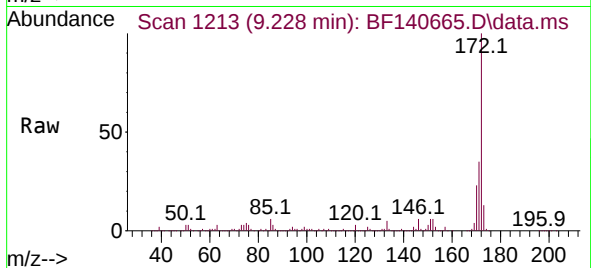
170 23.2 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#46

1,1'-Biphenyl

Concen: 50.742 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

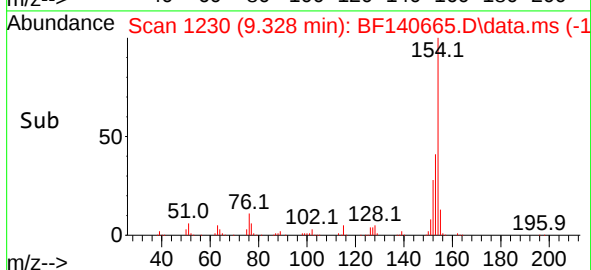
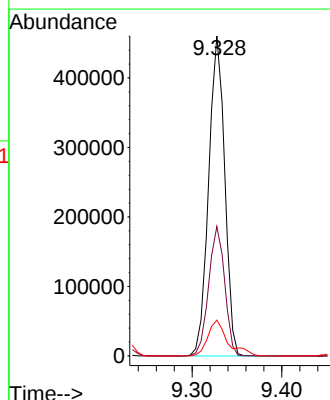
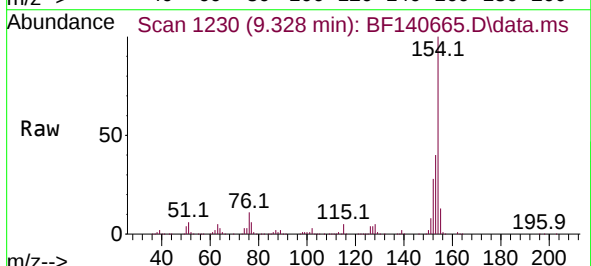
Tgt Ion:154 Resp: 571981

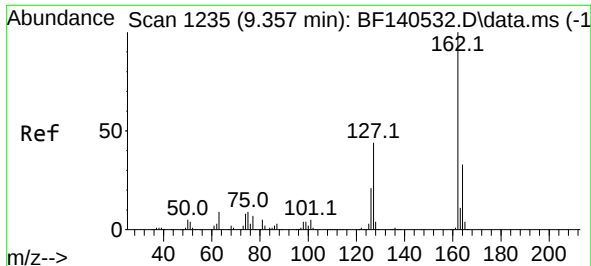
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 49.005 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

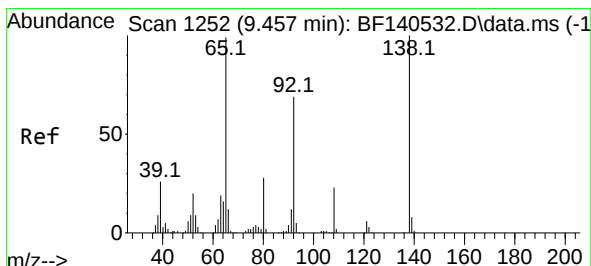
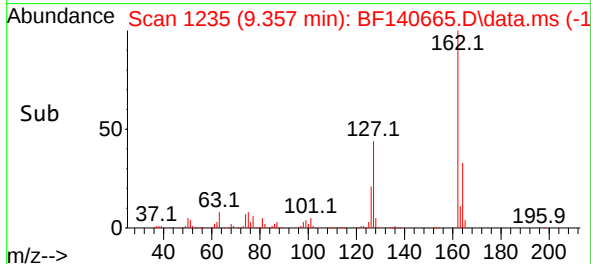
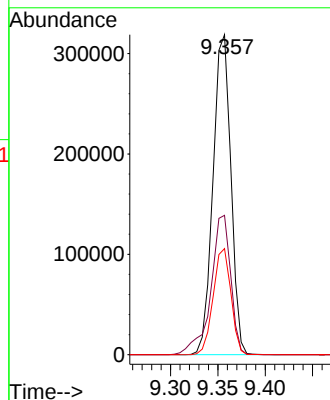
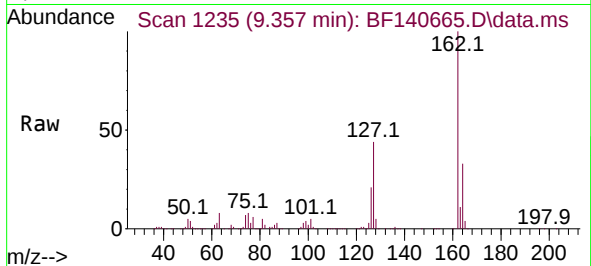
Tgt Ion:162 Resp: 418560
 Ion Ratio Lower Upper
 162 100
 127 43.6 35.7 53.5
 164 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#48

2-Nitroaniline

Concen: 50.944 ng

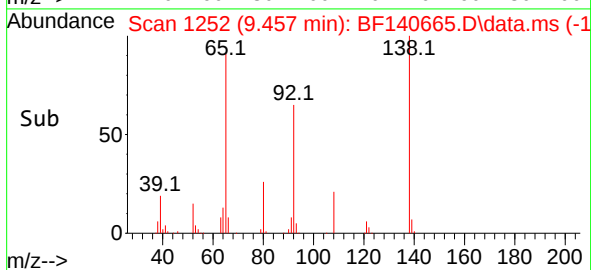
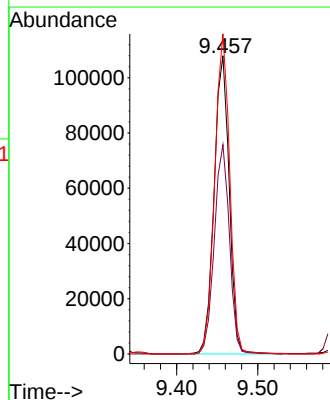
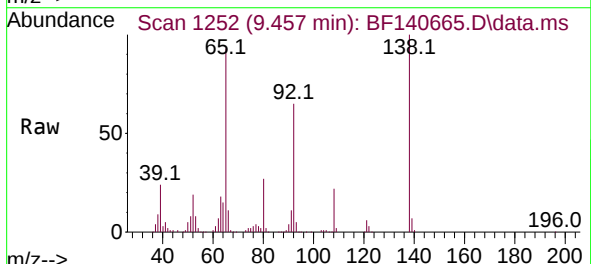
RT: 9.457 min Scan# 1252

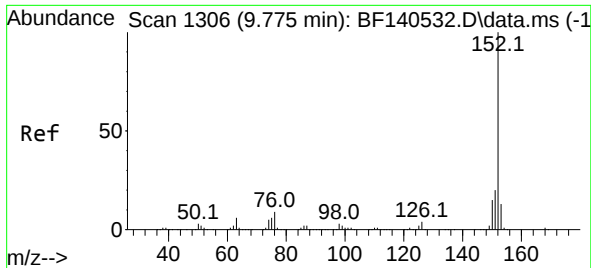
Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Tgt Ion: 65 Resp: 139668
 Ion Ratio Lower Upper
 65 100
 92 70.2 56.1 84.1
 138 107.3 81.0 121.6





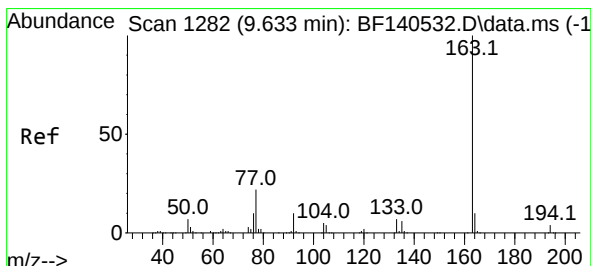
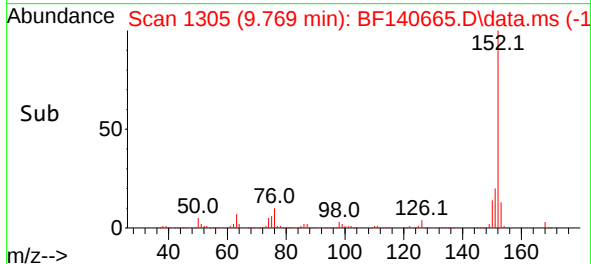
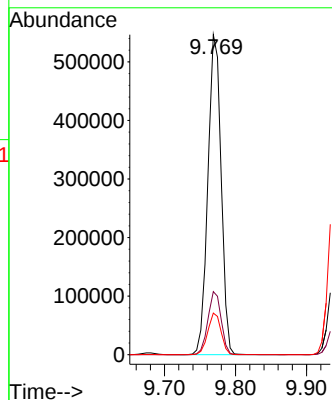
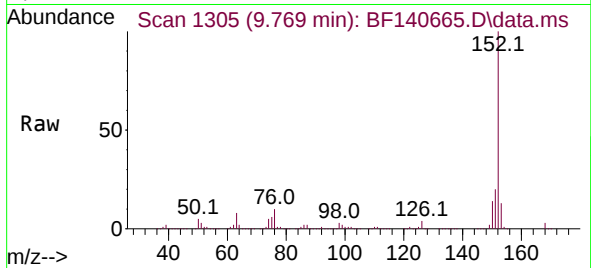
#49
Acenaphthylene
Concen: 54.976 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:152 Resp: 709484
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.0 10.6 16.0

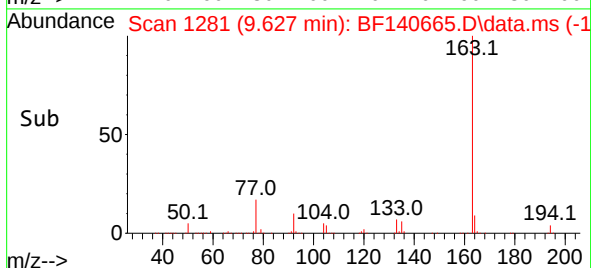
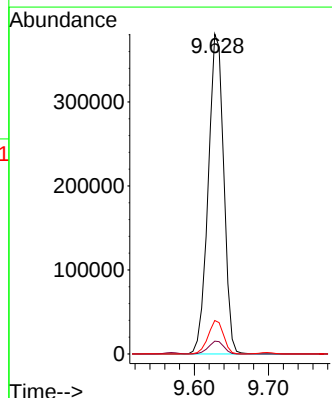
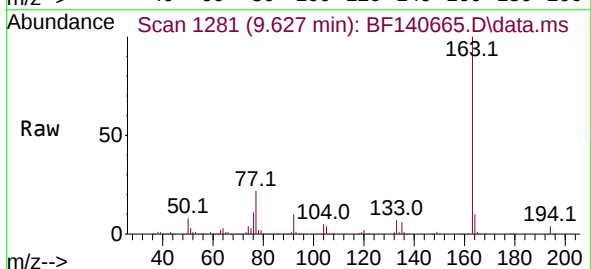
Manual Integrations
APPROVED

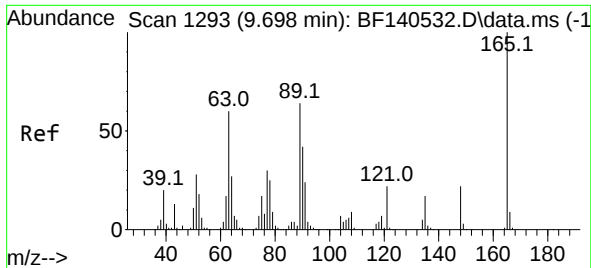
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#50
Dimethylphthalate
Concen: 55.576 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:163 Resp: 552625
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.2





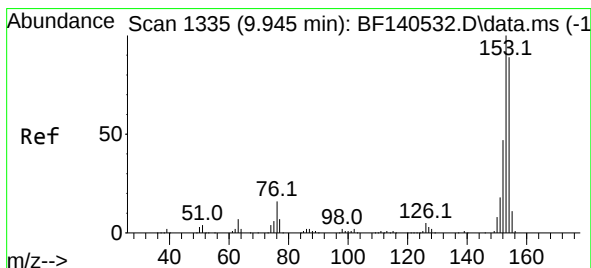
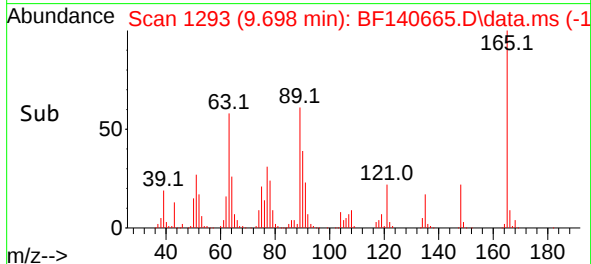
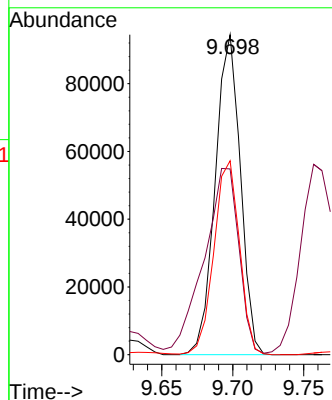
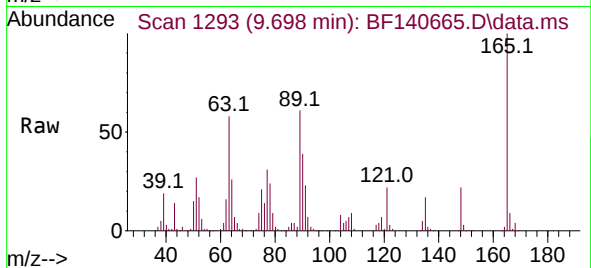
#51
2,6-Dinitrotoluene
Concen: 51.486 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:165 Resp: 116107
Ion Ratio Lower Upper
165 100
63 58.1 49.9 74.9
89 60.6 50.9 76.3

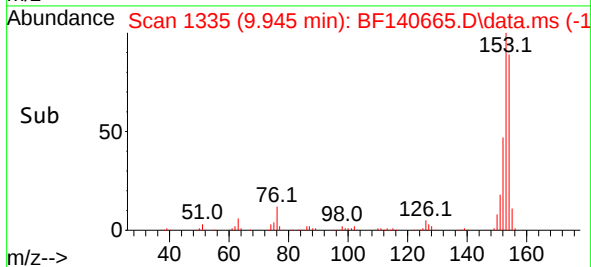
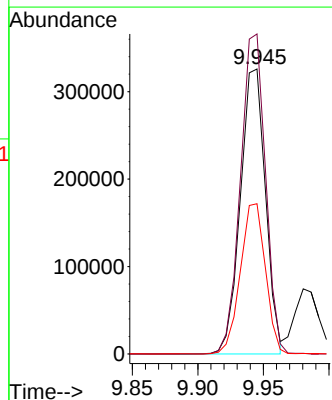
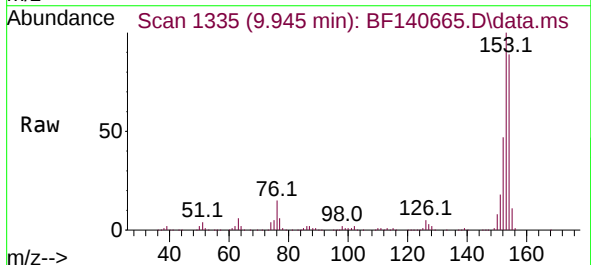
Manual Integrations
APPROVED

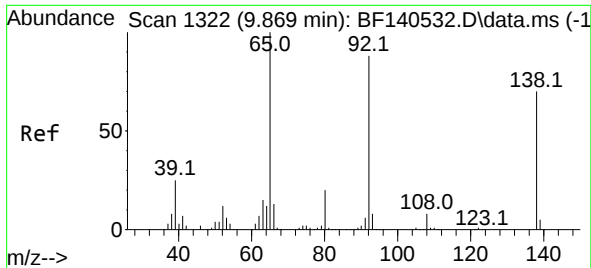
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#52
Acenaphthene
Concen: 53.093 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:154 Resp: 435357
Ion Ratio Lower Upper
154 100
153 112.3 89.7 134.5
152 52.7 42.5 63.7





#53
3-Nitroaniline
Concen: 8.787 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

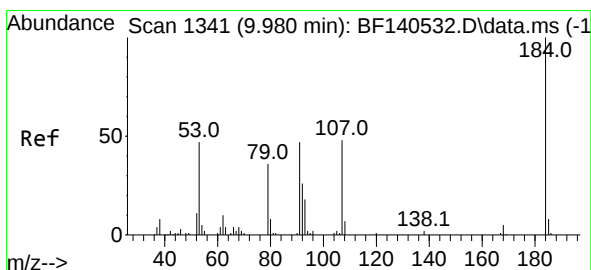
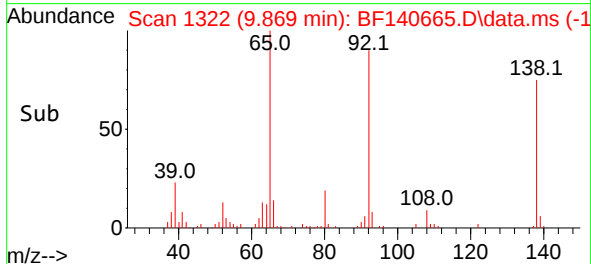
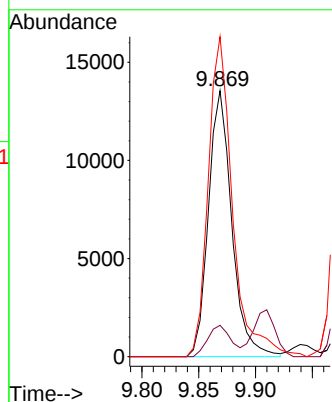
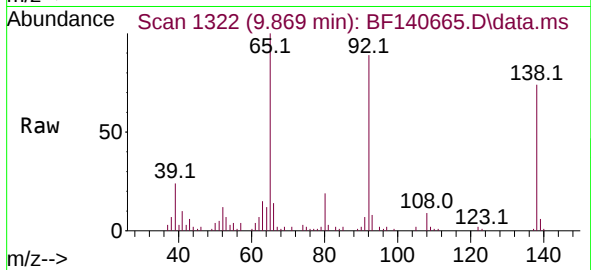
ClientSampleId :

MH-732MS

Tgt Ion:138 Resp: 1938
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 120.3 100.6 150.8

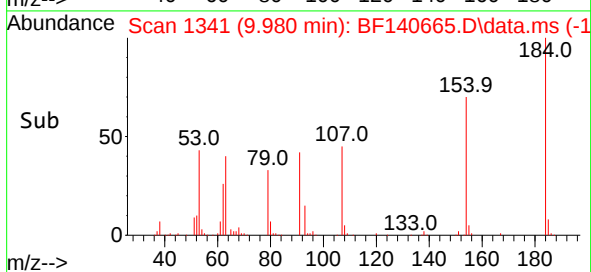
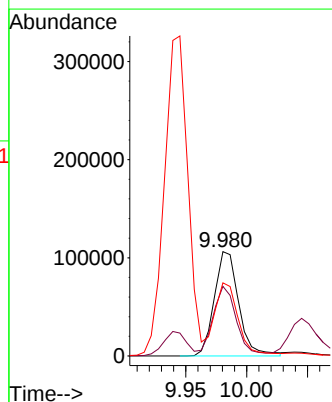
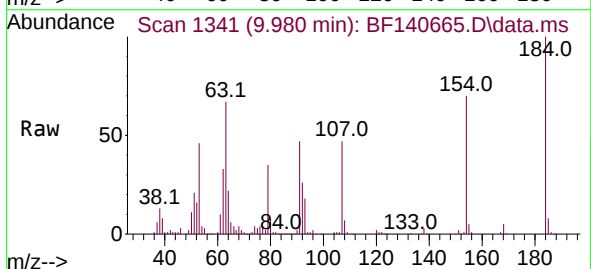
Manual Integrations
APPROVED

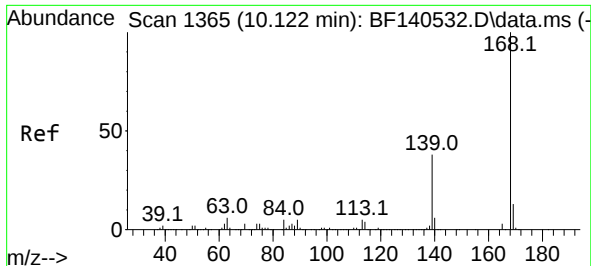
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#54
2,4-Dinitrophenol
Concen: 122.598 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:184 Resp: 148581
Ion Ratio Lower Upper
184 100
63 66.8 54.1 81.1
154 70.1 57.4 86.0





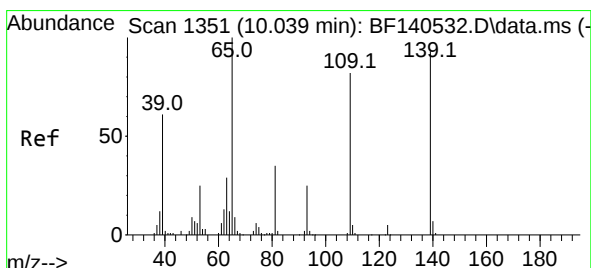
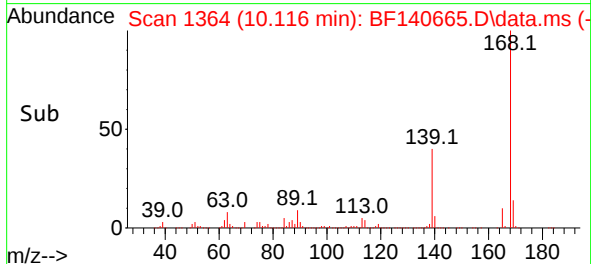
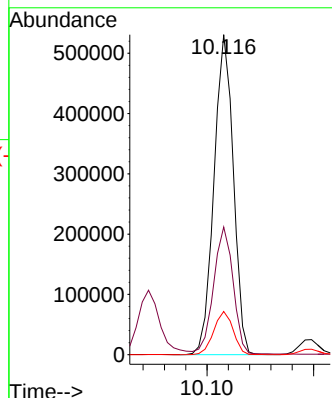
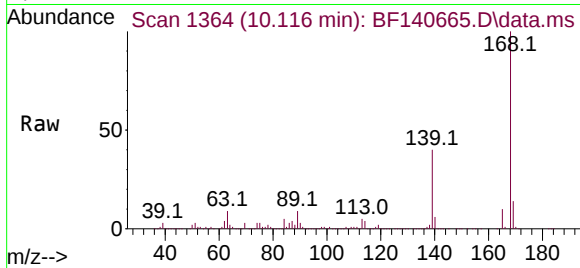
#55
Dibenzenofuran
Concen: 53.430 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:168 Resp: 668270
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.5 10.5 15.7

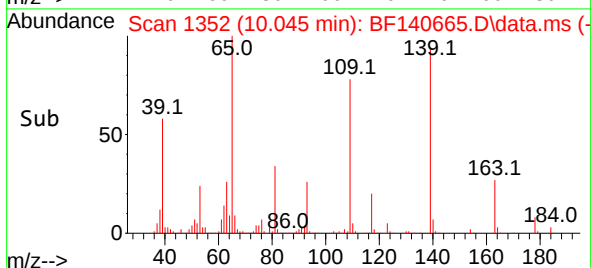
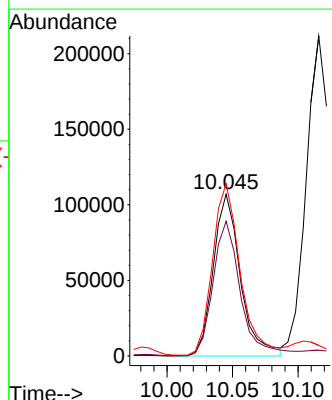
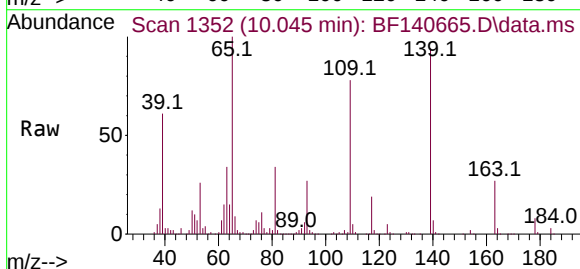
Manual Integrations
APPROVED

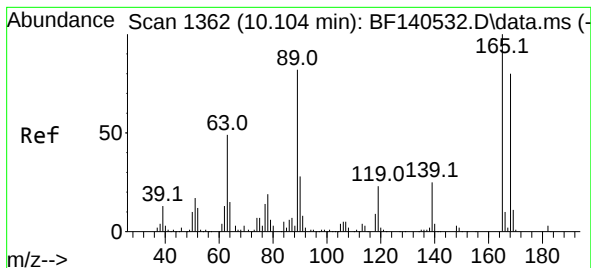
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#56
4-Nitrophenol
Concen: 102.205 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

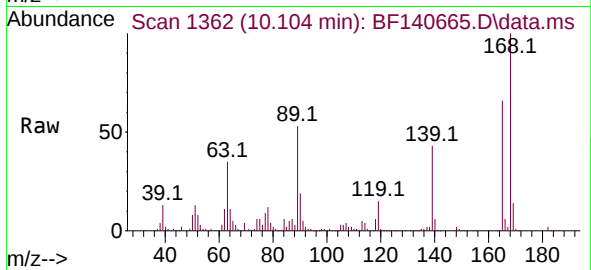
Tgt Ion:139 Resp: 153740
Ion Ratio Lower Upper
139 100
109 83.3 68.4 108.4
65 106.6 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 54.429 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

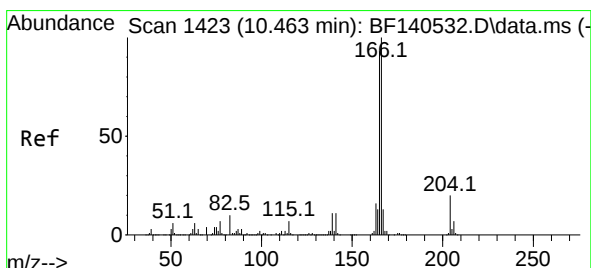
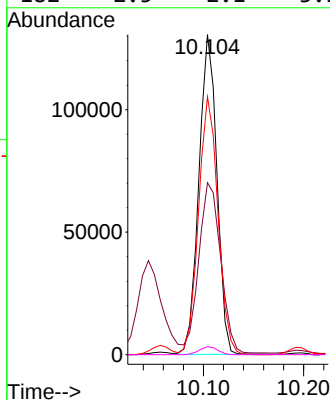
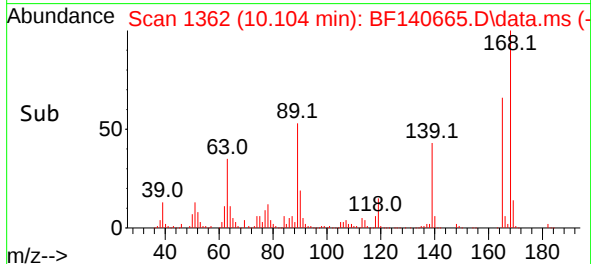
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:165 Resp: 16313
Ion Ratio Lower Upper
165 100
63 53.8 41.7 62.5
89 80.6 65.8 98.8
182 2.5 2.1 3.1

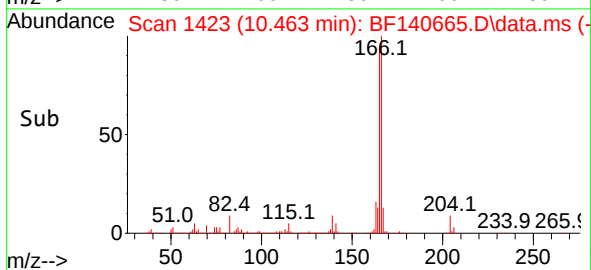
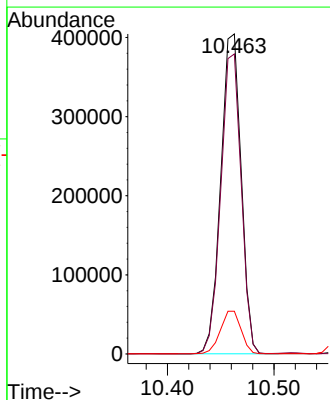
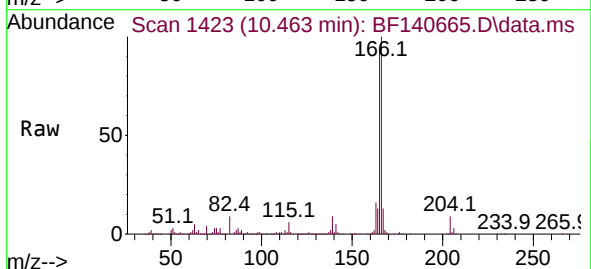
Manual Integrations
APPROVED

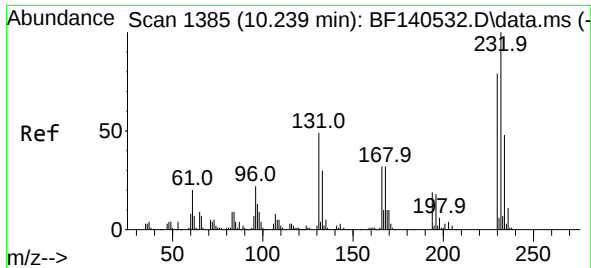
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#58
Fluorene
Concen: 53.449 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

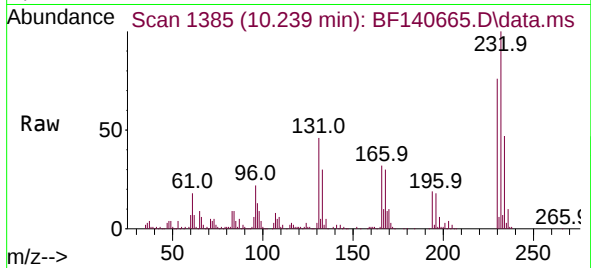
Tgt Ion:166 Resp: 536603
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.029 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

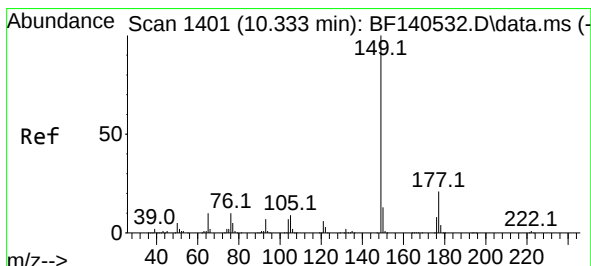
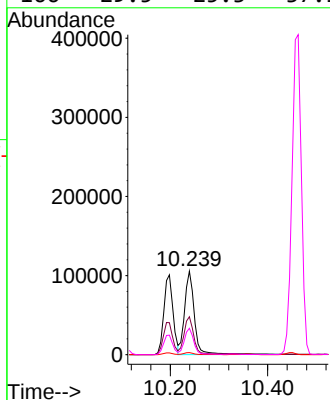
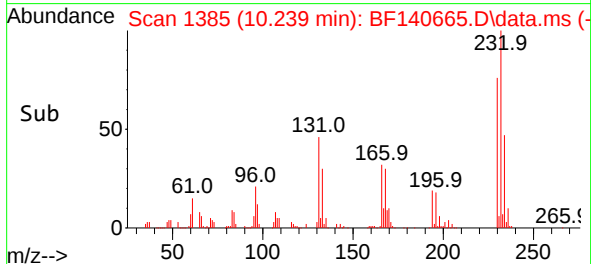
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:232 Resp: 145800
Ion Ratio Lower Upper
232 100
131 43.4 39.6 59.4
130 2.7 1.9 2.9
166 29.5 25.3 37.9

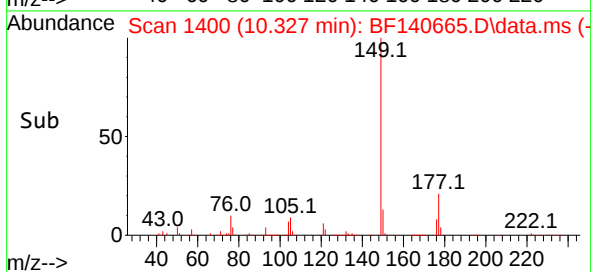
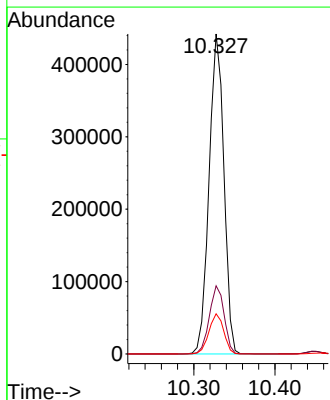
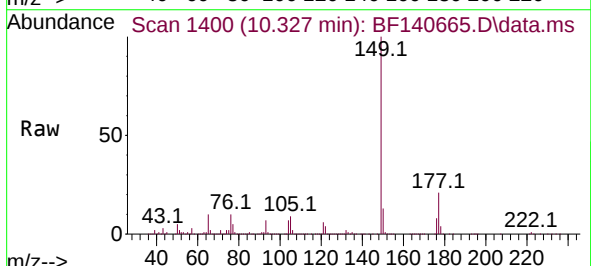
Manual Integrations
APPROVED

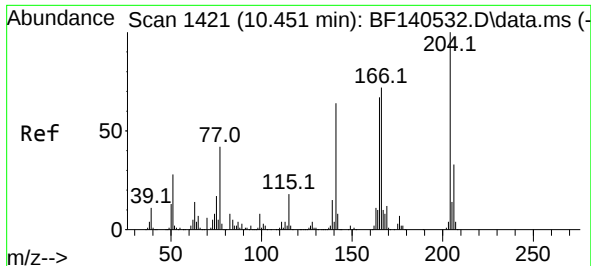
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#60
Diethylphthalate
Concen: 55.389 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:149 Resp: 559584
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.6 10.1 15.1





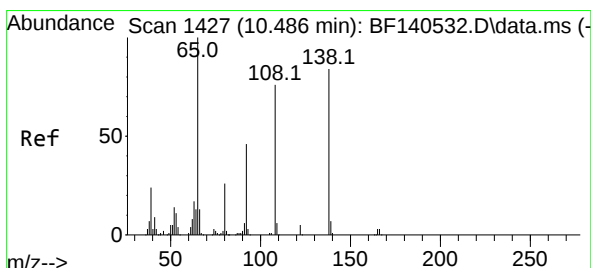
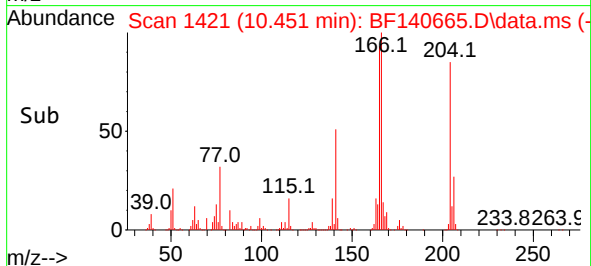
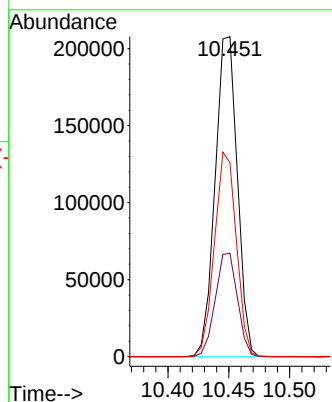
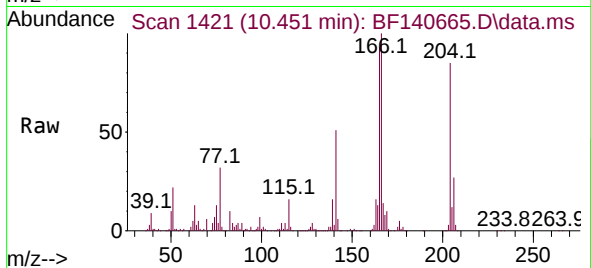
#61
4-Chlorophenyl-phenylether
Concen: 53.646 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:204 Resp: 264310
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 60.7 51.1 76.7

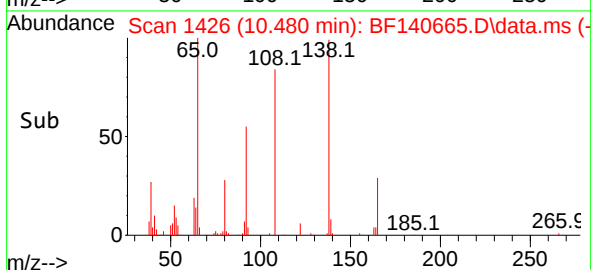
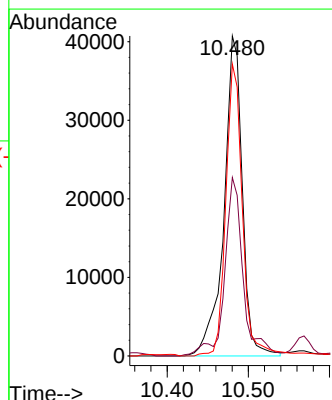
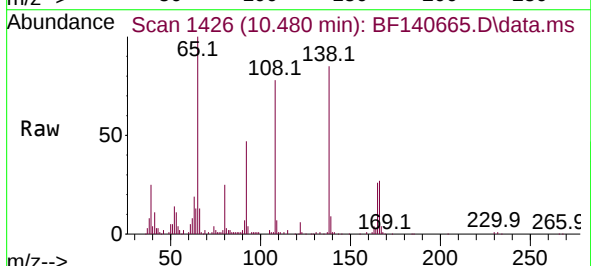
Manual Integrations
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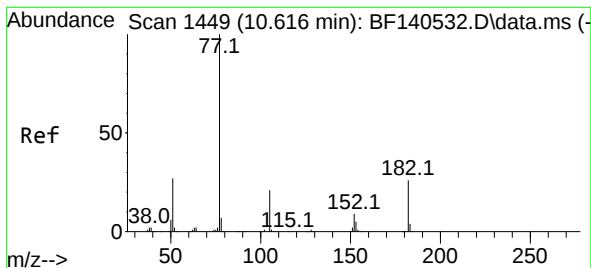
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#62
4-Nitroaniline
Concen: 27.804 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:138 Resp: 64320
Ion Ratio Lower Upper
138 100
92 55.7 34.5 74.5
108 91.2 70.6 110.6





#63

Azobenzene

Concen: 51.274 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

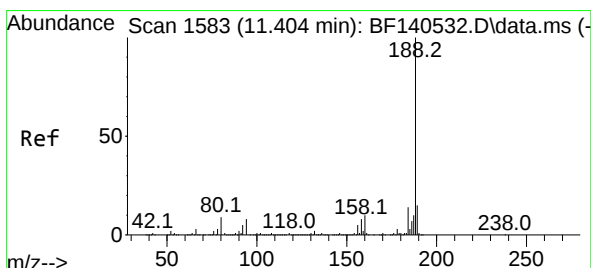
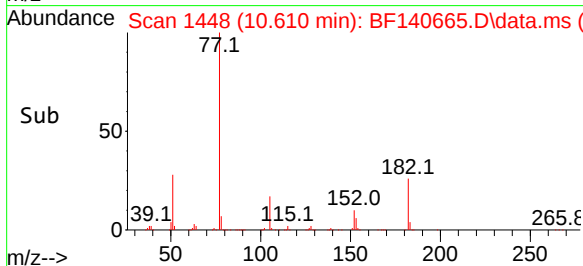
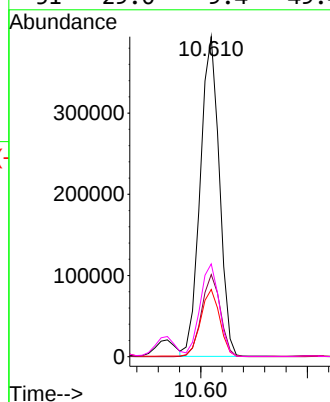
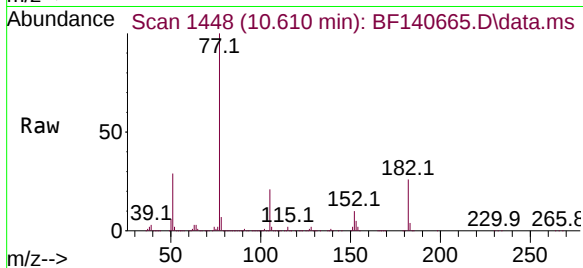
Tgt Ion: 77	Resp: 49055
Ion Ratio	Lower Upper
77 100	
182 25.7	5.3 45.3
105 21.0	0.3 40.3
51 29.0	9.4 49.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

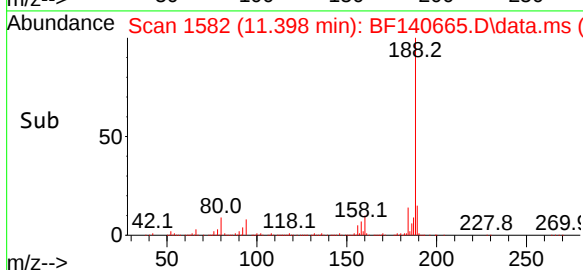
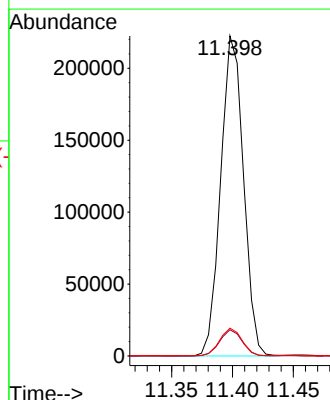
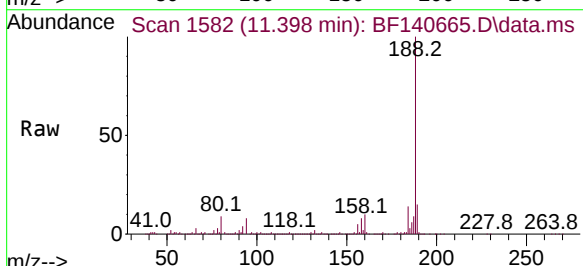
RT: 11.398 min Scan# 1582

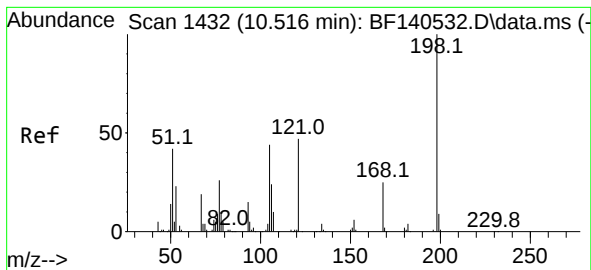
Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Tgt Ion:188	Resp: 289856
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 8.7	6.9 10.3





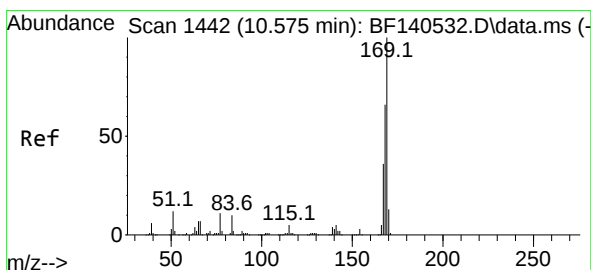
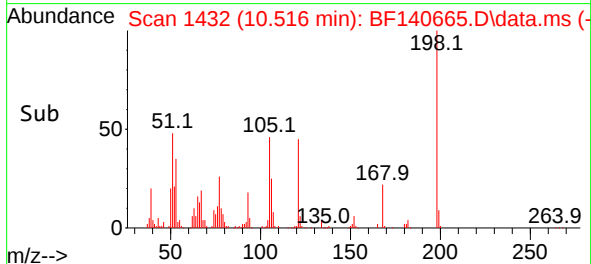
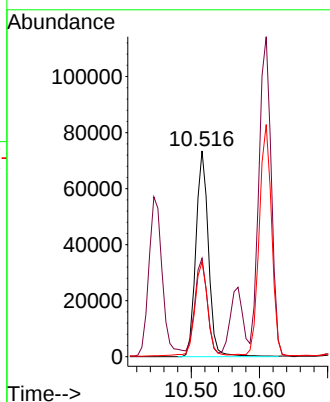
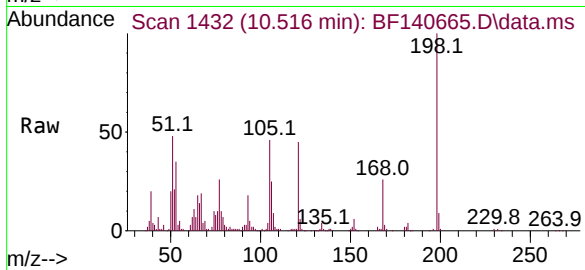
#65
4,6-Dinitro-2-methylphenol
Concen: 63.318 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:198 Resp: 9378
Ion Ratio Lower Upper
198 100
51 47.8 29.4 69.4
105 46.0 25.4 65.4

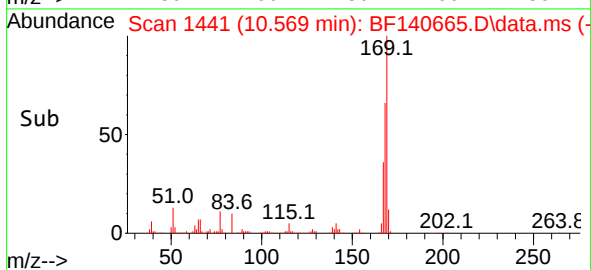
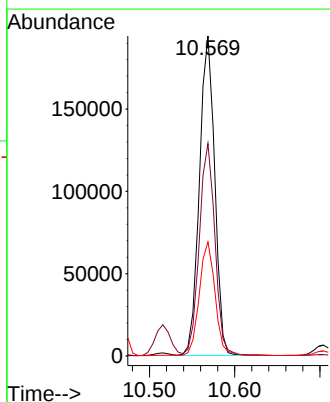
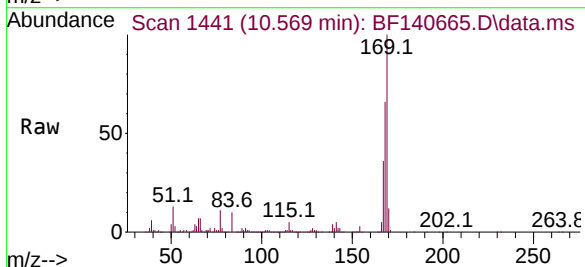
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APPROVED

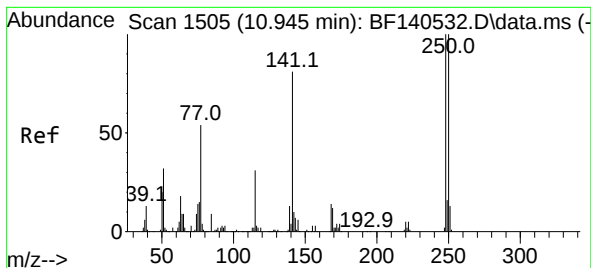
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#66
n-Nitrosodiphenylamine
Concen: 28.261 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

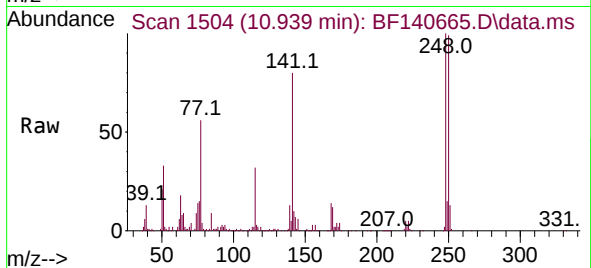
Tgt Ion:169 Resp: 242250
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 35.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 53.200 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

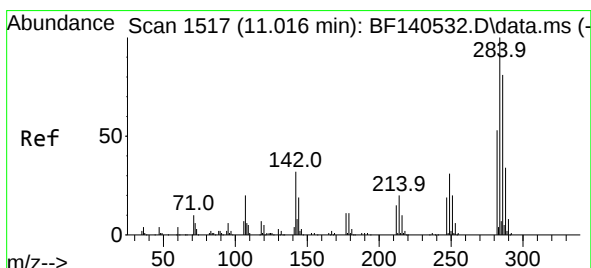
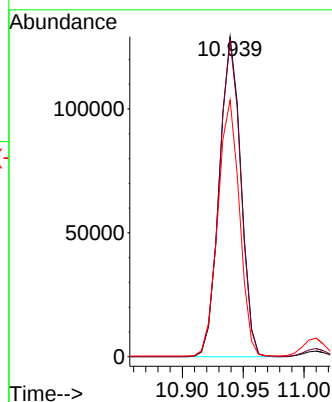
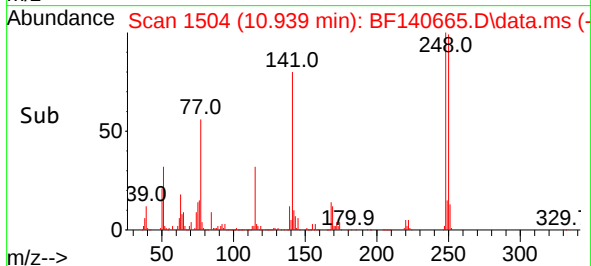
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:248 Resp: 15880
Ion Ratio Lower Upper
248 100
250 98.8 79.8 119.8
141 80.2 64.7 97.1

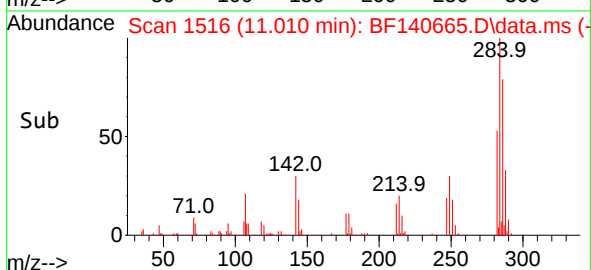
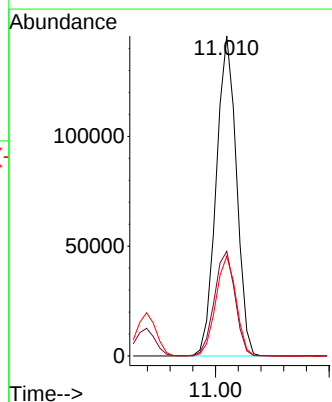
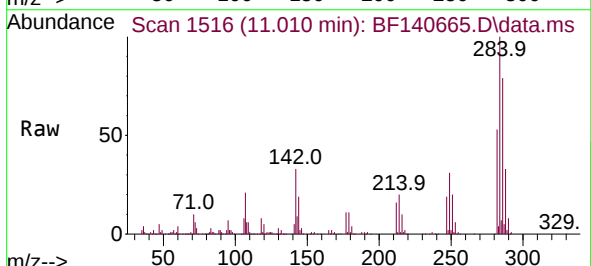
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#68
Hexachlorobenzene
Concen: 52.170 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:284 Resp: 180322
Ion Ratio Lower Upper
284 100
142 32.7 25.3 37.9
249 31.2 24.8 37.2





#69

Atrazine

Concen: 13.272 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

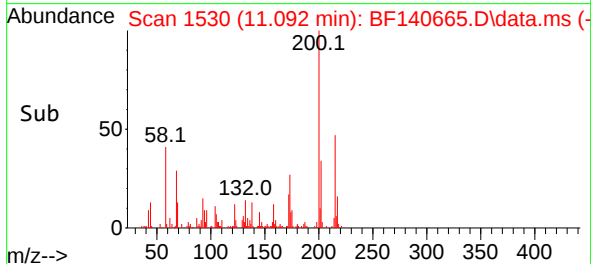
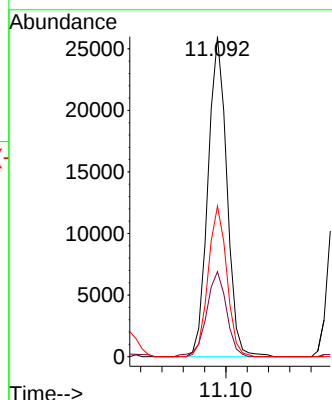
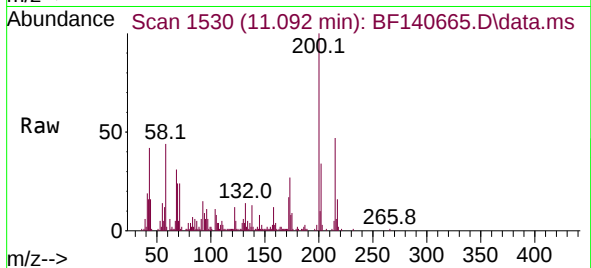
Tgt Ion:200 Resp: 3200
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.0 47.0
 215 47.0 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#70

Pentachlorophenol

Concen: 124.968 ng

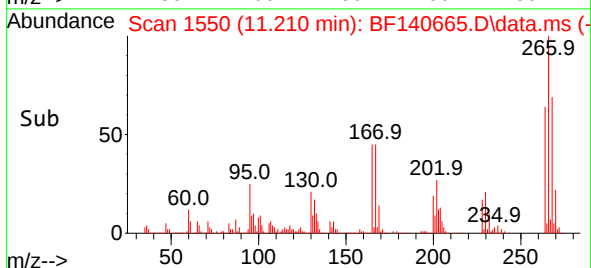
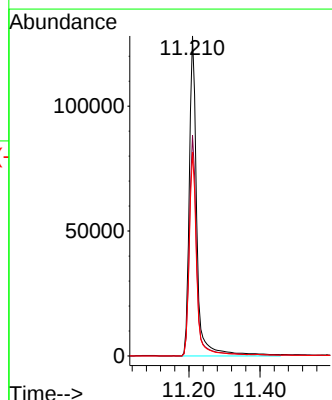
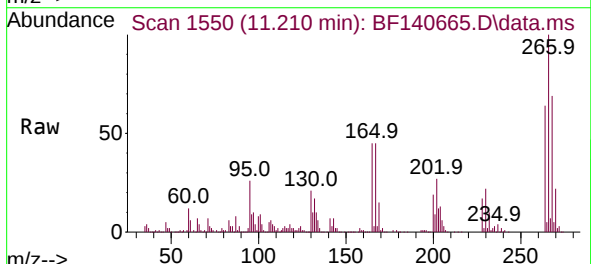
RT: 11.210 min Scan# 1550

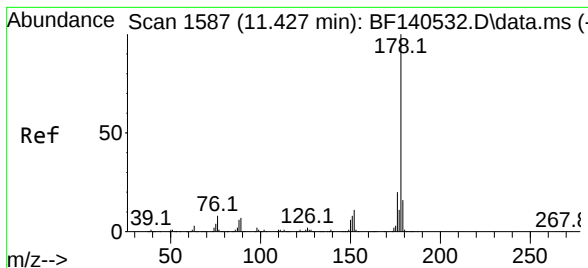
Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

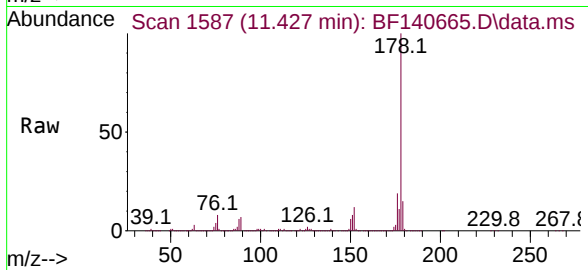
Tgt Ion:266 Resp: 190108
 Ion Ratio Lower Upper
 266 100
 268 68.9 53.7 80.5
 264 63.6 49.8 74.8





#71
Phenanthrene
Concen: 53.961 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

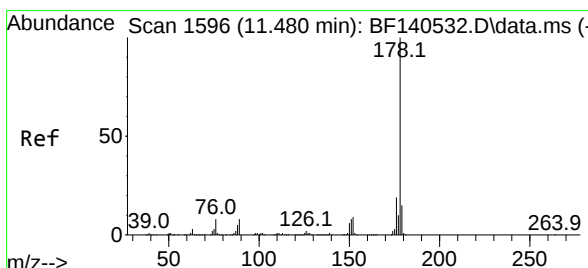
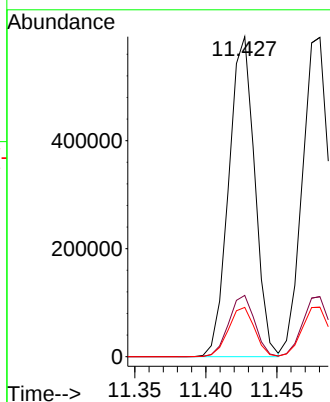
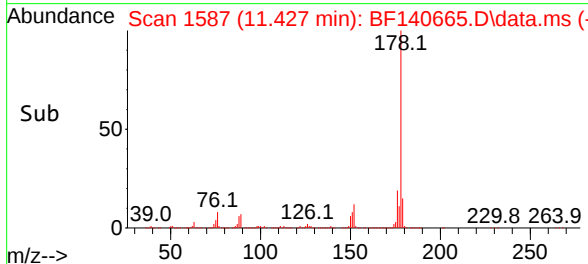
Instrument :
BNA_F
ClientSampleId :
MH-732MS



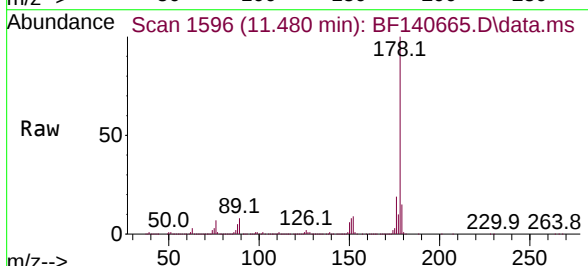
Tgt Ion:178 Resp: 75184
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.4 12.4 18.6

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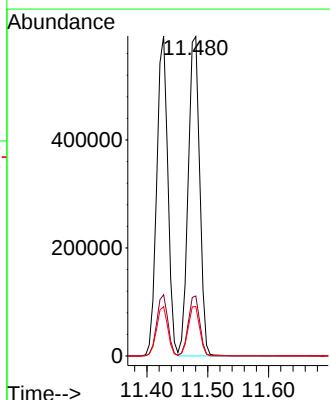
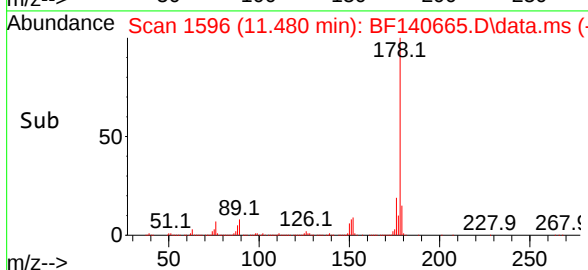
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

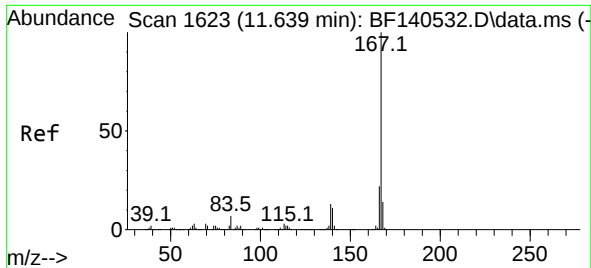


#72
Anthracene
Concen: 57.063 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



Tgt Ion:178 Resp: 777728
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.2 18.4





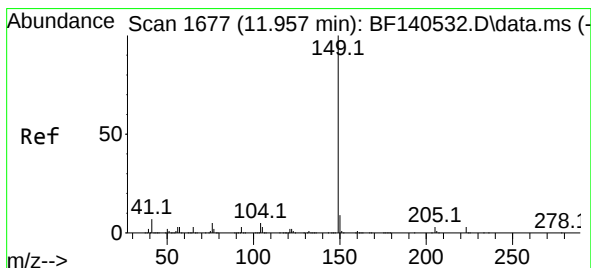
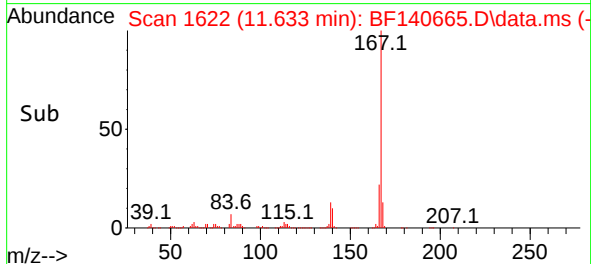
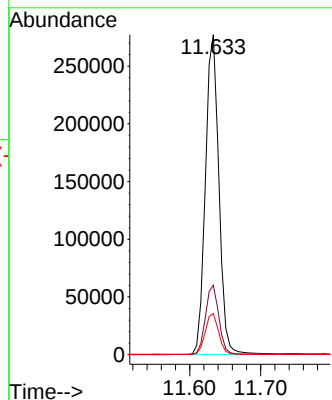
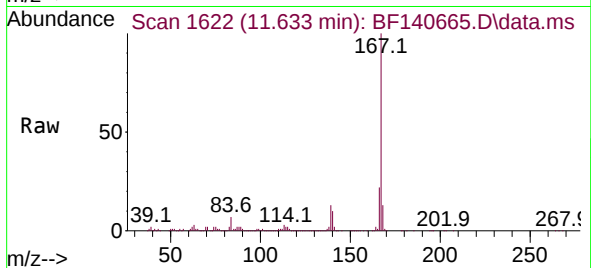
#73
Carbazole
Concen: 27.907 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:167 Resp: 36589
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 12.8 10.6 15.8

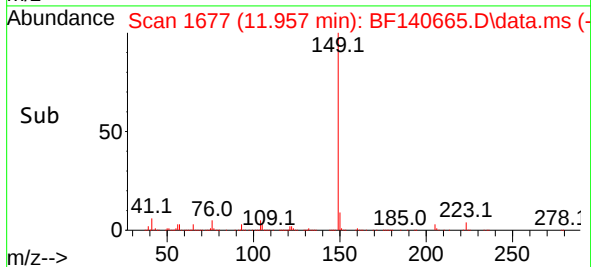
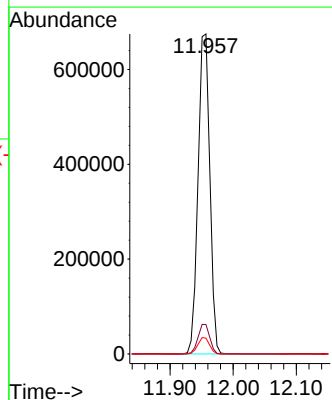
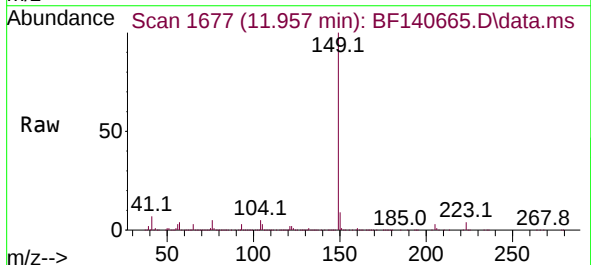
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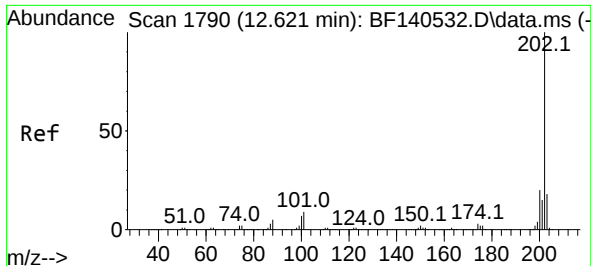
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#74
Di-n-butylphthalate
Concen: 57.545 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

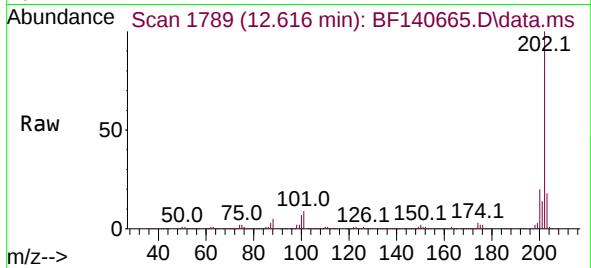
Tgt Ion:149 Resp: 871058
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 53.910 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

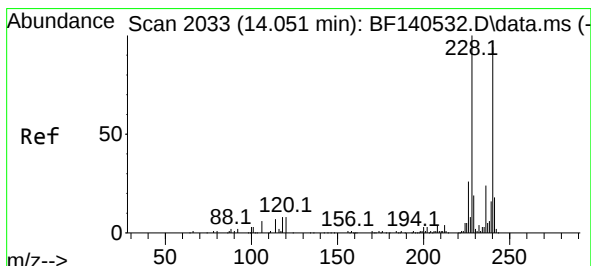
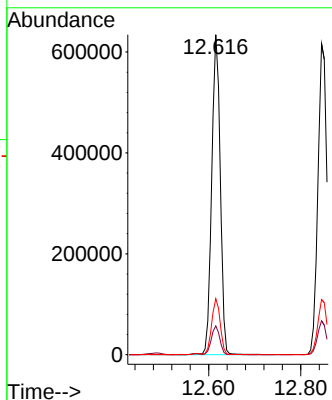
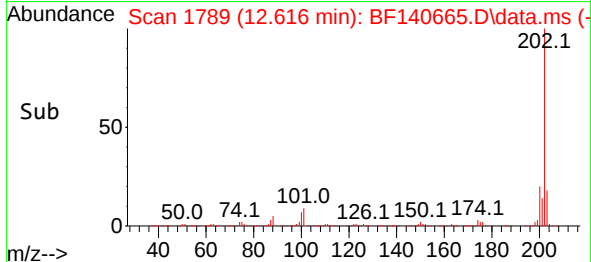
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:202 Resp: 81554
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.5 0.0 37.6

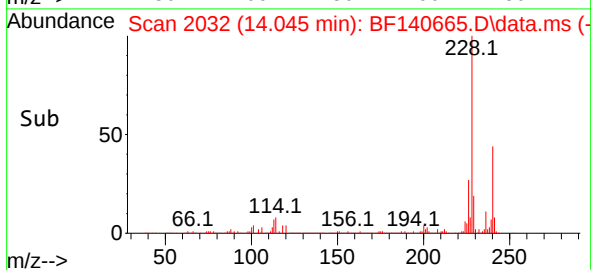
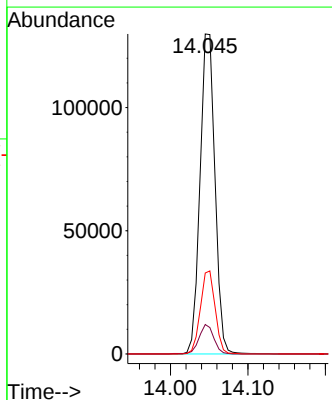
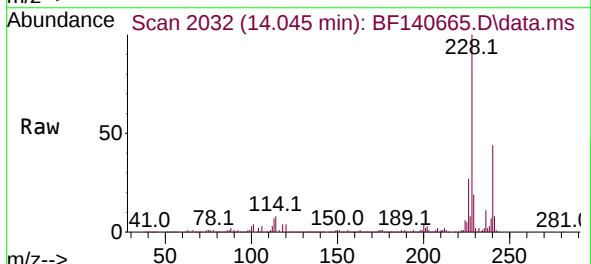
Manual Integrations
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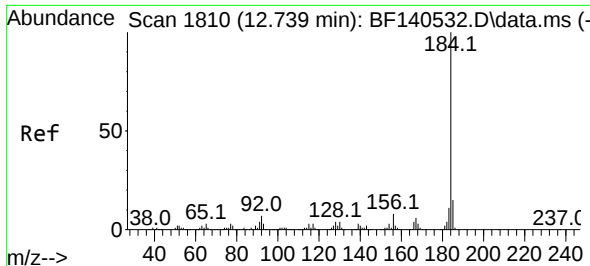
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

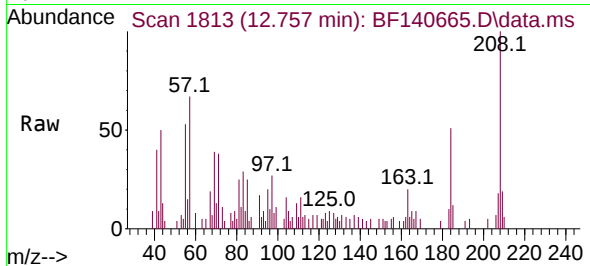
Tgt Ion:240 Resp: 174005
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.3 20.6 31.0





#77
Benzidine
Concen: 2.203 ng m
RT: 12.757 min Scan# 1813
Delta R.T. 0.018 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

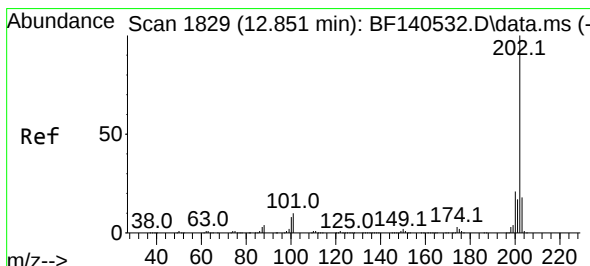
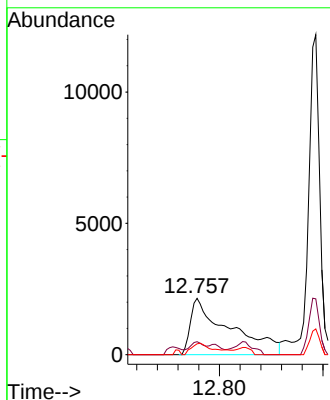
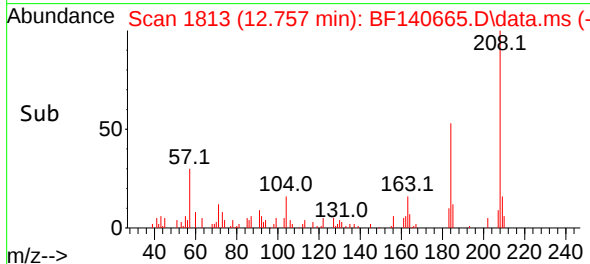
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:184 Resp: 11140
Ion Ratio Lower Upper
184 100
185 23.1 11.7 17.5
183 19.4 8.8 13.2

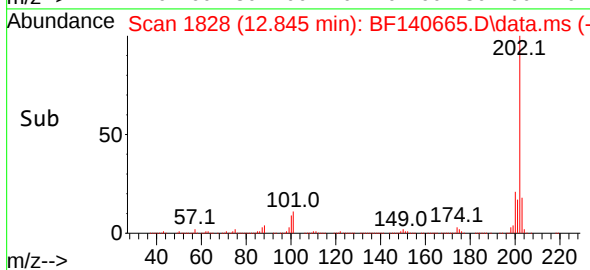
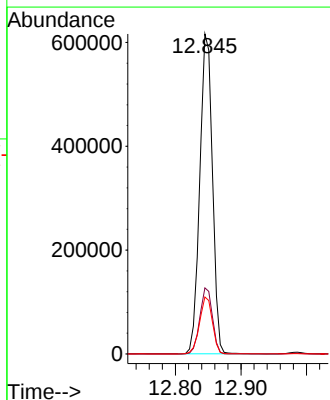
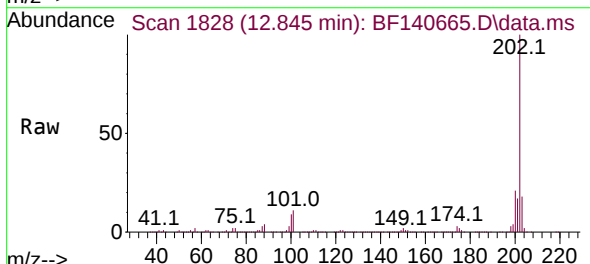
Manual Integrations
APPROVED

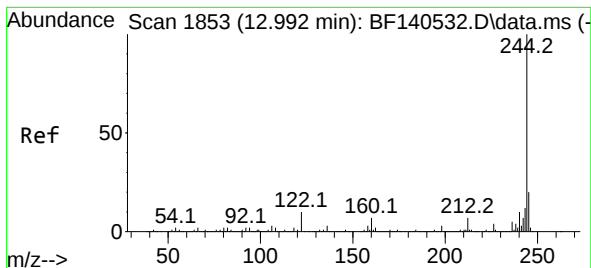
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#78
Pyrene
Concen: 51.569 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:202 Resp: 829683
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 100.800 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140665.D

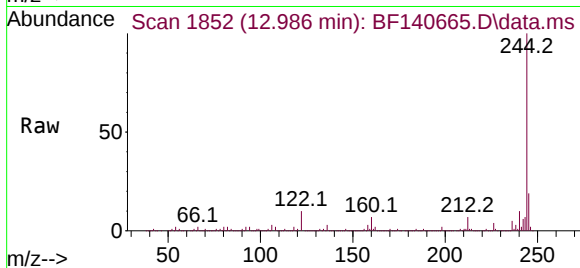
Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS



Tgt Ion:244 Resp: 112641

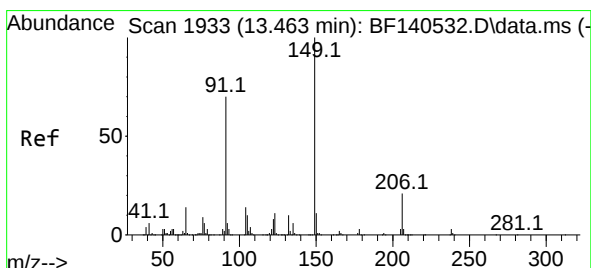
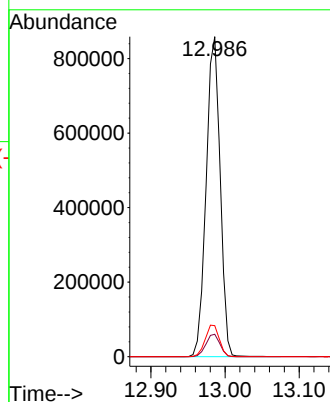
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.7	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#80

Butylbenzylphthalate

Concen: 56.407 ng

RT: 13.457 min Scan# 1932

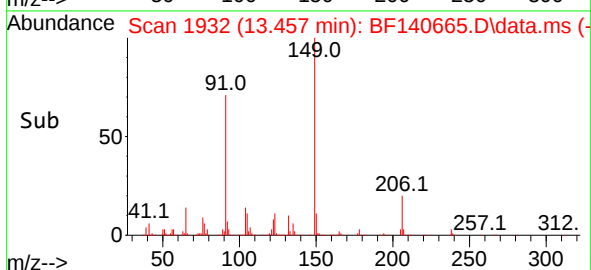
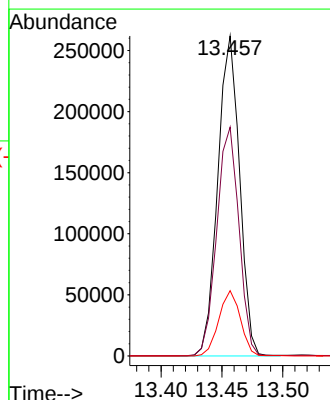
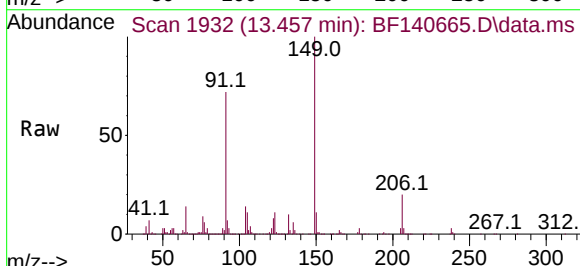
Delta R.T. -0.006 min

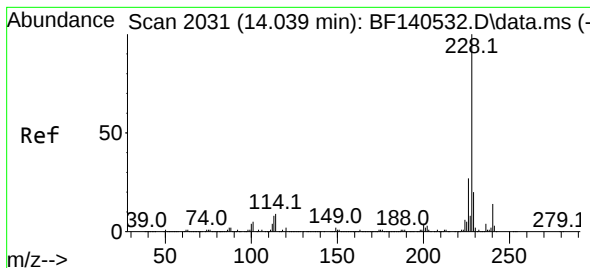
Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Tgt Ion:149 Resp: 326928

Ion	Ratio	Lower	Upper
149	100		
91	71.5	56.2	84.2
206	20.4	16.4	24.6





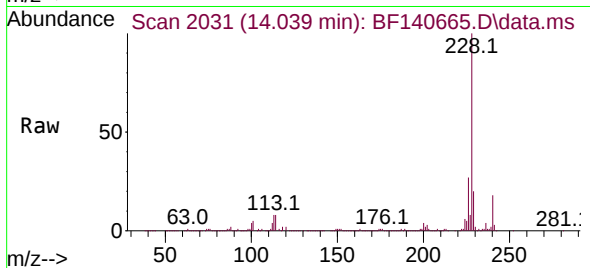
#81
Benzo(a)anthracene
Concen: 54.966 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

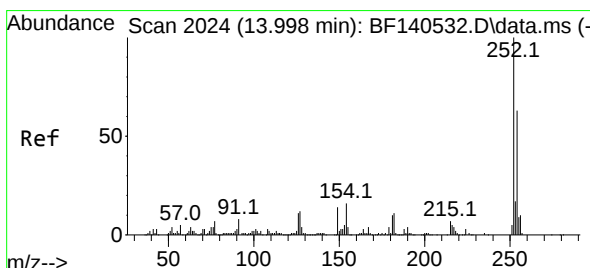
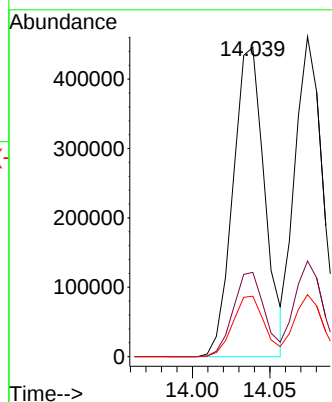
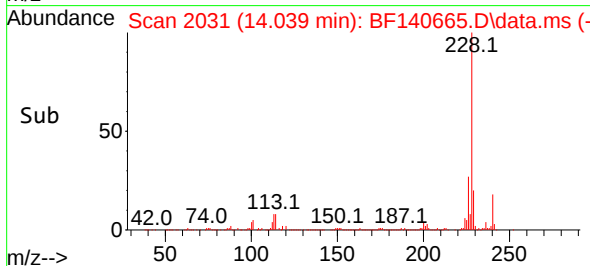


Tgt Ion:228 Resp: 633120
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 15.8 23.6

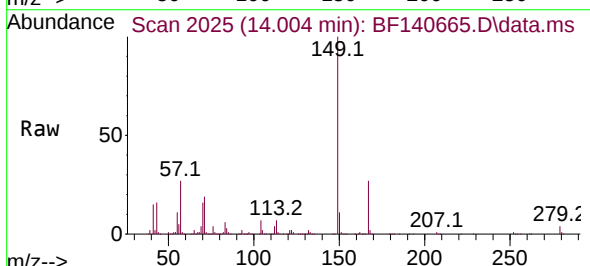
Manual Integrations

APPROVED

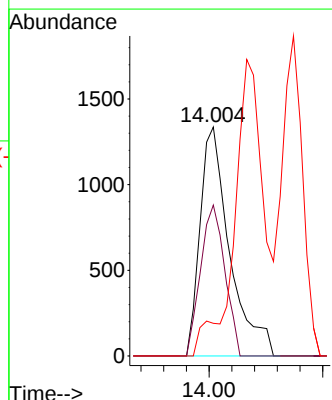
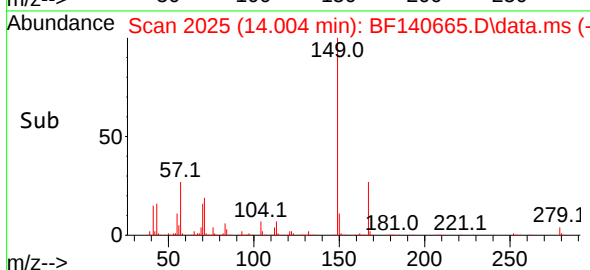
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#82
3,3'-Dichlorobenzidine
Concen: 0.697 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



Tgt Ion:252 Resp: 2412
Ion Ratio Lower Upper
252 100
254 65.9 50.8 76.2
126 14.3 8.6 13.0#





#83

Chrysene

Concen: 54.342 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

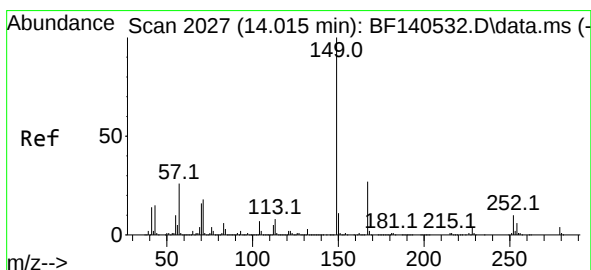
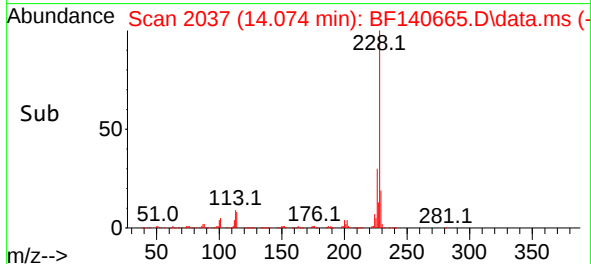
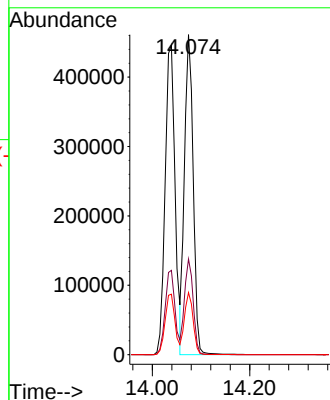
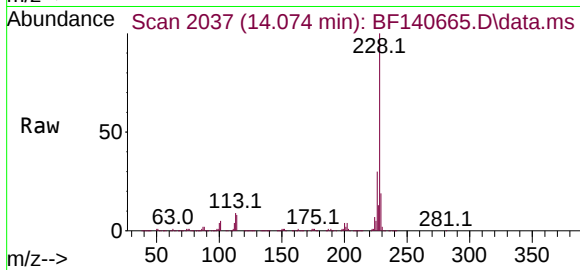
Tgt Ion:	228	Resp:	57234
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.4	36.6
229	19.4	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.382 ng

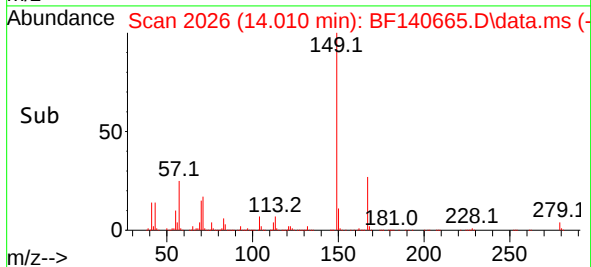
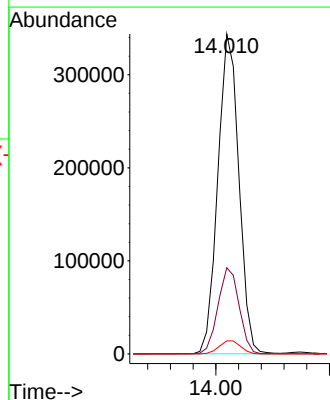
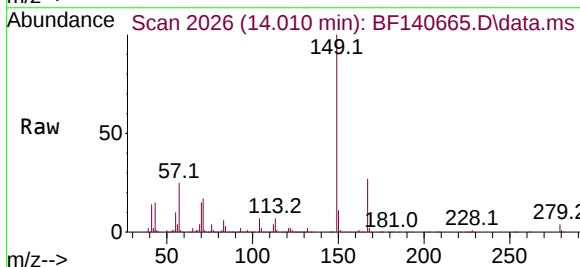
RT: 14.010 min Scan# 2026

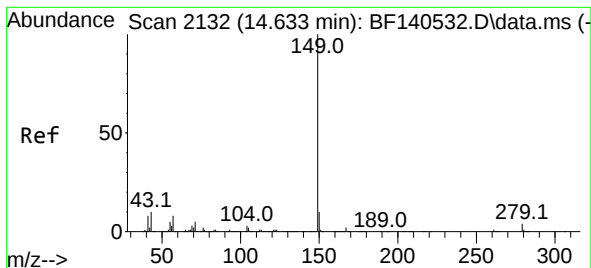
Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Tgt Ion:	149	Resp:	441902
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.2	31.8
279	4.1	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 63.852 ng

RT: 14.633 min Scan# 2132

Delta R.T. -0.000 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion:149 Resp: 63862

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

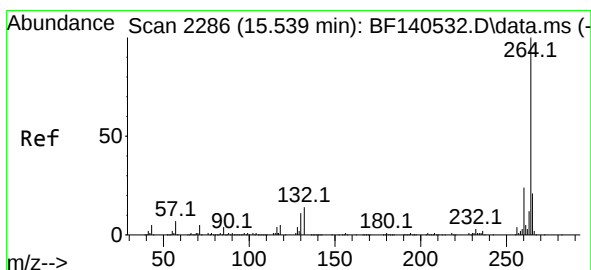
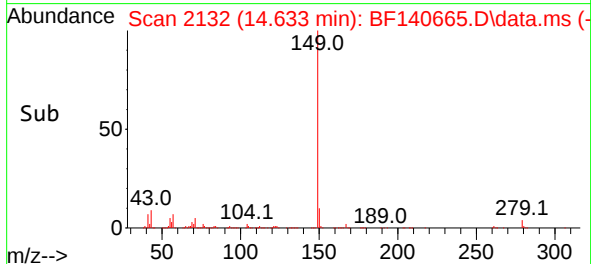
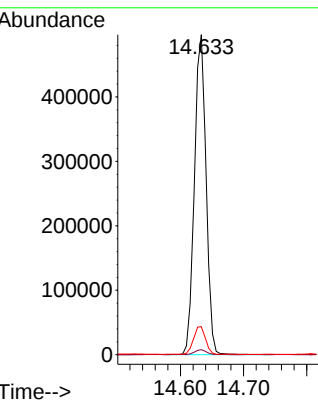
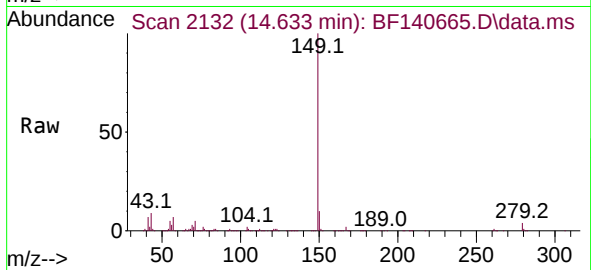
43 9.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140665.D

Acq: 27 Nov 2024 13:11

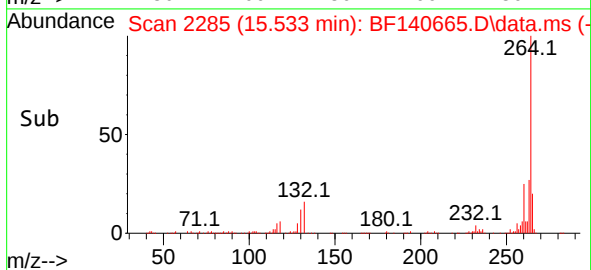
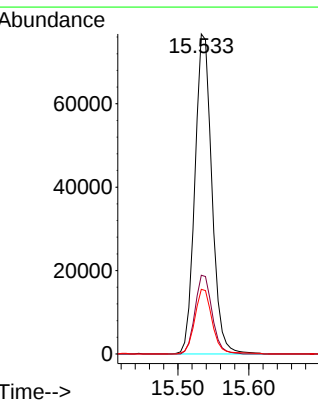
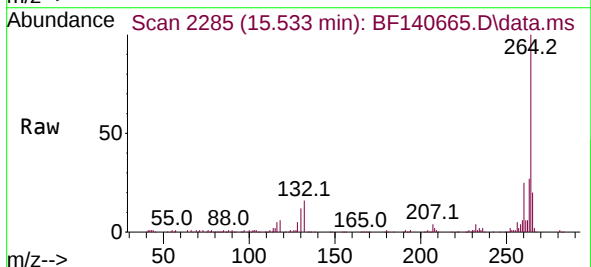
Tgt Ion:264 Resp: 127572

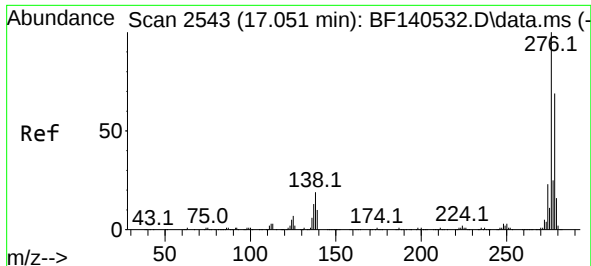
Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 20.2 16.6 25.0





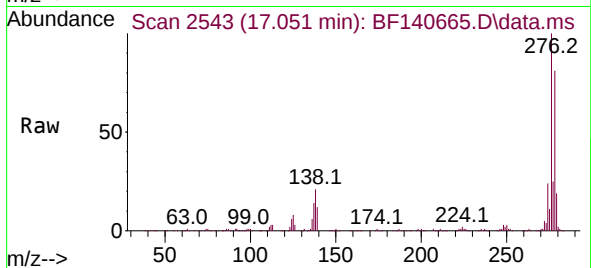
#87
Indeno(1,2,3-cd)pyrene
Concen: 69.034 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

MH-732MS



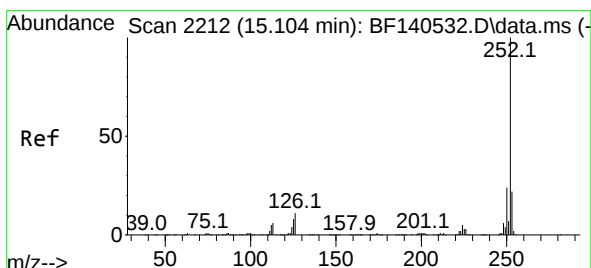
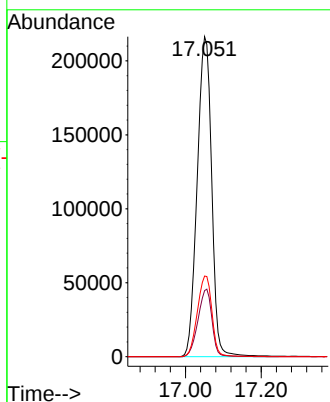
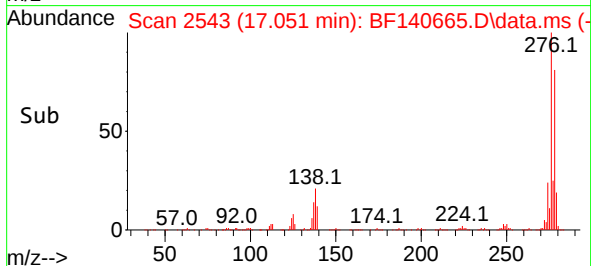
Tgt Ion:276 Resp: 57393
Ion Ratio Lower Upper
276 100
138 20.3 15.5 23.3
277 25.3 20.1 30.1

Manual Integrations

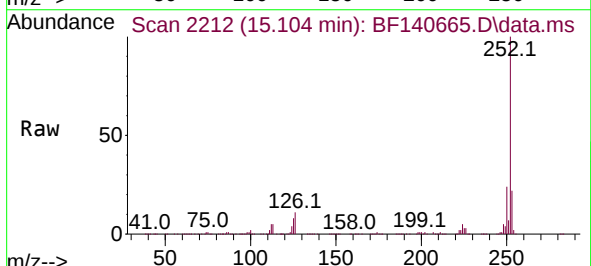
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

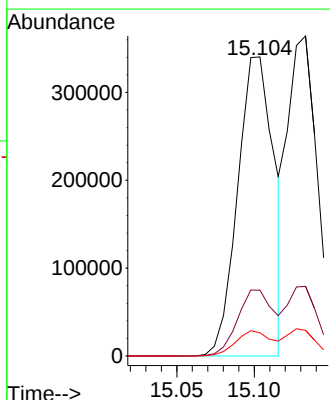
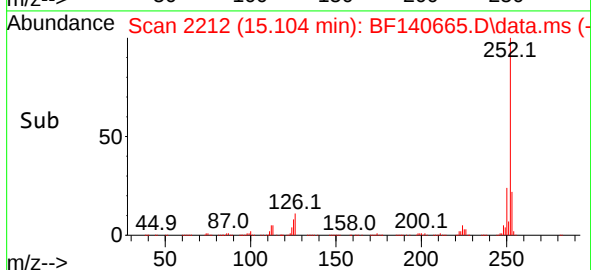
Supervised By :mohammad ahmed 11/29/2024

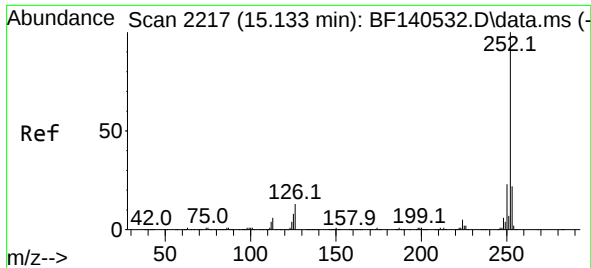


#88
Benzo(b)fluoranthene
Concen: 69.195 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11



Tgt Ion:252 Resp: 554460
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 7.8 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 70.116 ng
RT: 15.133 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

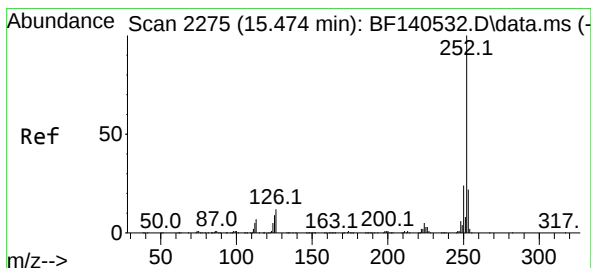
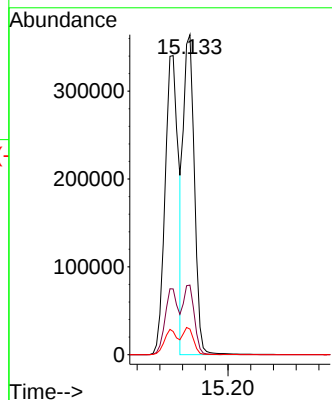
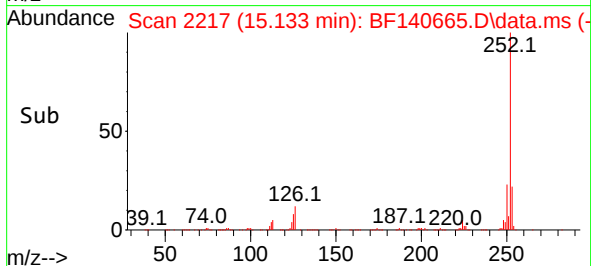
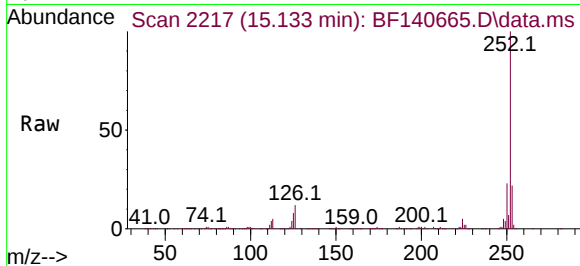
MH-732MS

Tgt Ion:252 Resp: 491658
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.0 6.5 9.7

Manual Integrations

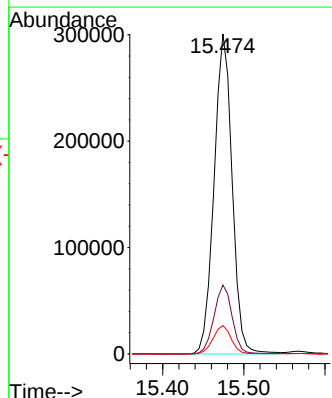
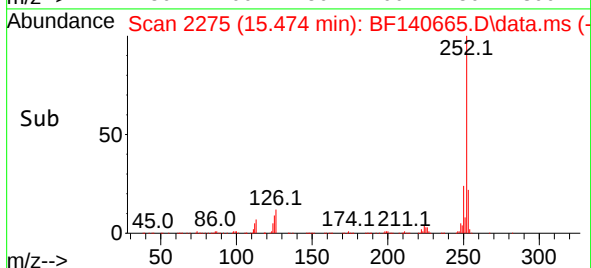
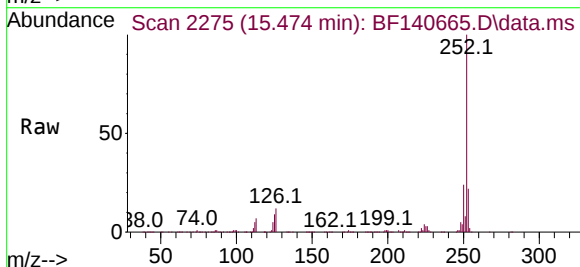
APPROVED

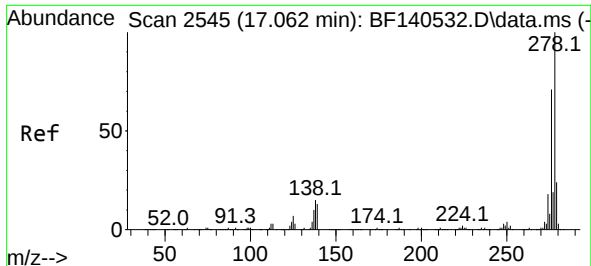
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#90
Benzo(a)pyrene
Concen: 71.381 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:252 Resp: 465058
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 8.8 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 71.362 ng
RT: 17.062 min Scan# 2545
Delta R.T. -0.000 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Instrument :

BNA_F

ClientSampleId :

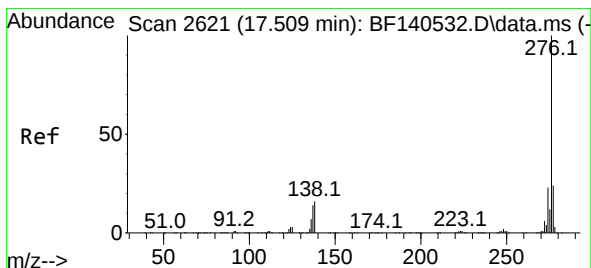
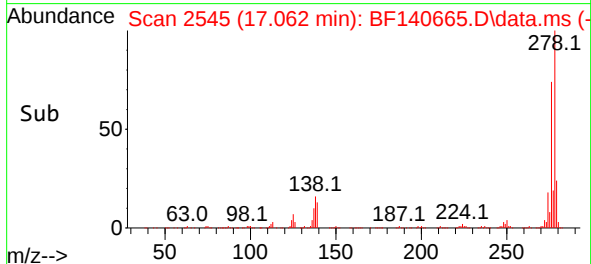
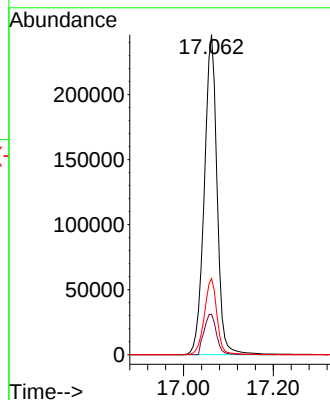
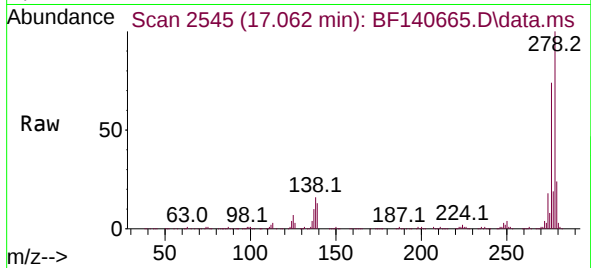
MH-732MS

Tgt Ion:278 Resp: 485870
Ion Ratio Lower Upper
278 100
139 12.7 10.2 15.4
279 23.8 18.9 28.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#92
Benzo(g,h,i)perylene
Concen: 59.122 ng
RT: 17.503 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140665.D
Acq: 27 Nov 2024 13:11

Tgt Ion:276 Resp: 410767
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 16.8 13.2 19.8

