

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140683.D
 Acq On : 02 Dec 2024 11:23
 Operator : RC/JU
 Sample : PB165296BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165296BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 02 11:48:00 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	84060	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	323501	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	181370	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	351850	20.000	ng	0.00
76) Chrysene-d12	14.063	240	225717	20.000	ng	0.01
86) Perylene-d12	15.580	264	182835	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	636662	129.227	ng	0.01
7) Phenol-d6	6.516	99	841109	129.139	ng	0.00
23) Nitrobenzene-d5	7.434	82	548153	86.671	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	260220	134.150	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1065831	87.557	ng	0.00
79) Terphenyl-d14	12.986	244	1268336	87.497	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	85394	41.225	ng	98
3) Pyridine	3.504	79	206641	45.340	ng	98
4) n-Nitrosodimethylamine	3.457	42	117073	43.706	ng	94
6) Aniline	6.534	93	205213	44.764	ng	# 77
8) 2-Chlorophenol	6.663	128	261176	49.275	ng	95
9) Benzaldehyde	6.422	77	101418	29.414	ng	99
10) Phenol	6.528	94	321437	48.324	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	239740	47.100	ng	100
12) 1,3-Dichlorobenzene	6.810	146	268958	45.159	ng	99
13) 1,4-Dichlorobenzene	6.887	146	276129	45.789	ng	100
14) 1,2-Dichlorobenzene	7.039	146	264067	46.731	ng	99
15) Benzyl Alcohol	7.016	79	238782	49.436	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	291227	48.431	ng	88
17) 2-Methylphenol	7.128	107	203823	48.038	ng	98
18) Hexachloroethane	7.381	117	101338	44.993	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	183293	47.617	ng	97
20) 3+4-Methylphenols	7.281	107	268055	49.152	ng	95
22) Acetophenone	7.281	105	350806	44.480	ng	98
24) Nitrobenzene	7.457	77	285214	43.633	ng	97
25) Isophorone	7.692	82	497047	47.119	ng	99
26) 2-Nitrophenol	7.769	139	137930	47.616	ng	97
27) 2,4-Dimethylphenol	7.804	122	208836m	60.255	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	298179	46.399	ng	99
29) 2,4-Dichlorophenol	8.016	162	221065	48.136	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	231287	44.108	ng	99
31) Naphthalene	8.175	128	761156	45.679	ng	99
32) Benzoic acid	7.945	122	112150	38.805	ng	97
33) 4-Chloroaniline	8.222	127	134593	26.978	ng	100
34) Hexachlorobutadiene	8.286	225	152624	43.944	ng	99
35) Caprolactam	8.598	113	68771m	48.388	ng	
36) 4-Chloro-3-methylphenol	8.716	107	245034	47.654	ng	98
37) 2-Methylnaphthalene	8.863	142	503409	47.564	ng	100
38) 1-Methylnaphthalene	8.963	142	466456	44.963	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	244163	45.985	ng	99
41) Hexachlorocyclopentadiene	9.016	237	194939	155.740	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	155451	46.658	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140683.D
 Acq On : 02 Dec 2024 11:23
 Operator : RC/JU
 Sample : PB165296BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165296BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 02 11:48:00 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)
44) 2,4,5-Trichlorophenol	9.192	196	164672	45.541	ng	98
46) 1,1'-Biphenyl	9.328	154	634327	46.844	ng	100
47) 2-Chloronaphthalene	9.357	162	475486	46.341	ng	98
48) 2-Nitroaniline	9.457	65	155098	47.093	ng	95
49) Acenaphthylene	9.769	152	770537	49.703	ng	99
50) Dimethylphthalate	9.628	163	568671	47.608	ng	100
51) 2,6-Dinitrotoluene	9.698	165	122044	45.051	ng	94
52) Acenaphthene	9.945	154	469075	47.620	ng	100
53) 3-Nitroaniline	9.869	138	77288	29.170	ng	96
54) 2,4-Dinitrophenol	9.986	184	111661	79.626	ng	95
55) Dibenzofuran	10.116	168	712544	47.424	ng	100
56) 4-Nitrophenol	10.045	139	161998	89.650	ng	95
57) 2,4-Dinitrotoluene	10.104	165	173587	48.213	ng	97
58) Fluorene	10.457	166	570177	47.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	142991	51.455	ng	93
60) Diethylphthalate	10.327	149	580252	47.811	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	276657	46.744	ng	99
62) 4-Nitroaniline	10.486	138	131072	47.167	ng	95
63) Azobenzene	10.610	77	543798	47.316	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	87923	48.901	ng	98
66) n-Nitrosodiphenylamine	10.569	169	490603	47.150	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	165858	45.773	ng	97
68) Hexachlorobenzene	11.010	284	194592	46.379	ng	99
69) Atrazine	11.098	200	164709	56.269	ng	99
70) Pentachlorophenol	11.210	266	159519	86.384	ng	99
71) Phenanthrene	11.427	178	805195	47.608	ng	99
72) Anthracene	11.480	178	822267	49.701	ng	100
73) Carbazole	11.633	167	769341	48.339	ng	99
74) Di-n-butylphthalate	11.951	149	892443	48.570	ng	100
75) Fluoranthene	12.616	202	927623	50.515	ng	99
77) Benzidine	12.739	184	200804	30.598	ng	99
78) Pyrene	12.845	202	961001	46.046	ng	99
80) Butylbenzylphthalate	13.457	149	353715	47.047	ng	98
81) Benzo(a)anthracene	14.051	228	719595	48.161	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	121565	27.099	ng	98
83) Chrysene	14.092	228	662894	48.520	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	467704	49.266	ng	99
85) Di-n-octyl phthalate	14.668	149	675525	52.067	ng	97
87) Indeno(1,2,3-cd)pyrene	17.104	276	566967	47.584	ng	97
88) Benzo(b)fluoranthene	15.145	252	542277	47.220	ng	99
89) Benzo(k)fluoranthene	15.174	252	491611	48.918	ng	100
90) Benzo(a)pyrene	15.521	252	488885	52.357	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	462916	47.439	ng	100
92) Benzo(g,h,i)perylene	17.556	276	436948	43.881	ng	98

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

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

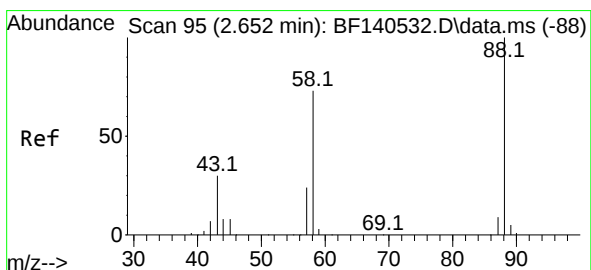
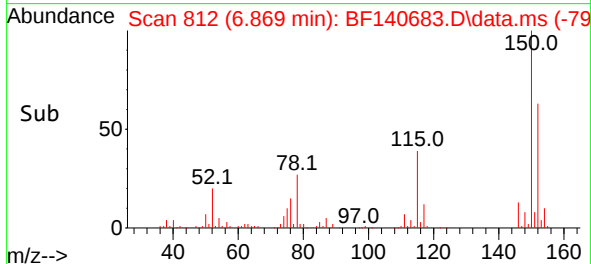
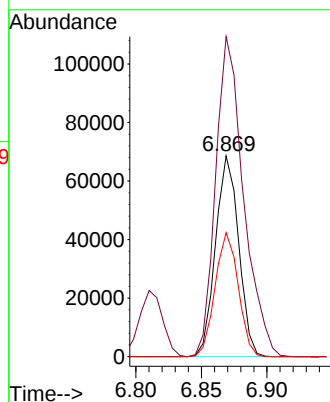
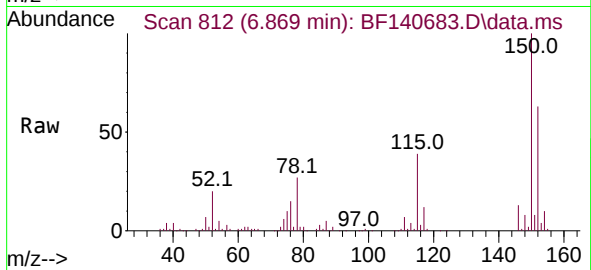
PB165296BS

Tgt Ion:152 Resp: 84060
Ion Ratio Lower Upper
152 100
150 159.4 128.5 192.7
115 61.7 50.2 75.4

Manual Integrations

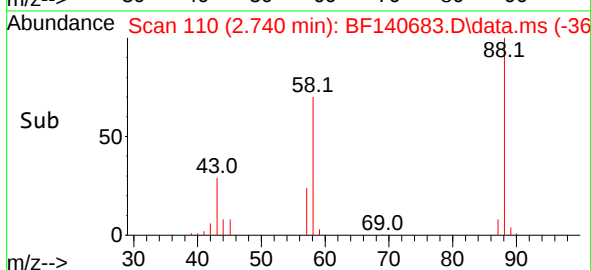
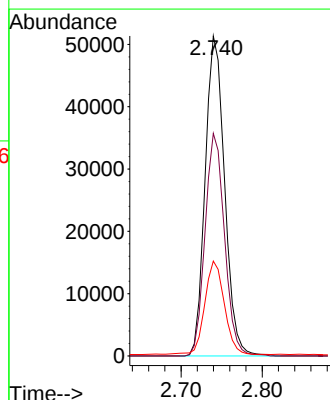
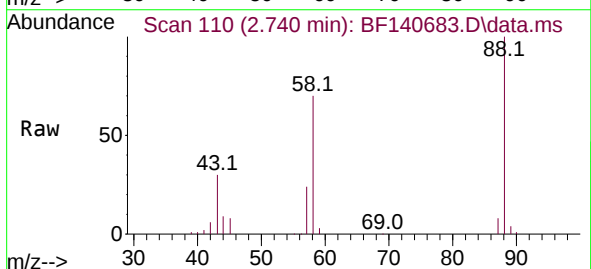
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#2
1,4-Dioxane
Concen: 41.225 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.088 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion: 88 Resp: 85394
Ion Ratio Lower Upper
88 100
58 69.6 57.4 86.2
43 29.5 24.3 36.5





#3
Pyridine
Concen: 45.340 ng
RT: 3.504 min Scan# 240
Delta R.T. 0.082 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

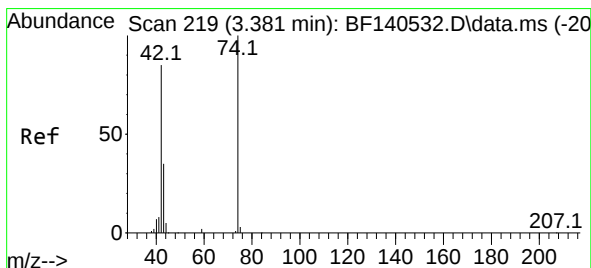
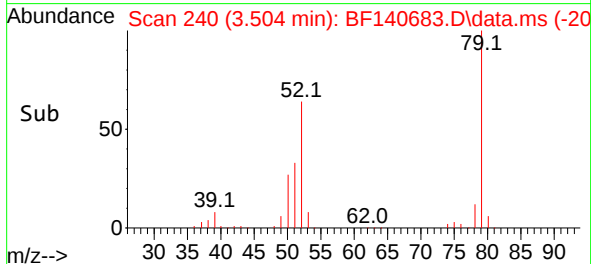
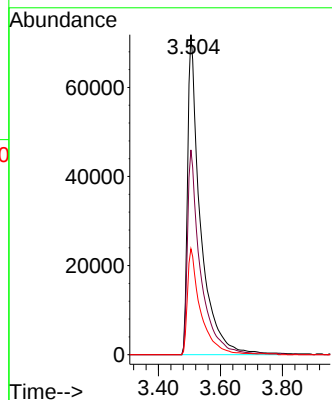
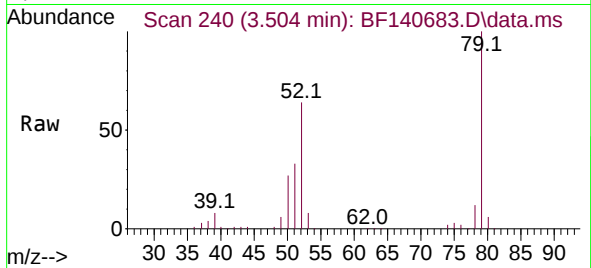
ClientSampleId :

PB165296BS

Tgt Ion: 79 Resp: 20664
Ion Ratio Lower Upper
79 100
52 64.0 52.1 78.1
51 33.1 27.8 41.8

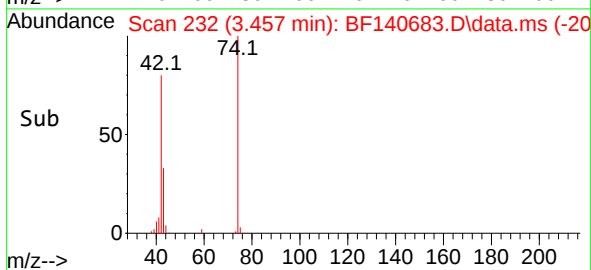
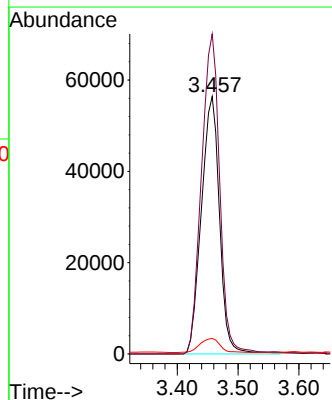
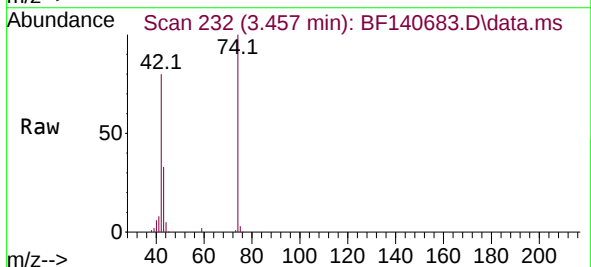
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#4
n-Nitrosodimethylamine
Concen: 43.706 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.076 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion: 42 Resp: 117073
Ion Ratio Lower Upper
42 100
74 124.3 93.8 140.6
44 6.0 4.6 6.8





#5
2-Fluorophenol
Concen: 129.227 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

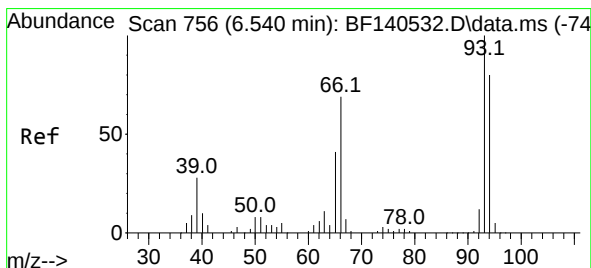
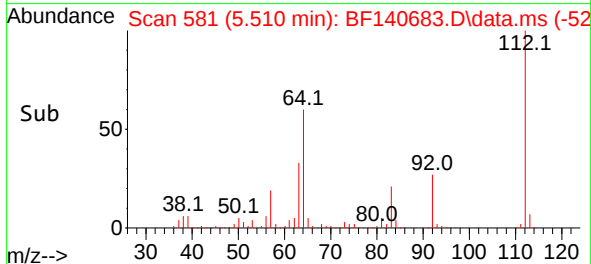
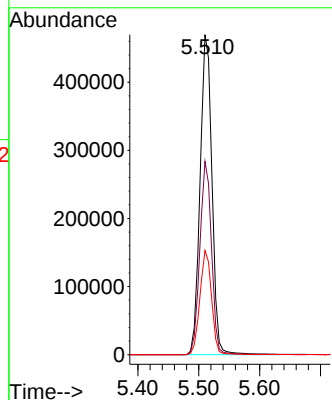
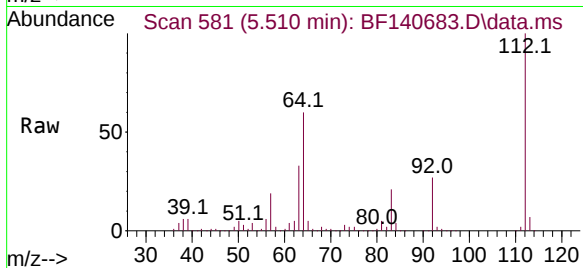
ClientSampleId :

PB165296BS

Tgt Ion:112 Resp: 63666
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 32.5 27.0 40.4

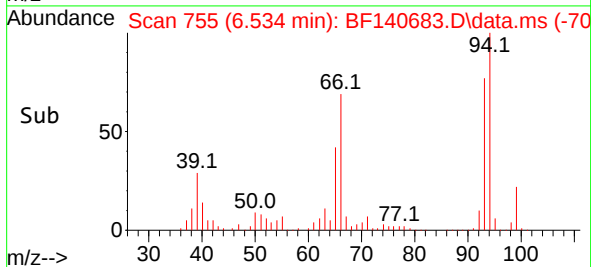
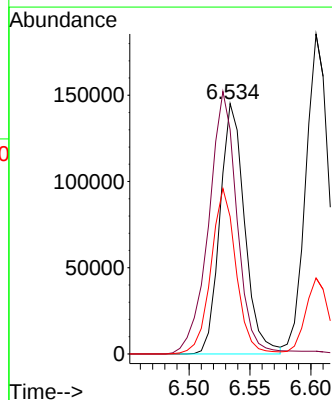
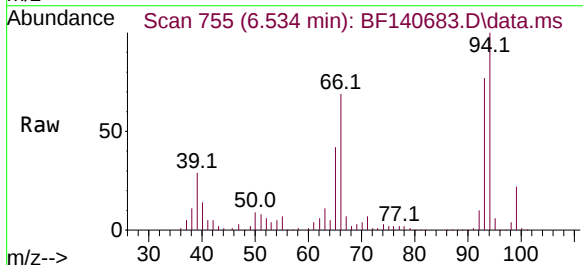
Manual Integrations
APPROVED

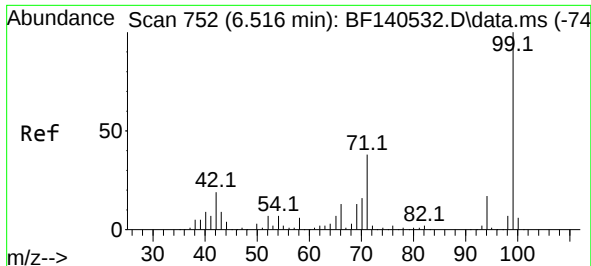
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#6
Aniline
Concen: 44.764 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion: 93 Resp: 205213
Ion Ratio Lower Upper
93 100
66 89.6 56.5 84.7#
65 54.8 32.9 49.3#





#7
Phenol-d6
Concen: 129.139 ng
RT: 6.516 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

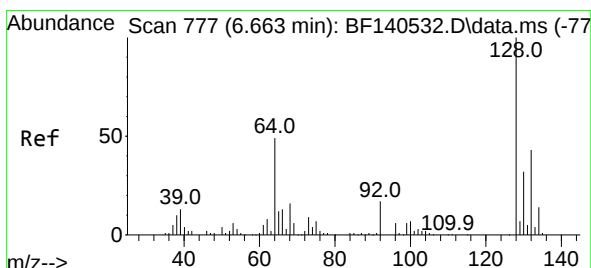
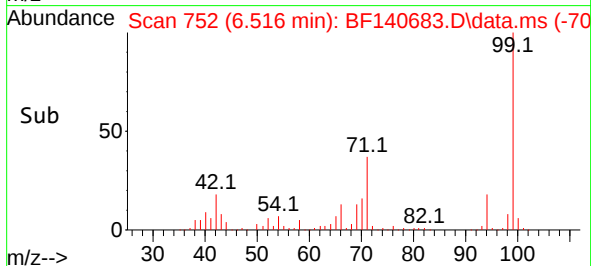
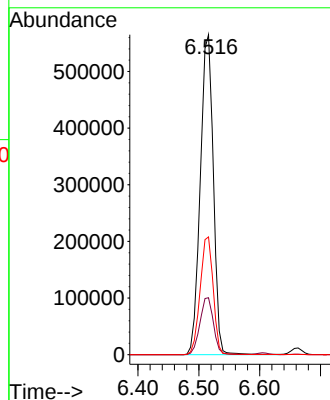
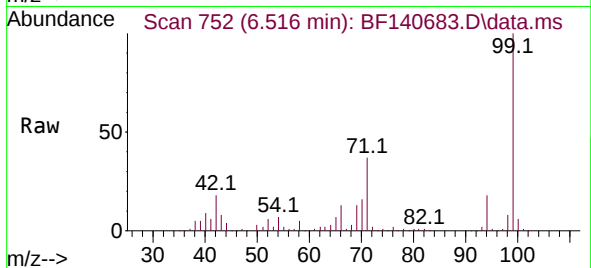
PB165296BS

Tgt Ion: 99 Resp: 841109
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.8 30.6 46.0

Manual Integrations

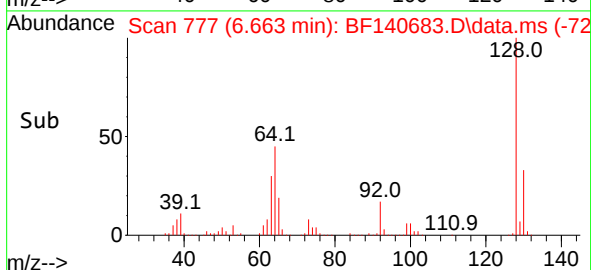
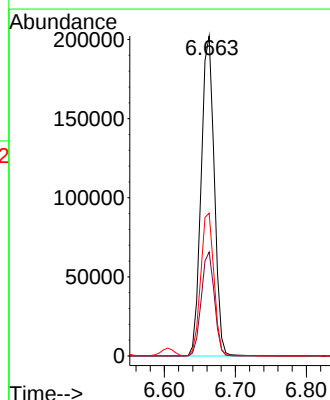
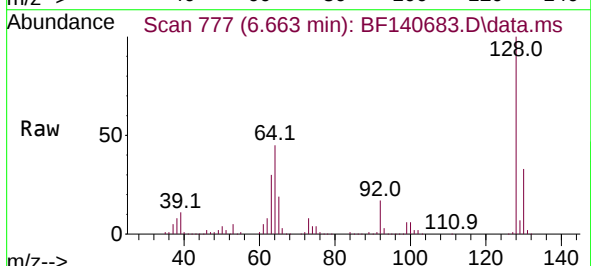
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#8
2-Chlorophenol
Concen: 49.275 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:128 Resp: 261176
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 44.6 30.2 70.2





#9
Benzaldehyde
Concen: 29.414 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

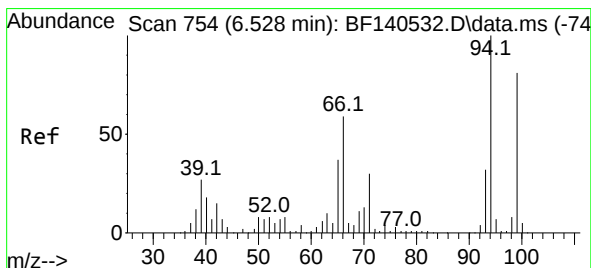
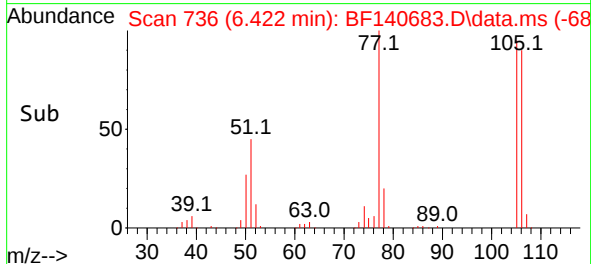
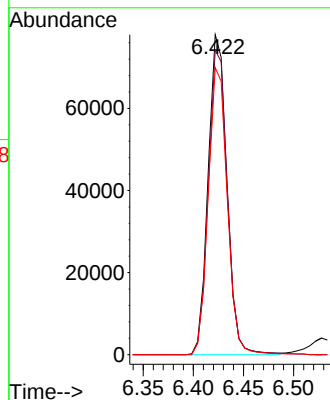
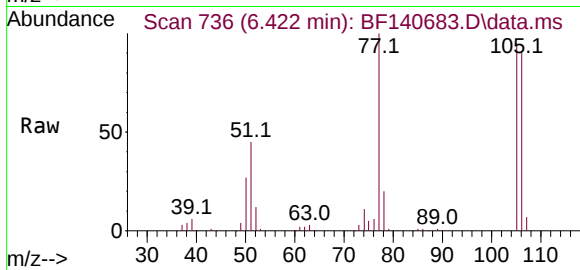
ClientSampleId :

PB165296BS

Tgt Ion: 77 Resp: 101418
Ion Ratio Lower Upper
77 100
105 95.2 75.6 115.6
106 89.7 72.0 112.0

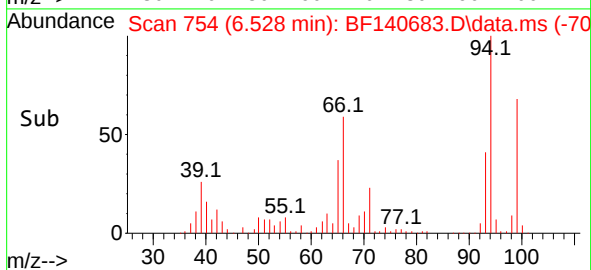
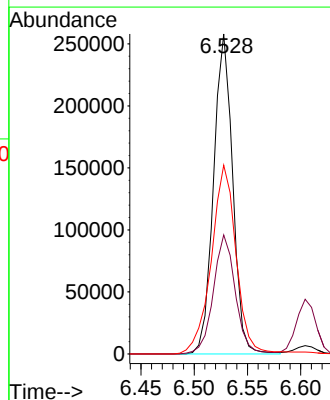
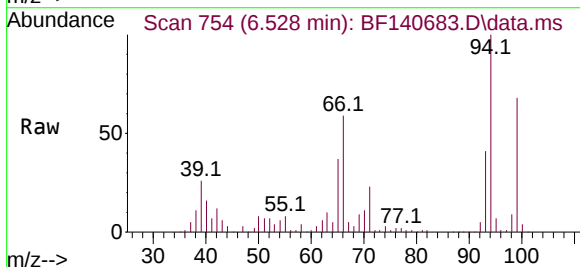
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#10
Phenol
Concen: 48.324 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion: 94 Resp: 321437
Ion Ratio Lower Upper
94 100
65 37.2 17.2 57.2
66 59.0 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 47.100 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

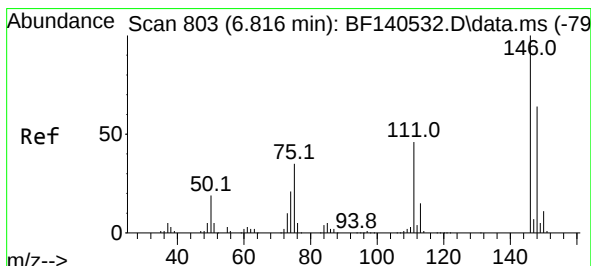
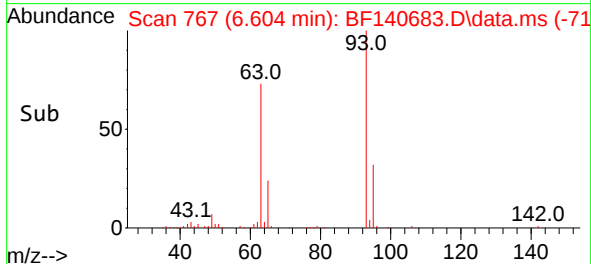
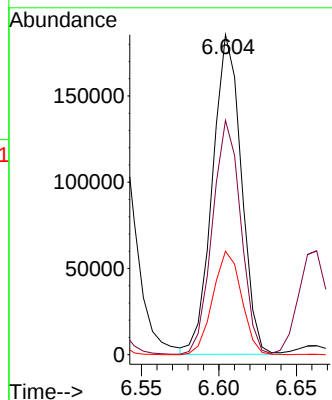
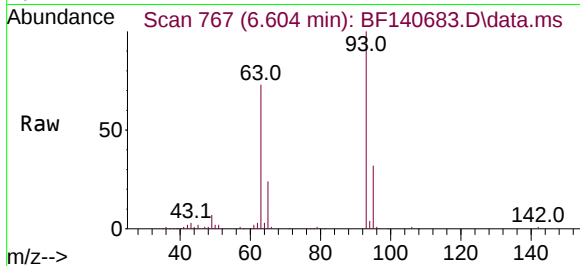
ClientSampleId :

PB165296BS

Tgt Ion: 93 Resp: 239740
Ion Ratio Lower Upper
93 100
63 73.2 52.8 92.8
95 32.4 12.3 52.3

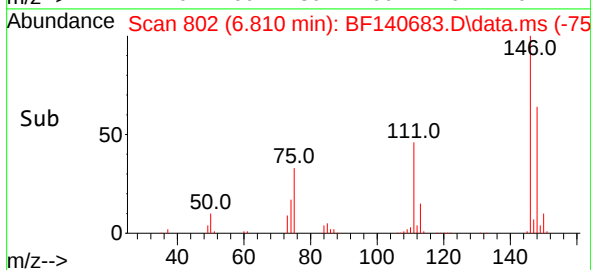
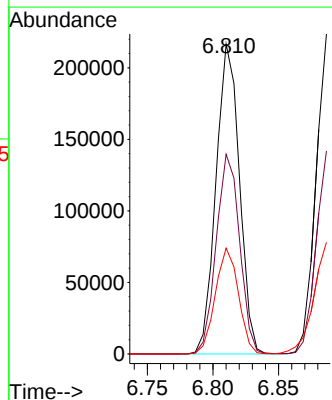
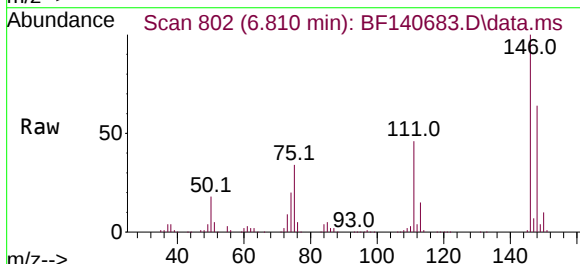
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#12
1,3-Dichlorobenzene
Concen: 45.159 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:146 Resp: 268958
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
75 34.2 28.2 42.2





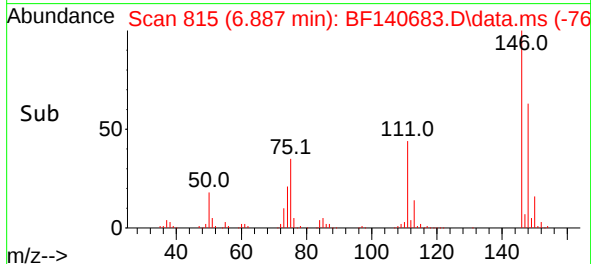
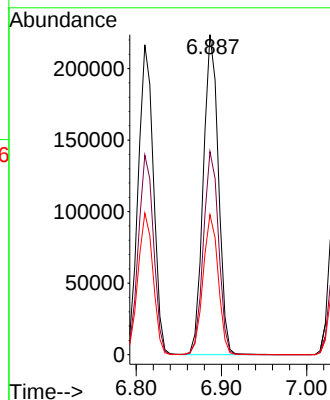
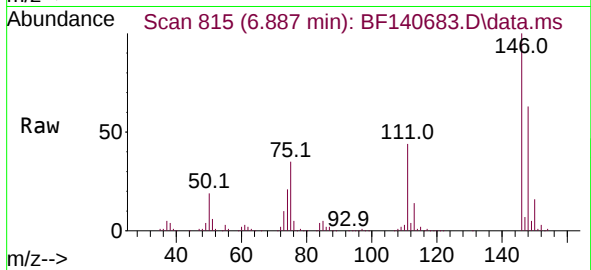
#13
1,4-Dichlorobenzene
Concen: 45.789 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB165296BS

Tgt Ion:146 Resp: 276129
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 43.8 35.3 52.9

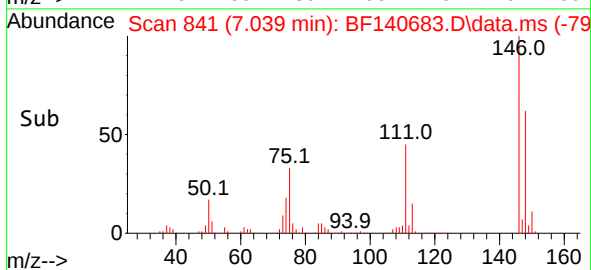
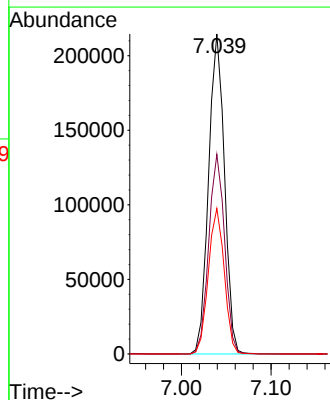
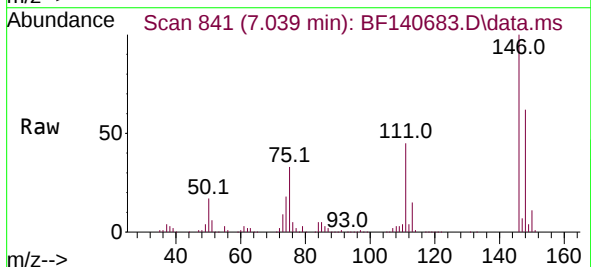
Manual Integrations
APPROVED

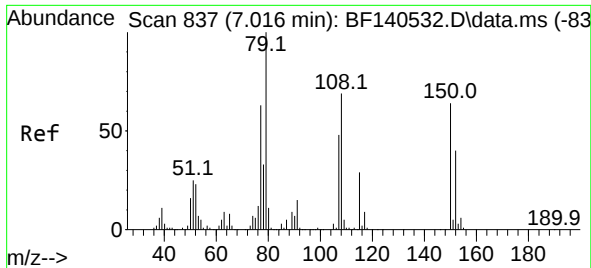
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#14
1,2-Dichlorobenzene
Concen: 46.731 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:146 Resp: 264067
Ion Ratio Lower Upper
146 100
148 62.4 50.5 75.7
111 45.5 36.7 55.1





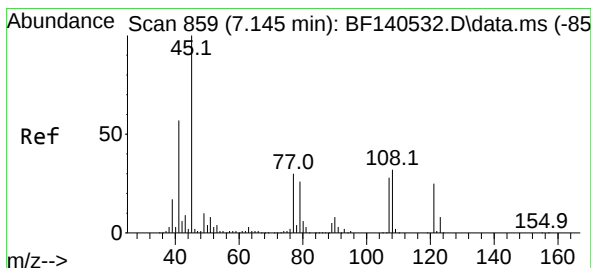
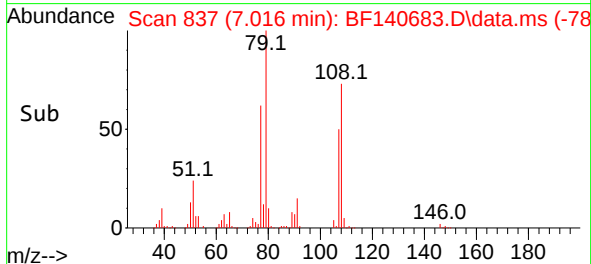
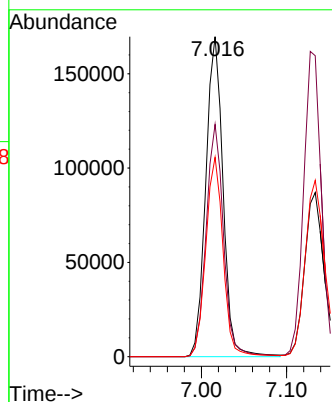
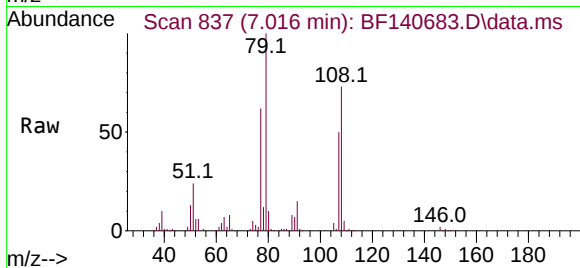
#15
Benzyl Alcohol
Concen: 49.436 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB165296BS

Tgt Ion: 79 Resp: 23878
Ion Ratio Lower Upper
79 100
108 72.6 55.0 82.6
77 62.3 50.1 75.1

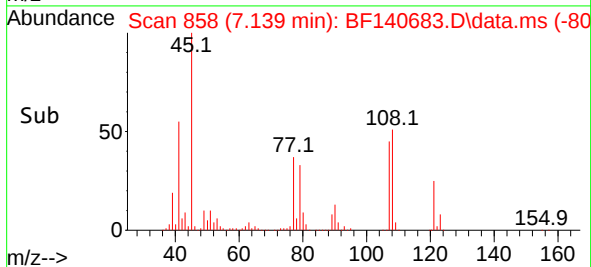
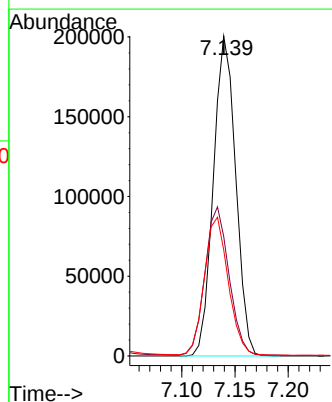
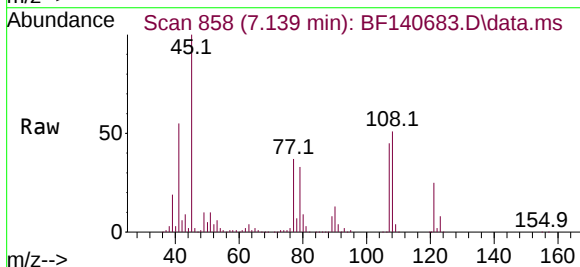
Manual Integrations
APPROVED

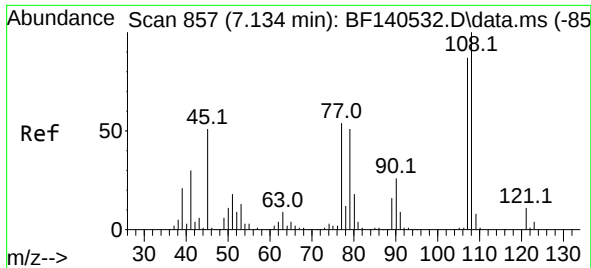
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.431 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion: 45 Resp: 291227
Ion Ratio Lower Upper
45 100
77 37.3 10.7 50.7
79 33.1 7.0 47.0





#17
2-Methylphenol
Concen: 48.038 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

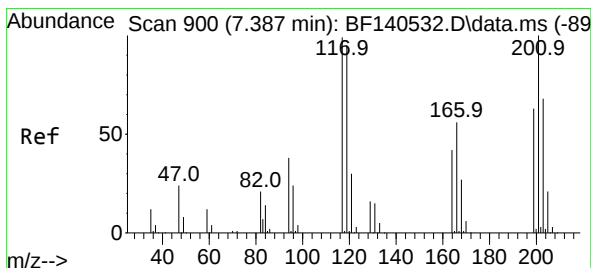
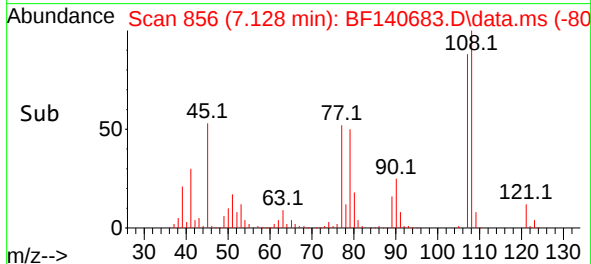
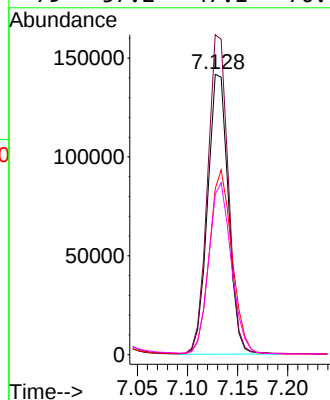
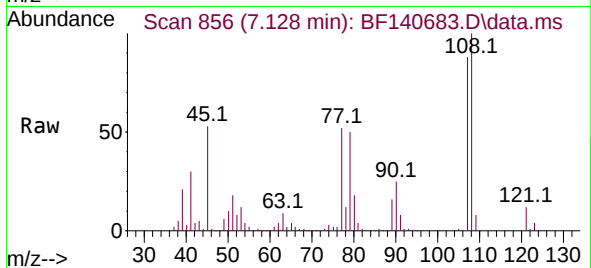
PB165296BS

Tgt Ion:107 Resp: 20382
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 59.2 49.3 73.9
79 57.2 47.1 70.7

Manual Integrations

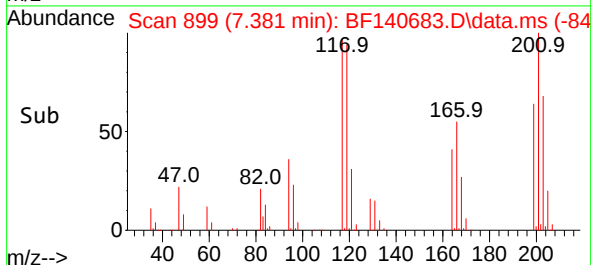
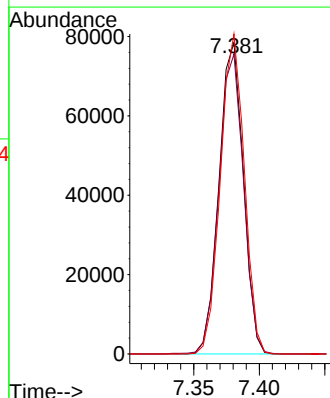
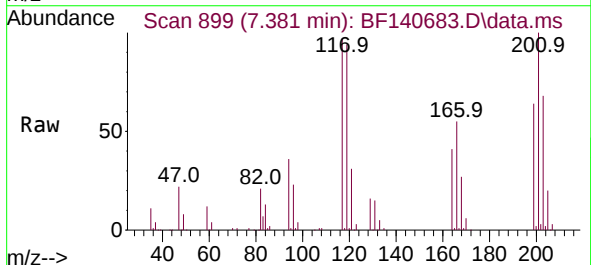
APPROVED

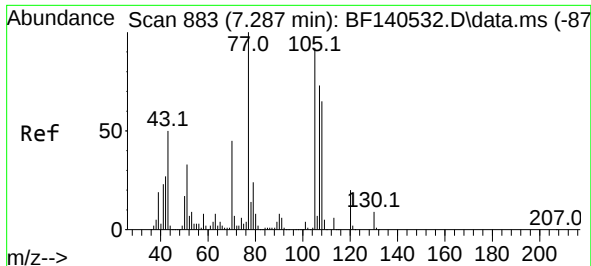
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#18
Hexachloroethane
Concen: 44.993 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:117 Resp: 101338
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 102.8 81.1 121.7





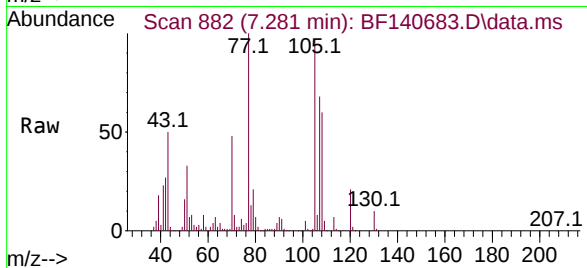
#19
n-Nitroso-di-n-propylamine
Concen: 47.617 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

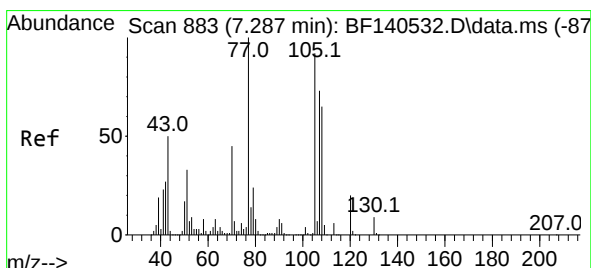
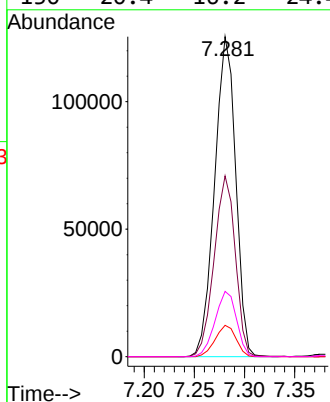
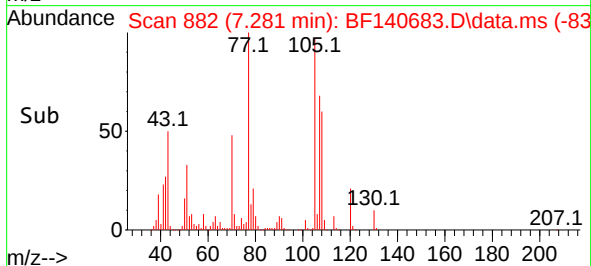
PB165296BS



Tgt Ion: 70 Resp: 18329
Ion Ratio Lower Upper
70 100
42 56.5 47.6 71.4
101 9.8 7.6 11.4
130 20.4 16.2 24.4

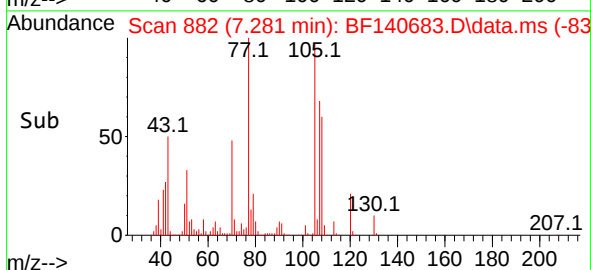
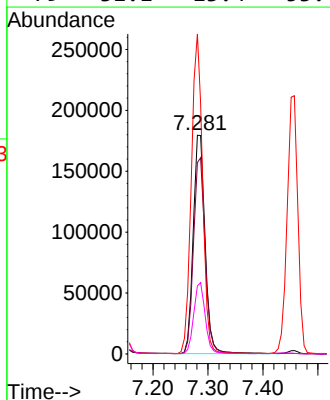
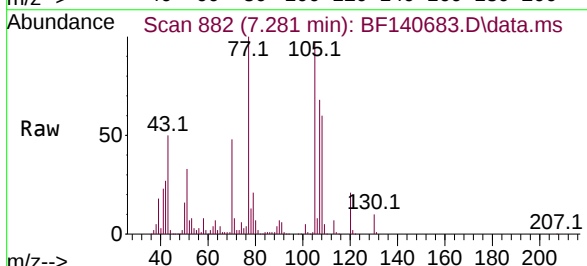
Manual Integrations
APPROVED

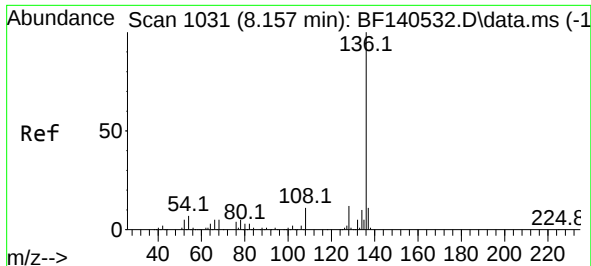
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#20
3+4-Methylphenols
Concen: 49.152 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:107 Resp: 268055
Ion Ratio Lower Upper
107 100
108 87.5 69.9 109.9
77 146.3 117.7 157.7
79 31.1 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

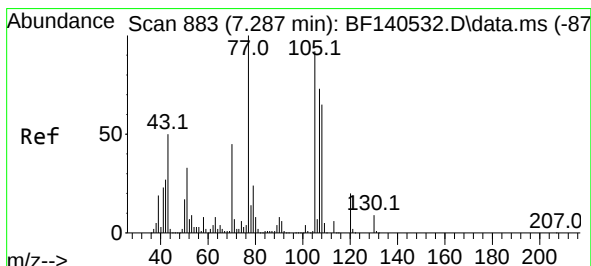
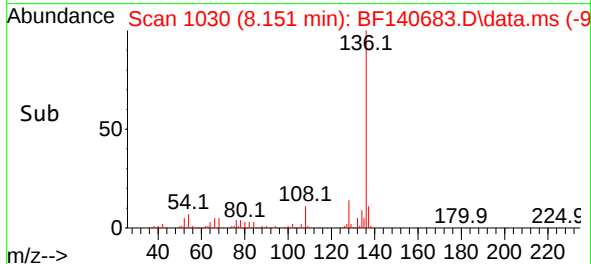
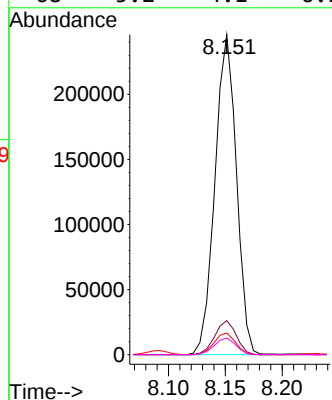
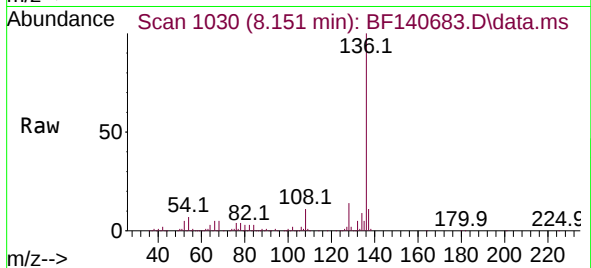
PB165296BS

Tgt Ion:136 Resp: 32350
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 5.8 8.8
68 5.2 4.1 6.1

Manual Integrations

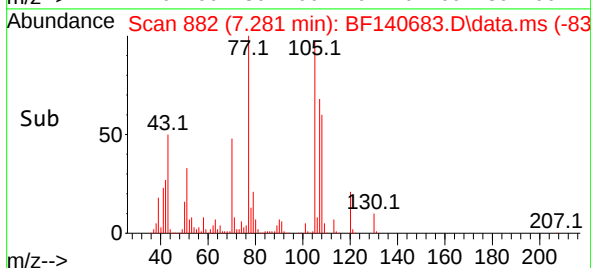
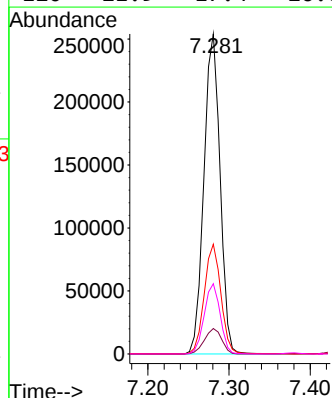
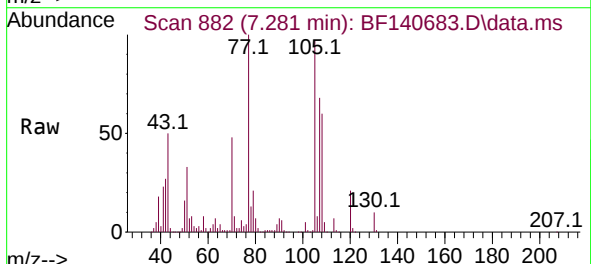
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#22
Acetophenone
Concen: 44.480 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:105 Resp: 350806
Ion Ratio Lower Upper
105 100
71 7.9 6.2 9.2
51 34.3 29.0 43.6
120 21.9 17.4 26.0





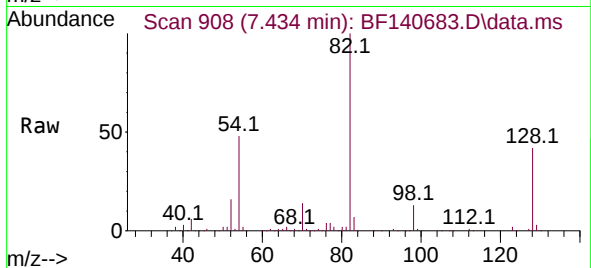
#23
Nitrobenzene-d5
Concen: 86.671 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

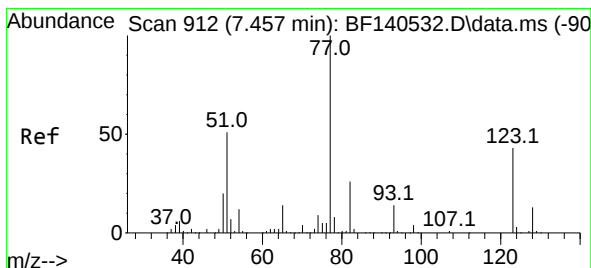
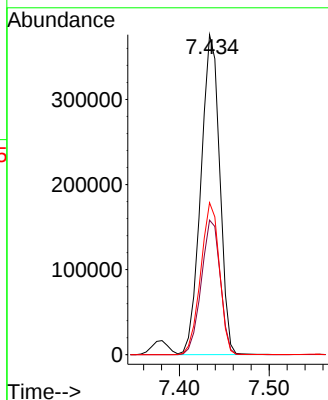
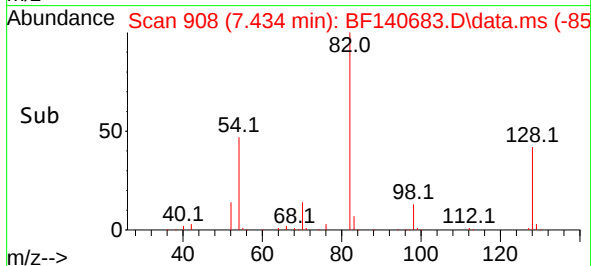


Tgt Ion: 82 Resp: 54815
Ion Ratio Lower Upper
82 100
128 42.1 33.0 49.4
54 47.5 39.5 59.3

Manual Integrations

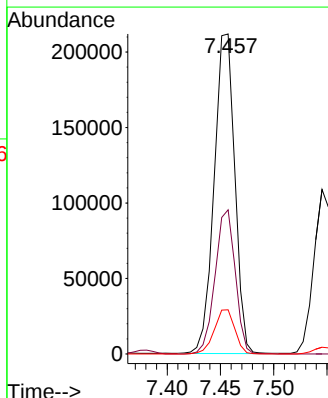
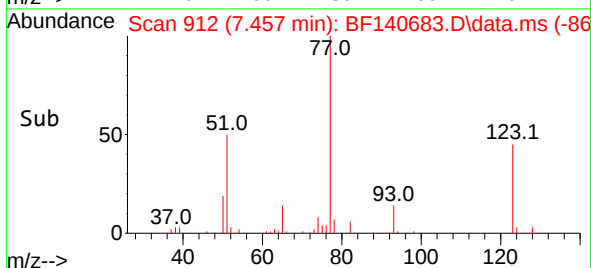
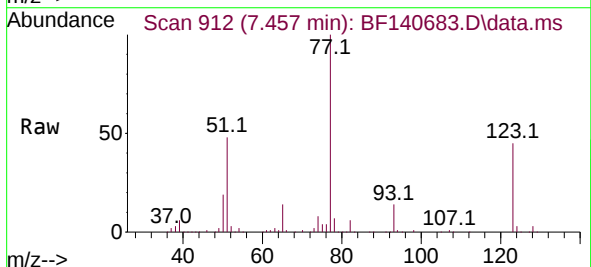
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#24
Nitrobenzene
Concen: 43.633 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion: 77 Resp: 285214
Ion Ratio Lower Upper
77 100
123 45.0 34.3 51.5
65 13.8 11.2 16.8





#25
Isophorone
Concen: 47.119 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

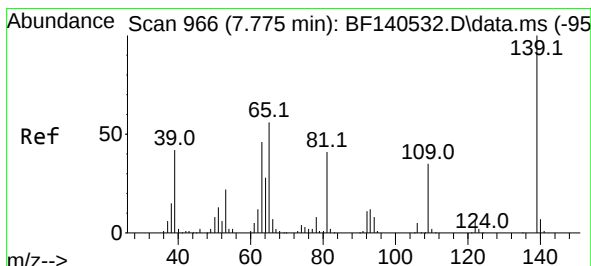
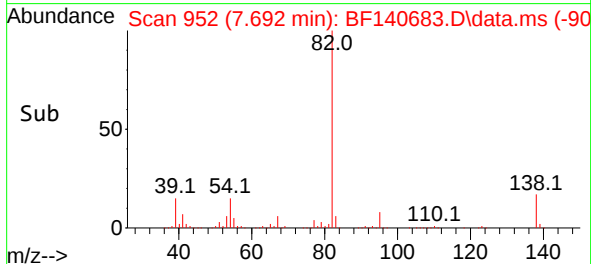
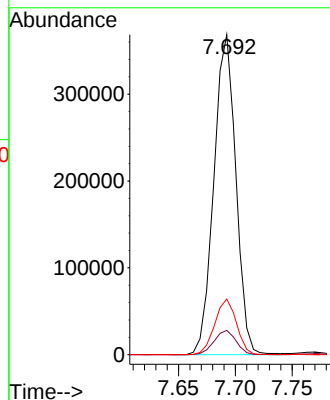
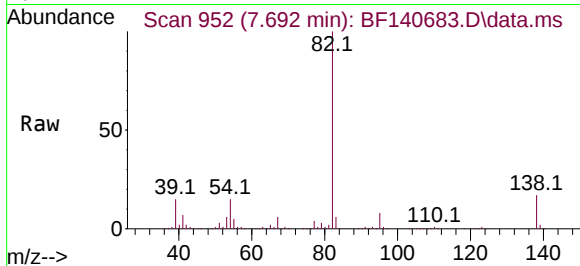
ClientSampleId :

PB165296BS

Tgt Ion: 82 Resp: 49704
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 17.4 13.8 20.6

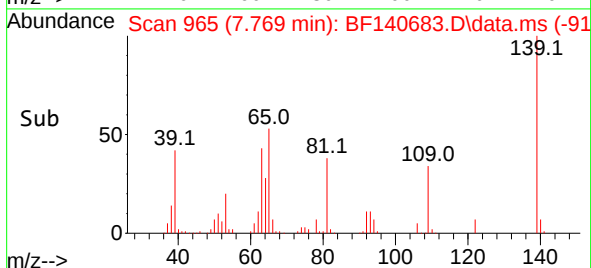
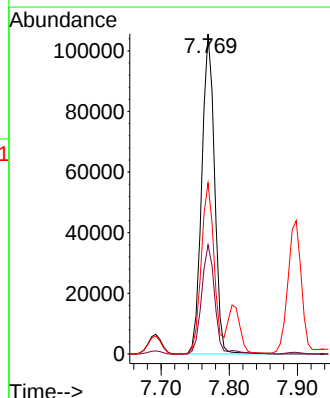
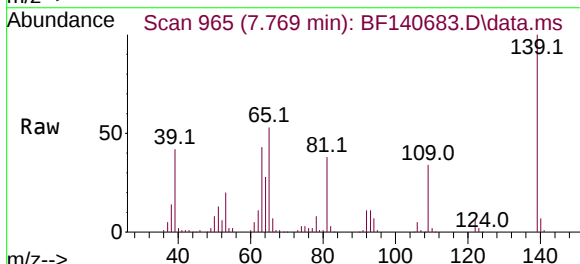
Manual Integrations
APPROVED

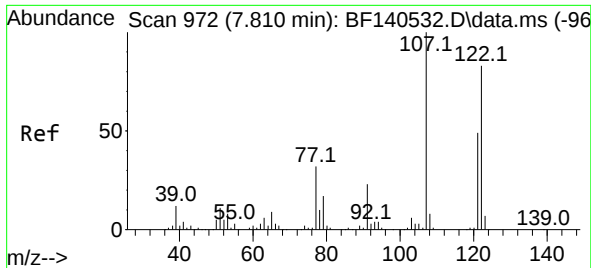
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#26
2-Nitrophenol
Concen: 47.616 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:139 Resp: 137930
Ion Ratio Lower Upper
139 100
109 34.1 28.0 42.0
65 53.4 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 60.255 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

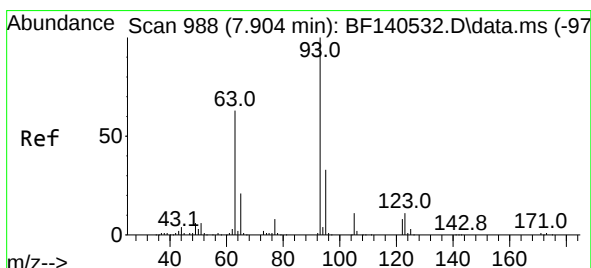
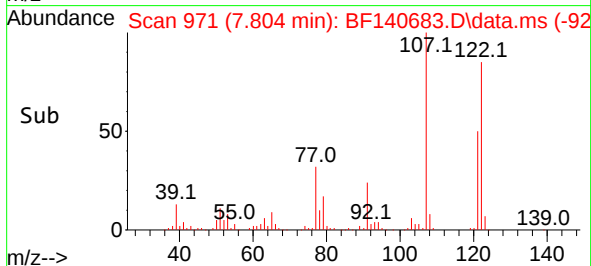
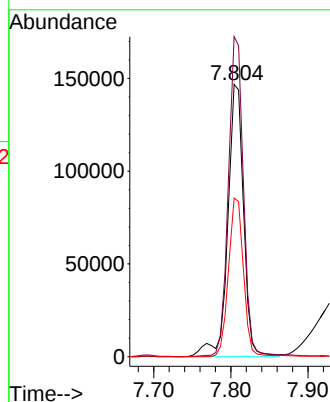
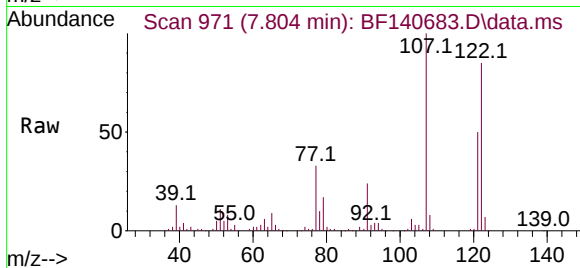
PB165296BS

Tgt Ion:122 Resp: 208830
Ion Ratio Lower Upper
122 100
107 117.5 96.8 145.2
121 58.3 47.4 71.0

Manual Integrations

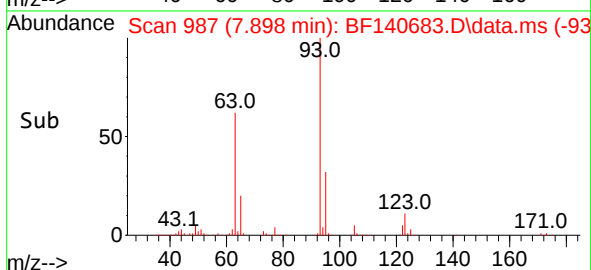
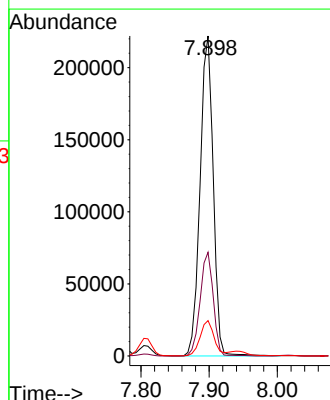
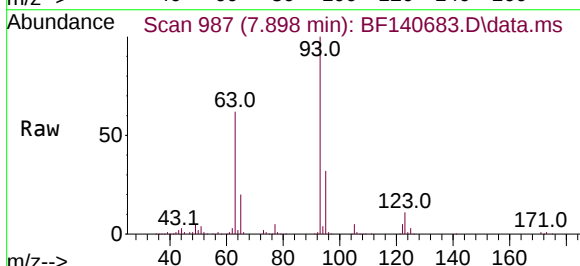
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.399 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion: 93 Resp: 298179
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.136 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

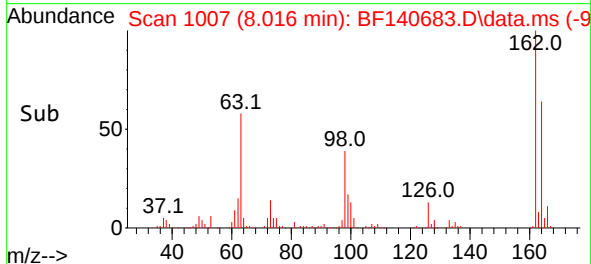
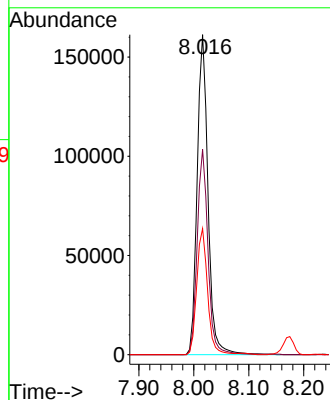
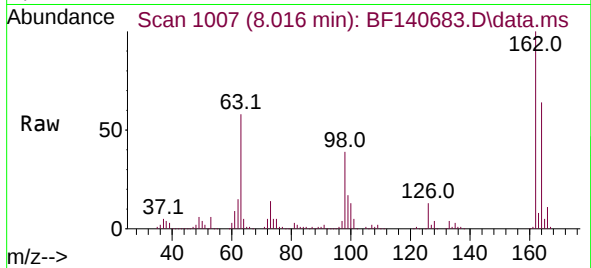
Tgt Ion:162	Resp: 22106
Ion Ratio	Lower Upper
162 100	
164 64.2	44.8 84.8
98 39.4	21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.108 ng

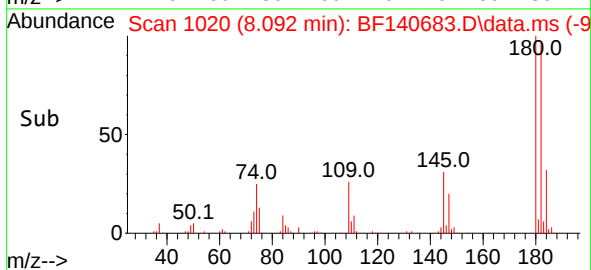
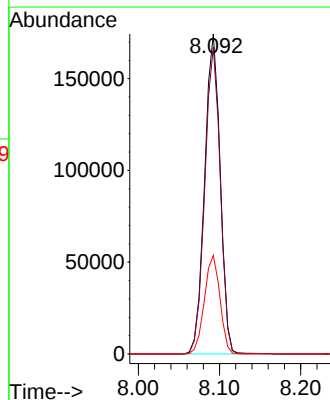
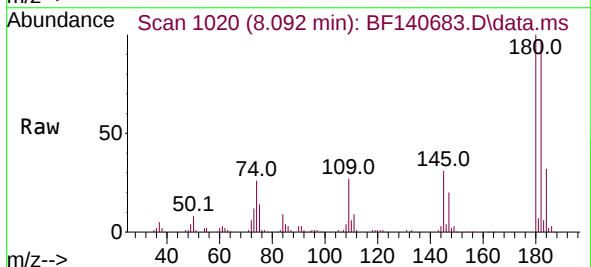
RT: 8.092 min Scan# 1020

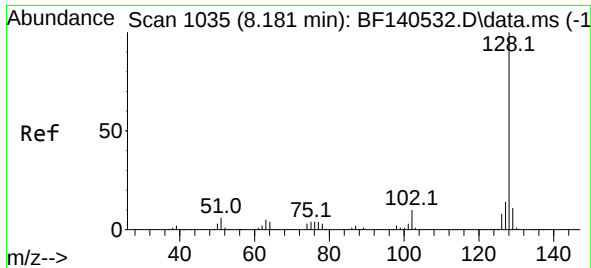
Delta R.T. -0.006 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Tgt Ion:180	Resp: 231287
Ion Ratio	Lower Upper
180 100	
182 95.8	76.4 114.6
145 30.9	25.9 38.9





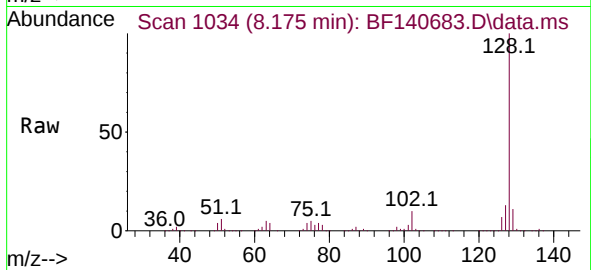
#31
Naphthalene
Concen: 45.679 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

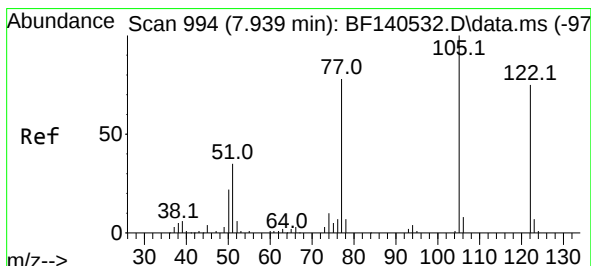
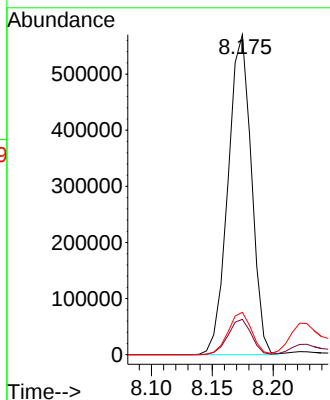
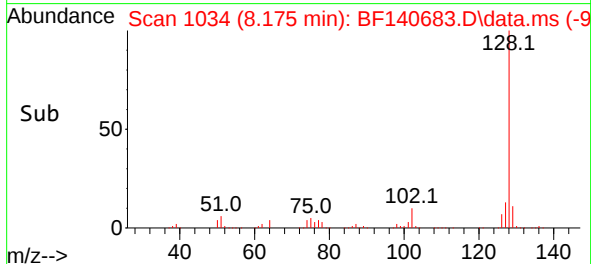


Tgt Ion:128 Resp: 761150
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.8 16.2

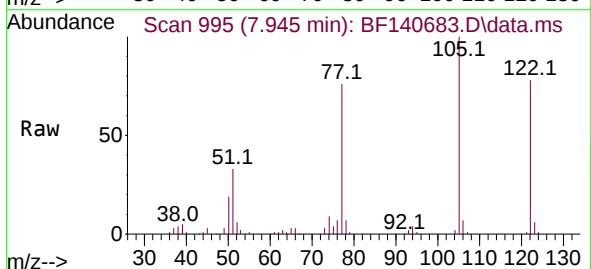
Manual Integrations

APPROVED

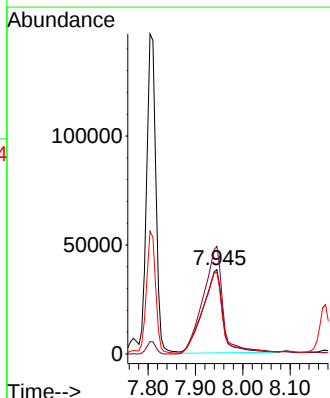
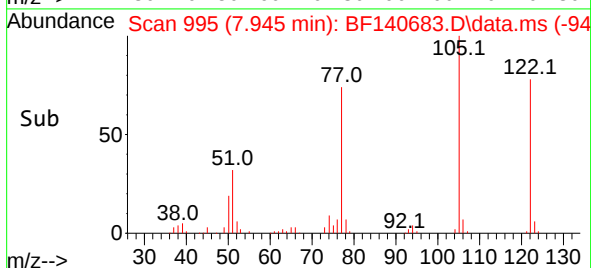
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#32
Benzoic acid
Concen: 38.805 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23



Tgt Ion:122 Resp: 112150
Ion Ratio Lower Upper
122 100
105 127.6 109.3 149.3
77 97.0 82.3 122.3





#33
4-Chloroaniline
Concen: 26.978 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

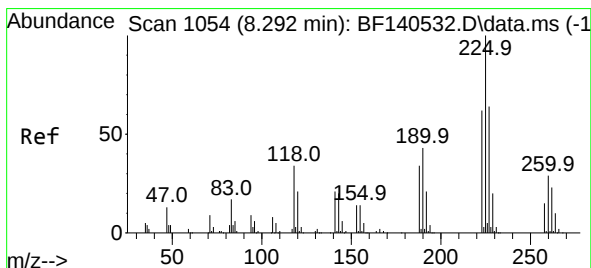
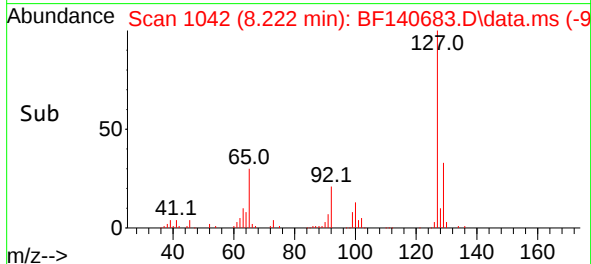
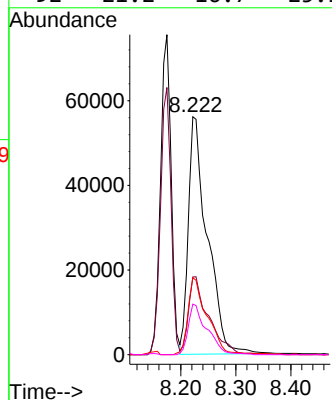
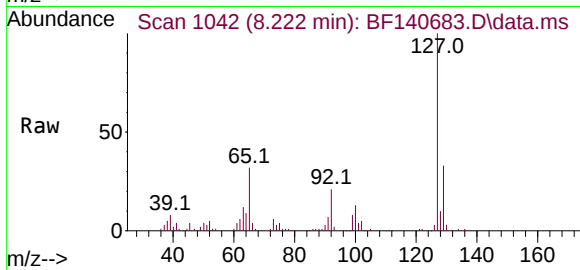
ClientSampleId :

PB165296BS

Tgt Ion:127 Resp: 13459
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 32.4 26.0 39.0
92 21.2 16.7 25.1

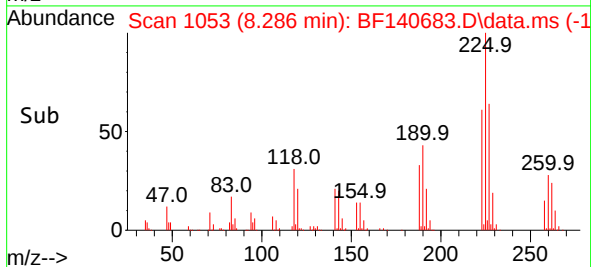
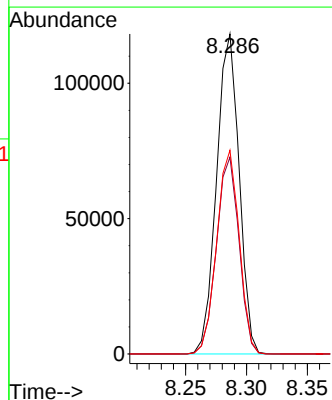
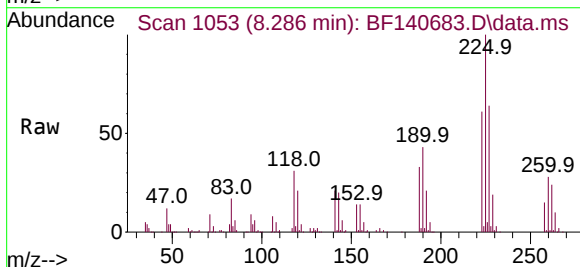
Manual Integrations
APPROVED

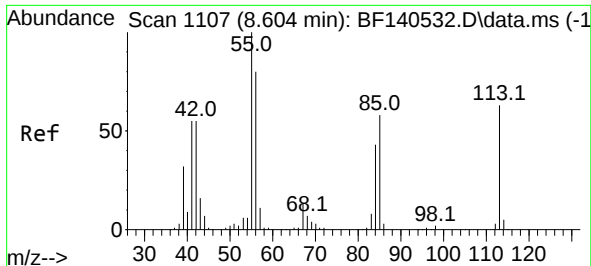
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#34
Hexachlorobutadiene
Concen: 43.944 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:225 Resp: 152624
Ion Ratio Lower Upper
225 100
223 61.5 49.8 74.8
227 63.6 51.3 76.9





#35
Caprolactam
Concen: 48.388 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

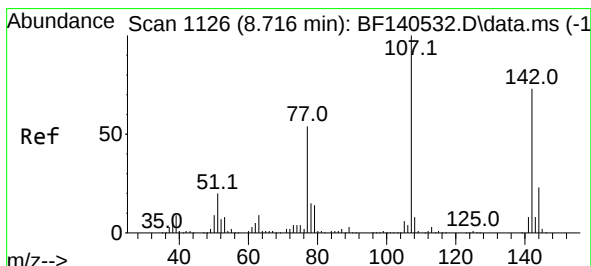
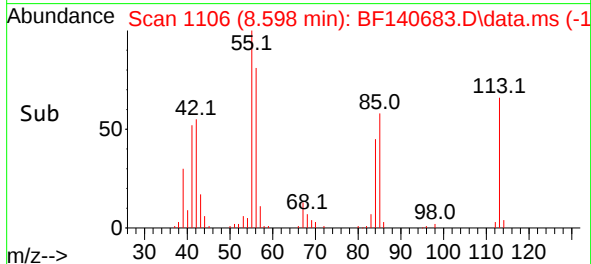
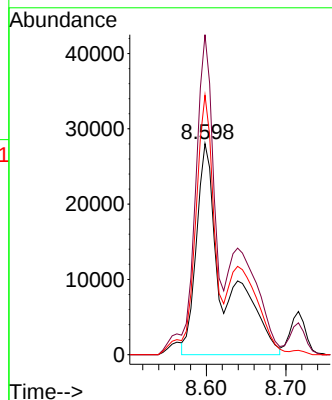
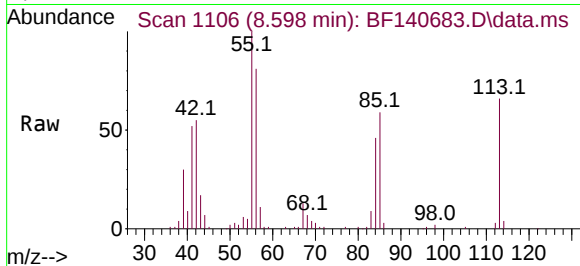
ClientSampleId :

PB165296BS

Tgt Ion:113 Resp: 6877
Ion Ratio Lower Upper
113 100
55 151.6 137.7 177.7
56 123.0 106.4 146.4

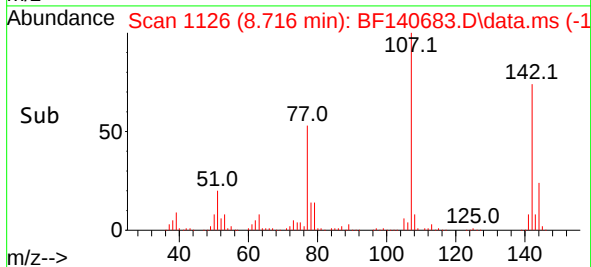
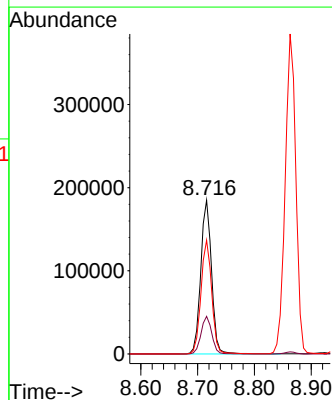
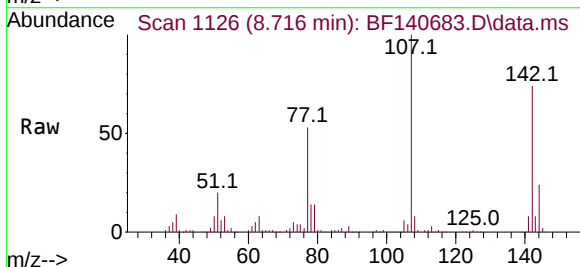
Manual Integrations
APPROVED

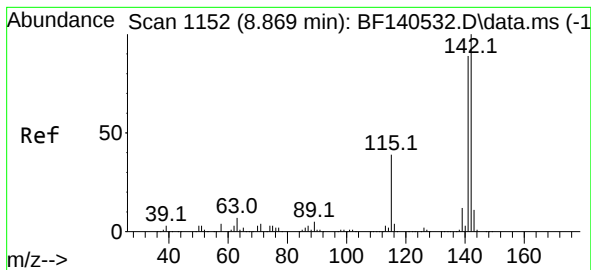
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#36
4-Chloro-3-methylphenol
Concen: 47.654 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:107 Resp: 245034
Ion Ratio Lower Upper
107 100
144 24.5 18.7 28.1
142 74.0 58.3 87.5





#37
2-Methylnaphthalene
Concen: 47.564 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

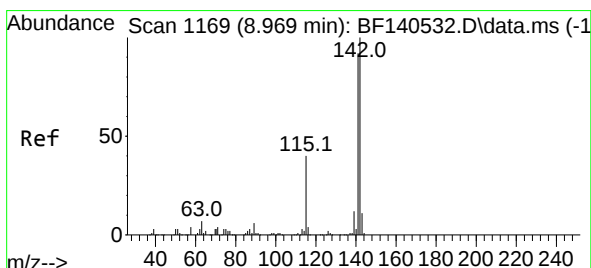
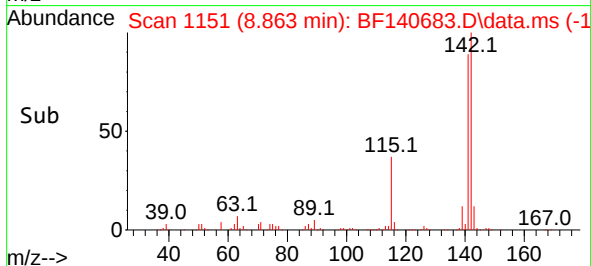
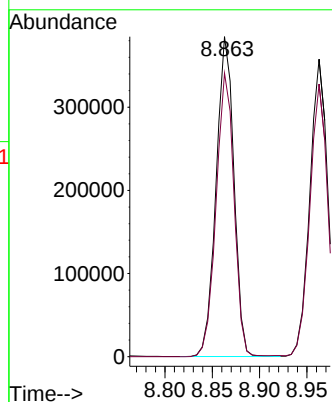
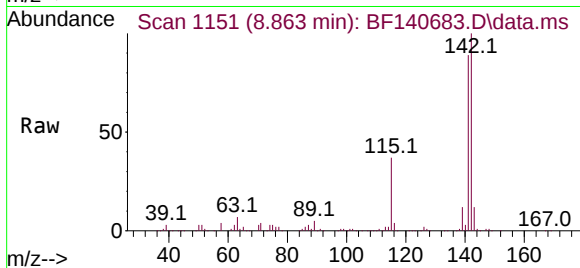
PB165296BS

Tgt Ion:142 Resp: 503409
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6

Manual Integrations

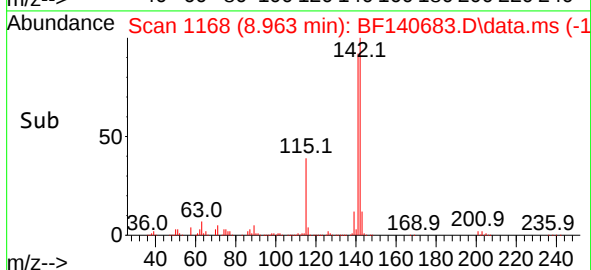
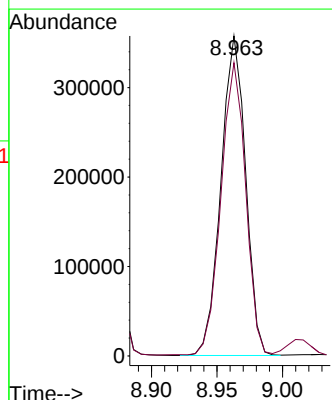
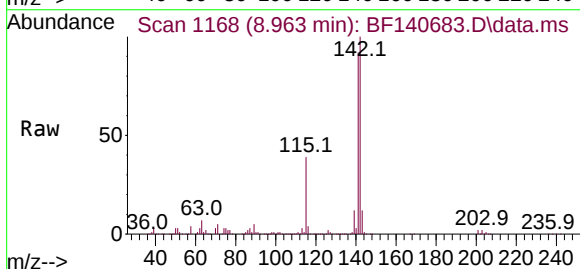
APPROVED

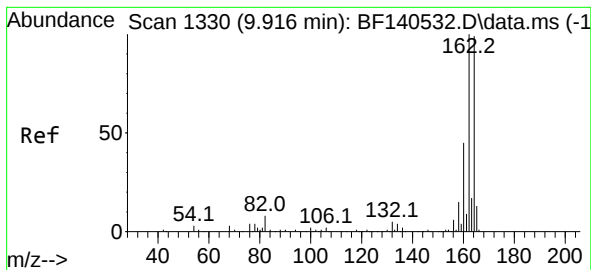
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#38
1-Methylnaphthalene
Concen: 44.963 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:142 Resp: 466456
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

Tgt Ion:164 Resp: 181370

Ion Ratio Lower Upper

164 100

162 103.0 80.6 120.8

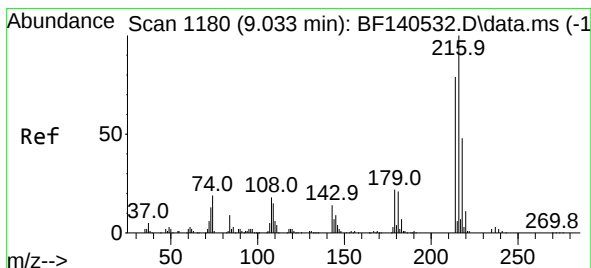
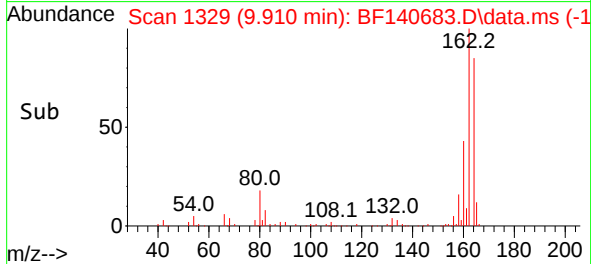
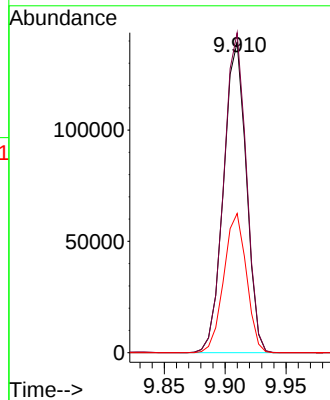
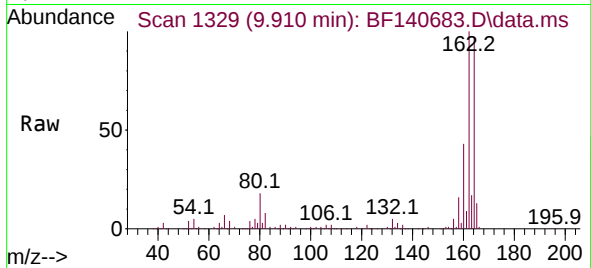
160 44.8 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.985 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Tgt Ion:216 Resp: 244163

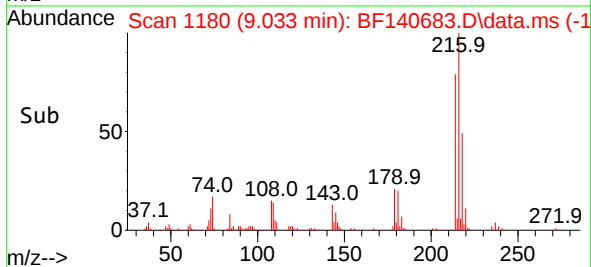
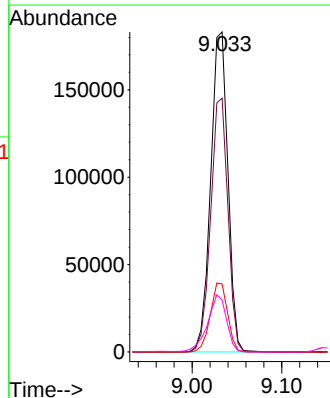
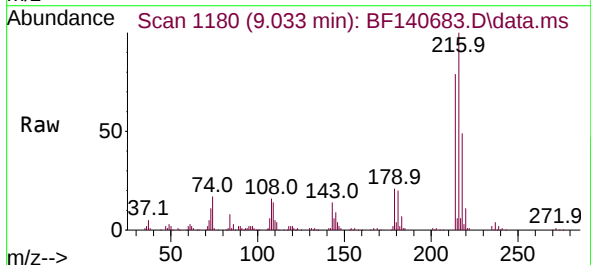
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 21.6 17.5 26.3

108 19.6 14.7 22.1





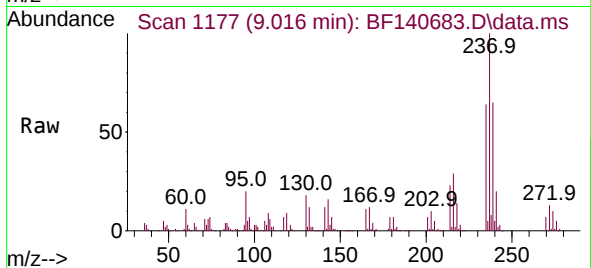
#41
Hexachlorocyclopentadiene
Concen: 155.740 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS



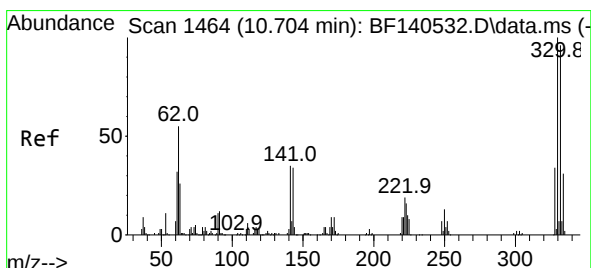
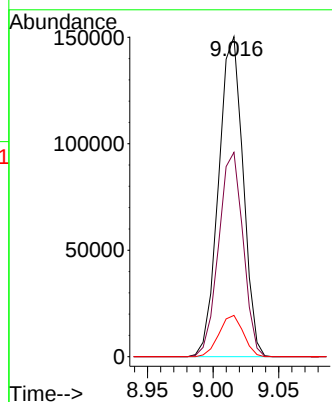
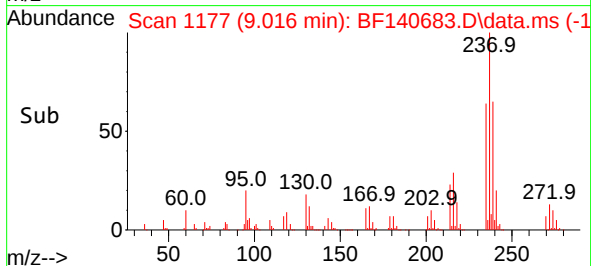
Tgt Ion:237 Resp: 194939
Ion Ratio Lower Upper
237 100
235 63.8 41.1 81.1
272 12.9 0.0 32.6

Manual Integrations

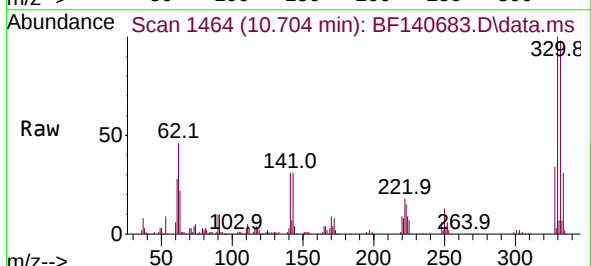
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

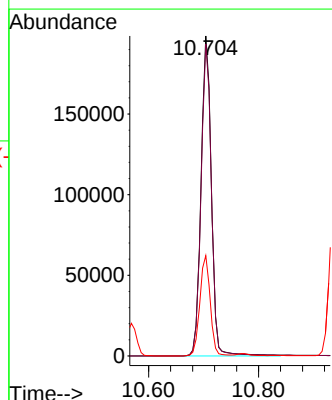
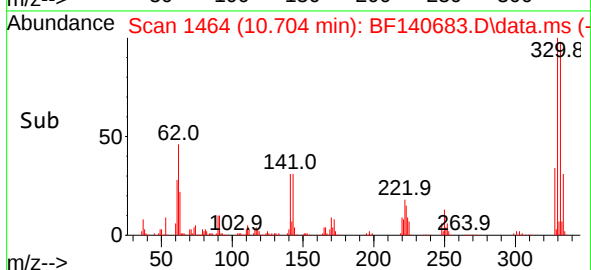
Supervised By :mohammad ahmed 12/05/2024

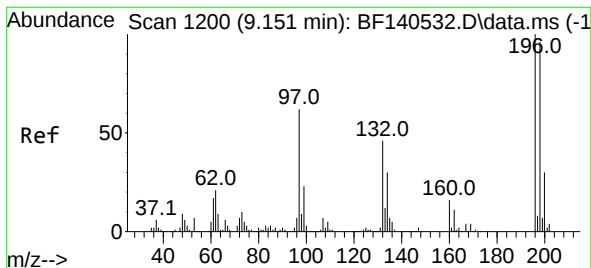


#42
2,4,6-Tribromophenol
Concen: 134.150 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23



Tgt Ion:330 Resp: 260220
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 31.5 26.7 40.1





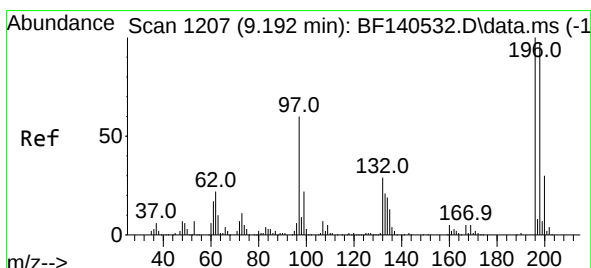
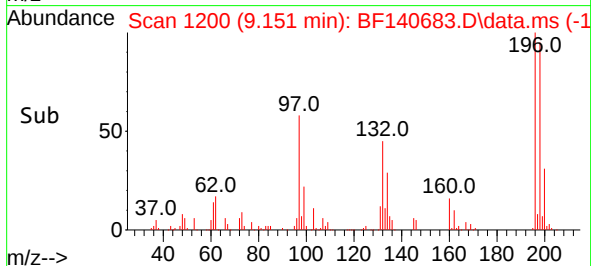
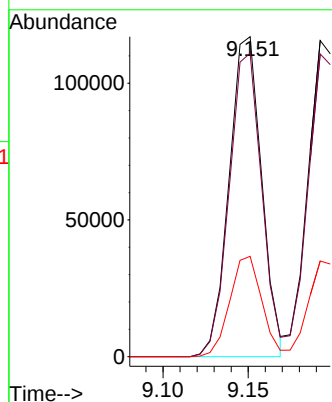
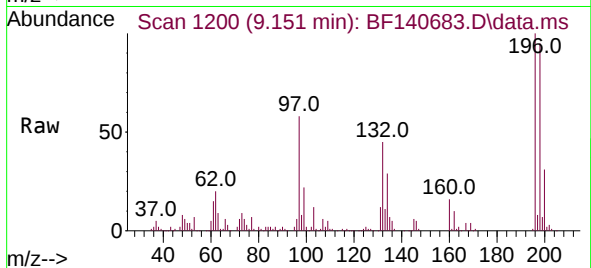
#43
2,4,6-Trichlorophenol
Concen: 46.658 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB165296BS

Tgt Ion:196 Resp: 15545
Ion Ratio Lower Upper
196 100
198 94.9 76.8 115.2
200 31.4 24.3 36.5

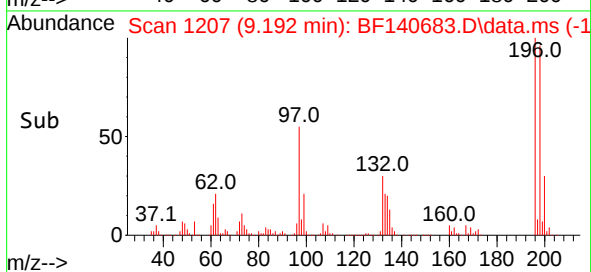
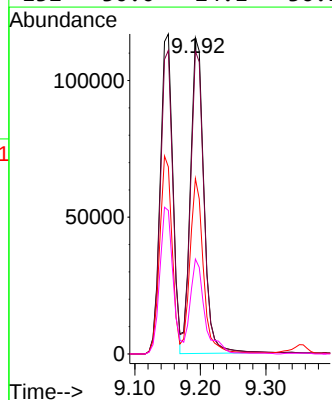
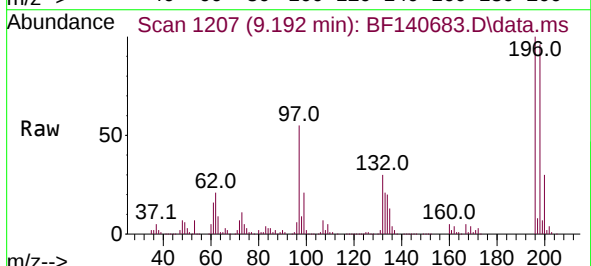
Manual Integrations
APPROVED

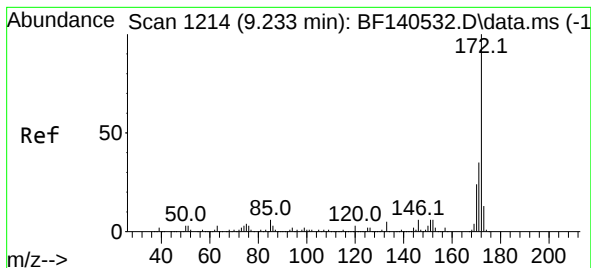
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#44
2,4,5-Trichlorophenol
Concen: 45.541 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:196 Resp: 164672
Ion Ratio Lower Upper
196 100
198 95.8 77.2 115.8
97 55.5 47.1 70.7
132 30.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 87.557 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

Tgt Ion:172 Resp: 106583

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

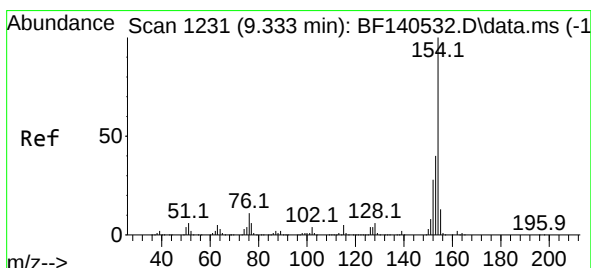
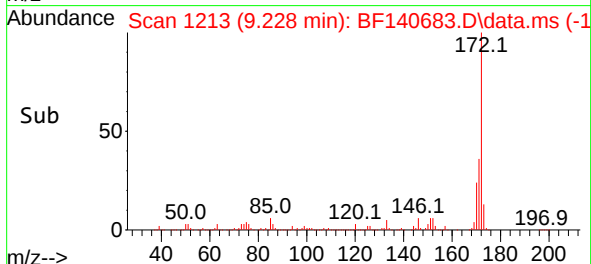
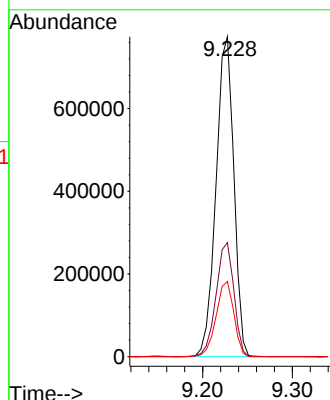
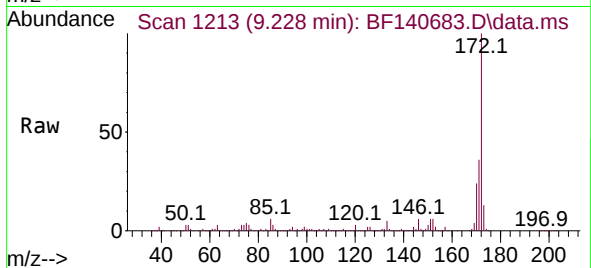
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#46

1,1'-Biphenyl

Concen: 46.844 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

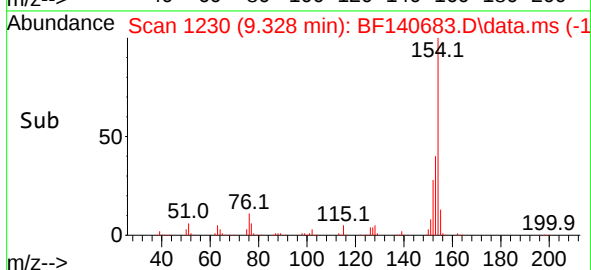
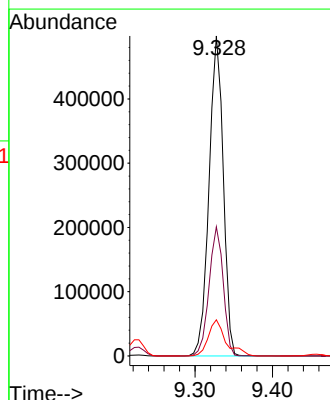
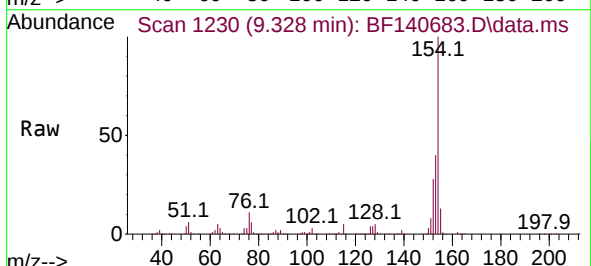
Tgt Ion:154 Resp: 634327

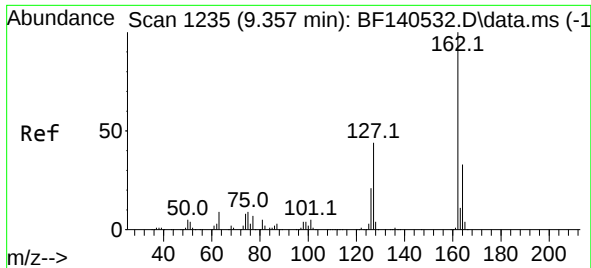
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 11.3 0.0 31.2





#47
2-Chloronaphthalene
Concen: 46.341 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

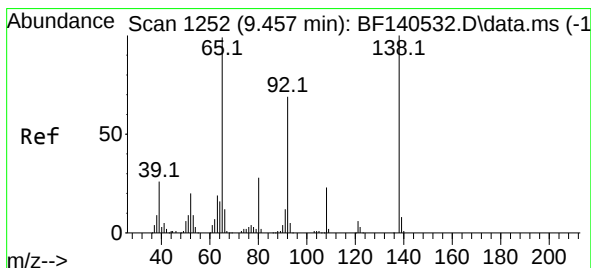
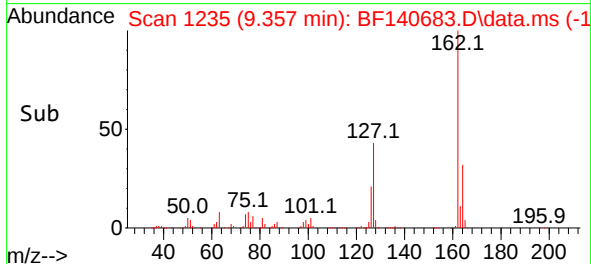
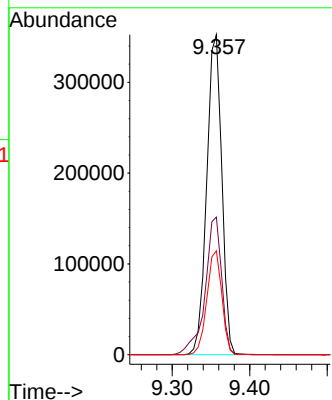
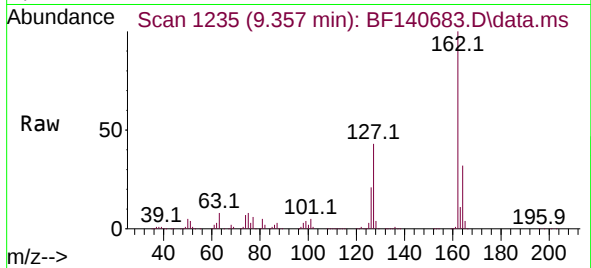
PB165296BS

Tgt Ion:162 Resp: 475480
Ion Ratio Lower Upper
162 100
127 43.0 35.7 53.5
164 32.5 26.1 39.1

Manual Integrations

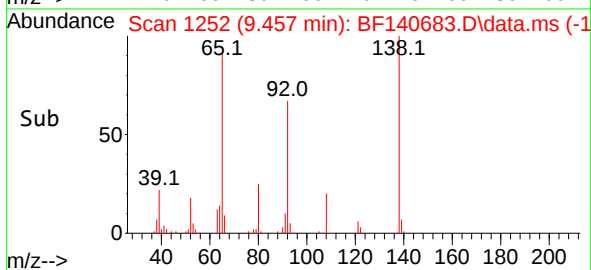
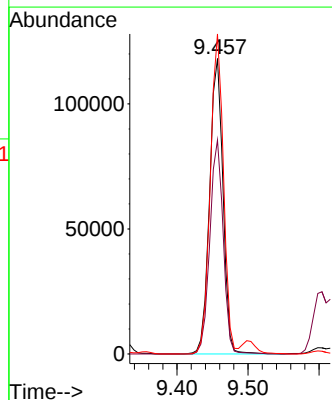
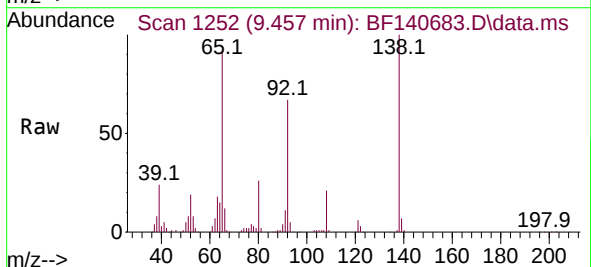
APPROVED

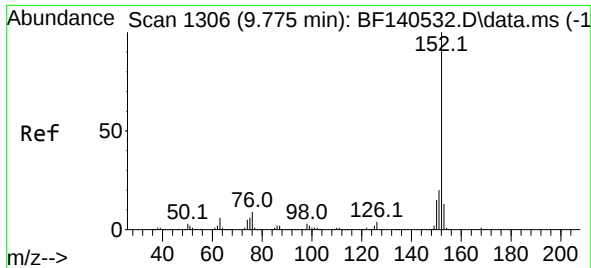
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#48
2-Nitroaniline
Concen: 47.093 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion: 65 Resp: 155098
Ion Ratio Lower Upper
65 100
92 72.4 56.1 84.1
138 108.3 81.0 121.6





#49
Acenaphthylene
Concen: 49.703 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

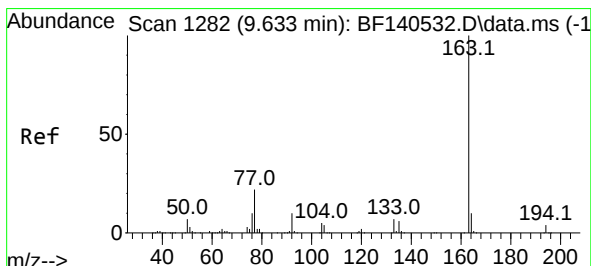
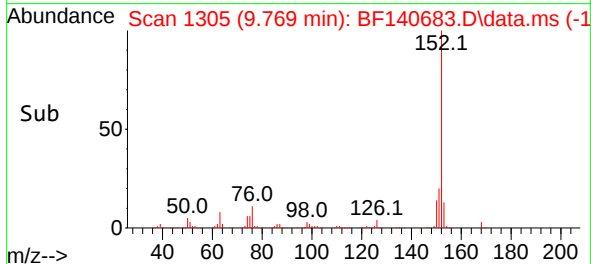
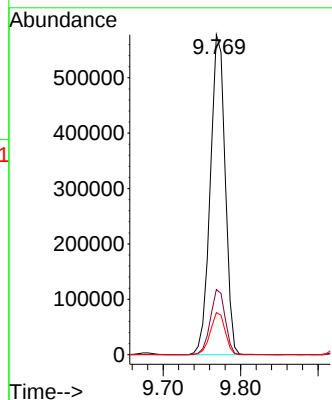
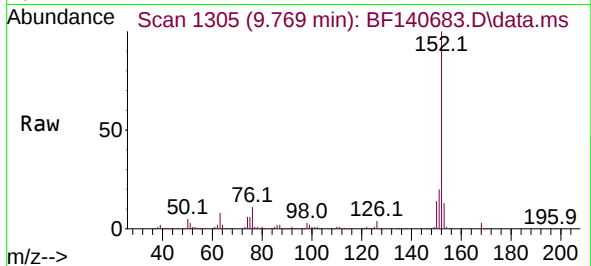
ClientSampleId :

PB165296BS

Tgt Ion:152 Resp: 77053
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.6 16.0

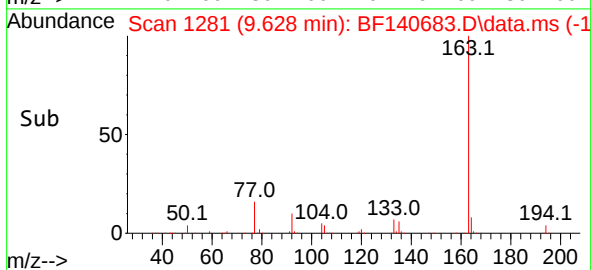
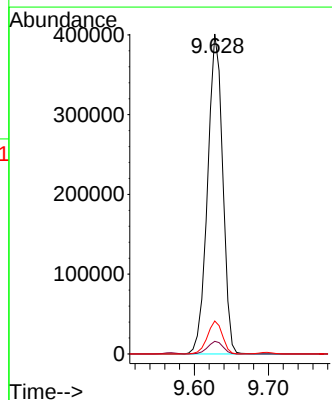
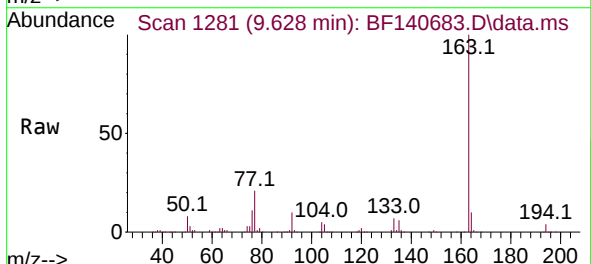
Manual Integrations
APPROVED

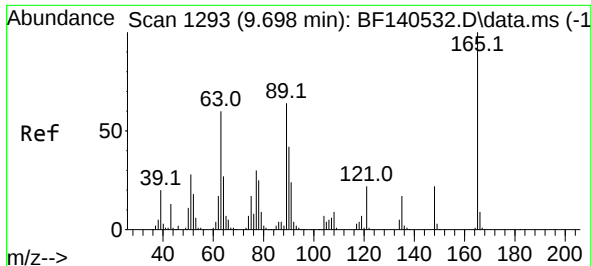
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#50
Dimethylphthalate
Concen: 47.608 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:163 Resp: 568671
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.051 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

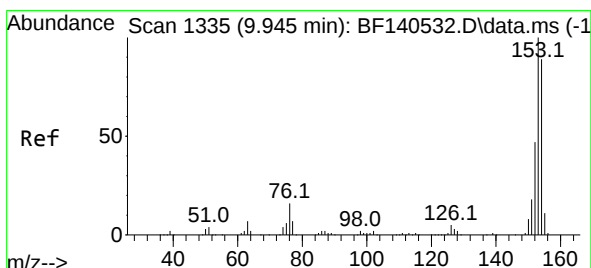
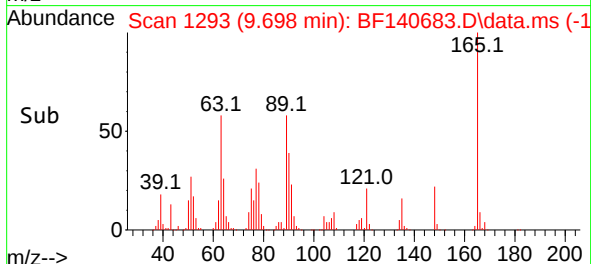
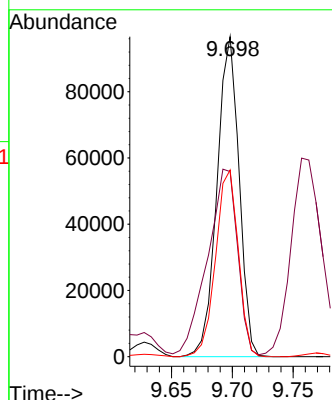
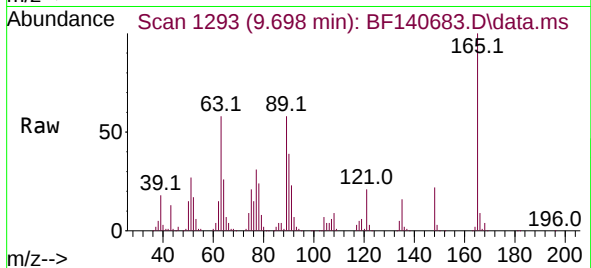
ClientSampleId :

PB165296BS

Tgt Ion:165 Resp: 122044
 Ion Ratio Lower Upper
 165 100
 63 57.8 49.9 74.9
 89 58.4 50.9 76.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024



#52

Acenaphthene

Concen: 47.620 ng

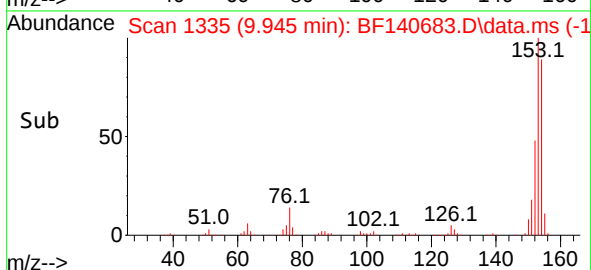
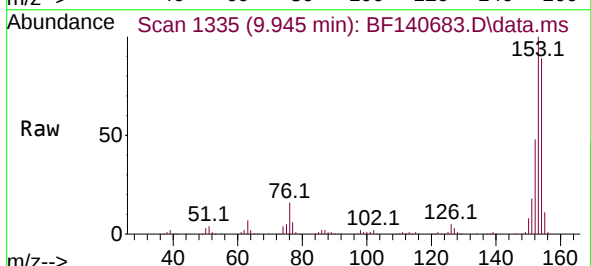
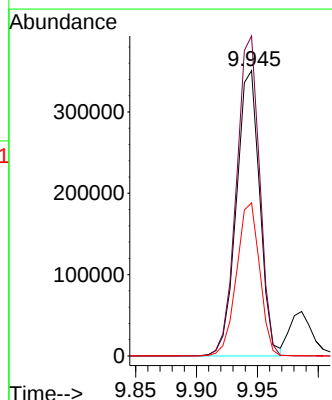
RT: 9.945 min Scan# 1335

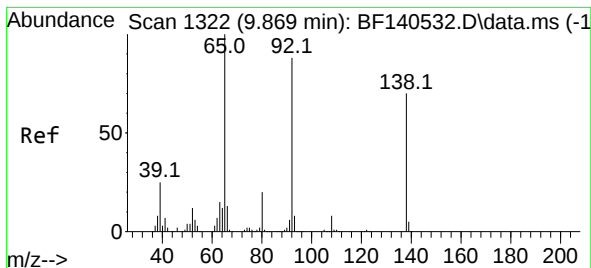
Delta R.T. -0.000 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Tgt Ion:154 Resp: 469075
 Ion Ratio Lower Upper
 154 100
 153 112.1 89.7 134.5
 152 53.6 42.5 63.7





#53
3-Nitroaniline
Concen: 29.170 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

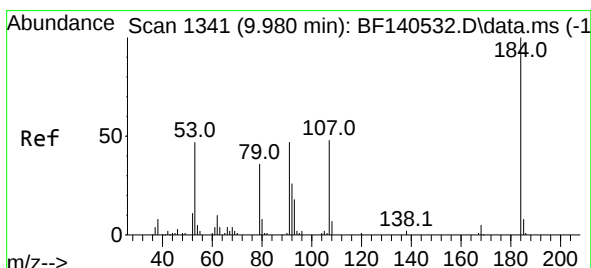
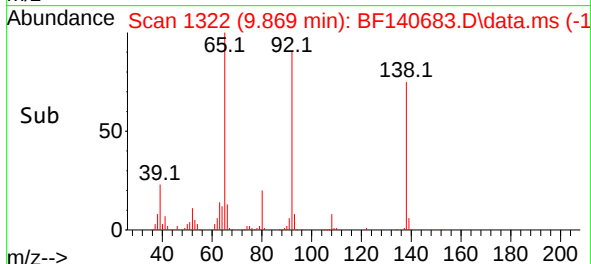
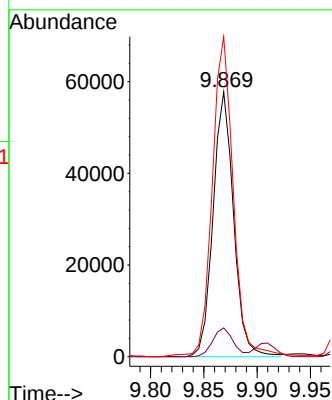
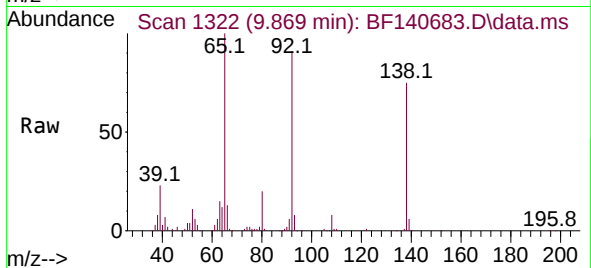
PB165296BS

Tgt Ion:138 Resp: 7728
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 120.9 100.6 150.8

Manual Integrations

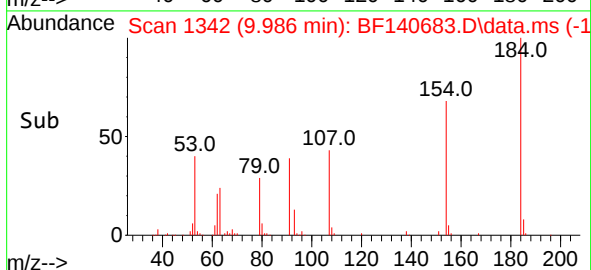
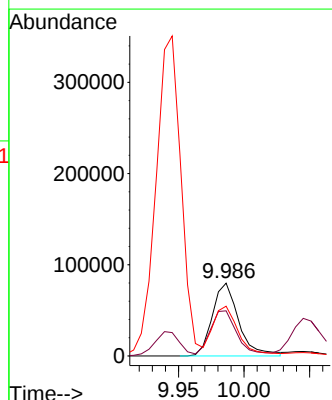
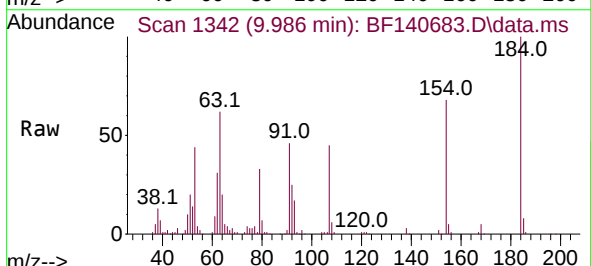
APPROVED

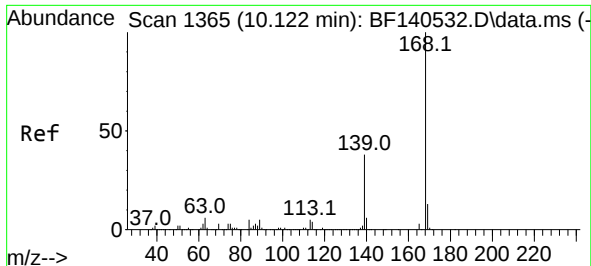
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#54
2,4-Dinitrophenol
Concen: 79.626 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:184 Resp: 111661
Ion Ratio Lower Upper
184 100
63 62.0 54.1 81.1
154 68.5 57.4 86.0





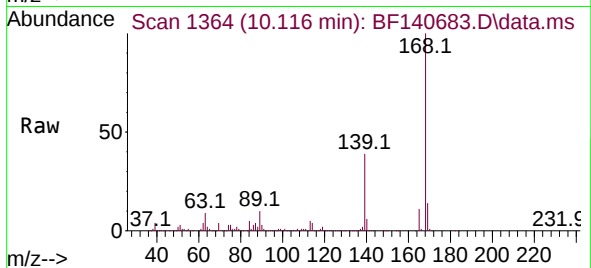
#55
Dibenzenofuran
Concen: 47.424 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

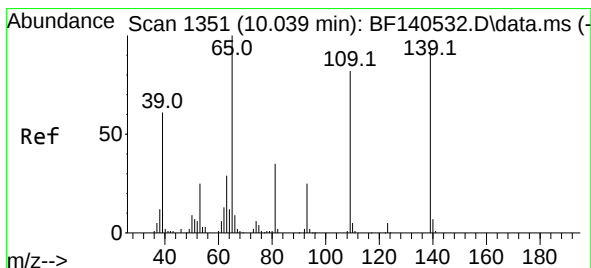
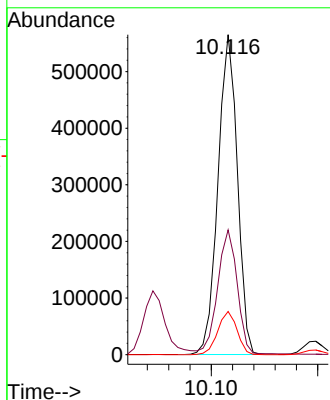
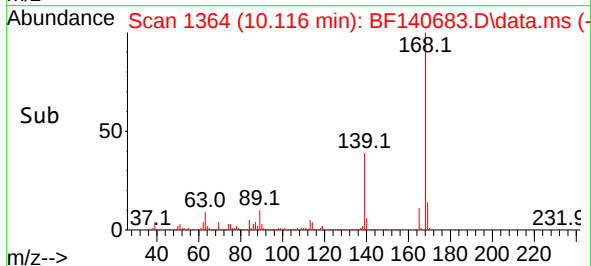
PB165296BS



Tgt Ion:168 Resp: 712544
Ion Ratio Lower Upper
168 100
139 39.0 31.3 46.9
169 13.5 10.5 15.7

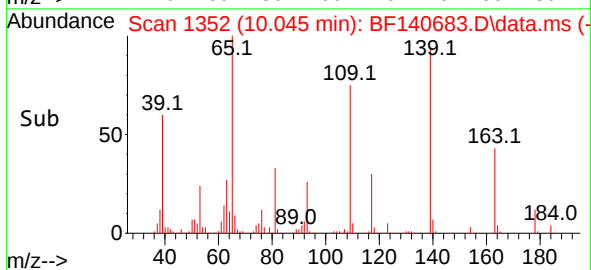
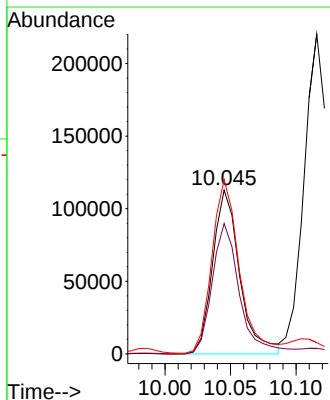
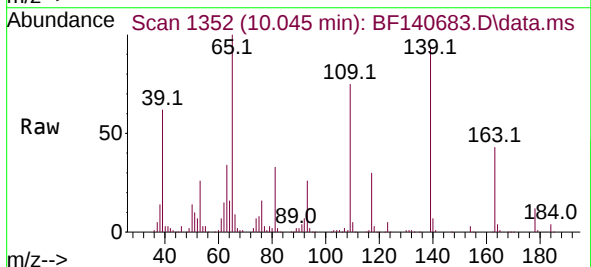
Manual Integrations
APPROVED

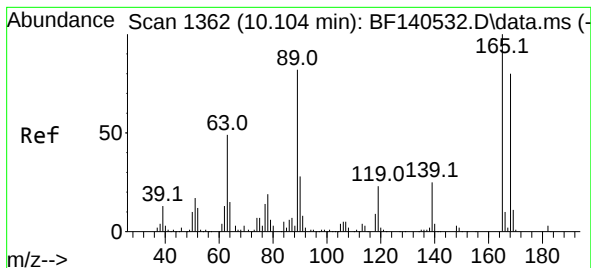
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#56
4-Nitrophenol
Concen: 89.650 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:139 Resp: 161998
Ion Ratio Lower Upper
139 100
109 79.6 68.4 108.4
65 106.5 88.6 128.6





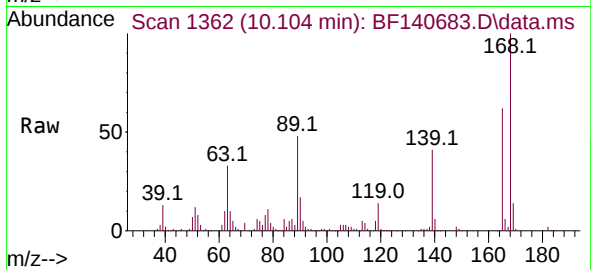
#57
2,4-Dinitrotoluene
Concen: 48.213 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS



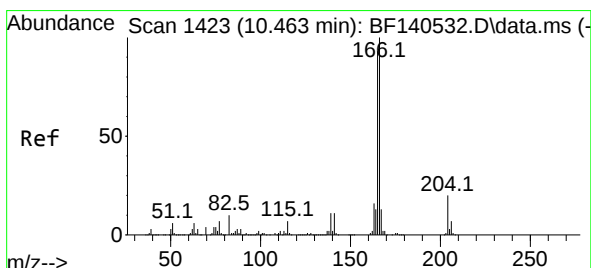
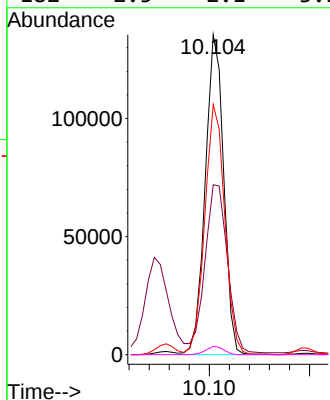
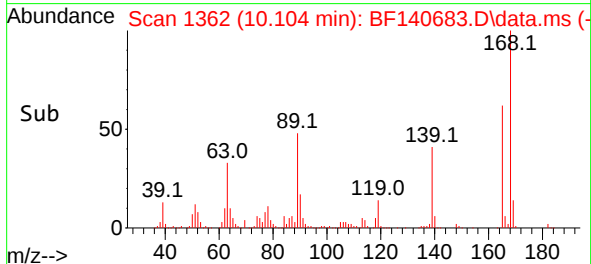
Tgt Ion:165 Resp: 17358
Ion Ratio Lower Upper
165 100
63 53.1 41.7 62.5
89 78.1 65.8 98.8
182 2.5 2.1 3.1

Manual Integrations

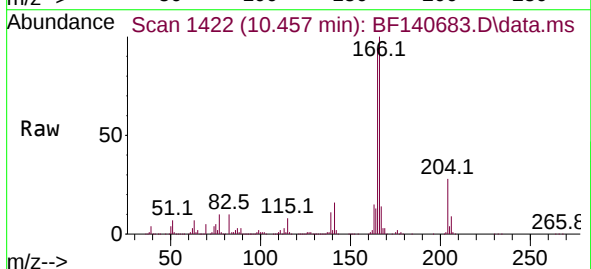
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

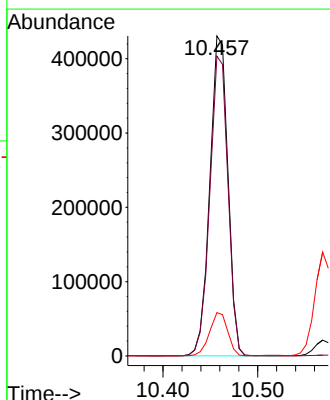
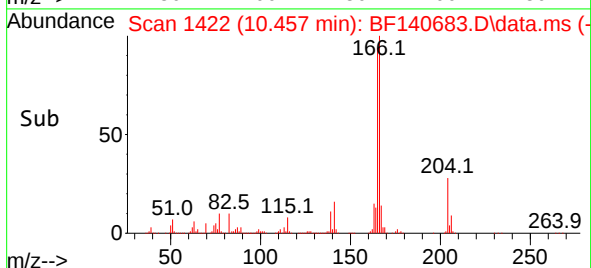
Supervised By :mohammad ahmed 12/05/2024

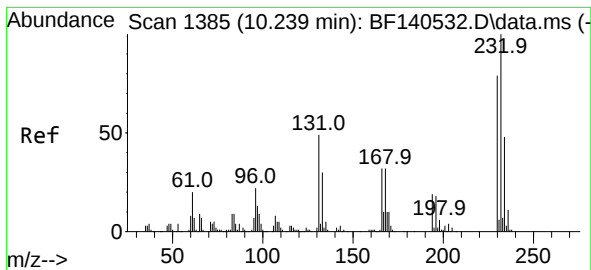


#58
Fluorene
Concen: 47.278 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23



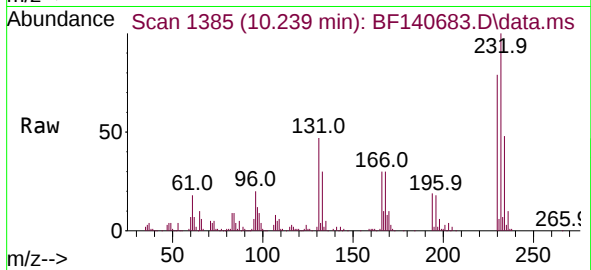
Tgt Ion:166 Resp: 570177
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.455 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

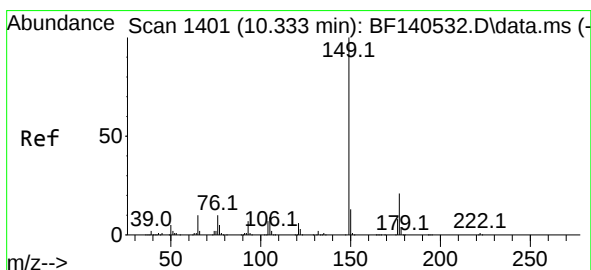
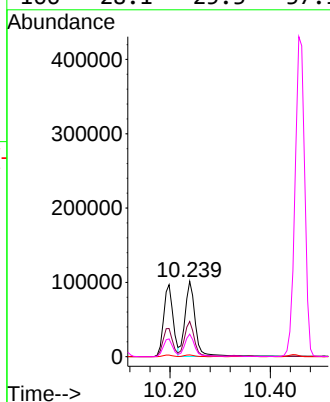
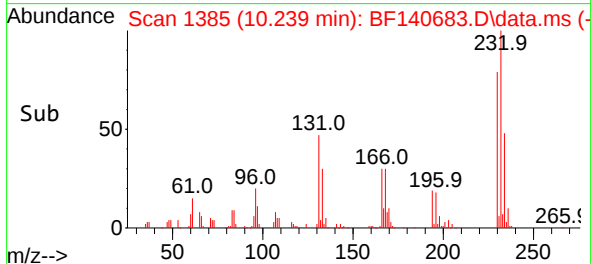
Instrument :
BNA_F
ClientSampleId :
PB165296BS



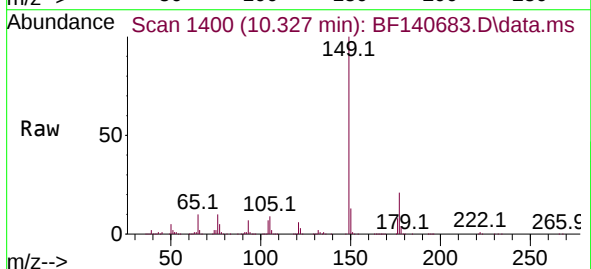
Tgt Ion:232 Resp: 142991
Ion Ratio Lower Upper
232 100
131 43.8 39.6 59.4
130 2.4 1.9 2.9
166 28.1 25.3 37.9

Manual Integrations
APPROVED

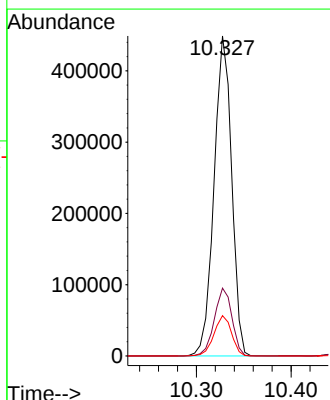
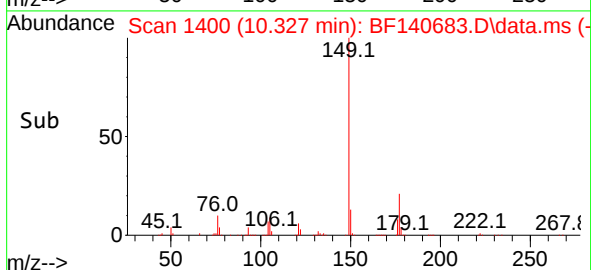
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

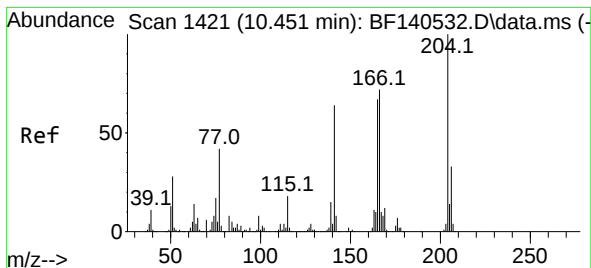


#60
Diethylphthalate
Concen: 47.811 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23



Tgt Ion:149 Resp: 580252
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.6 10.1 15.1





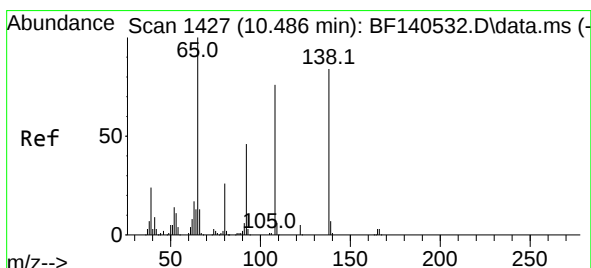
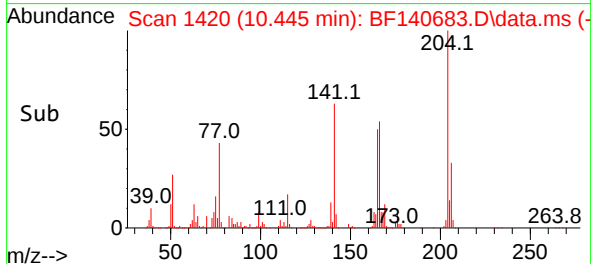
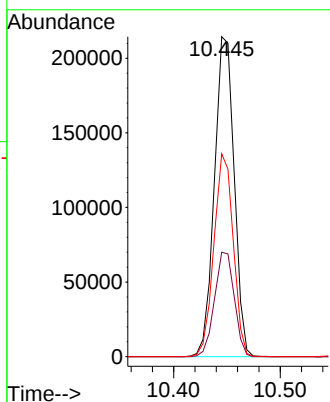
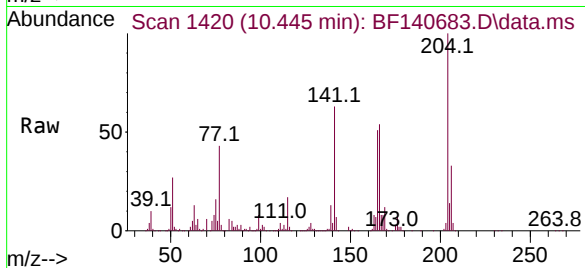
#61
4-Chlorophenyl-phenylether
Concen: 46.744 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB165296BS

Tgt Ion:204 Resp: 27665
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 63.4 51.1 76.7

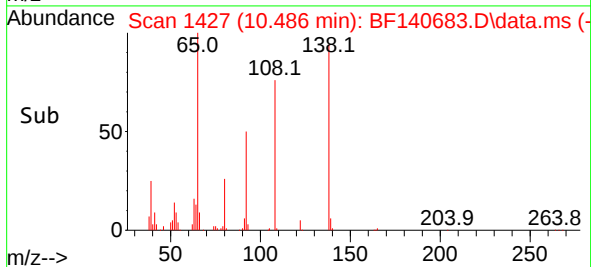
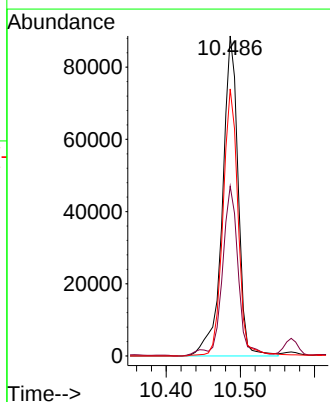
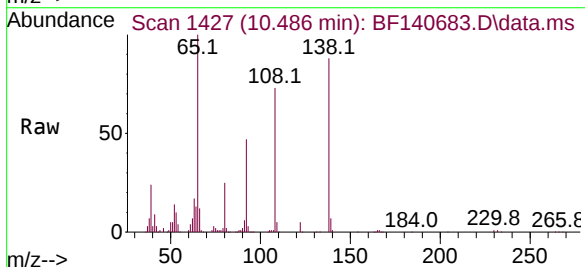
Manual Integrations
APPROVED

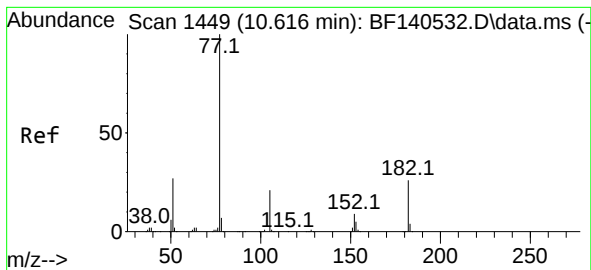
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#62
4-Nitroaniline
Concen: 47.167 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

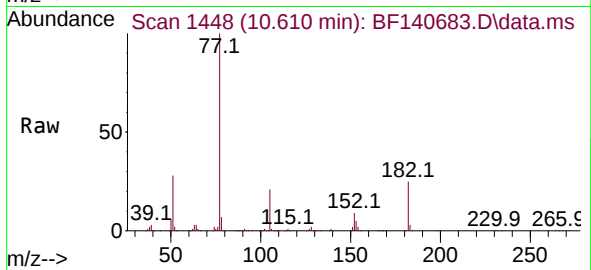
Tgt Ion:138 Resp: 131072
Ion Ratio Lower Upper
138 100
92 53.0 34.5 74.5
108 83.4 70.6 110.6





#63
Azobenzene
Concen: 47.316 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

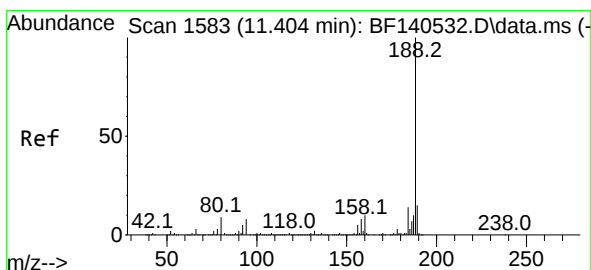
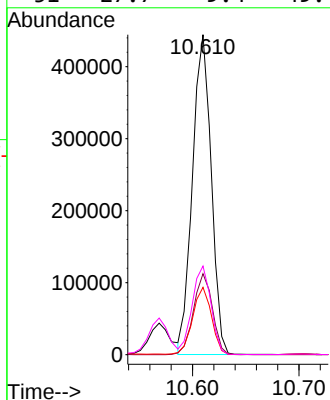
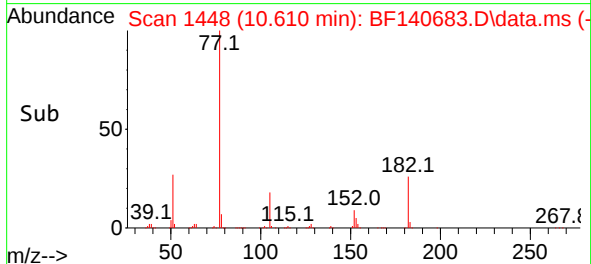
Instrument :
BNA_F
ClientSampleId :
PB165296BS



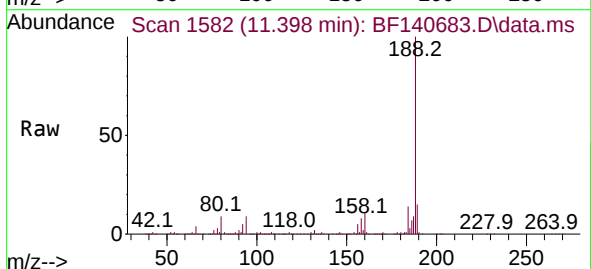
Tgt Ion: 77 Resp: 543798
Ion Ratio Lower Upper
77 100
182 25.3 5.3 45.3
105 21.0 0.3 40.3
51 27.7 9.4 49.4

Manual Integrations
APPROVED

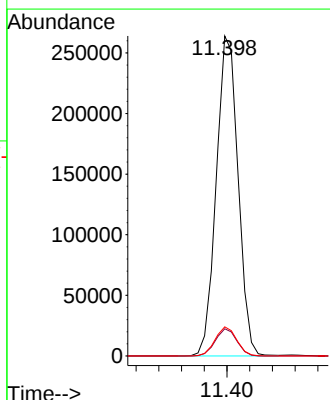
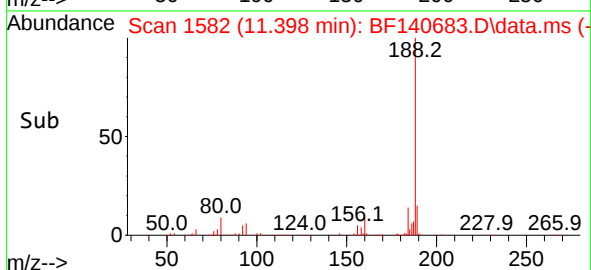
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23



Tgt Ion:188 Resp: 351850
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.1 6.9 10.3





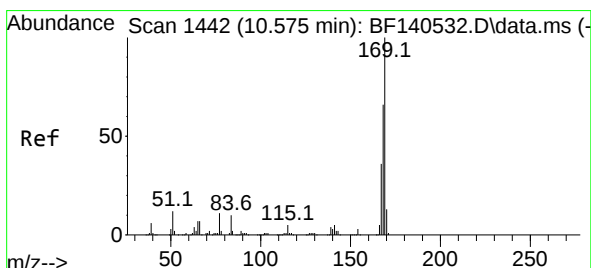
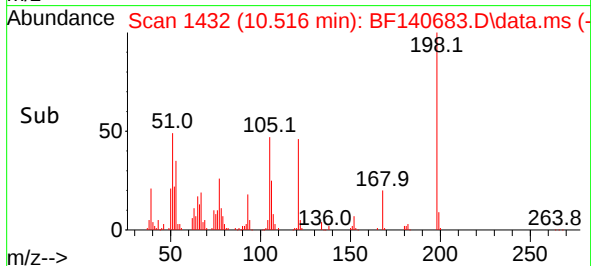
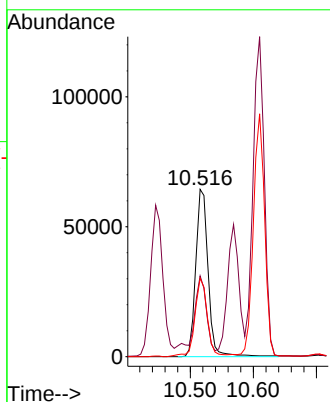
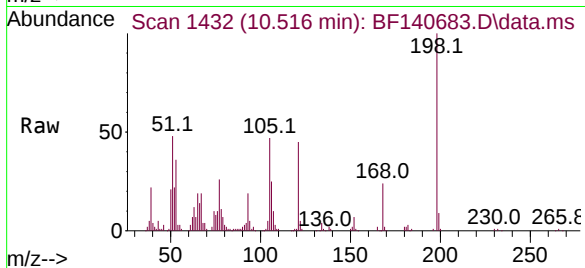
#65
4,6-Dinitro-2-methylphenol
Concen: 48.901 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB165296BS

Tgt Ion:198 Resp: 87920
Ion Ratio Lower Upper
198 100
51 48.3 29.4 69.4
105 46.9 25.4 65.4

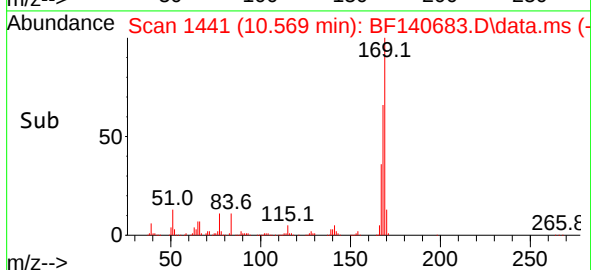
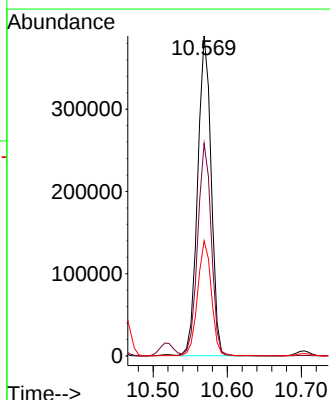
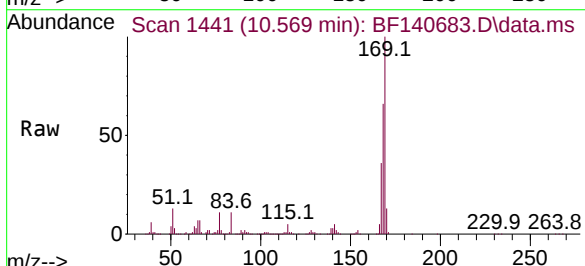
Manual Integrations
APPROVED

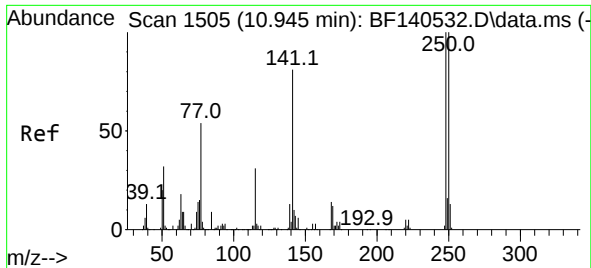
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#66
n-Nitrosodiphenylamine
Concen: 47.150 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:169 Resp: 490603
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.773 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

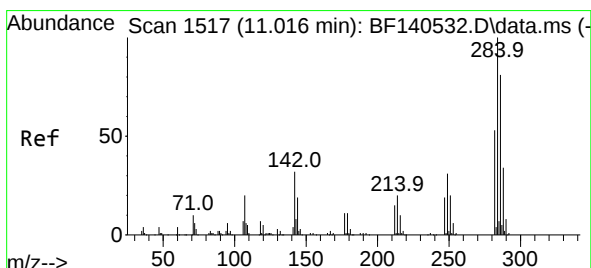
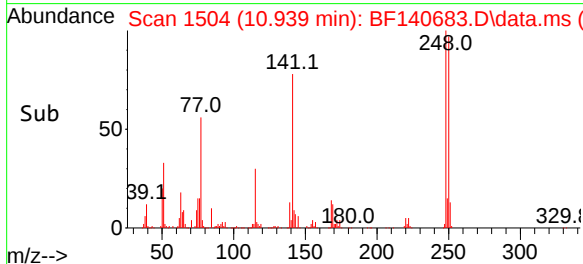
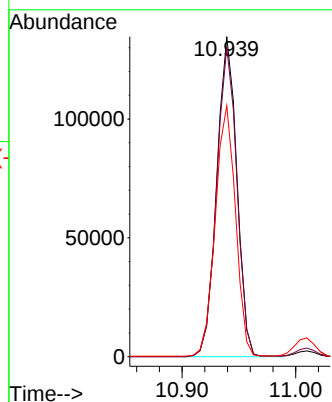
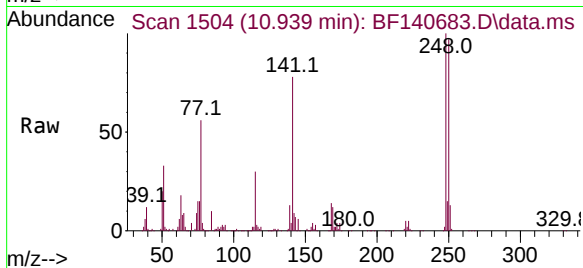
ClientSampleId :

PB165296BS

Tgt Ion:248 Resp: 16585
Ion Ratio Lower Upper
248 100
250 96.8 79.8 119.8
141 78.4 64.7 97.1

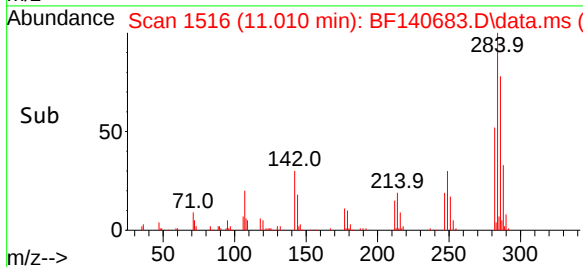
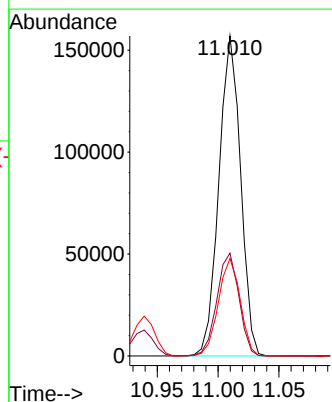
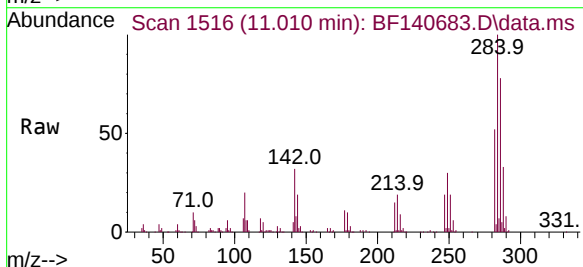
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#68
Hexachlorobenzene
Concen: 46.379 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:284 Resp: 194592
Ion Ratio Lower Upper
284 100
142 32.2 25.3 37.9
249 30.5 24.8 37.2





#69

Atrazine

Concen: 56.269 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

Tgt Ion:200 Resp: 164709

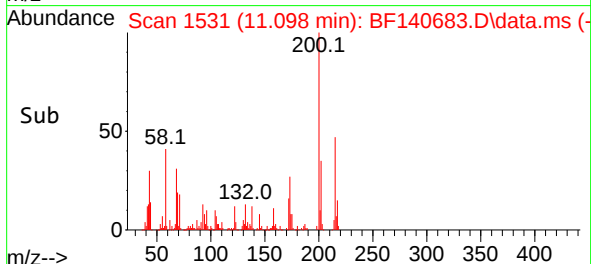
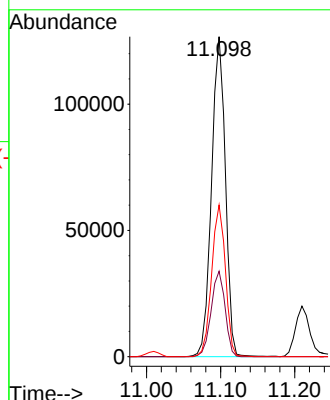
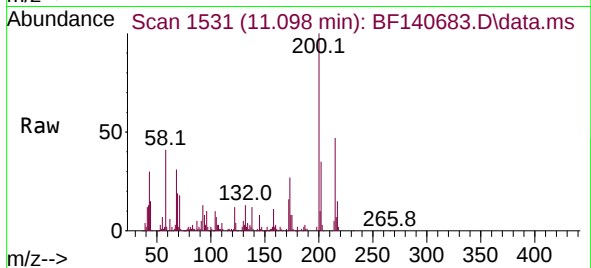
Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.0	47.0
215	47.4	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#70

Pentachlorophenol

Concen: 86.384 ng

RT: 11.210 min Scan# 1550

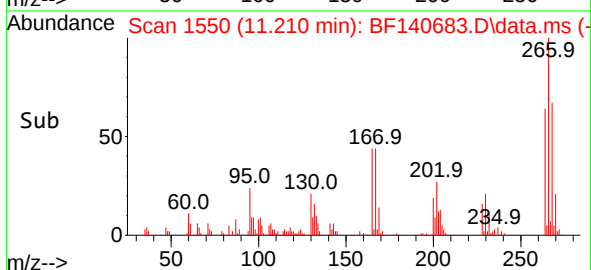
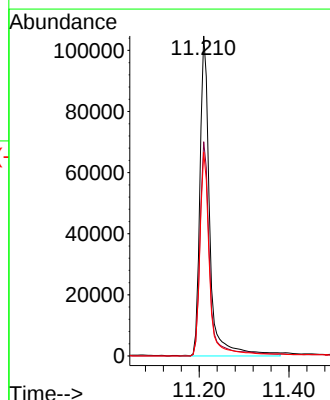
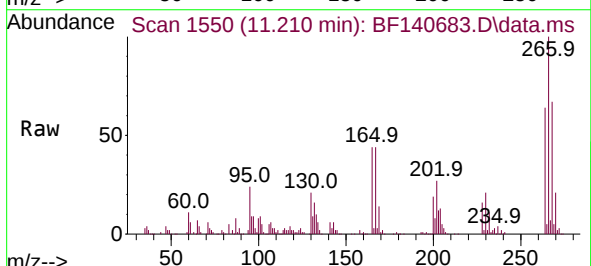
Delta R.T. -0.000 min

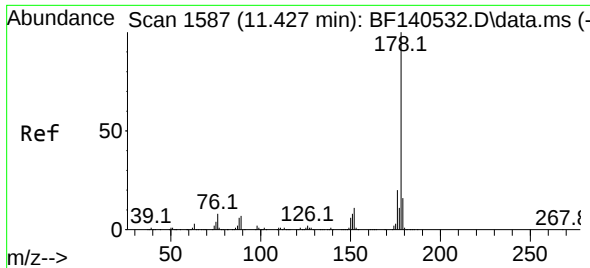
Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Tgt Ion:266 Resp: 159519

Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.7	80.5
264	63.6	49.8	74.8





#71
Phenanthrene
Concen: 47.608 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

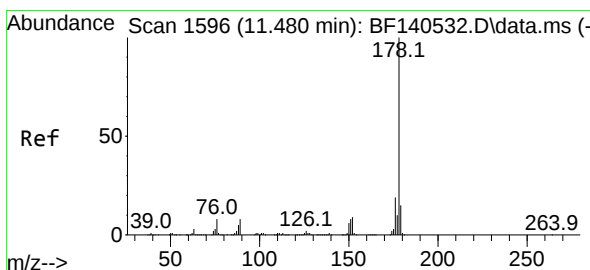
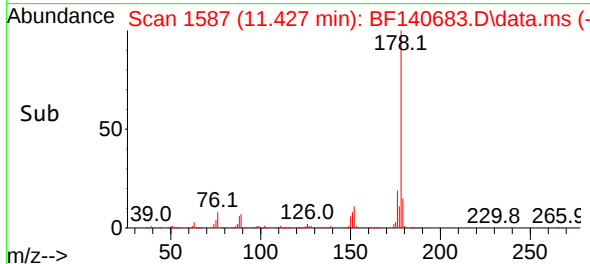
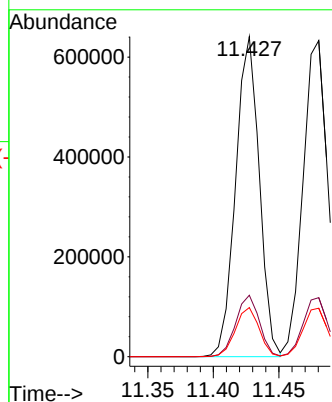
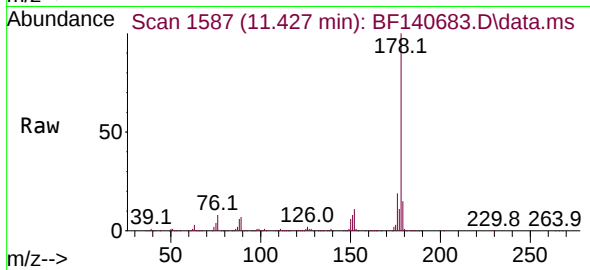
PB165296BS

Tgt Ion:178 Resp: 80519
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.4 12.4 18.6

Manual Integrations

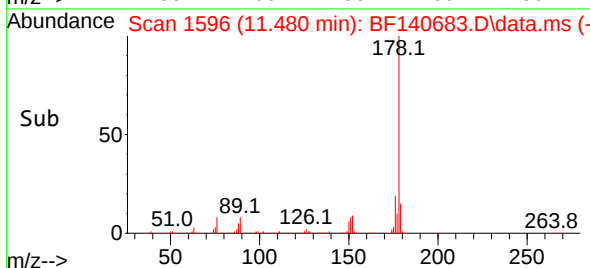
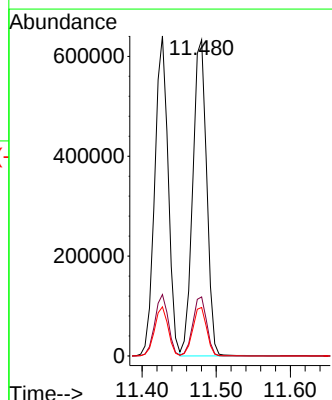
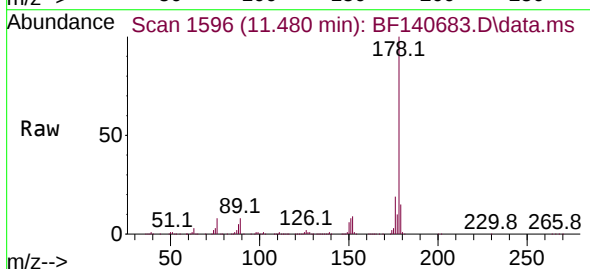
APPROVED

Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#72
Anthracene
Concen: 49.701 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:178 Resp: 822267
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





#73

Carbazole

Concen: 48.339 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

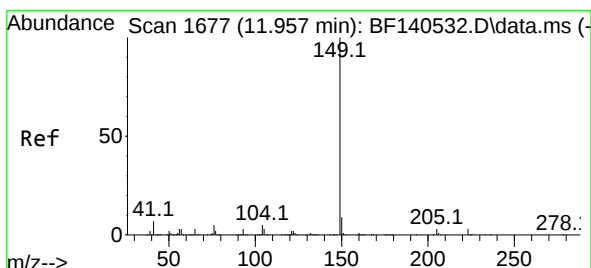
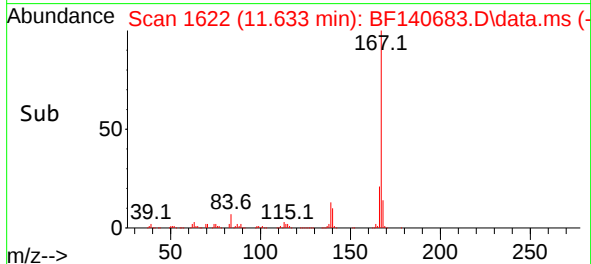
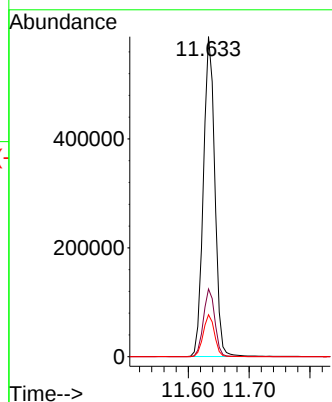
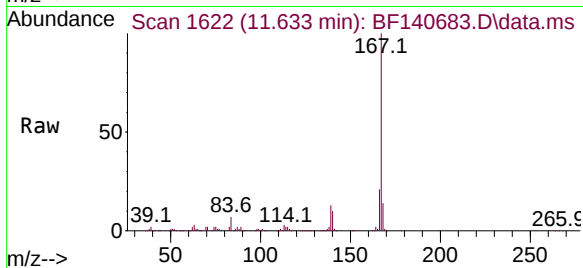
Tgt Ion:167	Resp: 76934
Ion Ratio	Lower Upper
167 100	
166 21.1	17.2 25.8
139 13.1	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#74

Di-n-butylphthalate

Concen: 48.570 ng

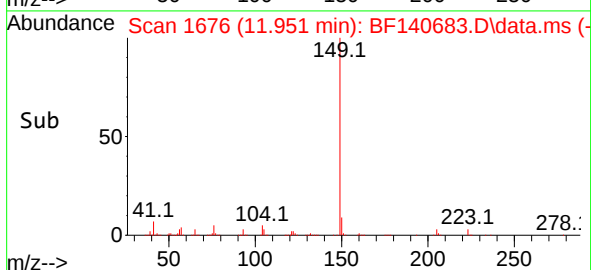
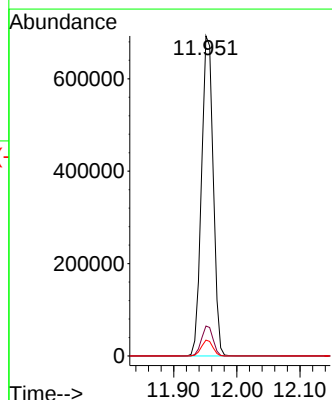
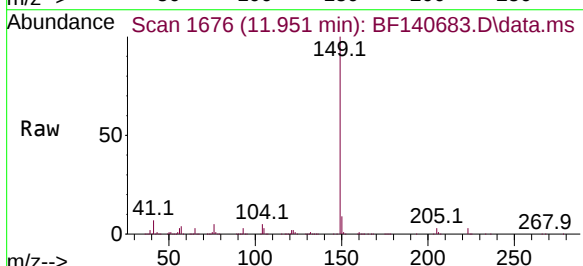
RT: 11.951 min Scan# 1676

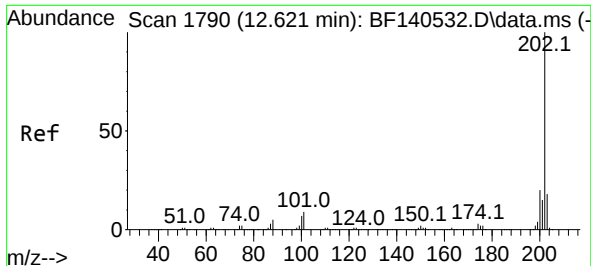
Delta R.T. -0.006 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Tgt Ion:149	Resp: 892443
Ion Ratio	Lower Upper
149 100	
150 9.3	7.5 11.3
104 4.9	4.1 6.1





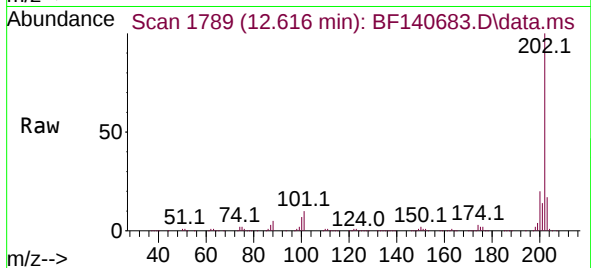
#75
Fluoranthene
Concen: 50.515 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS



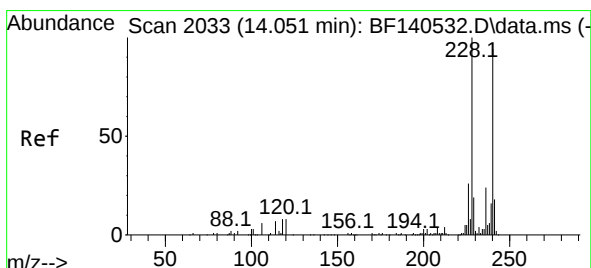
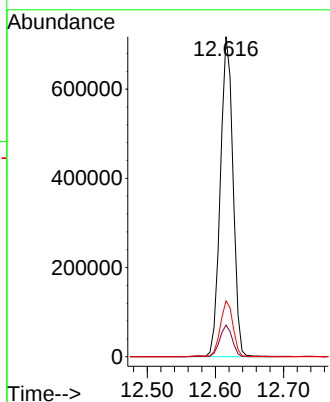
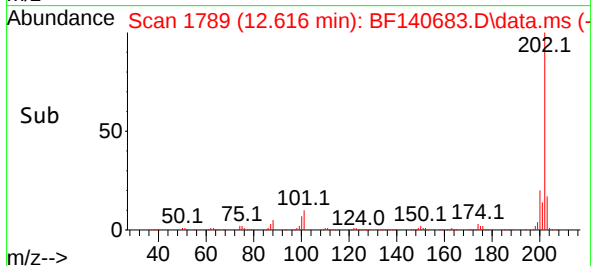
Tgt Ion:202 Resp: 92762
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.9
203 17.5 0.0 37.6

Manual Integrations

APPROVED

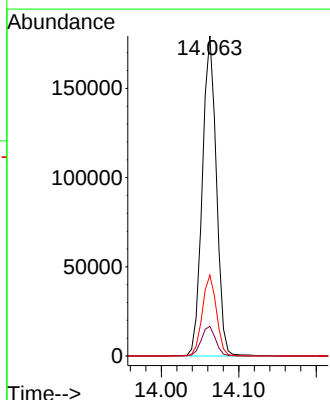
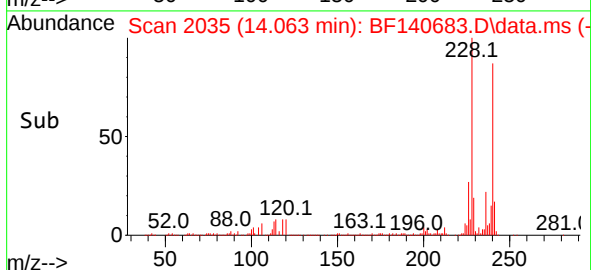
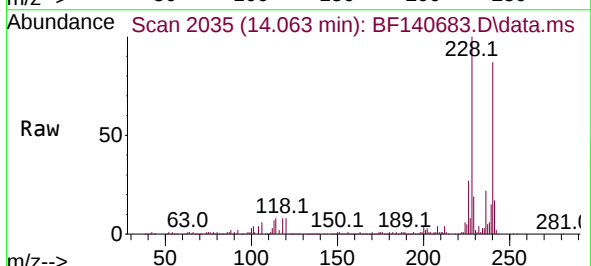
Reviewed By :Yogesh Patel 12/03/2024

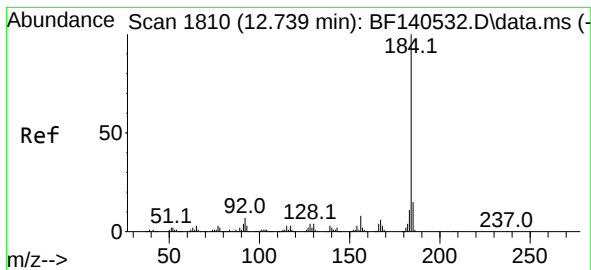
Supervised By :mohammad ahmed 12/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:240 Resp: 225717
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.2 20.6 31.0





#77

Benzidine

Concen: 30.598 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

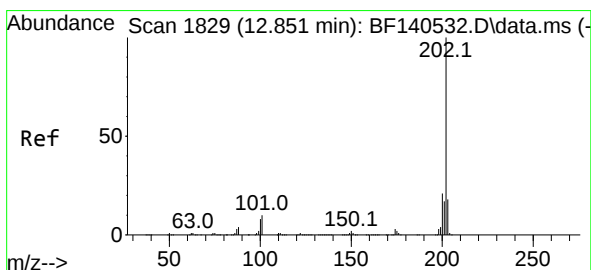
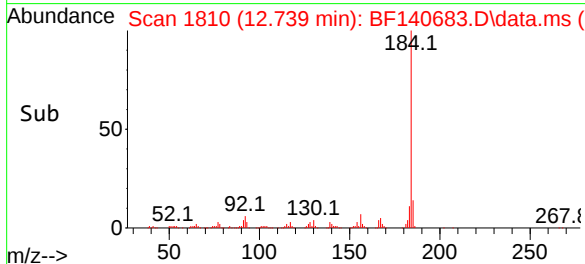
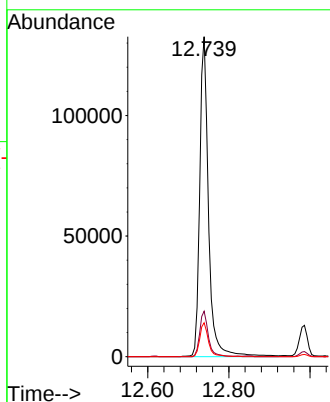
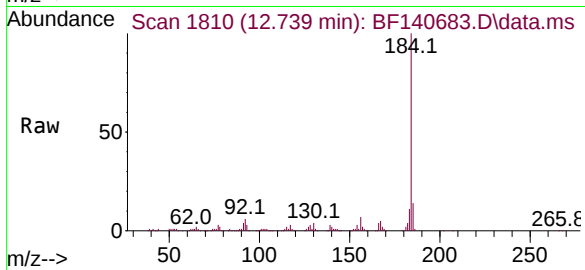
Tgt Ion:184	Resp: 200804
Ion Ratio	Lower Upper
184	100
185	14.2 11.7 17.5
183	10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#78

Pyrene

Concen: 46.046 ng

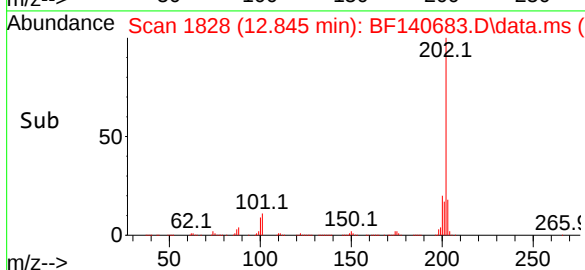
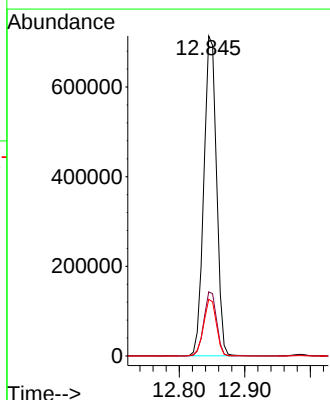
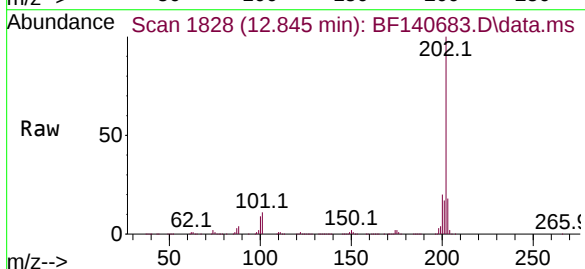
RT: 12.845 min Scan# 1828

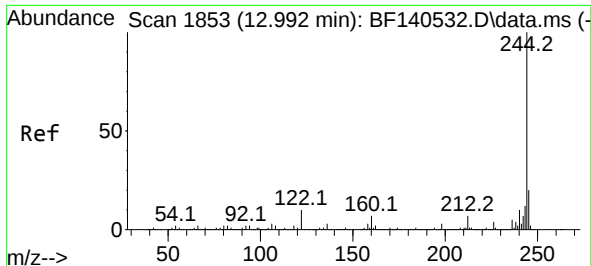
Delta R.T. -0.006 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Tgt Ion:202	Resp: 961001
Ion Ratio	Lower Upper
202	100
200	20.1 16.5 24.7
203	17.7 14.2 21.4





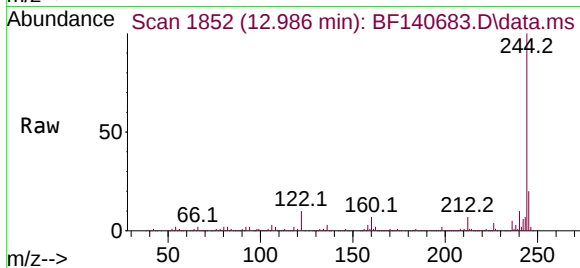
#79
 Terphenyl-d14
 Concen: 87.497 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140683.D
 Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

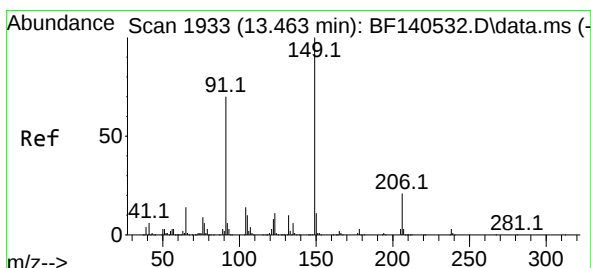
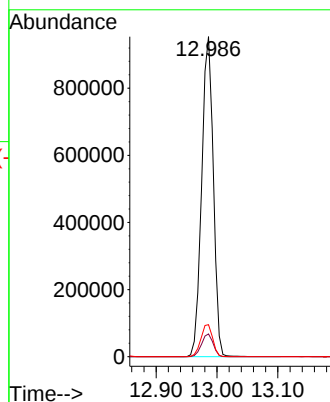
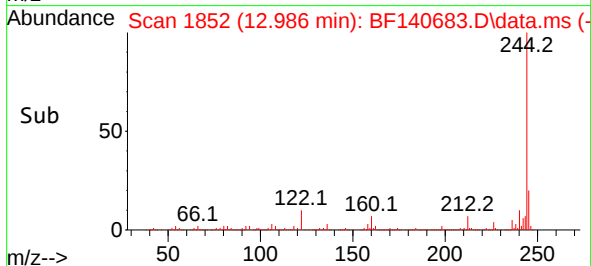


Tgt Ion:244 Resp: 1268330
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.0 8.0 12.0

Manual Integrations

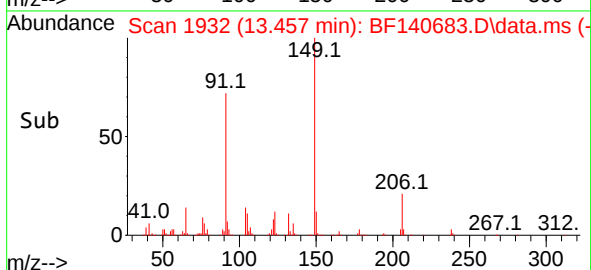
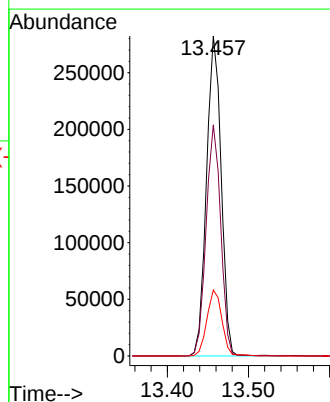
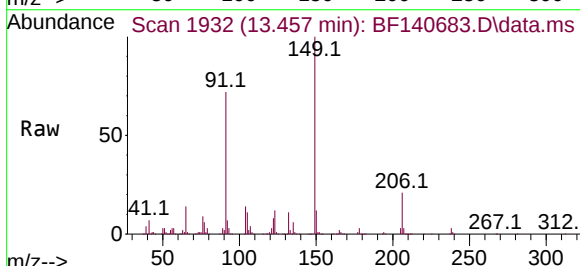
APPROVED

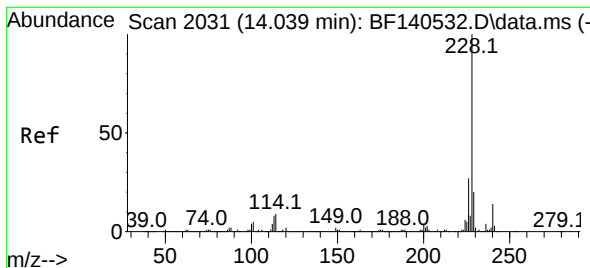
Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024



#80
 Butylbenzylphthalate
 Concen: 47.047 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140683.D
 Acq: 02 Dec 2024 11:23

Tgt Ion:149 Resp: 353715
 Ion Ratio Lower Upper
 149 100
 91 72.3 56.2 84.2
 206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 48.161 ng

RT: 14.051 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF140683.D

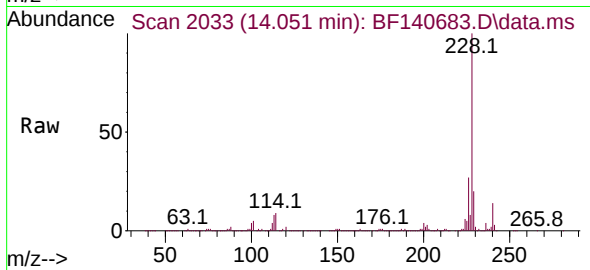
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS



Tgt Ion:228 Resp: 71959

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

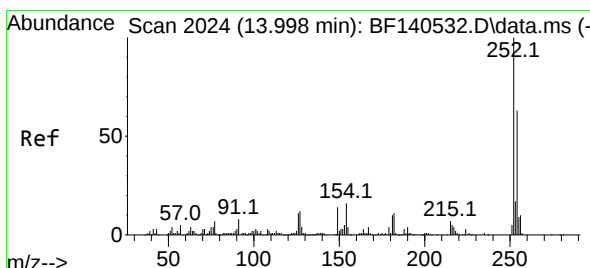
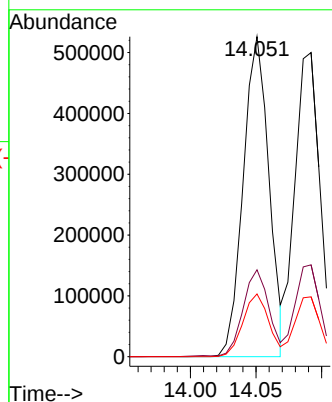
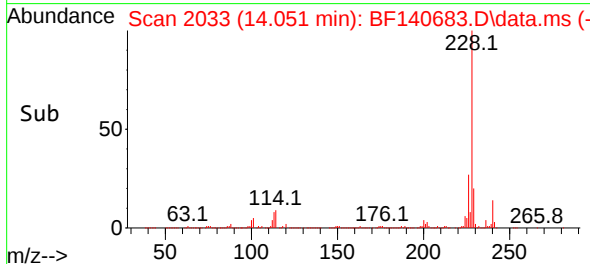
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#82

3,3'-Dichlorobenzidine

Concen: 27.099 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

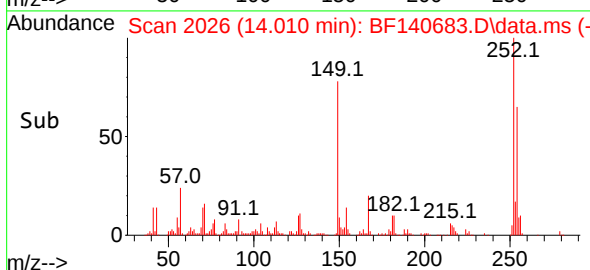
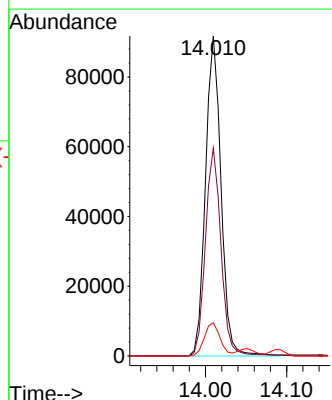
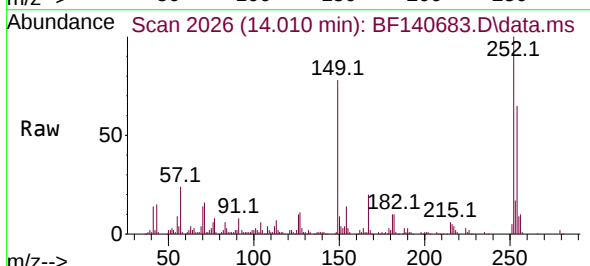
Tgt Ion:252 Resp: 121565

Ion Ratio Lower Upper

252 100

254 65.0 50.8 76.2

126 10.4 8.6 13.0





#83

Chrysene

Concen: 48.520 ng

RT: 14.092 min Scan# 2038

Delta R.T. 0.012 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

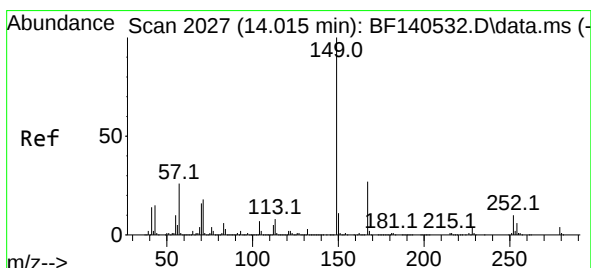
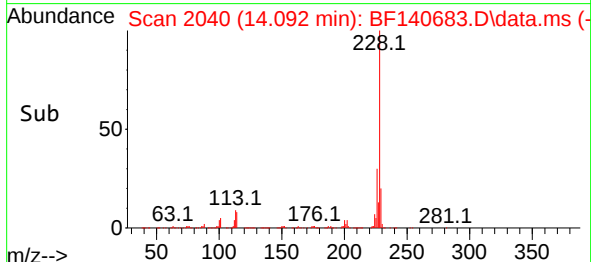
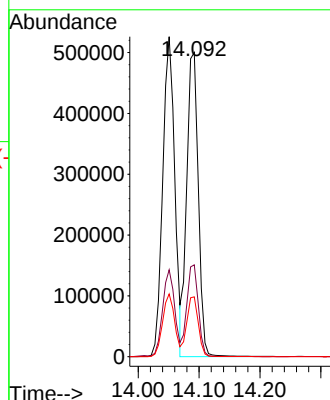
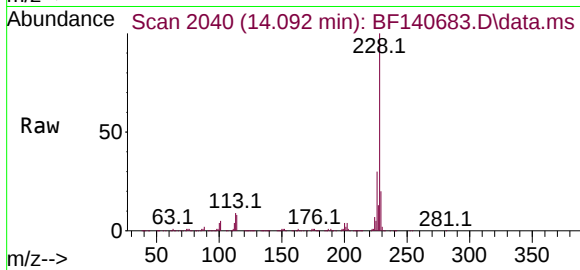
Tgt Ion:228 Resp: 662894
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.266 ng

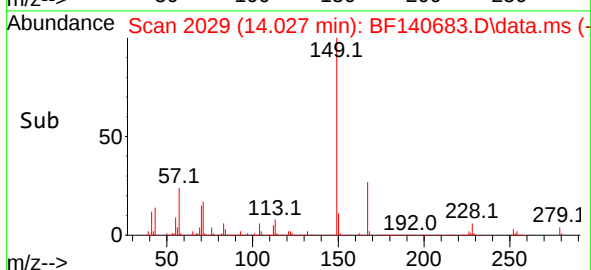
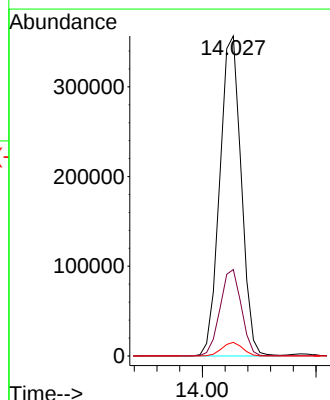
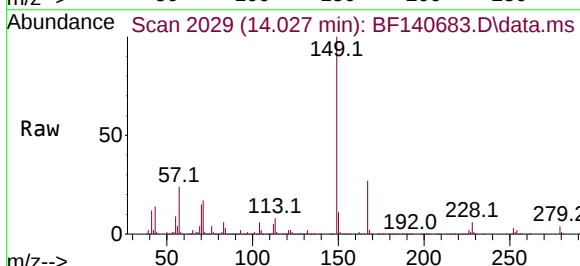
RT: 14.027 min Scan# 2029

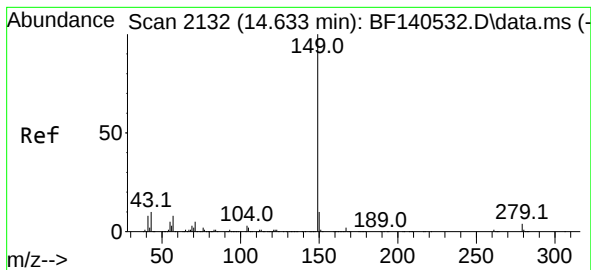
Delta R.T. 0.012 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Tgt Ion:149 Resp: 467704
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.2 31.8
 279 4.3 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 52.067 ng
RT: 14.668 min Scan# 2138
Delta R.T. 0.035 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

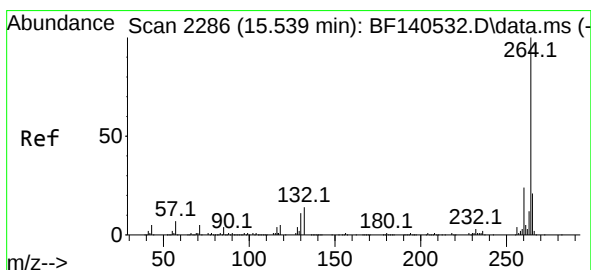
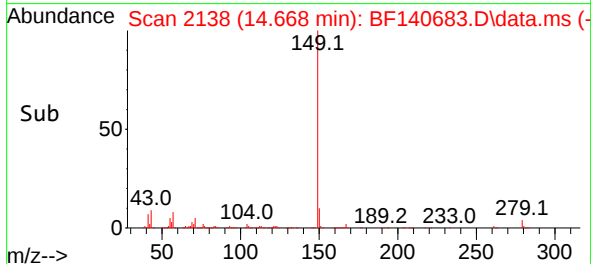
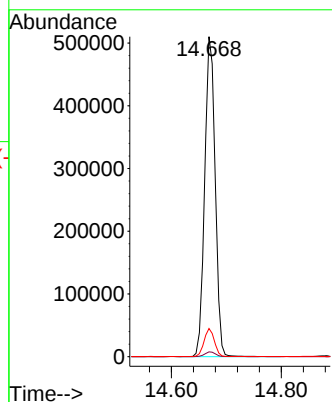
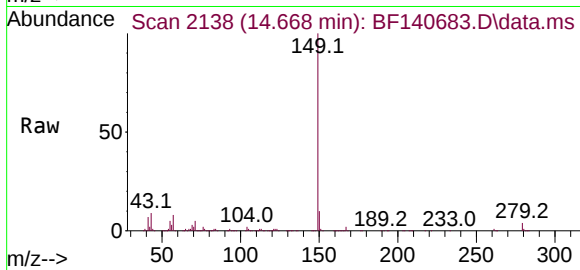
PB165296BS

Tgt Ion:149 Resp: 67552
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.7 11.5

Manual Integrations

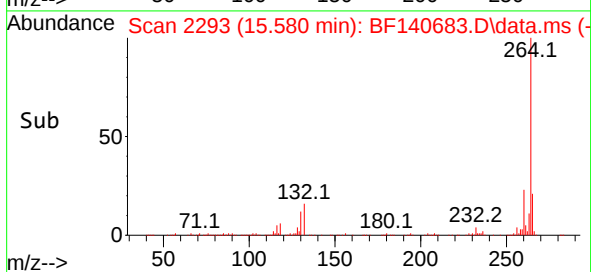
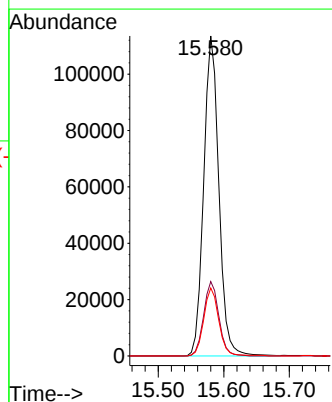
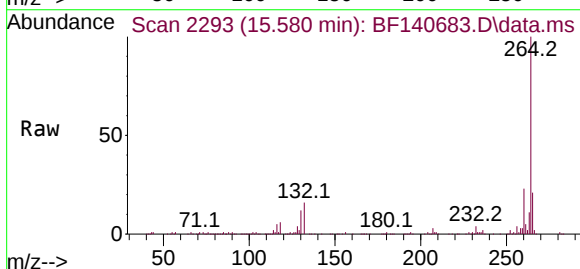
APPROVED

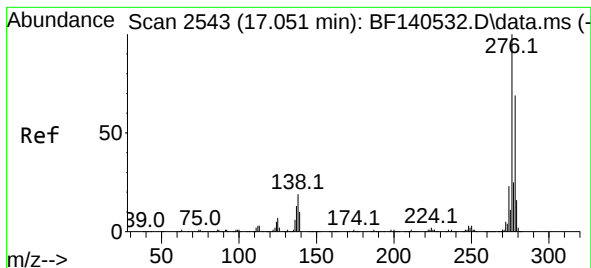
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2293
Delta R.T. 0.041 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:264 Resp: 182835
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.584 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS

Tgt Ion:276 Resp: 56696

Ion Ratio Lower Upper

276 100

138 21.5 15.5 23.3

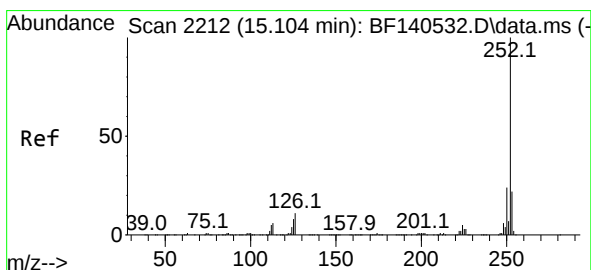
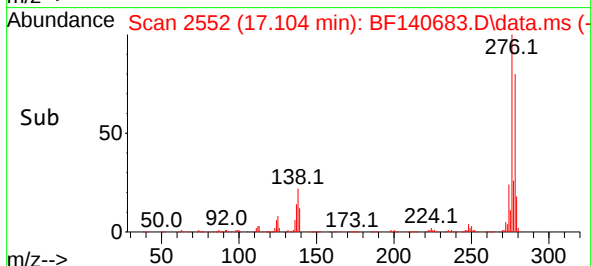
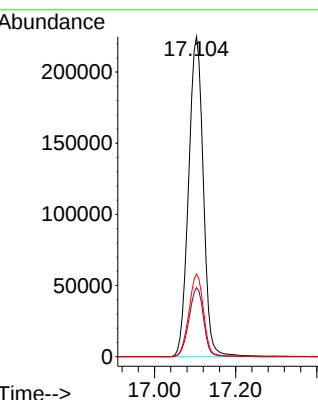
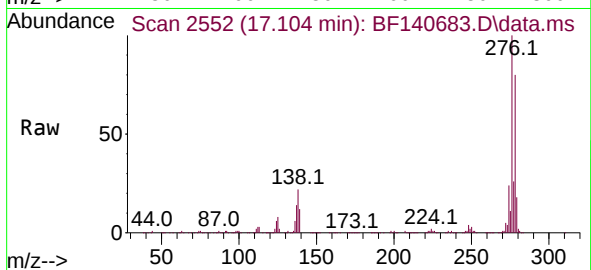
277 25.8 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#88

Benzo(b)fluoranthene

Concen: 47.220 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.041 min

Lab File: BF140683.D

Acq: 02 Dec 2024 11:23

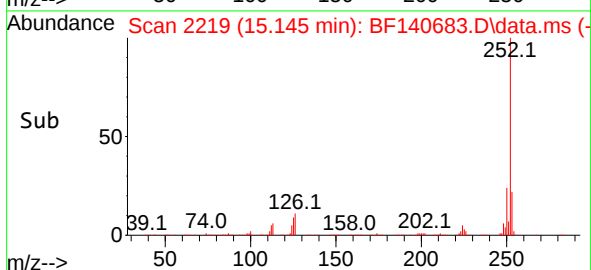
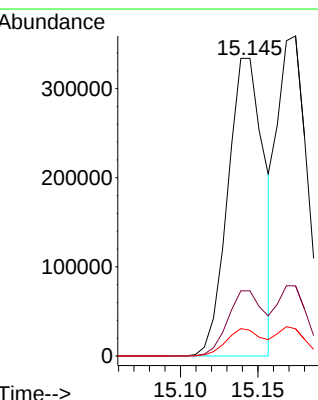
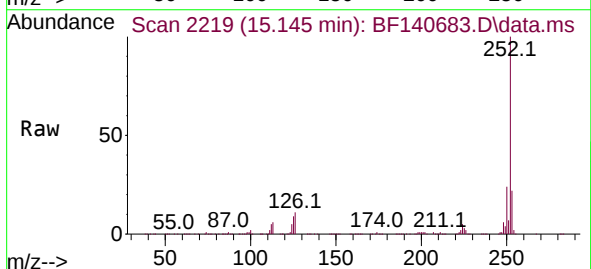
Tgt Ion:252 Resp: 542277

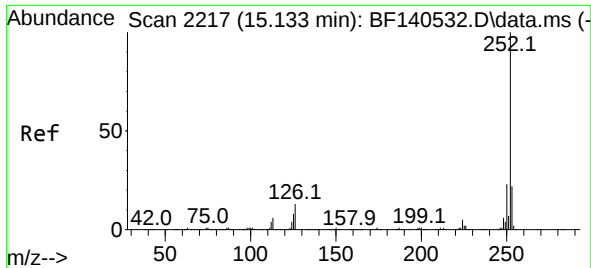
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.6 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 48.918 ng
RT: 15.174 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

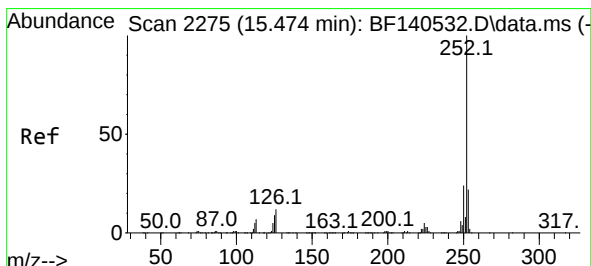
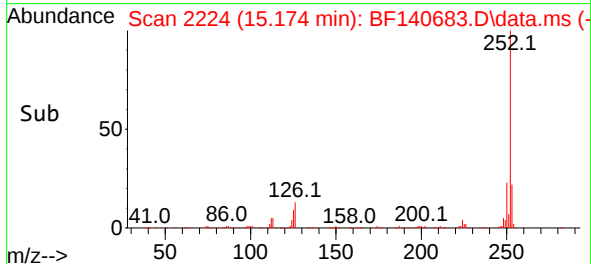
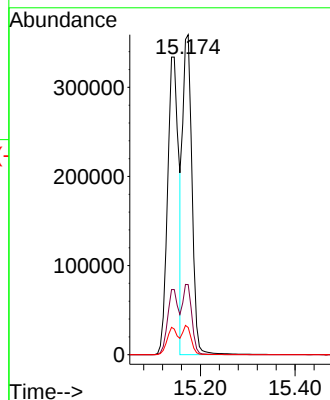
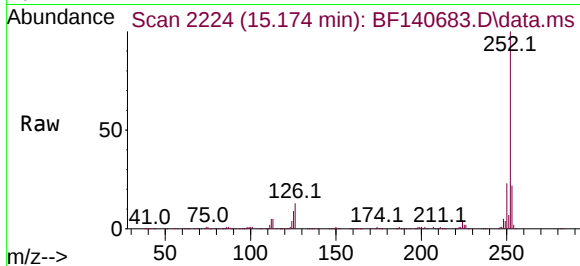
PB165296BS

Tgt Ion:252 Resp: 49161
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.5 6.5 9.7

Manual Integrations

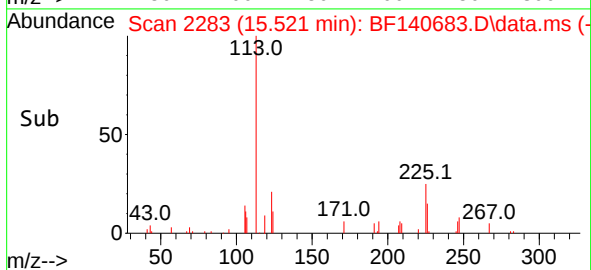
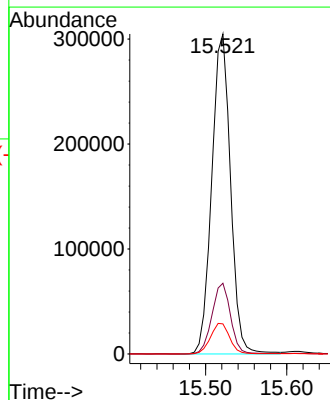
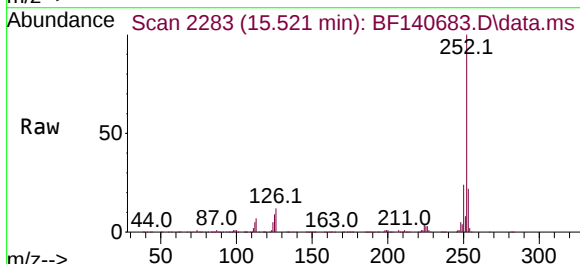
APPROVED

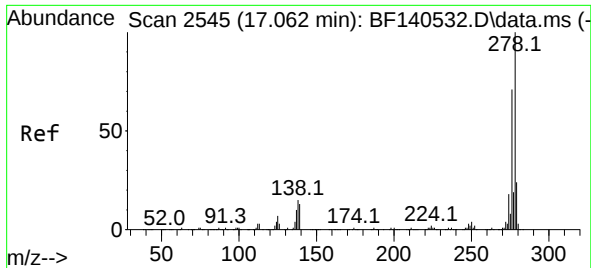
Reviewed By :Yogesh Patel 12/03/2024
Supervised By :mohammad ahmed 12/05/2024



#90
Benzo(a)pyrene
Concen: 52.357 ng
RT: 15.521 min Scan# 2283
Delta R.T. 0.047 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Tgt Ion:252 Resp: 488885
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.4 7.0 10.6





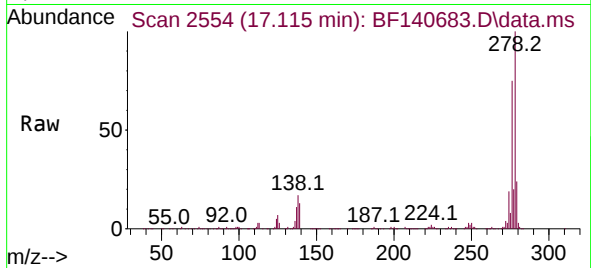
#91
Dibenzo(a,h)anthracene
Concen: 47.439 ng
RT: 17.115 min Scan# 2554
Delta R.T. 0.053 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB165296BS



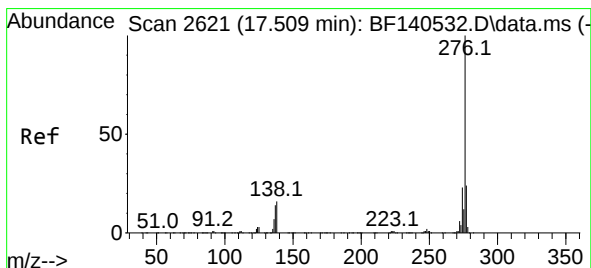
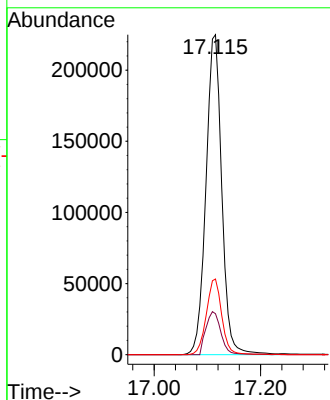
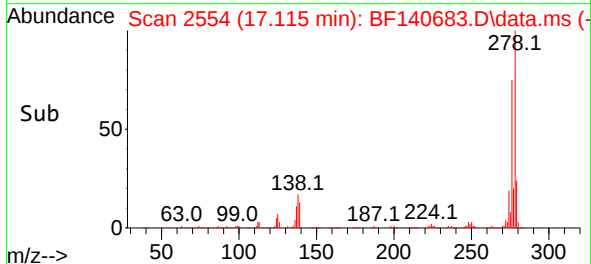
Tgt Ion:278 Resp: 462910
Ion Ratio Lower Upper
278 100
139 12.8 10.2 15.4
279 23.7 18.9 28.3

Manual Integrations

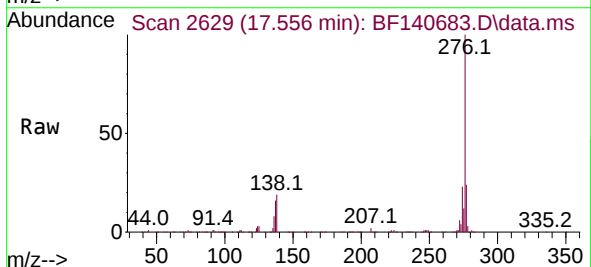
APPROVED

Reviewed By :Yogesh Patel 12/03/2024

Supervised By :mohammad ahmed 12/05/2024



#92
Benzo(g,h,i)perylene
Concen: 43.881 ng
RT: 17.556 min Scan# 2629
Delta R.T. 0.047 min
Lab File: BF140683.D
Acq: 02 Dec 2024 11:23



Tgt Ion:276 Resp: 436948
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 18.6 13.2 19.8

