

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140745.D
 Acq On : 05 Dec 2024 13:44
 Operator : RC/JU
 Sample : PB165366BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165366BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024

Quant Time: Dec 05 14:09:03 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	6.875	152	73438	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	290353	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	169894	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326566	20.000	ng	0.00
76) Chrysene-d12	14.062	240	212008	20.000	ng	0.01
86) Perylene-d12	15.568	264	170579	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	636384	147.853	ng	0.02
7) Phenol-d6	6.522	99	835389	146.812	ng	0.00
23) Nitrobenzene-d5	7.439	82	539320	95.010	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	284729	156.700	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1111154	97.446	ng	0.00
79) Terphenyl-d14	12.992	244	1326979	97.462	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	68429	37.813	ng	99
3) Pyridine	3.504	79	163205	40.989	ng	99
4) n-Nitrosodimethylamine	3.451	42	103406	44.187	ng	94
6) Aniline	6.545	93	225924	56.409	ng	99
8) 2-Chlorophenol	6.669	128	238381	51.479	ng	95
9) Benzaldehyde	6.428	77	51289	17.026	ng	99
10) Phenol	6.534	94	302851	52.116	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	239295	53.812	ng	97
12) 1,3-Dichlorobenzene	6.816	146	240563	46.234	ng	98
13) 1,4-Dichlorobenzene	6.892	146	244651	46.437	ng	99
14) 1,2-Dichlorobenzene	7.045	146	233908	47.381	ng	99
15) Benzyl Alcohol	7.022	79	211225	50.055	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	262075	49.886	ng	71
17) 2-Methylphenol	7.139	107	191196	51.580	ng	95
18) Hexachloroethane	7.381	117	91737	46.622	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	170901	50.820	ng	97
20) 3+4-Methylphenols	7.292	107	257427	54.031	ng	# 85
22) Acetophenone	7.286	105	331848	46.880	ng	96
24) Nitrobenzene	7.457	77	262833	44.800	ng	99
25) Isophorone	7.698	82	467670	49.395	ng	99
26) 2-Nitrophenol	7.775	139	127903	49.195	ng	98
27) 2,4-Dimethylphenol	7.816	122	201208m	64.682	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	287939	49.921	ng	99
29) 2,4-Dichlorophenol	8.028	162	213809	51.871	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	211384	44.915	ng	99
31) Naphthalene	8.175	128	707571	47.311	ng	99
32) Benzoic acid	7.963	122	109740	41.657	ng	96
33) 4-Chloroaniline	8.245	127	117923	26.335	ng	97
34) Hexachlorobutadiene	8.286	225	139802	44.848	ng	100
35) Caprolactam	8.610	113	64723m	50.739	ng	
36) 4-Chloro-3-methylphenol	8.727	107	237026	51.359	ng	99
37) 2-Methylnaphthalene	8.869	142	478177	50.338	ng	99
38) 1-Methylnaphthalene	8.969	142	442351	47.508	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	235475	47.344	ng	99
41) Hexachlorocyclopentadiene	9.016	237	185251	157.892	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	154223	49.416	ng	99

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

Quant Time: Dec 05 14:09:03 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

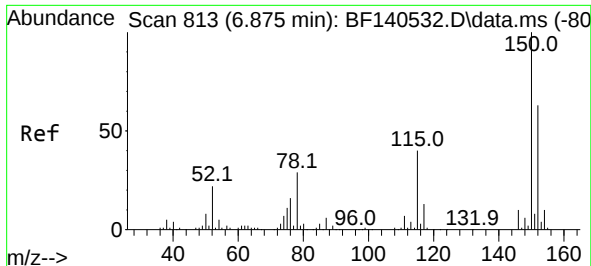
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	162300	47.917	ng	97
46) 1,1'-Biphenyl	9.333	154	615541	48.527	ng	100
47) 2-Chloronaphthalene	9.357	162	458743	47.730	ng	100
48) 2-Nitroaniline	9.463	65	150559	48.803	ng	97
49) Acenaphthylene	9.774	152	747796	51.494	ng	100
50) Dimethylphthalate	9.633	163	568783	50.834	ng	100
51) 2,6-Dinitrotoluene	9.704	165	121905	48.039	ng	96
52) Acenaphthene	9.945	154	454140	49.218	ng	100
53) 3-Nitroaniline	9.880	138	84718	34.134	ng	91
54) 2,4-Dinitrophenol	9.992	184	121059	90.928	ng	99
55) Dibenzofuran	10.122	168	687880	48.875	ng	99
56) 4-Nitrophenol	10.057	139	144898	85.603	ng	95
57) 2,4-Dinitrotoluene	10.116	165	162932	48.311	ng	# 94
58) Fluorene	10.463	166	562727	49.812	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	147607	56.704	ng	91
60) Diethylphthalate	10.333	149	569902	50.131	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	278261	50.190	ng	99
62) 4-Nitroaniline	10.498	138	122280	46.975	ng	96
63) Azobenzene	10.616	77	545233	50.645	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	89087	53.385	ng	94
66) n-Nitrosodiphenylamine	10.574	169	478925	49.591	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	170669	50.747	ng	94
68) Hexachlorobenzene	11.016	284	186026	47.770	ng	99
69) Atrazine	11.104	200	149217	54.923	ng	99
70) Pentachlorophenol	11.221	266	146595	85.532	ng	98
71) Phenanthrene	11.433	178	794972	50.643	ng	99
72) Anthracene	11.480	178	803928	52.355	ng	100
73) Carbazole	11.639	167	731906	49.547	ng	100
74) Di-n-butylphthalate	11.957	149	896668	52.578	ng	100
75) Fluoranthene	12.621	202	865509	50.782	ng	99
77) Benzidine	12.751	184	140289	22.759	ng	100
78) Pyrene	12.851	202	883906	45.091	ng	99
80) Butylbenzylphthalate	13.462	149	351790	49.817	ng	98
81) Benzo(a)anthracene	14.051	228	708052	50.452	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	163909	38.900	ng	99
83) Chrysene	14.086	228	642829	50.093	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	455860	51.123	ng	98
85) Di-n-octyl phthalate	14.651	149	628341	51.562	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	557039	50.109	ng	99
88) Benzo(b)fluoranthene	15.127	252	558652	52.141	ng	98
89) Benzo(k)fluoranthene	15.156	252	474030	50.558	ng	99
90) Benzo(a)pyrene	15.504	252	475718	54.607	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	459704	50.495	ng	99
92) Benzo(g,h,i)perylene	17.550	276	416590	44.843	ng	99

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

Manual Integrations

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

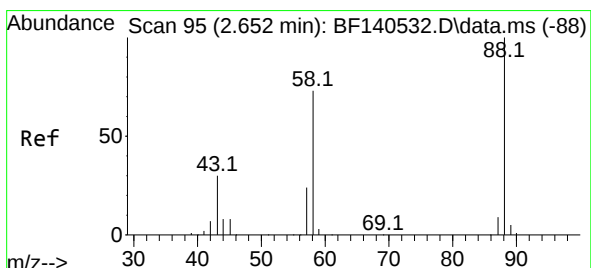
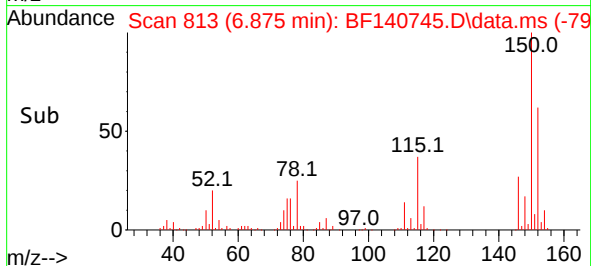
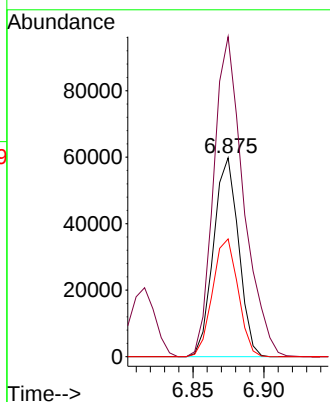
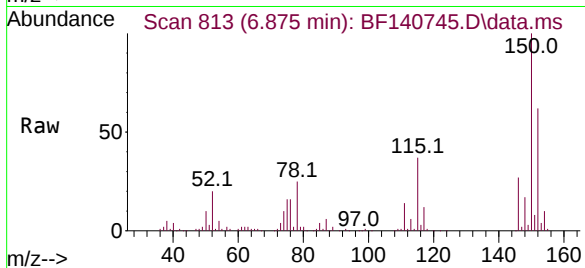
PB165366BS

Tgt Ion:152 Resp: 73438
Ion Ratio Lower Upper
152 100
150 160.8 128.5 192.7
115 59.2 50.2 75.4

Manual Integrations

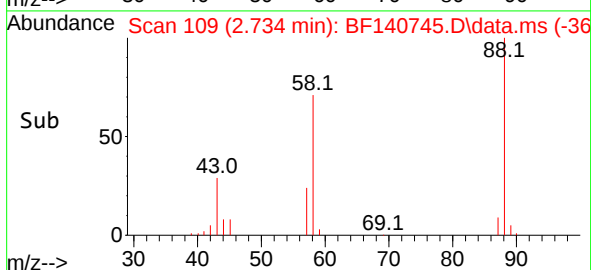
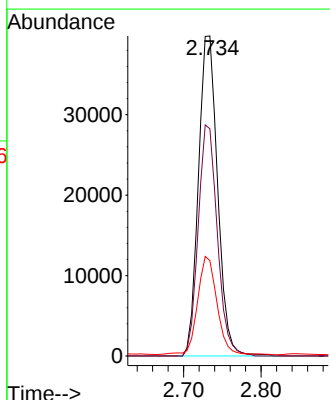
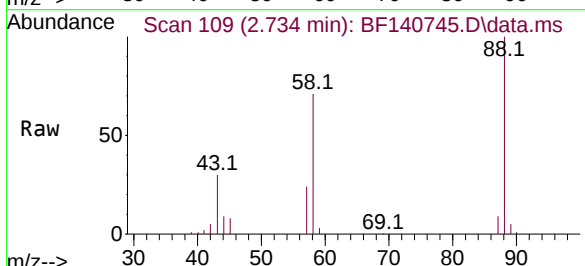
APPROVED

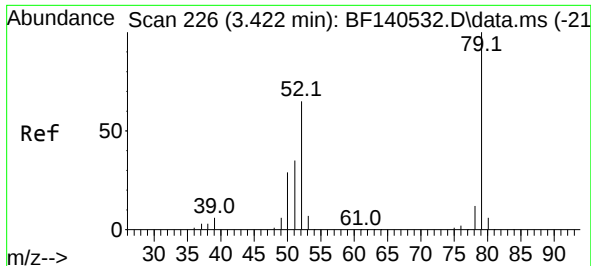
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#2
1,4-Dioxane
Concen: 37.813 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.082 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion: 88 Resp: 68429
Ion Ratio Lower Upper
88 100
58 72.0 57.4 86.2
43 31.7 24.3 36.5





#3

Pyridine

Concen: 40.989 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.082 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

Tgt Ion: 79 Resp: 16320

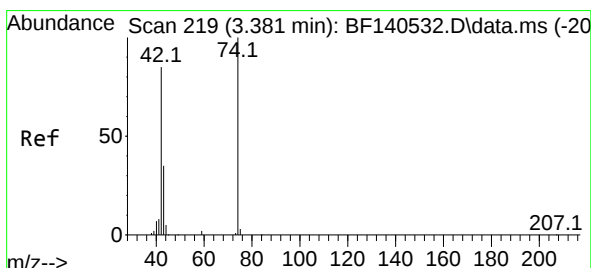
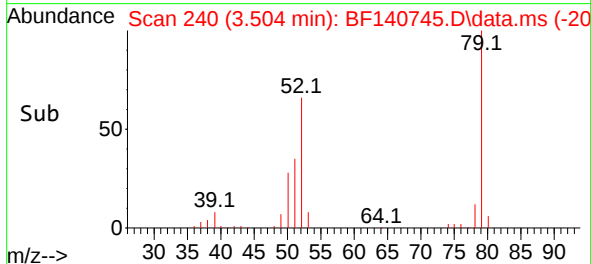
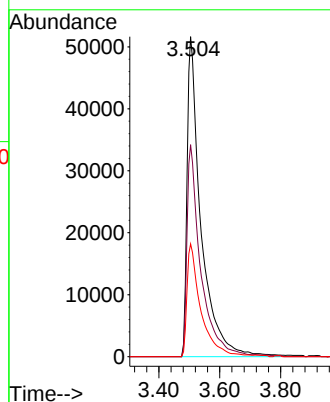
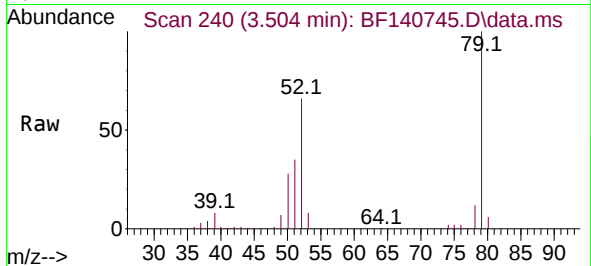
Ion	Ratio	Lower	Upper
79	100		
52	66.3	52.1	78.1
51	35.3	27.8	41.8

Manual Integrations

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Supervised By :mohammad ahmed 12/07/2024



#4

n-Nitrosodimethylamine

Concen: 44.187 ng

RT: 3.451 min Scan# 231

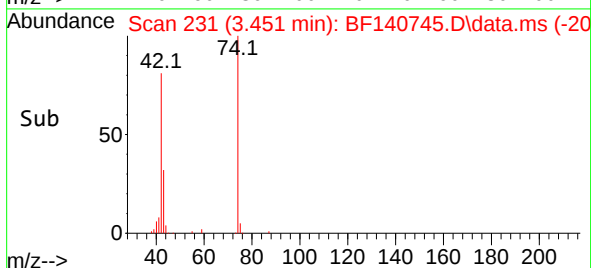
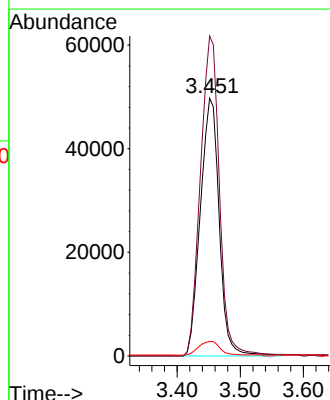
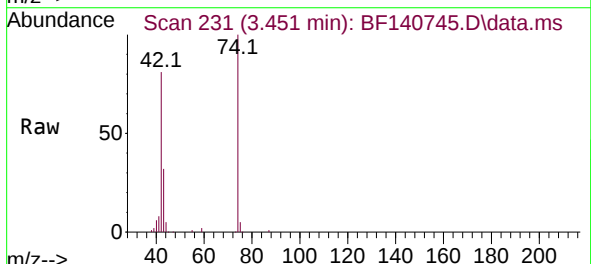
Delta R.T. 0.070 min

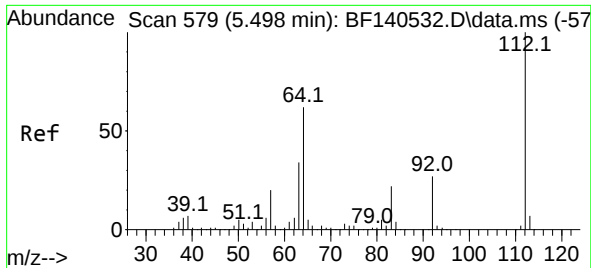
Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Tgt Ion: 42 Resp: 103406

Ion	Ratio	Lower	Upper
42	100		
74	124.1	93.8	140.6
44	5.7	4.6	6.8





#5
2-Fluorophenol
Concen: 147.853 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

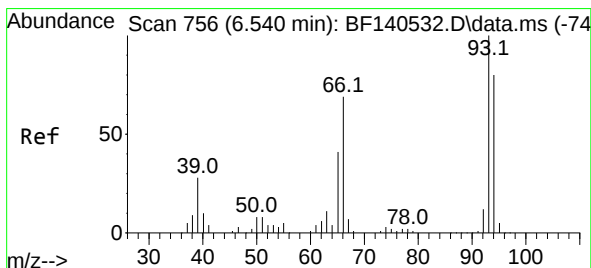
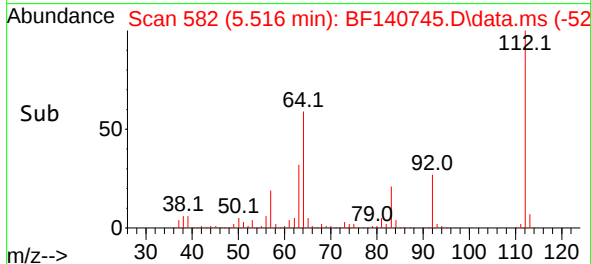
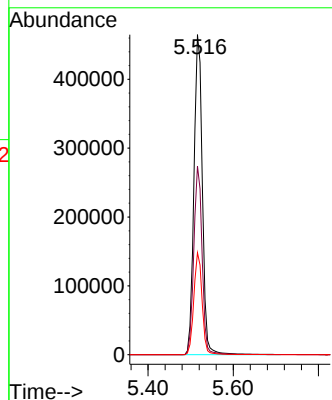
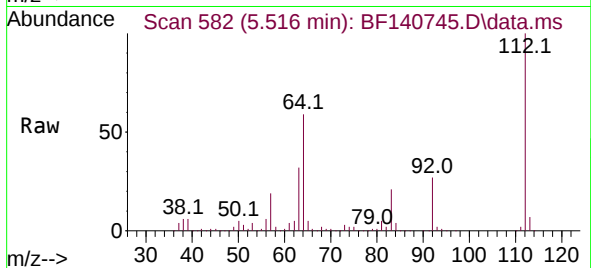
ClientSampleId :

PB165366BS

Tgt Ion:112 Resp: 636384
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.9 27.0 40.4

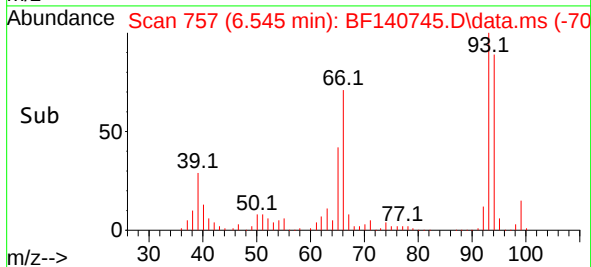
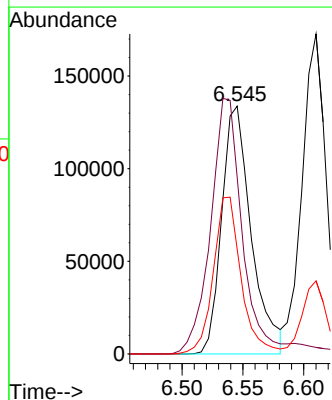
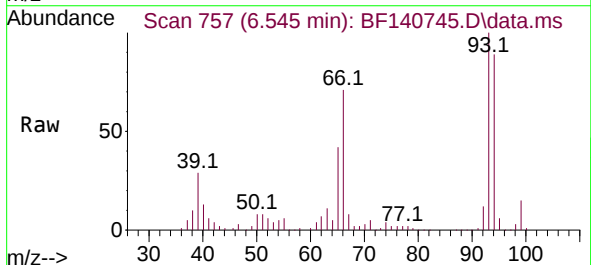
Manual Integrations
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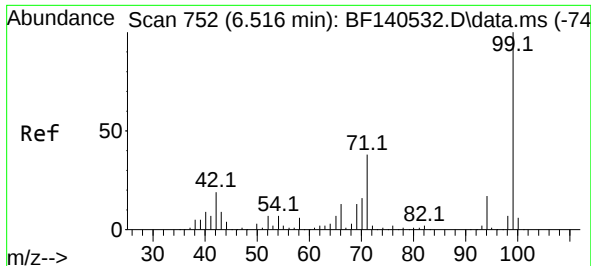
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#6
Aniline
Concen: 56.409 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion: 93 Resp: 225924
Ion Ratio Lower Upper
93 100
66 71.4 56.5 84.7
65 42.4 32.9 49.3





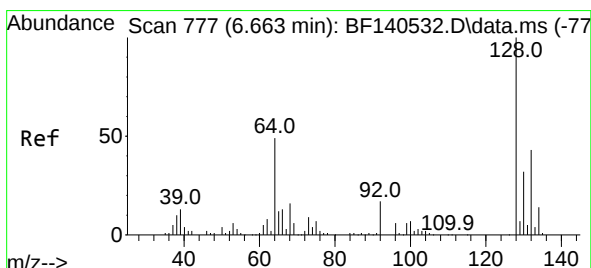
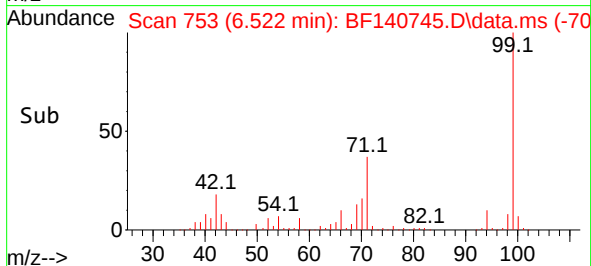
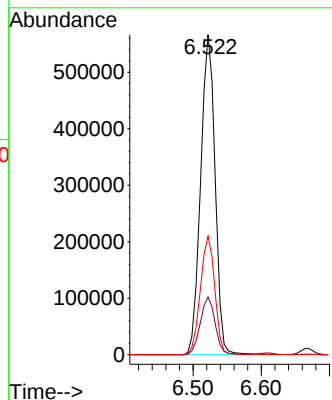
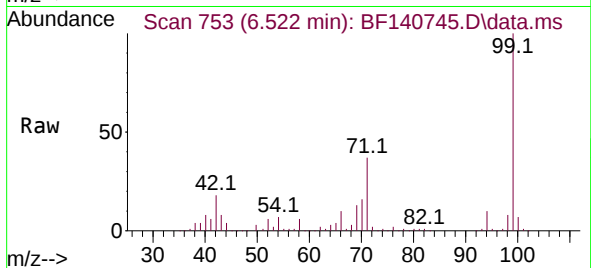
#7
Phenol-d6
Concen: 146.812 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :
BNA_F
ClientSampleId :
PB165366BS

Tgt Ion: 99 Resp: 835389
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.0 30.6 46.0

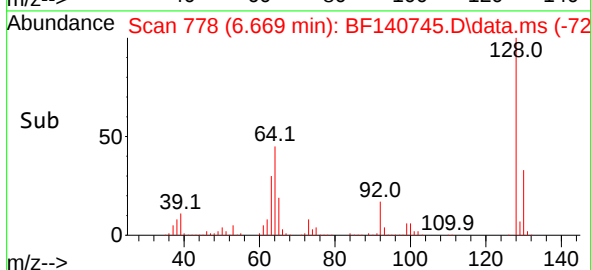
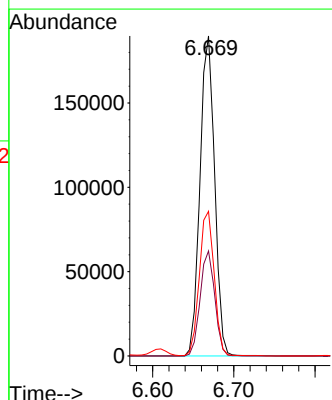
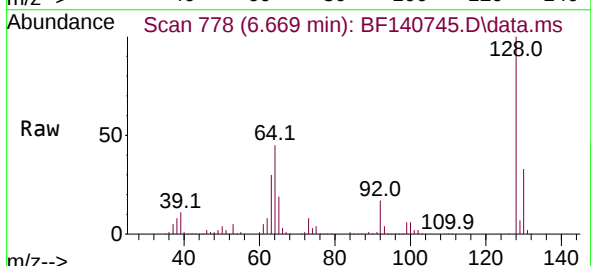
Manual Integrations
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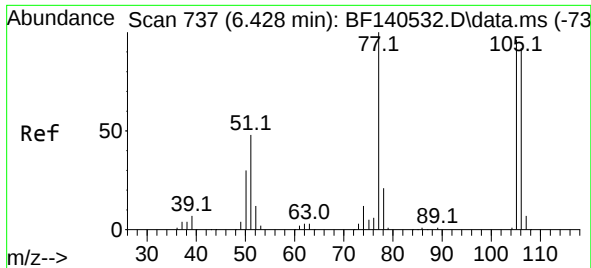
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#8
2-Chlorophenol
Concen: 51.479 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:128 Resp: 238381
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 45.2 30.2 70.2





#9
Benzaldehyde
Concen: 17.026 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

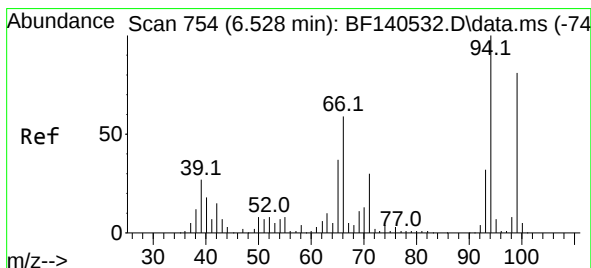
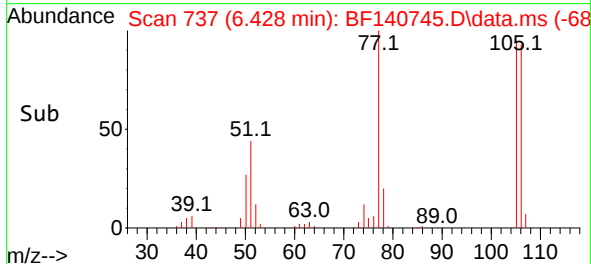
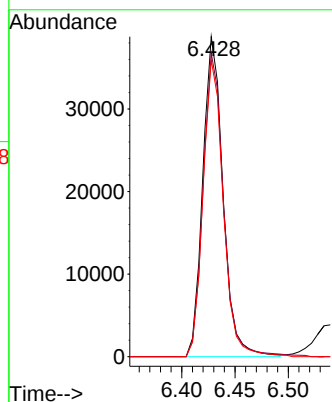
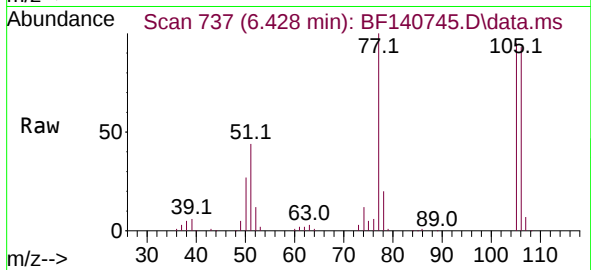
ClientSampleId :

PB165366BS

Tgt Ion: 77 Resp: 51289
Ion Ratio Lower Upper
77 100
105 94.8 75.6 115.6
106 92.7 72.0 112.0

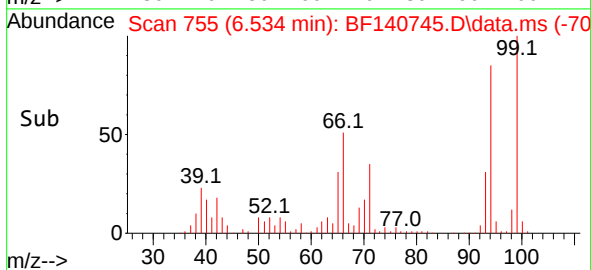
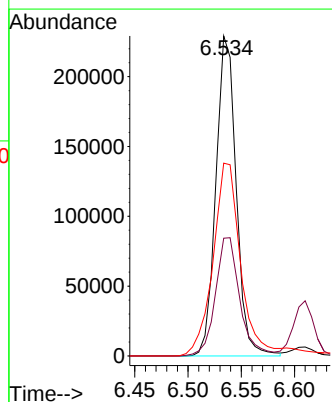
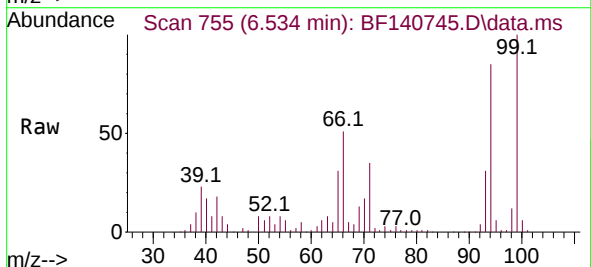
Manual Integrations
APPROVED

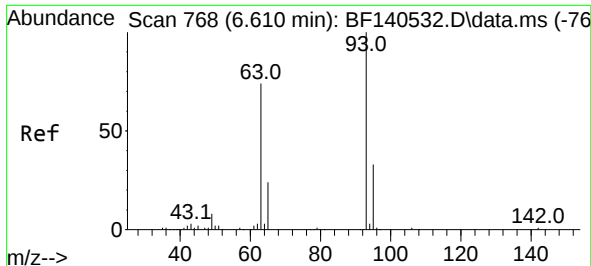
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#10
Phenol
Concen: 52.116 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion: 94 Resp: 302851
Ion Ratio Lower Upper
94 100
65 36.8 17.2 57.2
66 60.3 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 53.812 ng

RT: 6.610 min Scan# 768

Delta R.T. -0.000 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

Tgt Ion: 93 Resp: 23929

Ion Ratio Lower Upper

93 100

63 69.6 52.8 92.8

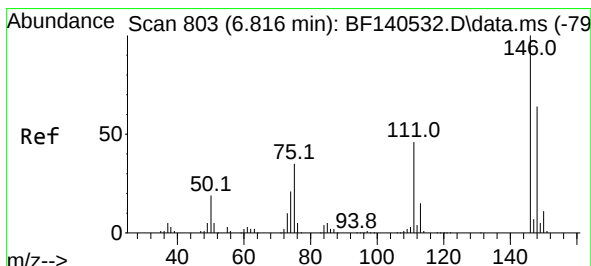
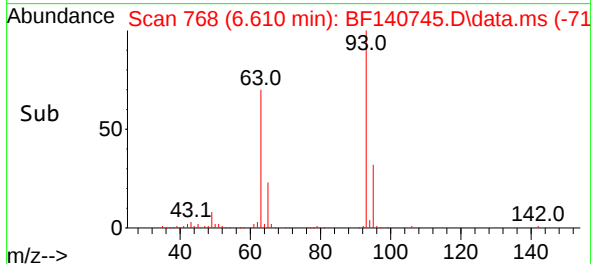
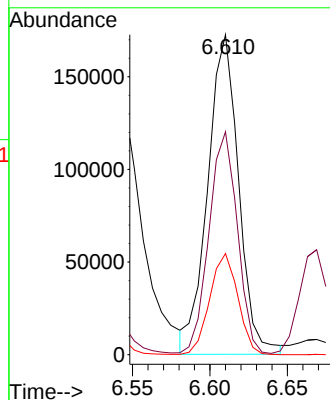
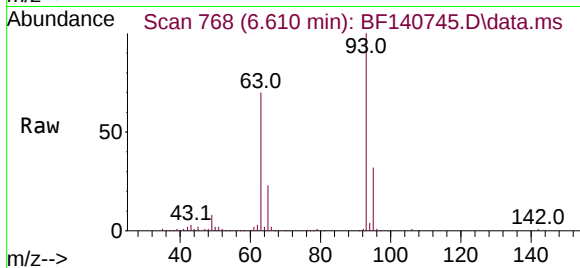
95 31.6 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#12

1,3-Dichlorobenzene

Concen: 46.234 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

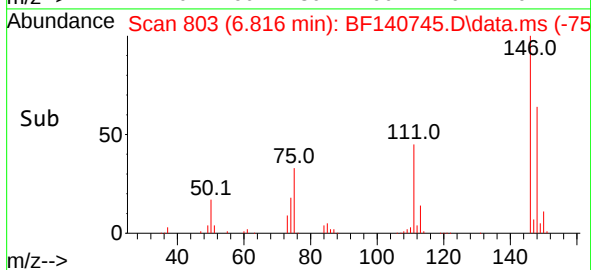
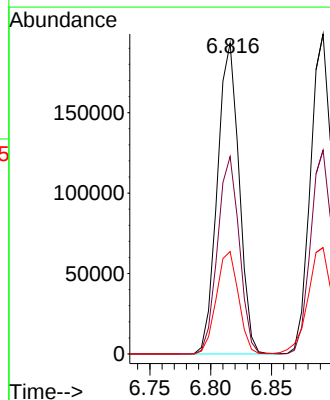
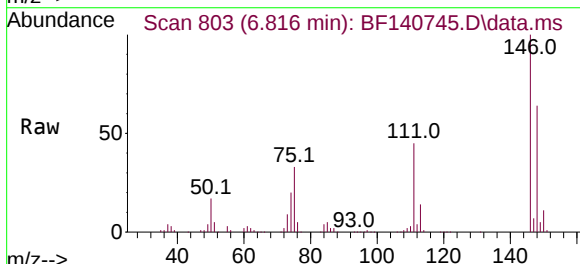
Tgt Ion:146 Resp: 240563

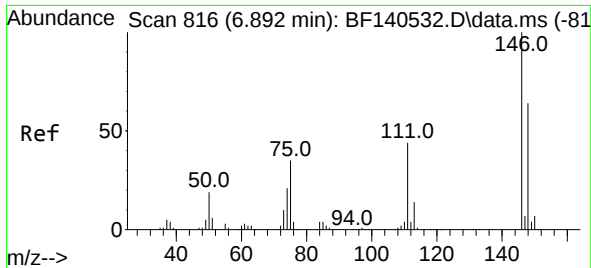
Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

75 33.0 28.2 42.2





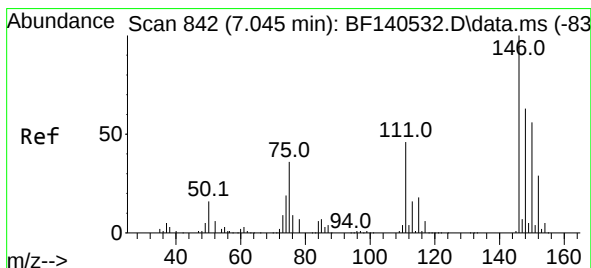
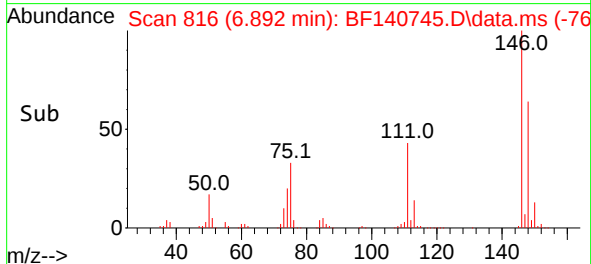
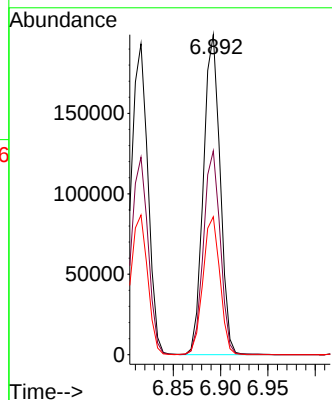
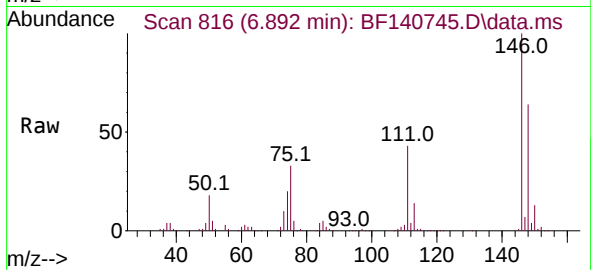
#13
1,4-Dichlorobenzene
Concen: 46.437 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :
BNA_F
ClientSampleId :
PB165366BS

Tgt Ion:146 Resp: 24465
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 43.1 35.3 52.9

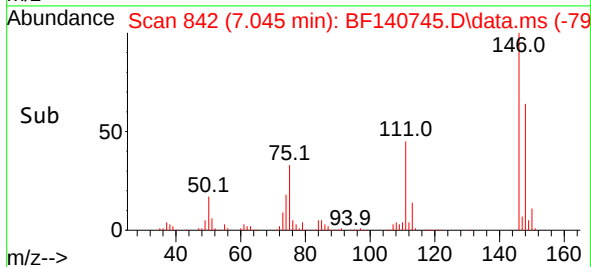
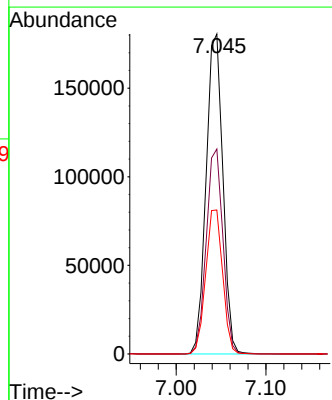
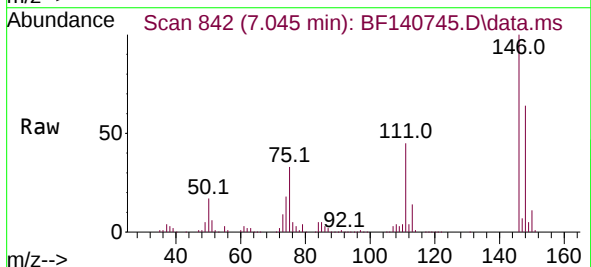
Manual Integrations
APPROVED

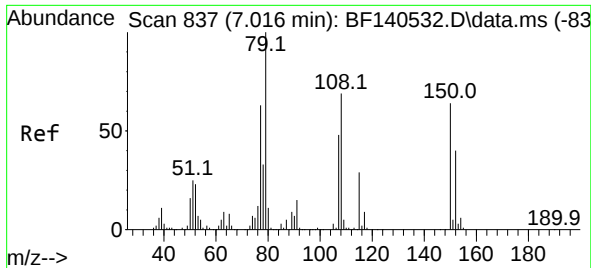
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#14
1,2-Dichlorobenzene
Concen: 47.381 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:146 Resp: 233908
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
111 45.0 36.7 55.1





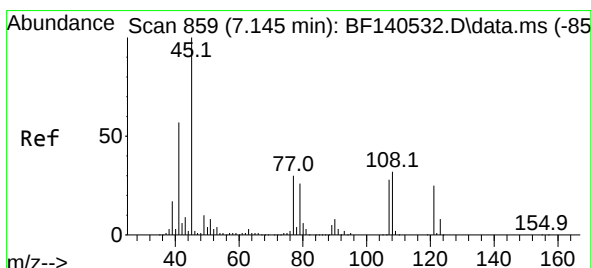
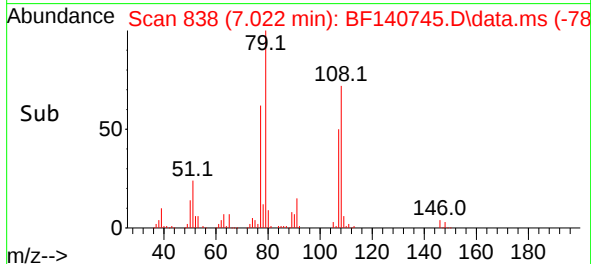
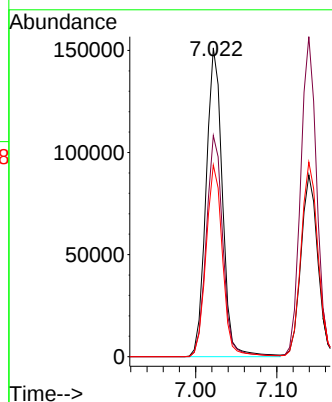
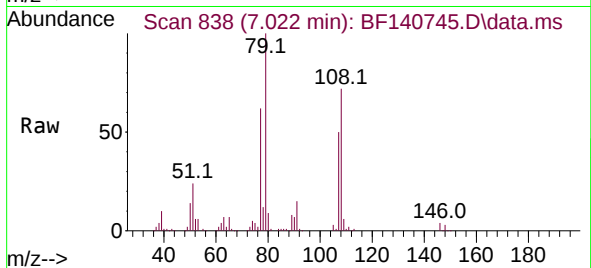
#15
Benzyl Alcohol
Concen: 50.055 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :
BNA_F
ClientSampleId :
PB165366BS

Tgt Ion: 79 Resp: 211225
Ion Ratio Lower Upper
79 100
108 71.6 55.0 82.6
77 62.1 50.1 75.1

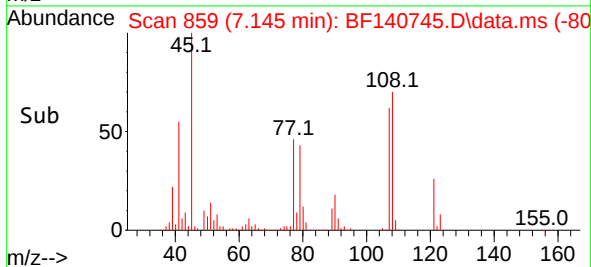
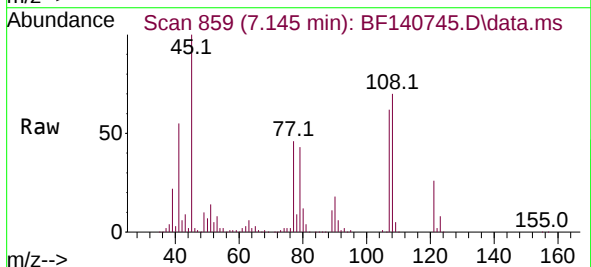
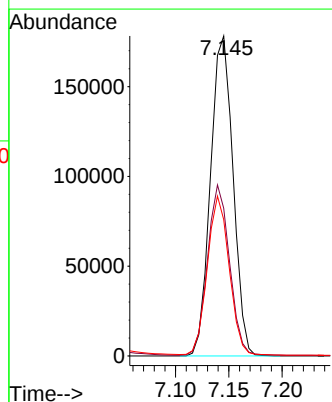
Manual Integrations
APPROVED

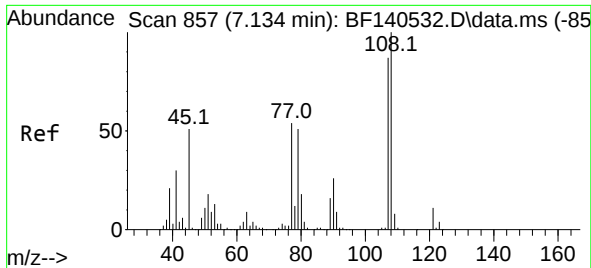
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.886 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion: 45 Resp: 262075
Ion Ratio Lower Upper
45 100
77 46.2 10.7 50.7
79 42.6 7.0 47.0





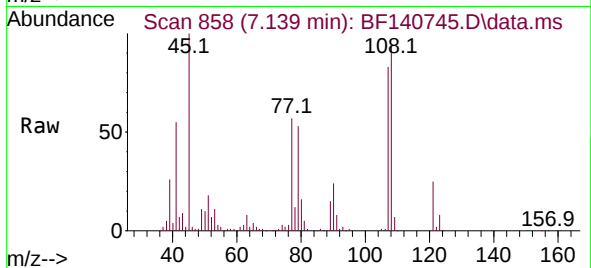
#17
2-Methylphenol
Concen: 51.580 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

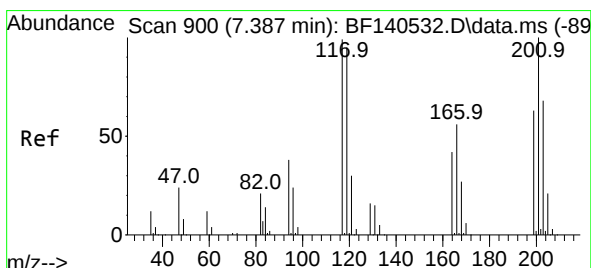
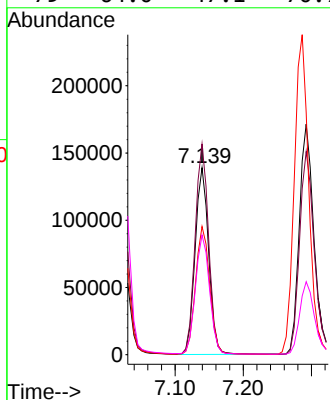
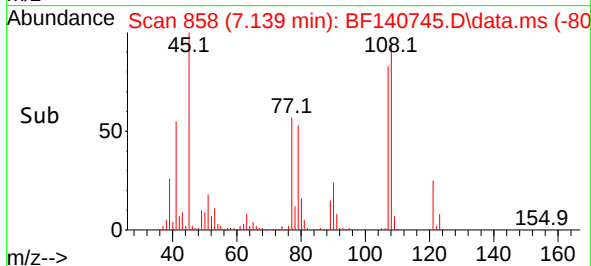


Tgt Ion:107 Resp: 191190
Ion Ratio Lower Upper
107 100
108 112.6 91.7 137.5
77 68.5 49.3 73.9
79 64.0 47.1 70.7

Manual Integrations

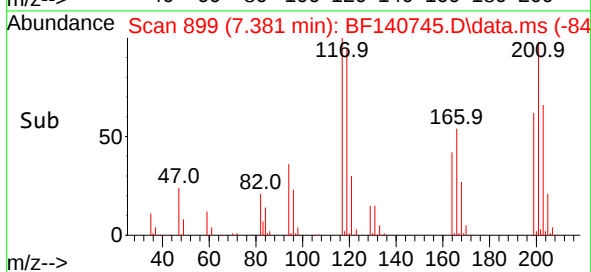
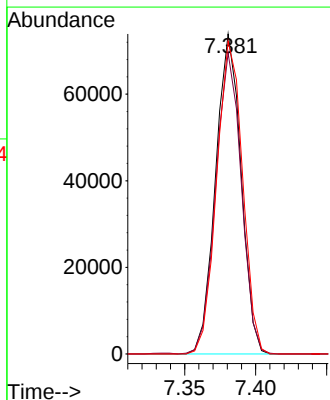
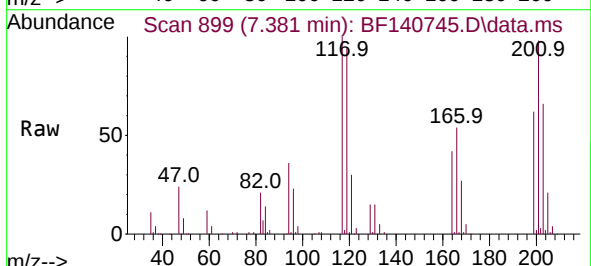
APPROVED

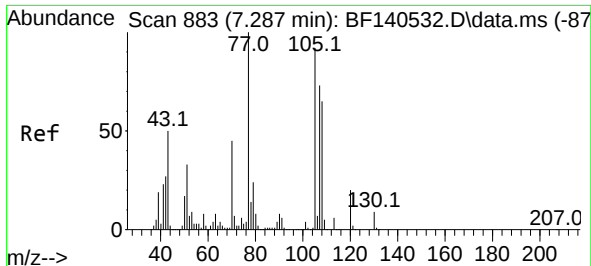
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#18
Hexachloroethane
Concen: 46.622 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:117 Resp: 91737
Ion Ratio Lower Upper
117 100
119 94.1 77.1 115.7
201 97.8 81.1 121.7





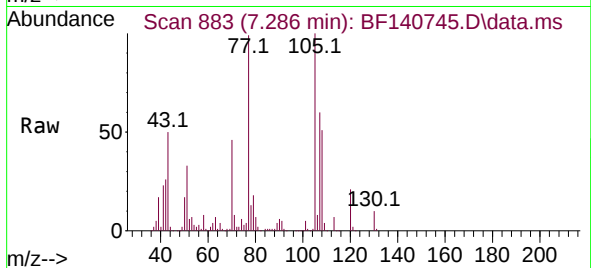
#19
n-Nitroso-di-n-propylamine
Concen: 50.820 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

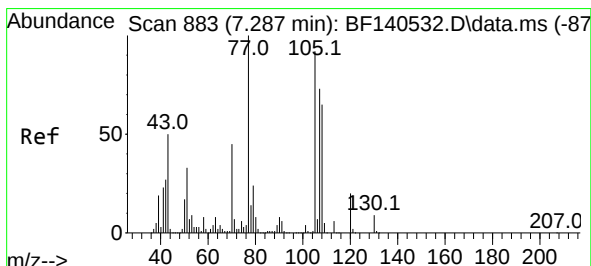
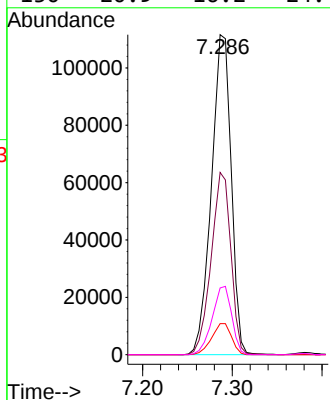
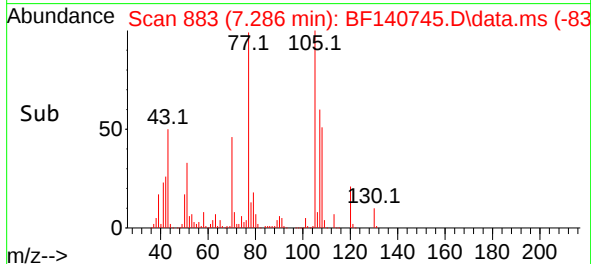
PB165366BS



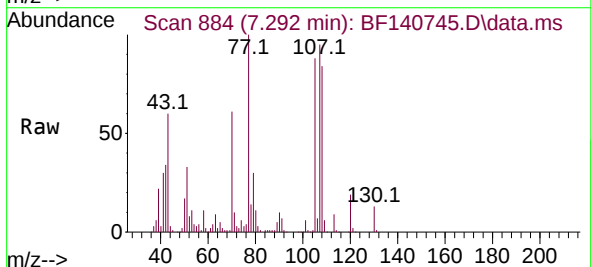
Tgt Ion: 70 Resp: 17090
Ion Ratio Lower Upper
70 100
42 56.9 47.6 71.4
101 9.7 7.6 11.4
130 20.9 16.2 24.4

Manual Integrations
APPROVED

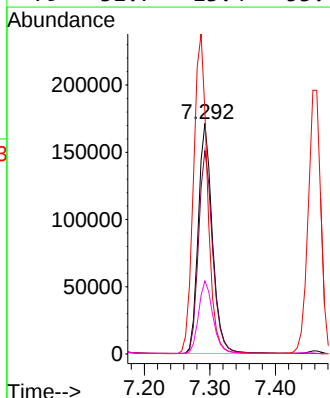
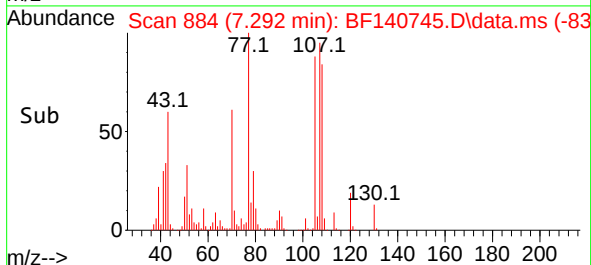
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

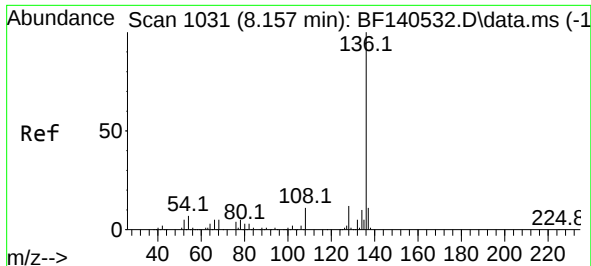


#20
3+4-Methylphenols
Concen: 54.031 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:107 Resp: 257427
Ion Ratio Lower Upper
107 100
108 88.2 69.9 109.9
77 105.0 117.7 157.7#
79 31.7 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

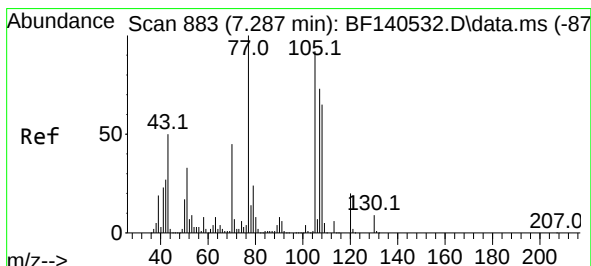
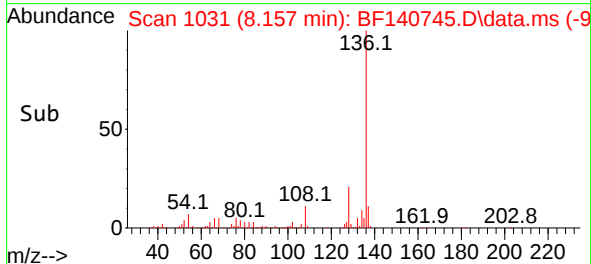
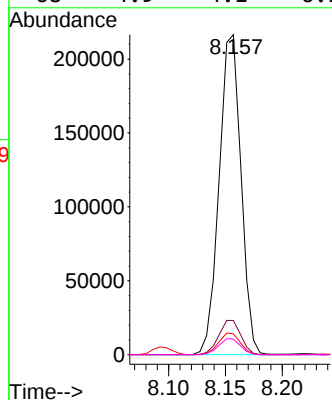
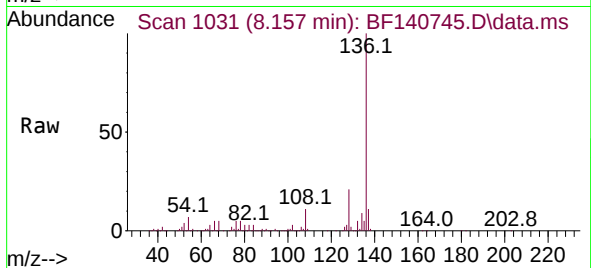
PB165366BS

Tgt Ion:136 Resp: 29035
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.6 5.8 8.8
68 4.9 4.1 6.1

Manual Integrations

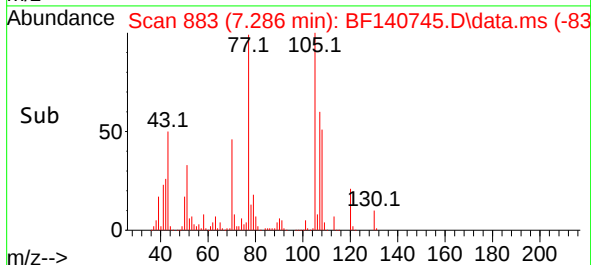
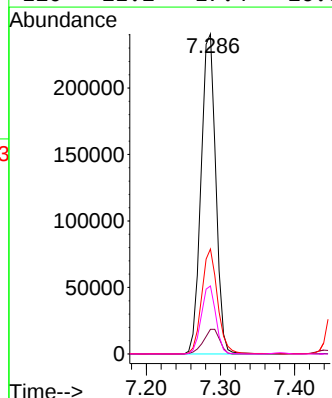
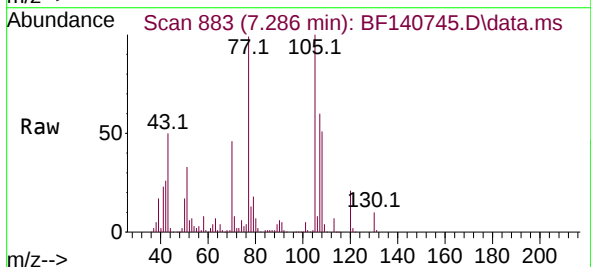
APPROVED

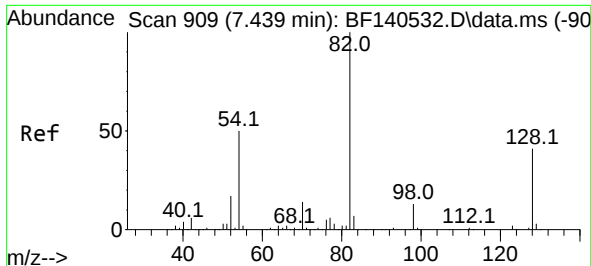
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#22
Acetophenone
Concen: 46.880 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:105 Resp: 331848
Ion Ratio Lower Upper
105 100
71 7.7 6.2 9.2
51 32.8 29.0 43.6
120 21.2 17.4 26.0





#23

Nitrobenzene-d5

Concen: 95.010 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

Tgt Ion: 82 Resp: 539320

Ion Ratio Lower Upper

82 100

128 42.3 33.0 49.4

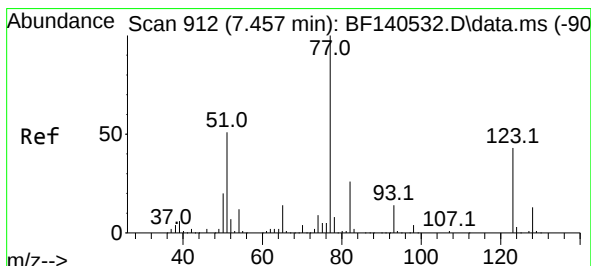
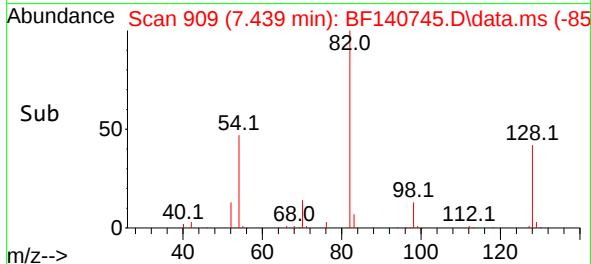
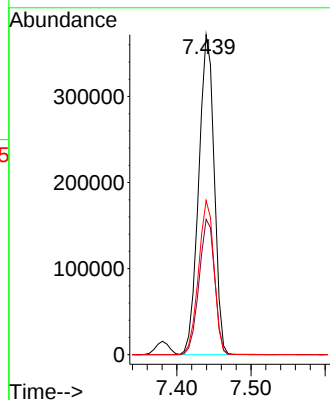
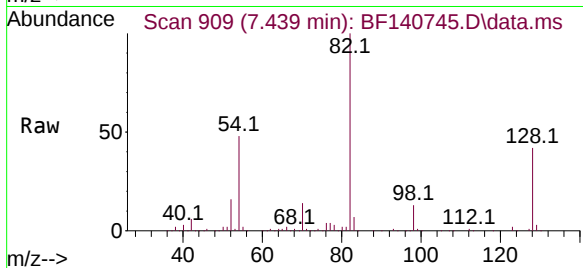
54 48.2 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#24

Nitrobenzene

Concen: 44.800 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

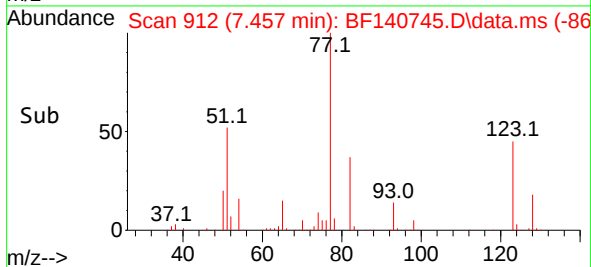
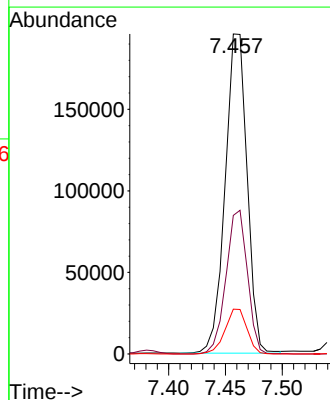
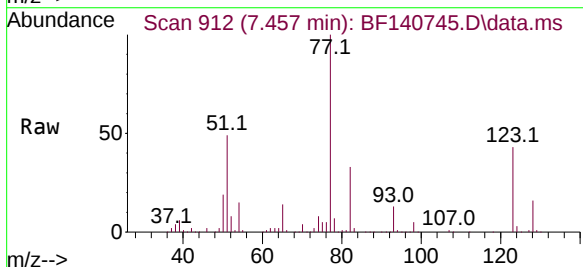
Tgt Ion: 77 Resp: 262833

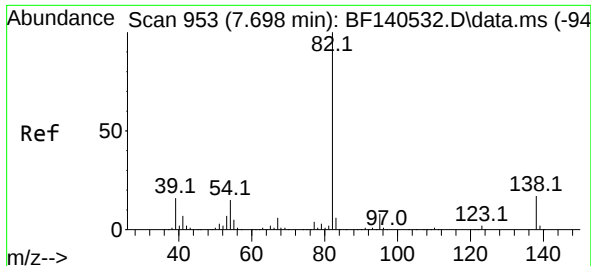
Ion Ratio Lower Upper

77 100

123 43.3 34.3 51.5

65 14.0 11.2 16.8





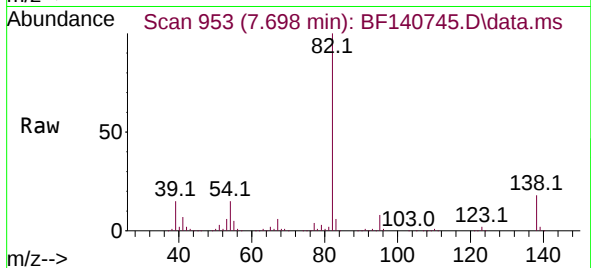
#25
Isophorone
Concen: 49.395 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

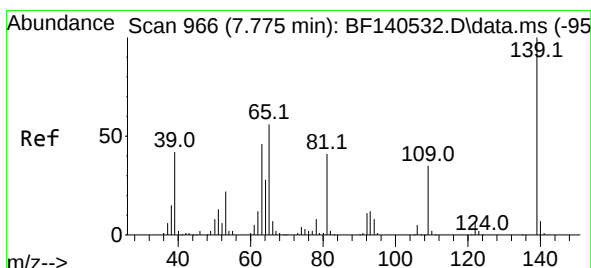
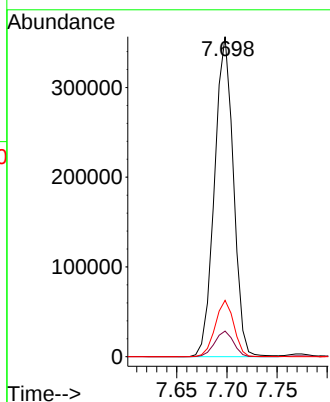
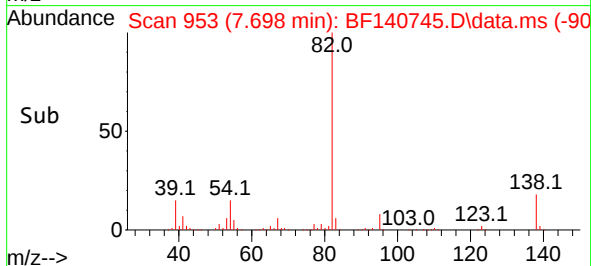


Tgt Ion: 82 Resp: 467670
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.6 13.8 20.6

Manual Integrations

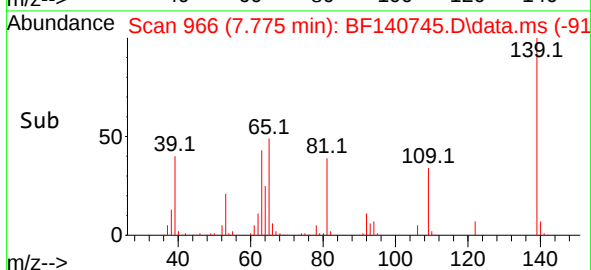
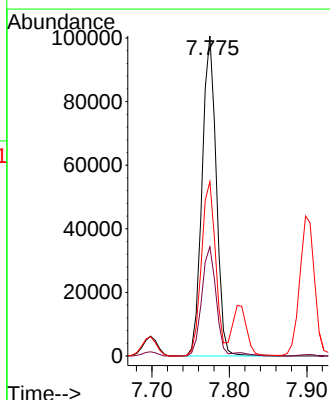
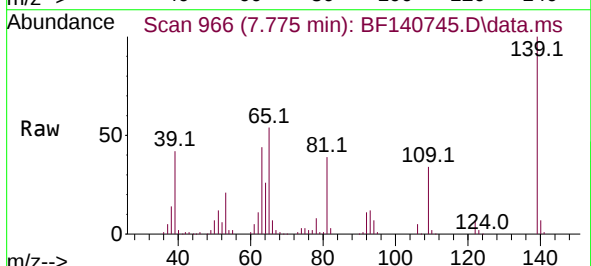
APPROVED

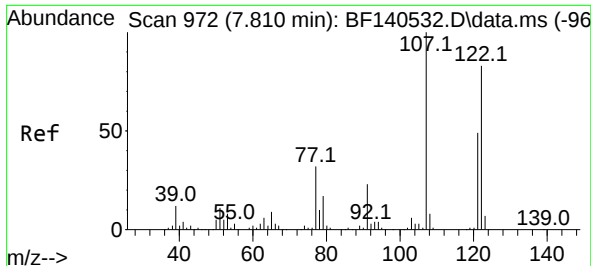
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#26
2-Nitrophenol
Concen: 49.195 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:139 Resp: 127903
Ion Ratio Lower Upper
139 100
109 34.1 28.0 42.0
65 54.5 44.6 67.0





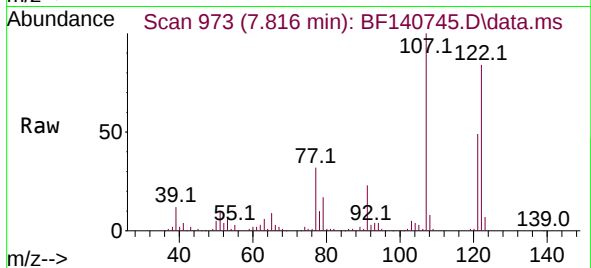
#27
2,4-Dimethylphenol
Concen: 64.682 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS



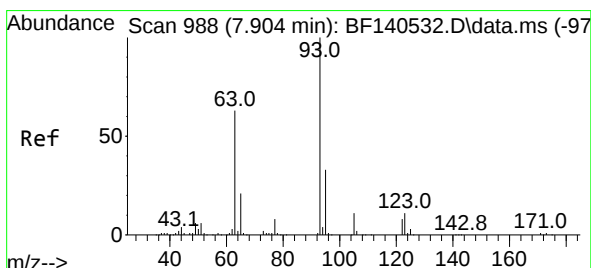
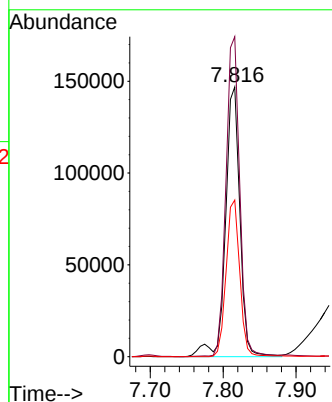
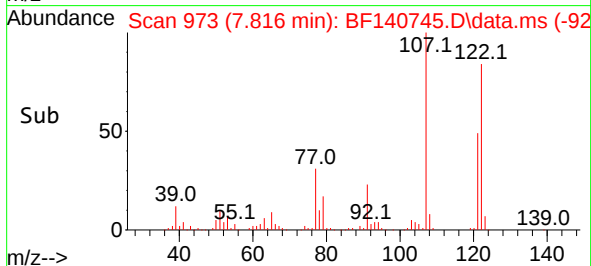
Tgt Ion:122 Resp: 201208
Ion Ratio Lower Upper
122 100
107 118.6 96.8 145.2
121 58.1 47.4 71.0

Manual Integrations

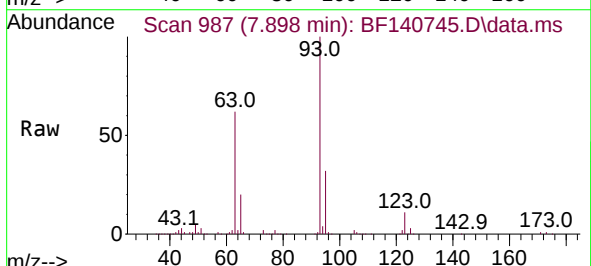
APPROVED

Reviewed By :Yogesh Patel 12/07/2024

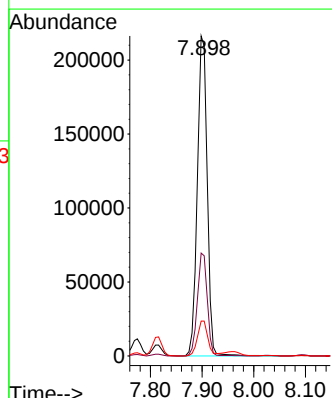
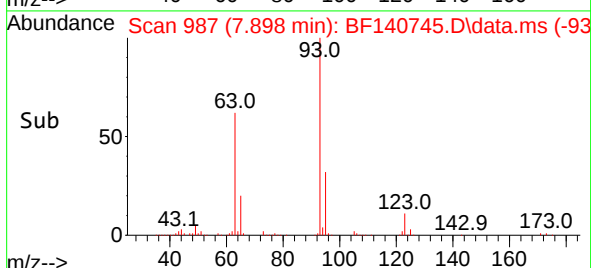
Supervised By :mohammad ahmed 12/07/2024

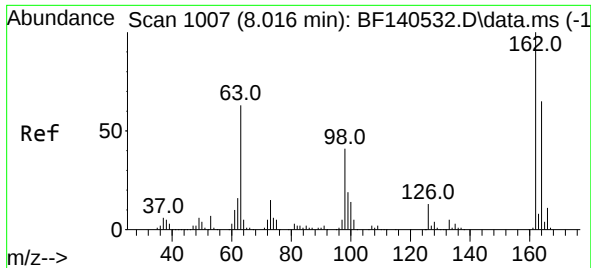


#28
bis(2-Chloroethoxy)methane
Concen: 49.921 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion: 93 Resp: 287939
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.871 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

Tgt Ion:162 Resp: 213809

Ion Ratio Lower Upper

162 100

164 65.1 44.8 84.8

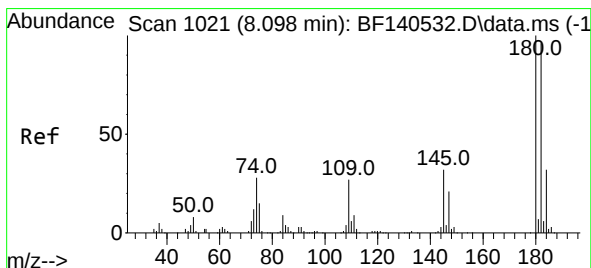
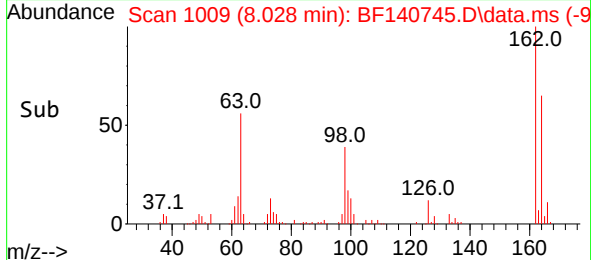
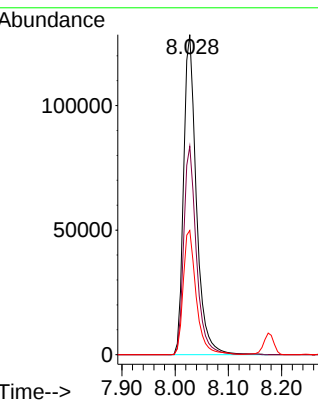
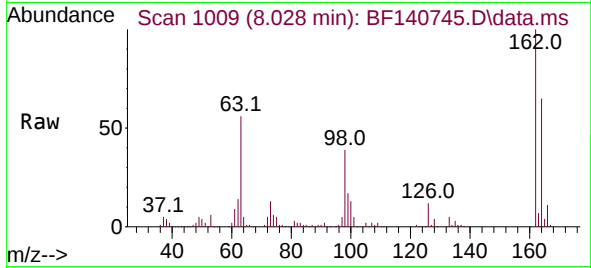
98 38.8 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.915 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

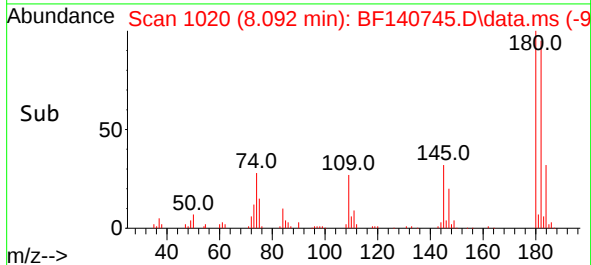
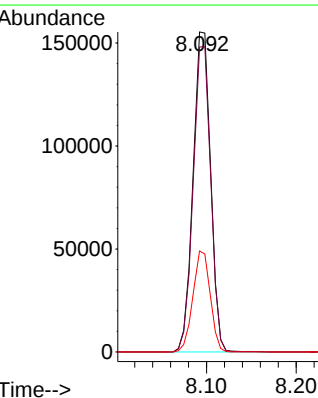
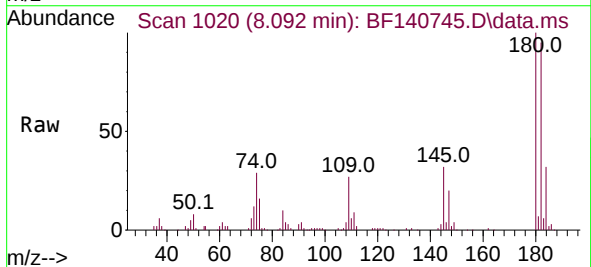
Tgt Ion:180 Resp: 211384

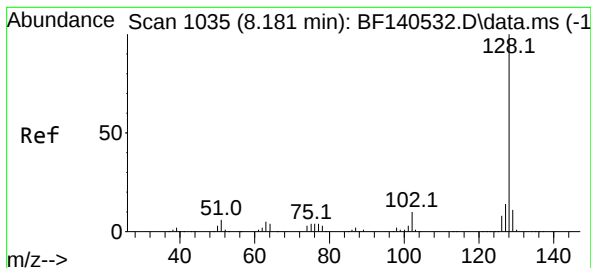
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.5 25.9 38.9





#31

Naphthalene

Concen: 47.311 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

Tgt Ion:128 Resp: 70757

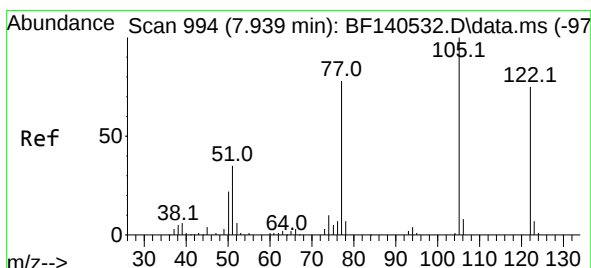
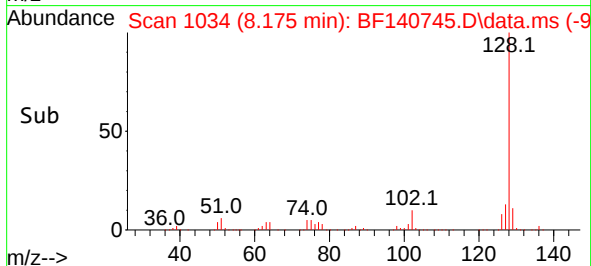
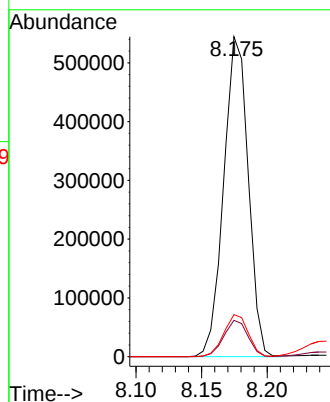
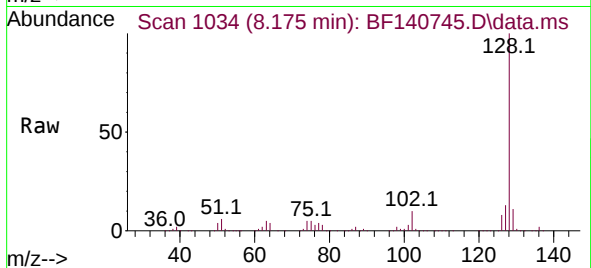
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.2	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#32

Benzoic acid

Concen: 41.657 ng

RT: 7.963 min Scan# 998

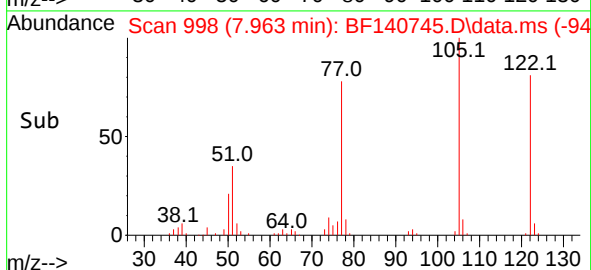
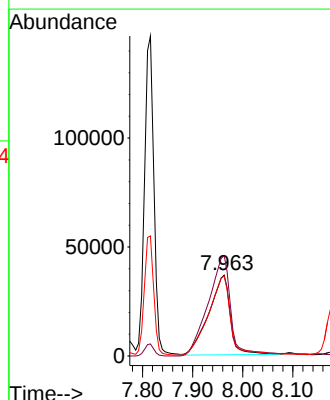
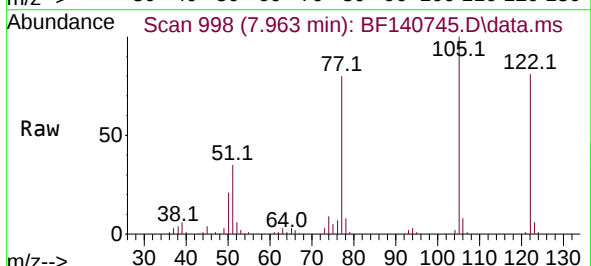
Delta R.T. 0.024 min

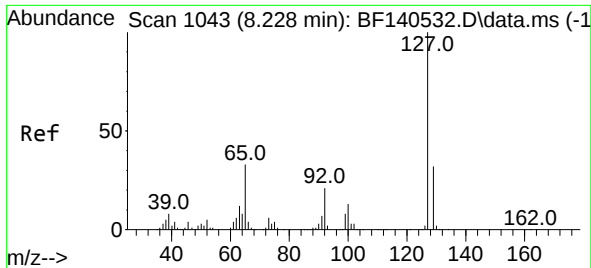
Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Tgt Ion:122 Resp: 109740

Ion	Ratio	Lower	Upper
122	100		
105	123.9	109.3	149.3
77	98.8	82.3	122.3





#33
4-Chloroaniline
Concen: 26.335 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.018 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

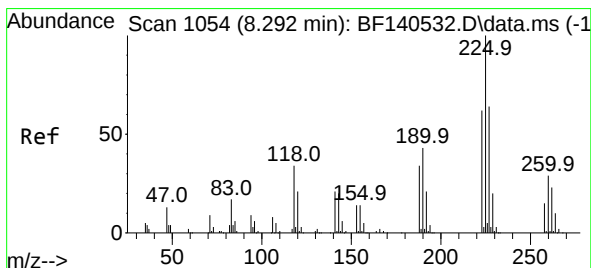
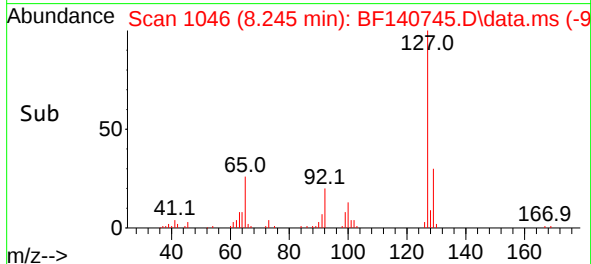
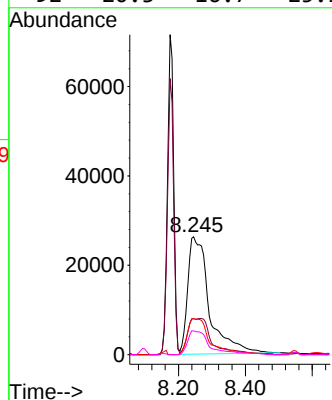
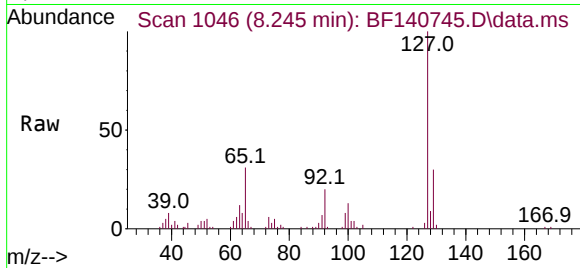
PB165366BS

Tgt Ion:127 Resp: 11792
Ion Ratio Lower Upper
127 100
129 30.4 26.0 39.0
65 30.6 26.0 39.0
92 20.3 16.7 25.1

Manual Integrations

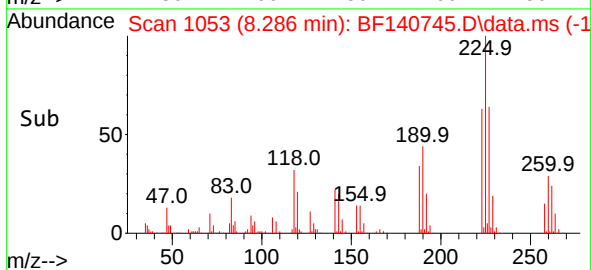
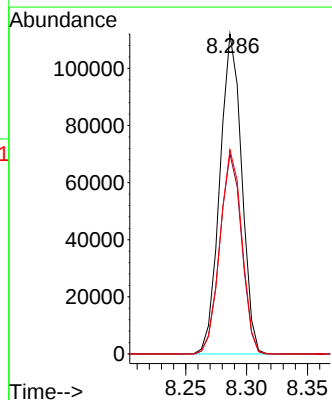
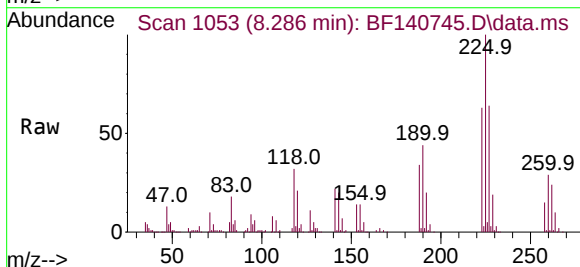
APPROVED

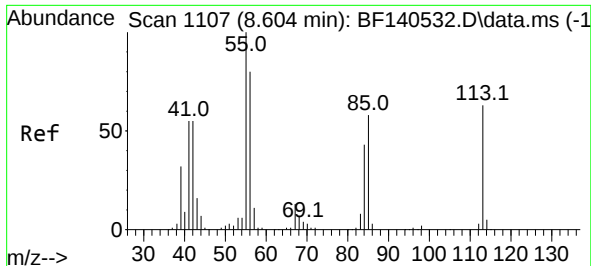
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#34
Hexachlorobutadiene
Concen: 44.848 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:225 Resp: 139802
Ion Ratio Lower Upper
225 100
223 62.5 49.8 74.8
227 63.8 51.3 76.9





#35
Caprolactam
Concen: 50.739 ng m
RT: 8.610 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

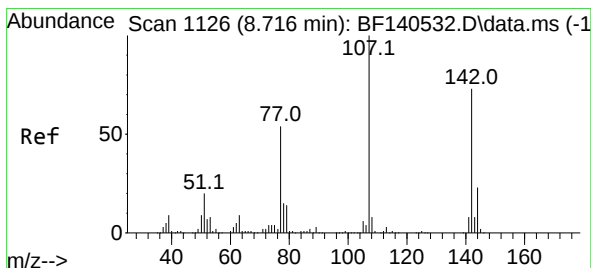
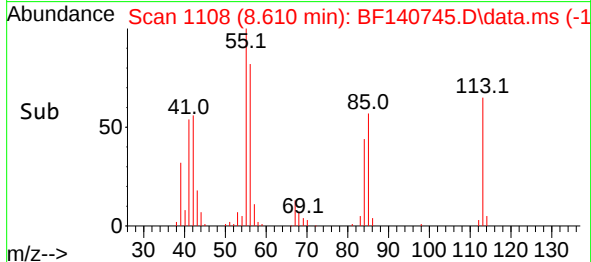
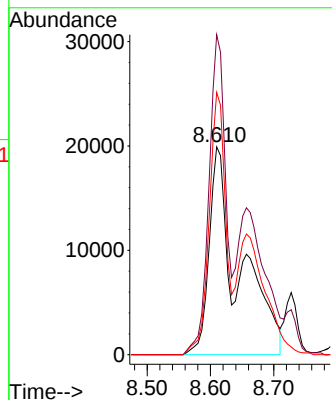
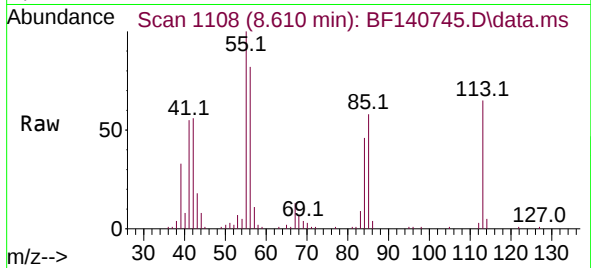
PB165366BS

Tgt Ion:113 Resp: 6472
Ion Ratio Lower Upper
113 100
55 153.9 137.7 177.7
56 126.2 106.4 146.4

Manual Integrations

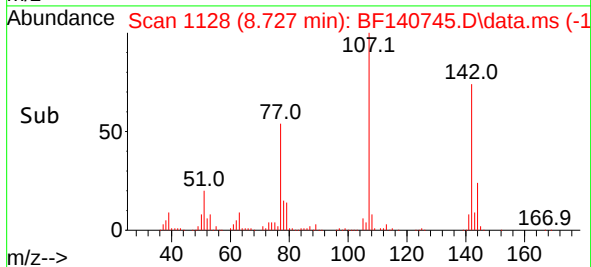
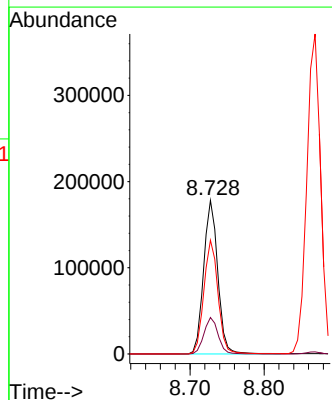
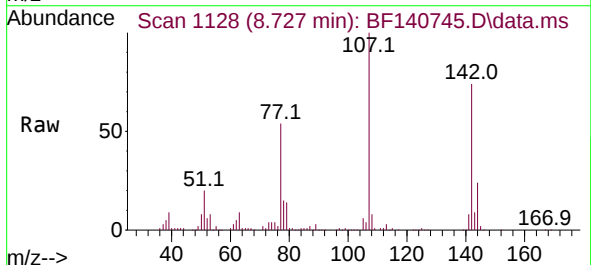
APPROVED

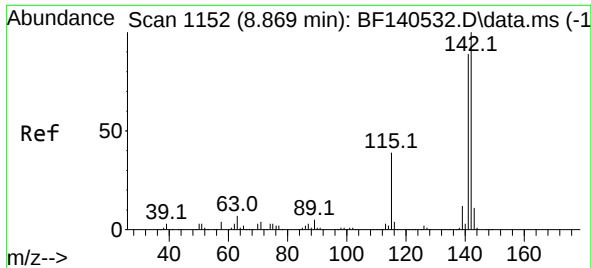
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#36
4-Chloro-3-methylphenol
Concen: 51.359 ng
RT: 8.727 min Scan# 1128
Delta R.T. 0.012 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:107 Resp: 237026
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 74.1 58.3 87.5





#37

2-Methylnaphthalene

Concen: 50.338 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

Tgt Ion:142 Resp: 47817

Ion Ratio Lower Upper

142 100

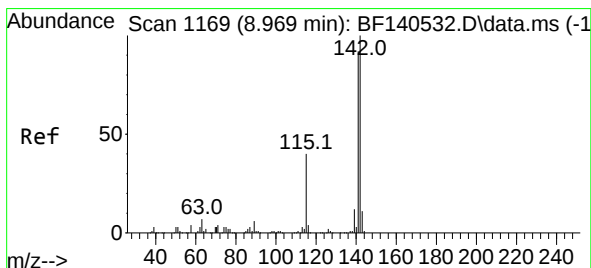
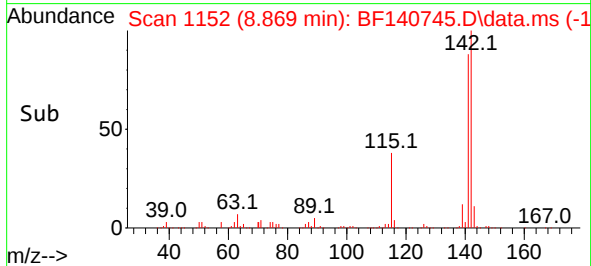
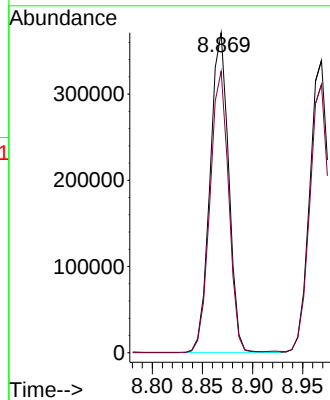
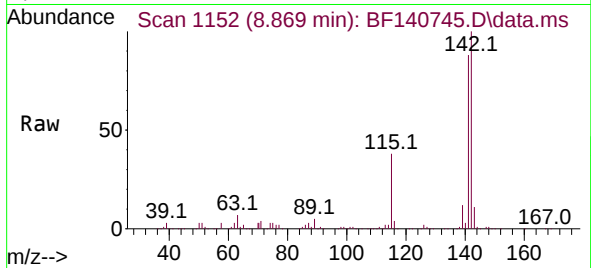
141 88.0 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#38

1-Methylnaphthalene

Concen: 47.508 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140745.D

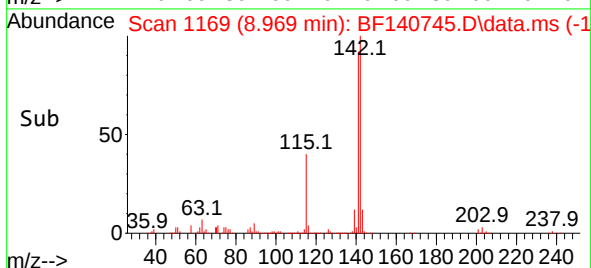
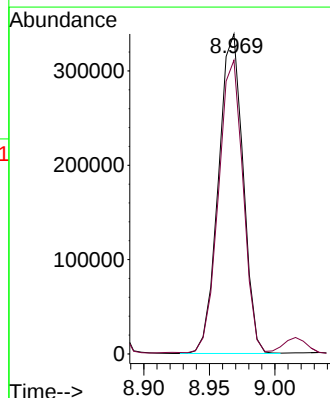
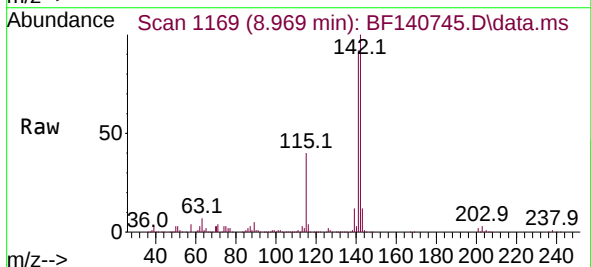
Acq: 05 Dec 2024 13:44

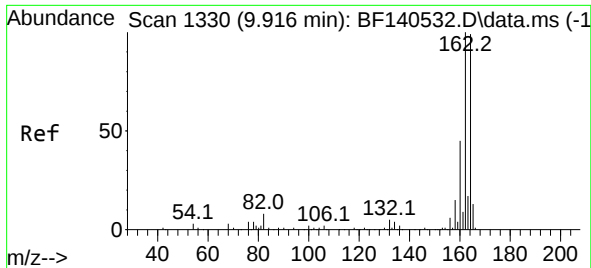
Tgt Ion:142 Resp: 442351

Ion Ratio Lower Upper

142 100

141 91.8 73.3 109.9





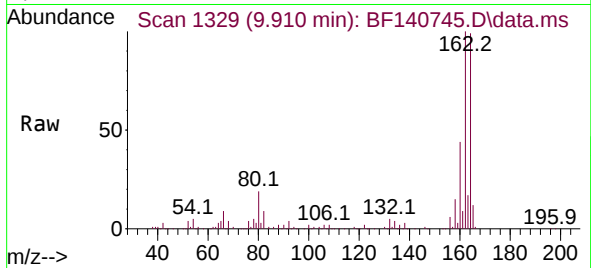
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS



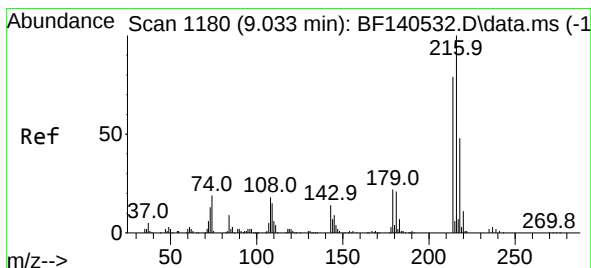
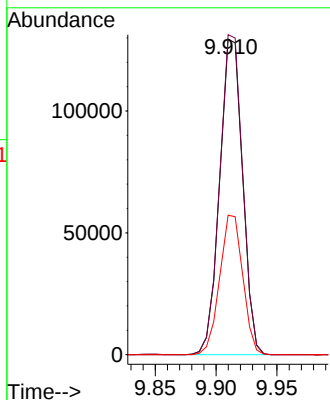
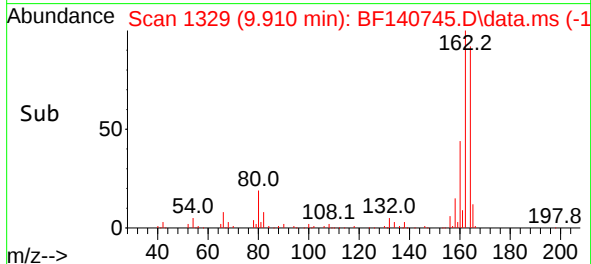
Tgt Ion:164 Resp: 169894
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.2 36.2 54.4

Manual Integrations

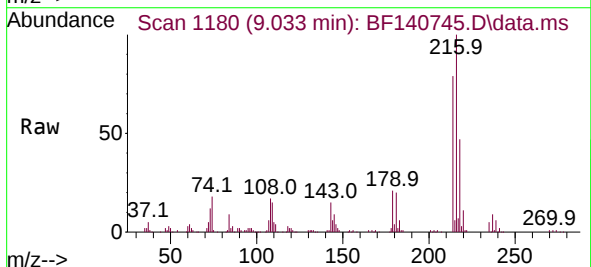
APPROVED

Reviewed By :Yogesh Patel 12/07/2024

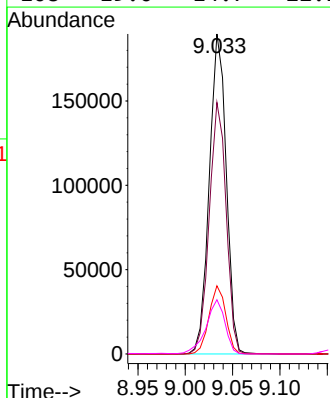
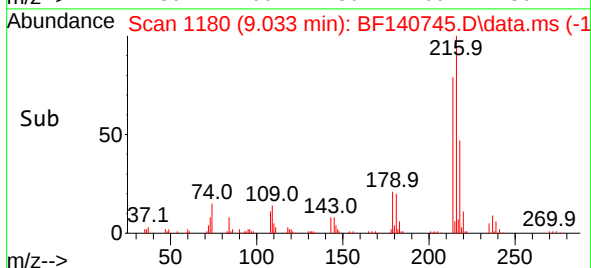
Supervised By :mohammad ahmed 12/07/2024

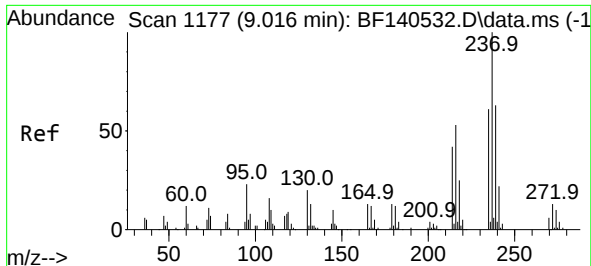


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.344 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



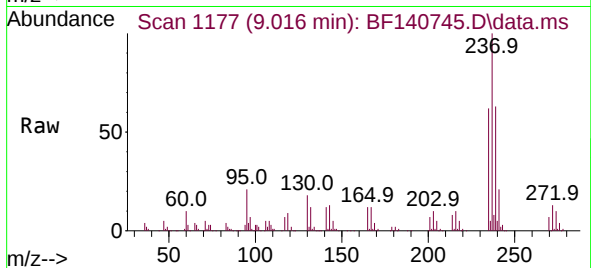
Tgt Ion:216 Resp: 235475
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 21.1 17.5 26.3
108 19.0 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 157.892 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

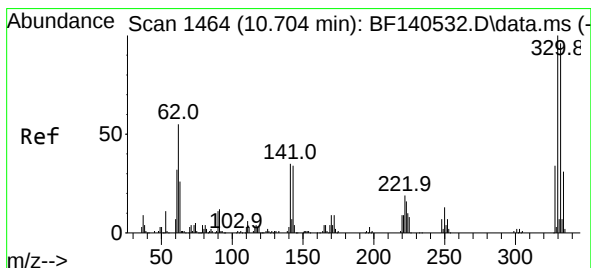
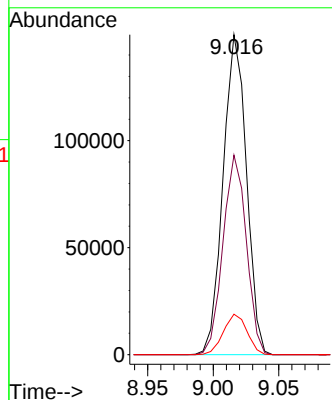
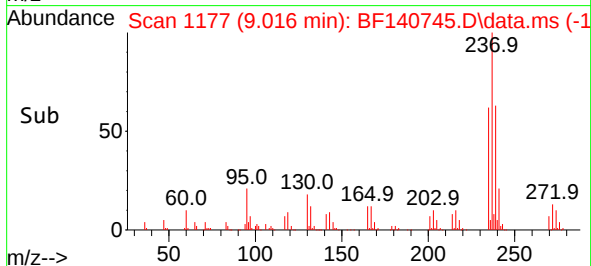
Instrument :
BNA_F
ClientSampleId :
PB165366BS



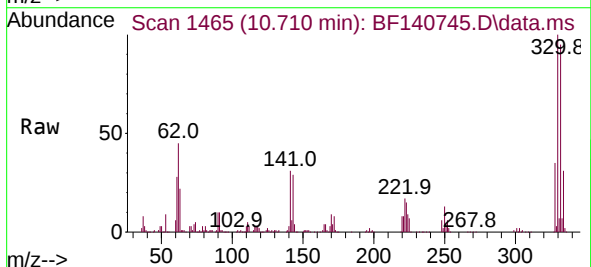
Tgt Ion:237 Resp: 18525
Ion Ratio Lower Upper
237 100
235 62.4 41.1 81.1
272 12.7 0.0 32.6

Manual Integrations
APPROVED

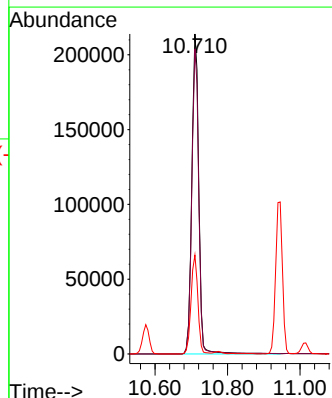
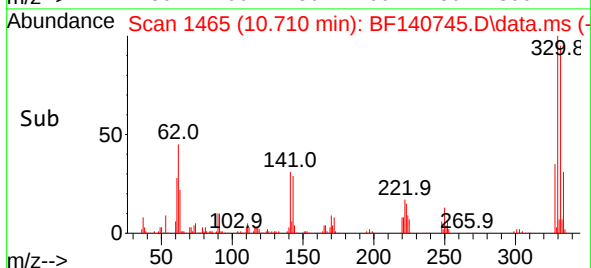
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

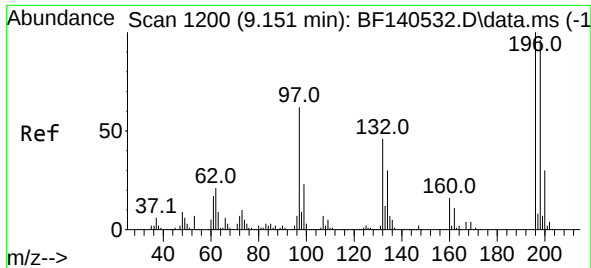


#42
2,4,6-Tribromophenol
Concen: 156.700 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:330 Resp: 284729
Ion Ratio Lower Upper
330 100
332 95.0 76.9 115.3
141 30.5 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 49.416 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

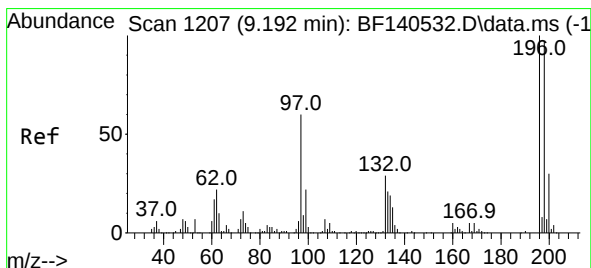
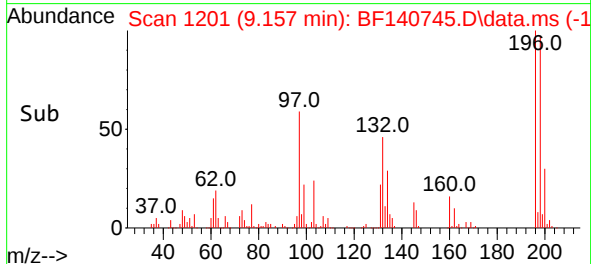
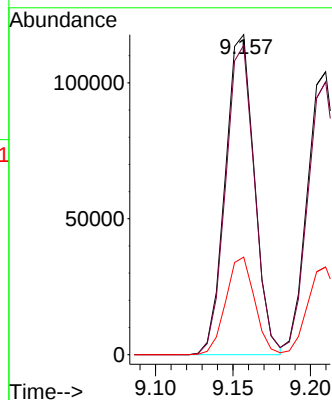
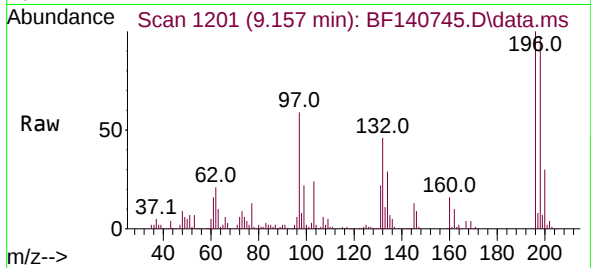
PB165366BS

Tgt Ion:196 Resp: 15422
Ion Ratio Lower Upper
196 100
198 96.7 76.8 115.2
200 30.5 24.3 36.5

Manual Integrations

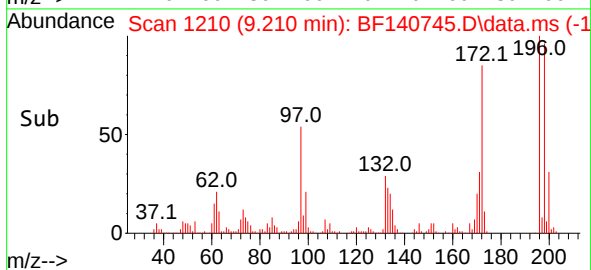
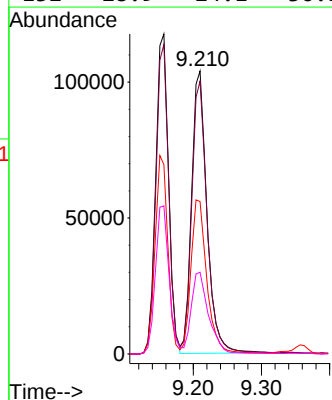
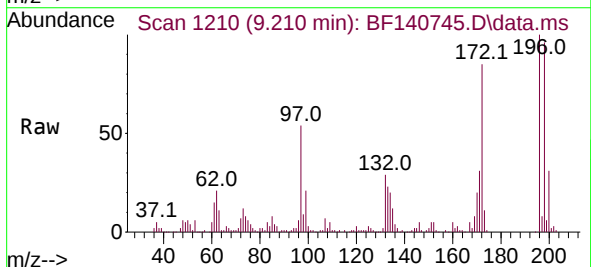
APPROVED

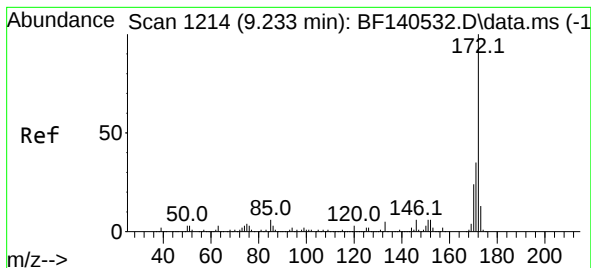
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#44
2,4,5-Trichlorophenol
Concen: 47.917 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.018 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:196 Resp: 162300
Ion Ratio Lower Upper
196 100
198 96.4 77.2 115.8
97 53.9 47.1 70.7
132 28.9 24.1 36.1





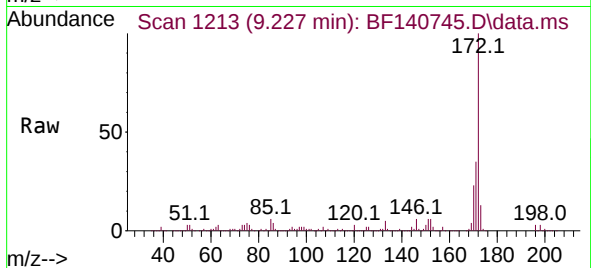
#45
2-Fluorobiphenyl
Concen: 97.446 ng
RT: 9.227 min Scan# 1111154
Delta R.T. -0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS



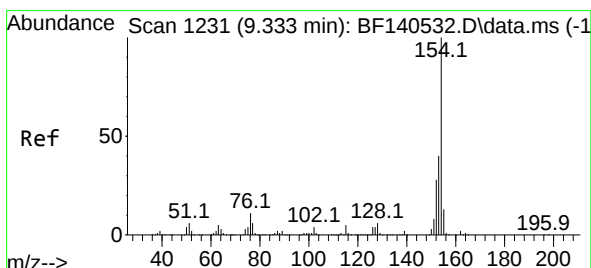
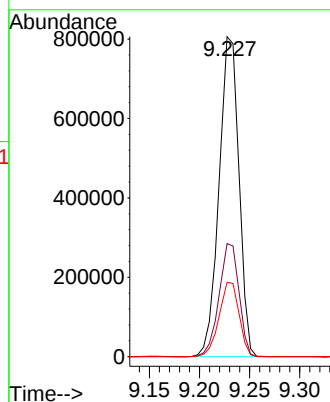
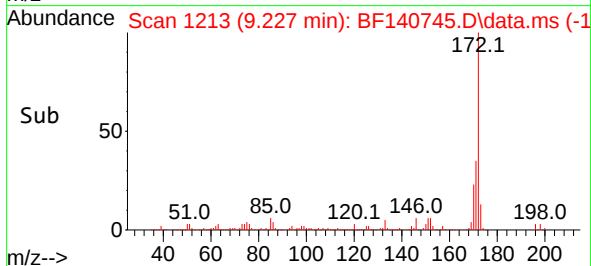
Tgt Ion:172 Resp: 1111154
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.3 19.0 28.6

Manual Integrations

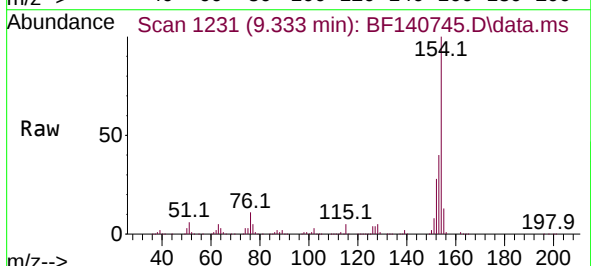
APPROVED

Reviewed By :Yogesh Patel 12/07/2024

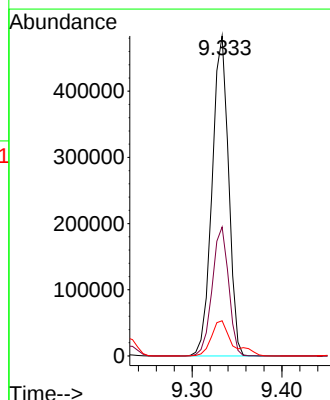
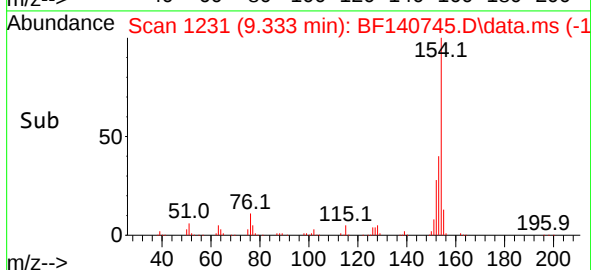
Supervised By :mohammad ahmed 12/07/2024

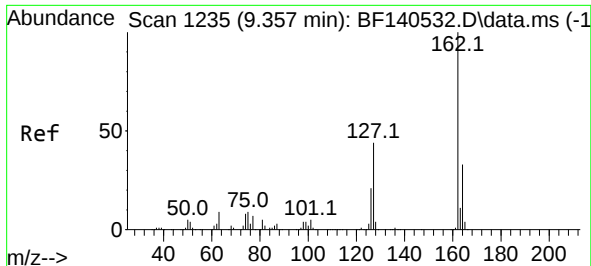


#46
1,1'-Biphenyl
Concen: 48.527 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:154 Resp: 615541
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.0 0.0 31.2





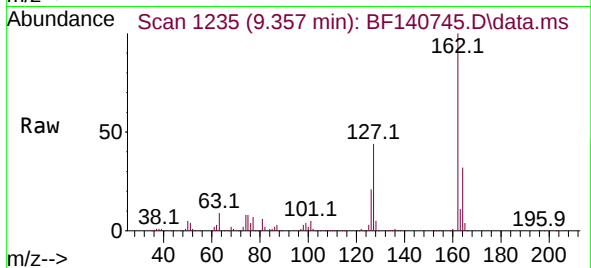
#47
2-Chloronaphthalene
Concen: 47.730 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

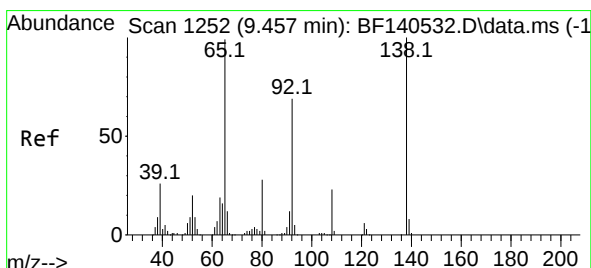
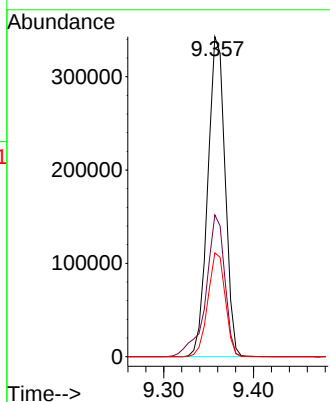
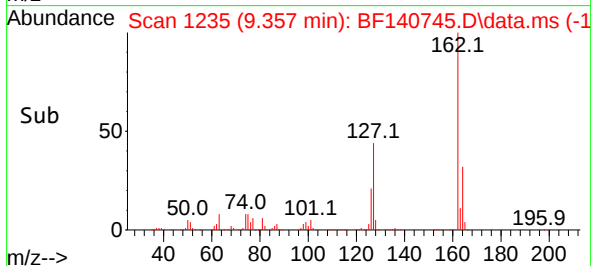
PB165366BS



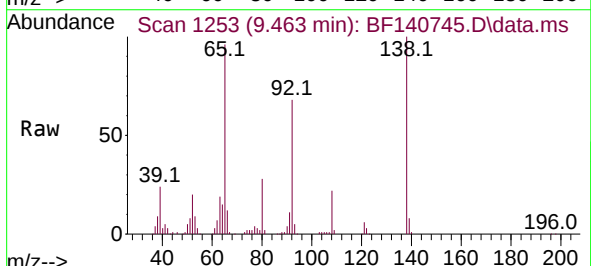
Tgt Ion:162 Resp: 45874
Ion Ratio Lower Upper
162 100
127 44.3 35.7 53.5
164 32.4 26.1 39.1

Manual Integrations
APPROVED

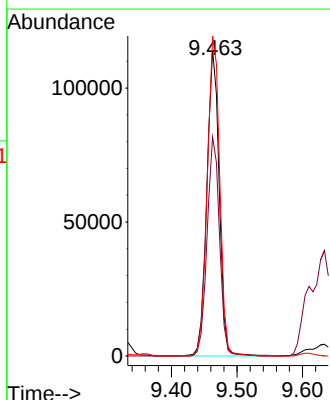
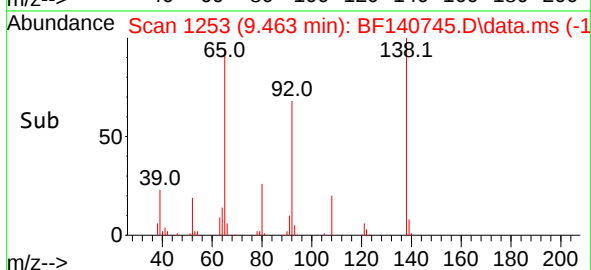
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

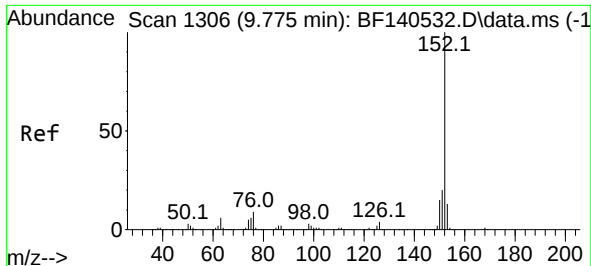


#48
2-Nitroaniline
Concen: 48.803 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion: 65 Resp: 150559
Ion Ratio Lower Upper
65 100
92 71.6 56.1 84.1
138 104.7 81.0 121.6





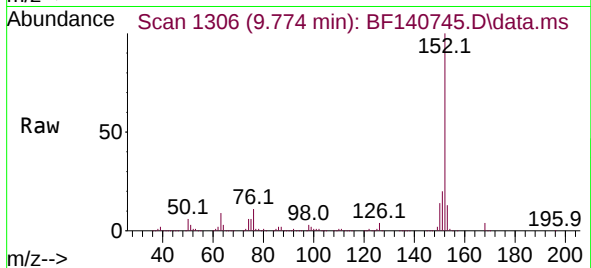
#49
Acenaphthylene
Concen: 51.494 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

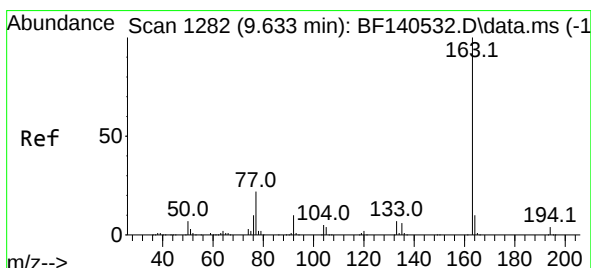
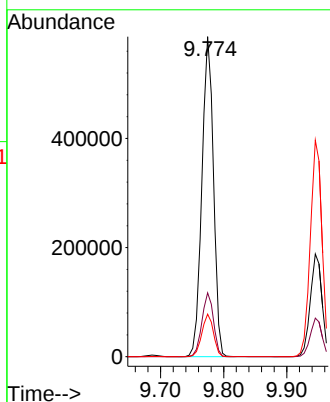
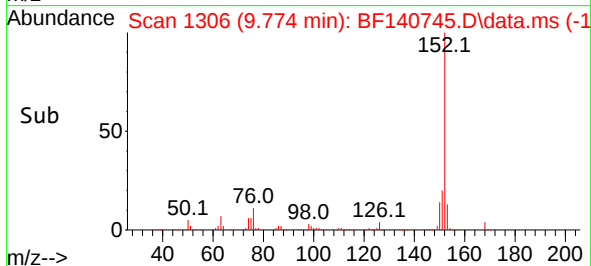


Tgt Ion:152 Resp: 747790
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.6 16.0

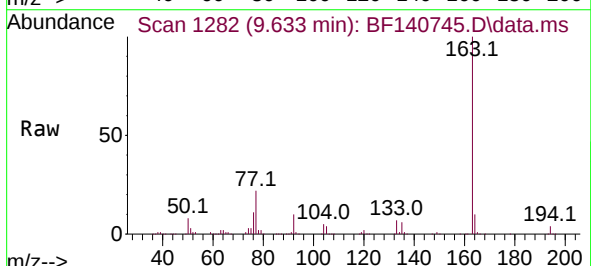
Manual Integrations

APPROVED

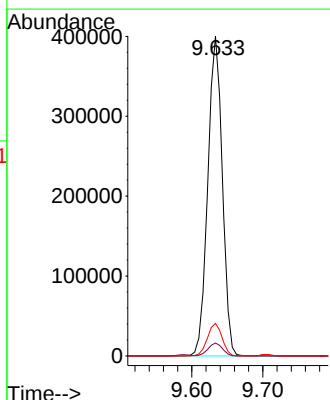
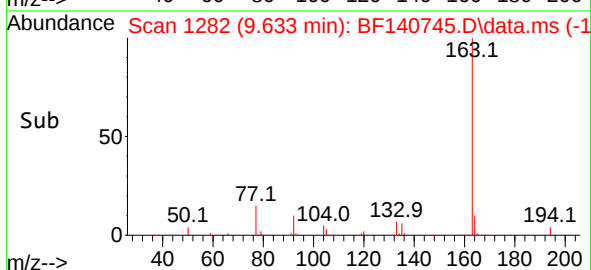
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

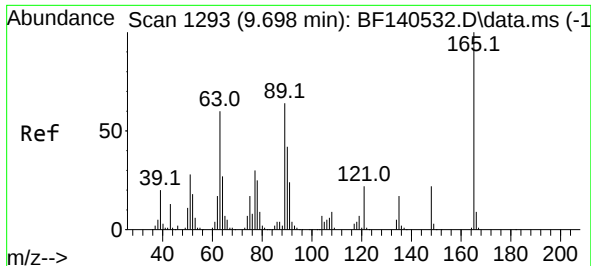


#50
Dimethylphthalate
Concen: 50.834 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:163 Resp: 568783
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.039 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

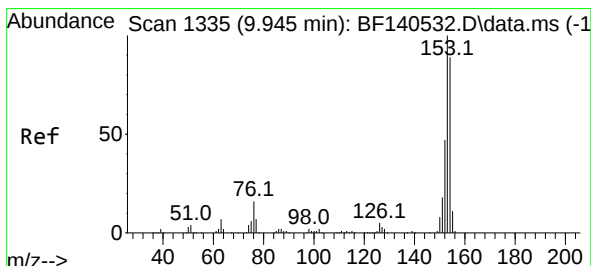
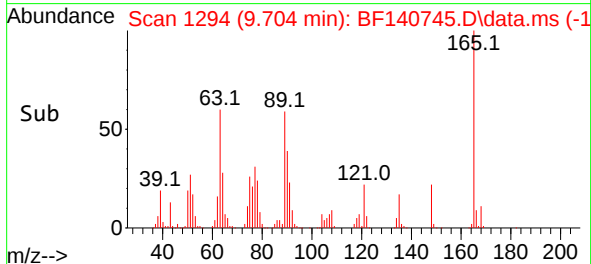
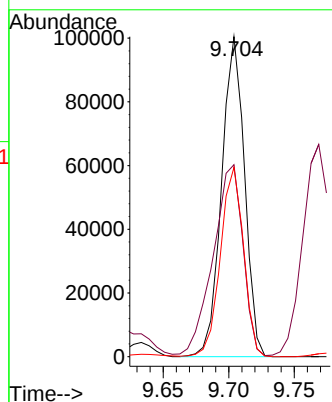
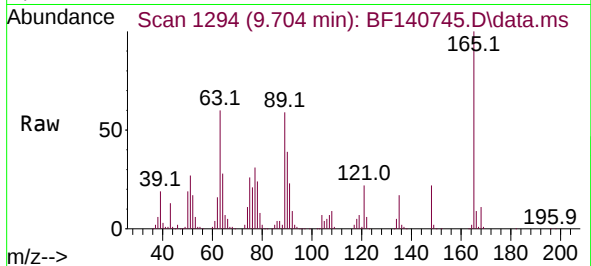
ClientSampleId :

PB165366BS

Tgt Ion:165 Resp: 12190
Ion Ratio Lower Upper
165 100
63 60.0 49.9 74.9
89 59.2 50.9 76.3

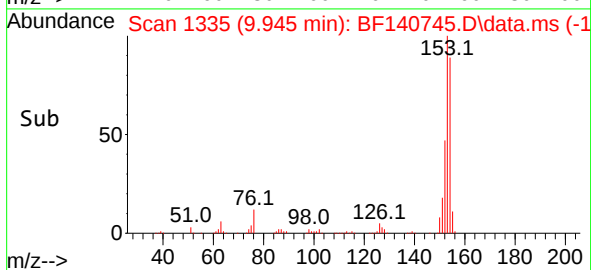
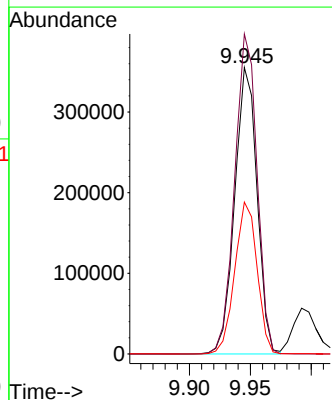
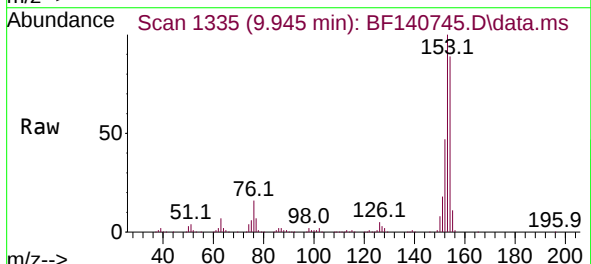
Manual Integrations
APPROVED

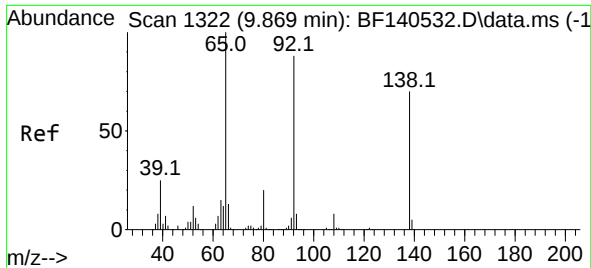
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#52
Acenaphthene
Concen: 49.218 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:154 Resp: 454140
Ion Ratio Lower Upper
154 100
153 111.8 89.7 134.5
152 53.0 42.5 63.7





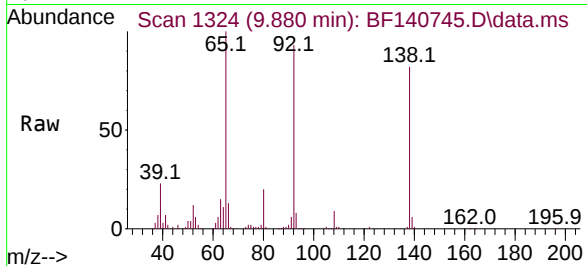
#53
3-Nitroaniline
Concen: 34.134 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS



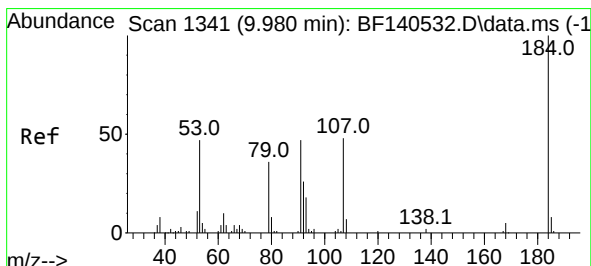
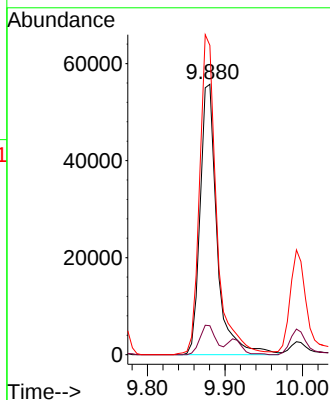
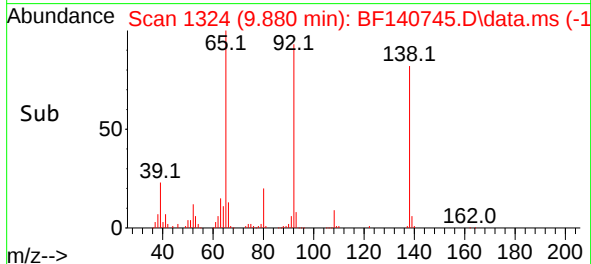
Tgt Ion:138 Resp: 84718
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 114.4 100.6 150.8

Manual Integrations

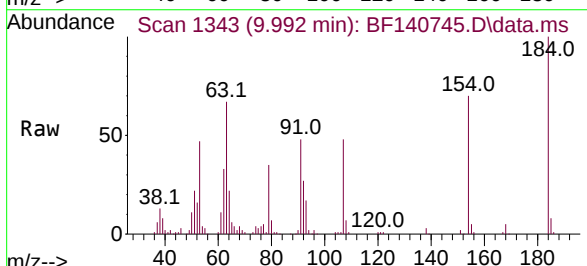
APPROVED

Reviewed By :Yogesh Patel 12/07/2024

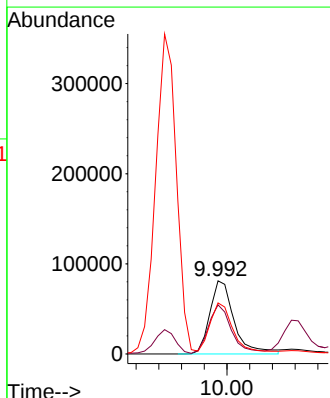
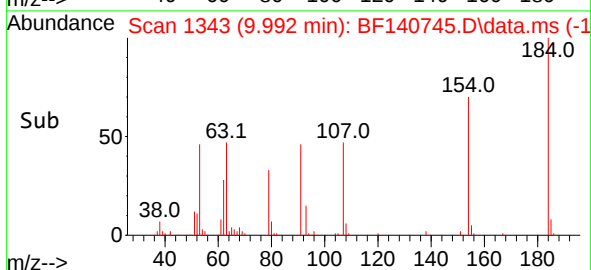
Supervised By :mohammad ahmed 12/07/2024

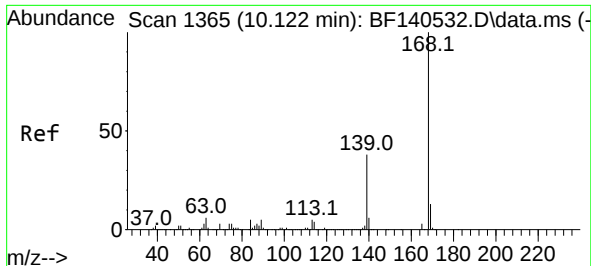


#54
2,4-Dinitrophenol
Concen: 90.928 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:184 Resp: 121059
Ion Ratio Lower Upper
184 100
63 67.2 54.1 81.1
154 69.8 57.4 86.0





#55
Dibenzenofuran
Concen: 48.875 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

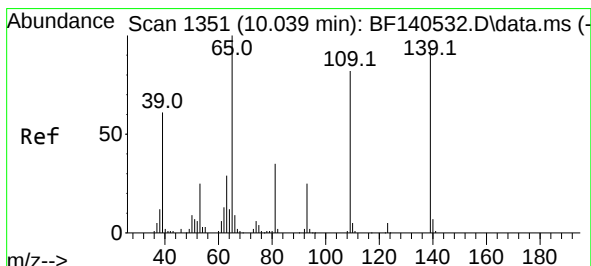
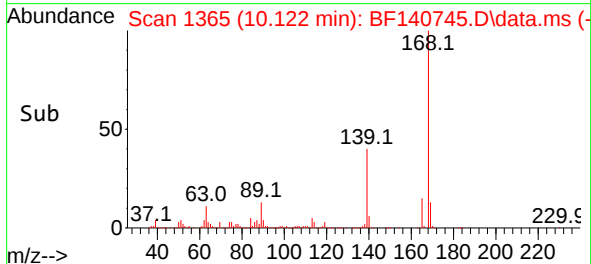
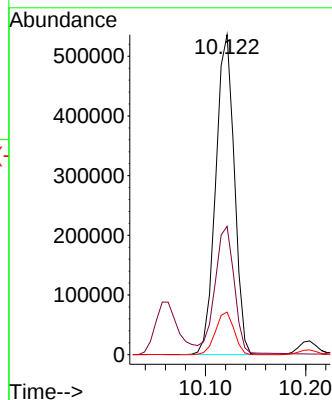
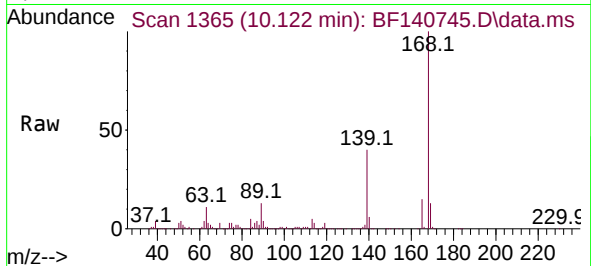
ClientSampleId :

PB165366BS

Tgt Ion:168 Resp: 687880
Ion Ratio Lower Upper
168 100
139 40.1 31.3 46.9
169 13.3 10.5 15.7

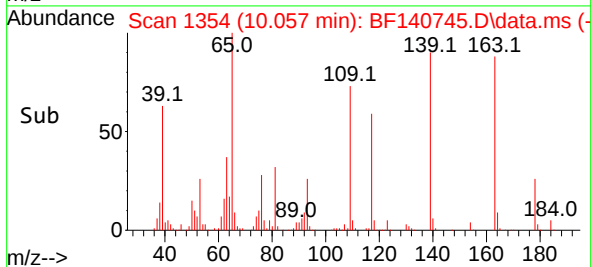
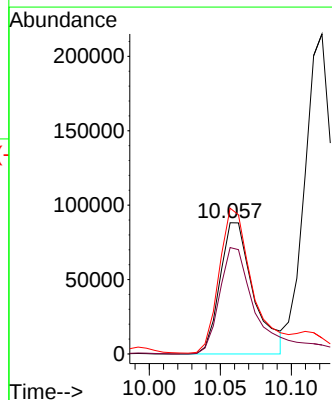
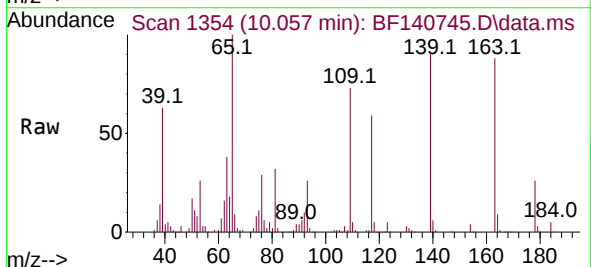
Manual Integrations
APPROVED

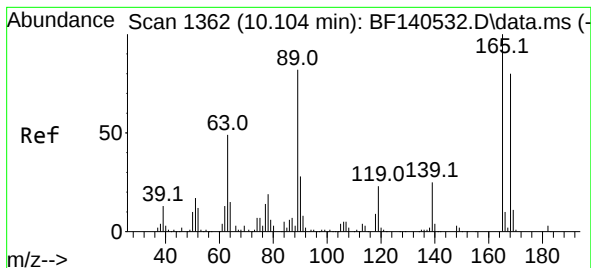
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#56
4-Nitrophenol
Concen: 85.603 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:139 Resp: 144898
Ion Ratio Lower Upper
139 100
109 81.1 68.4 108.4
65 111.1 88.6 128.6





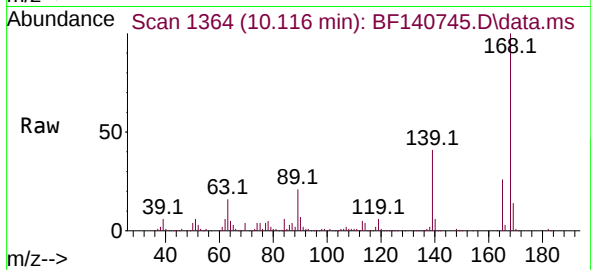
#57
2,4-Dinitrotoluene
Concen: 48.311 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS



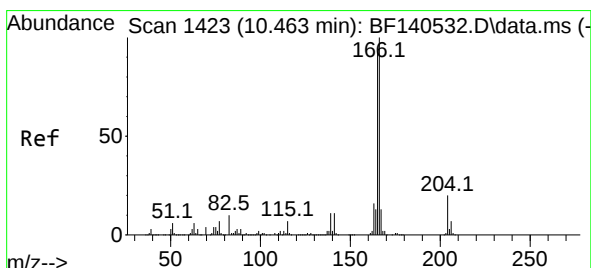
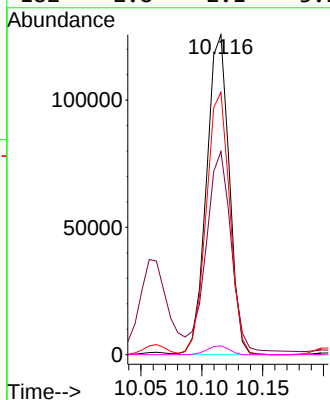
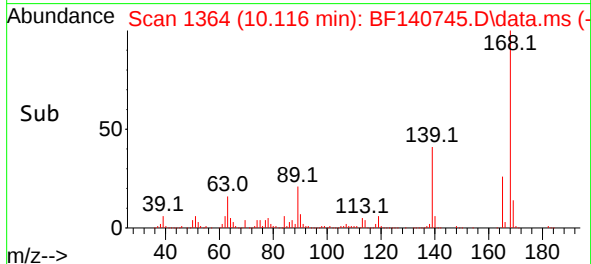
Tgt Ion:165 Resp: 16293
Ion Ratio Lower Upper
165 100
63 63.5 41.7 62.5
89 82.0 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations

APPROVED

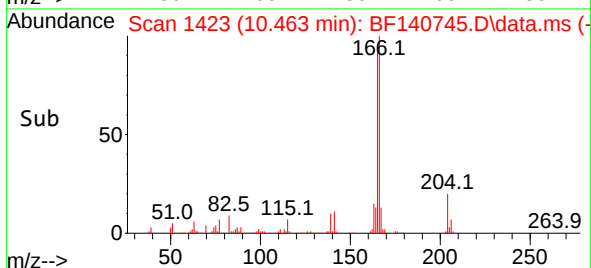
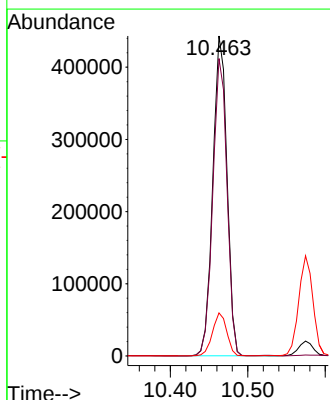
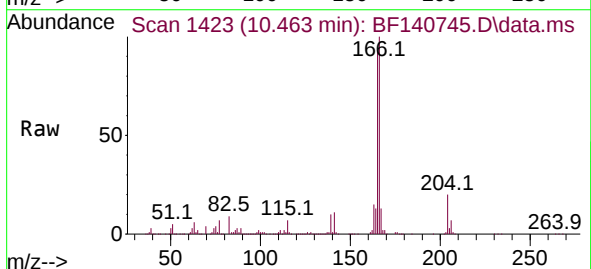
Reviewed By :Yogesh Patel 12/07/2024

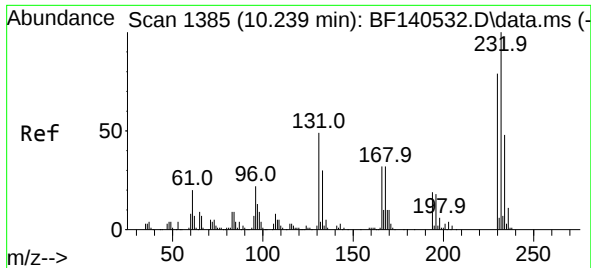
Supervised By :mohammad ahmed 12/07/2024



#58
Fluorene
Concen: 49.812 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

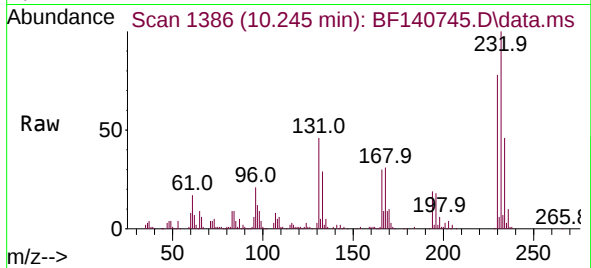
Tgt Ion:166 Resp: 562727
Ion Ratio Lower Upper
166 100
165 93.0 74.6 111.8
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.704 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

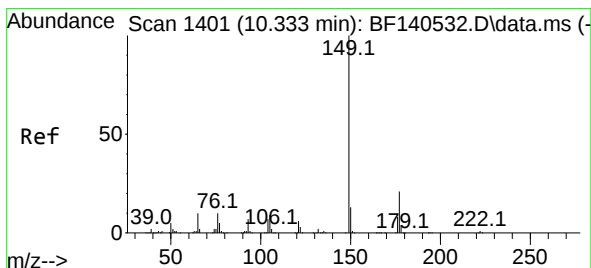
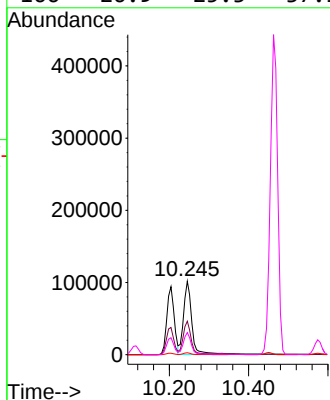
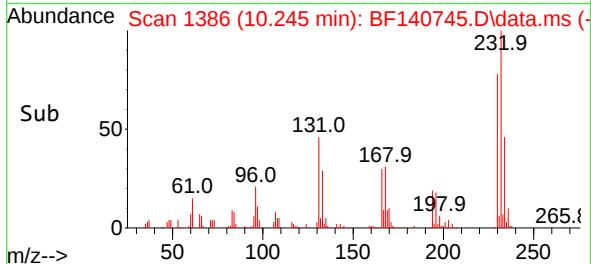
Instrument :
BNA_F
ClientSampleId :
PB165366BS



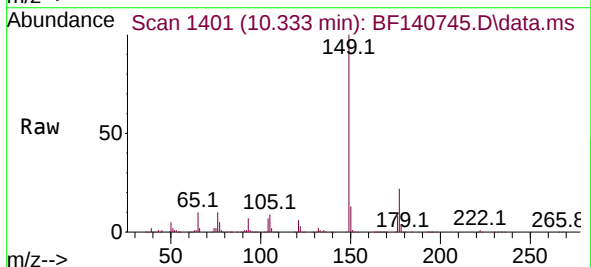
Tgt Ion:232 Resp: 147601
Ion Ratio Lower Upper
232 100
131 43.4 39.6 59.4
130 2.4 1.9 2.9
166 26.9 25.3 37.9

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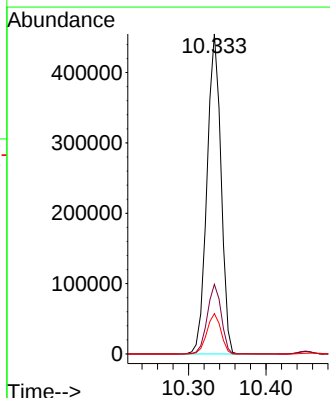
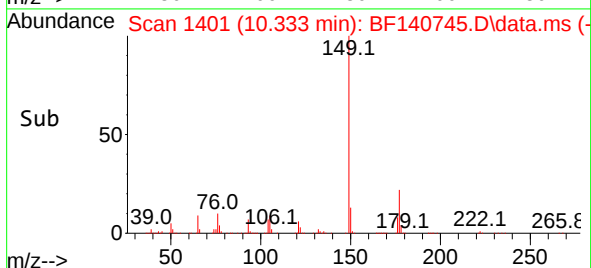
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

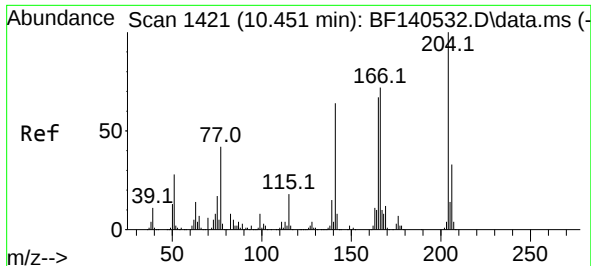


#60
Diethylphthalate
Concen: 50.131 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



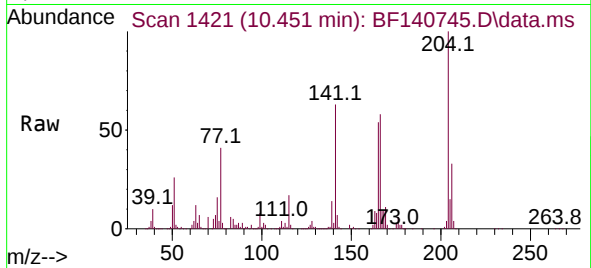
Tgt Ion:149 Resp: 569902
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.190 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

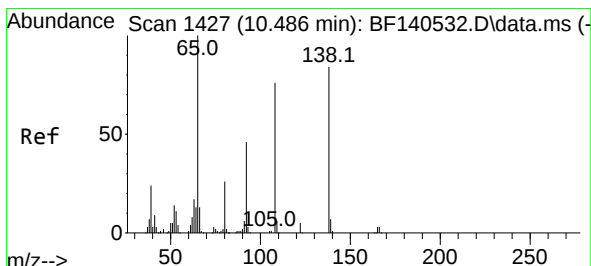
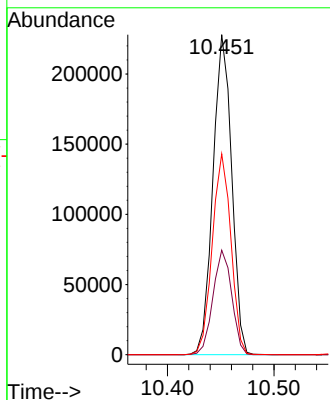
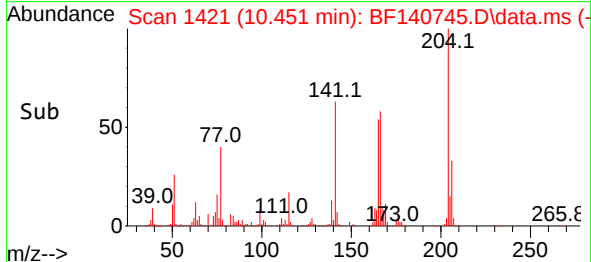
Instrument :
BNA_F
ClientSampleId :
PB165366BS



Tgt Ion:204 Resp: 27826
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 62.7 51.1 76.7

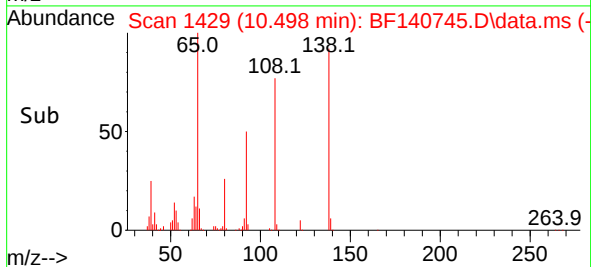
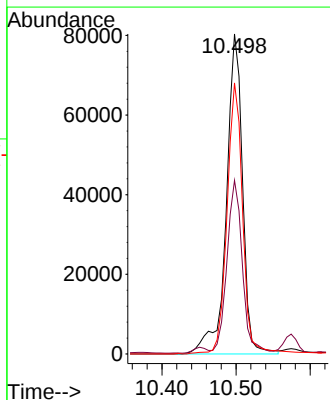
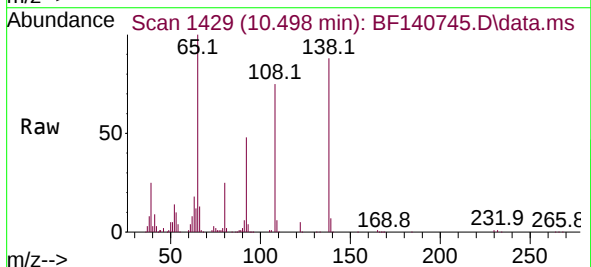
Manual Integrations
APPROVED

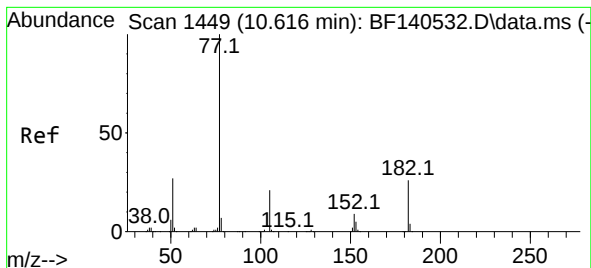
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#62
4-Nitroaniline
Concen: 46.975 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:138 Resp: 122280
Ion Ratio Lower Upper
138 100
92 54.2 34.5 74.5
108 84.7 70.6 110.6





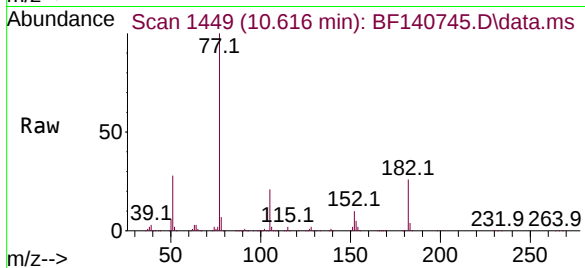
#63
Azobenzene
Concen: 50.645 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS



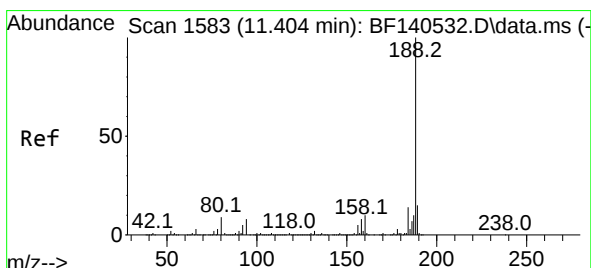
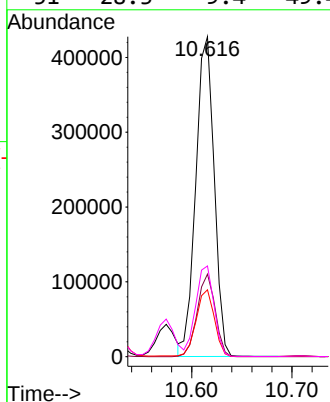
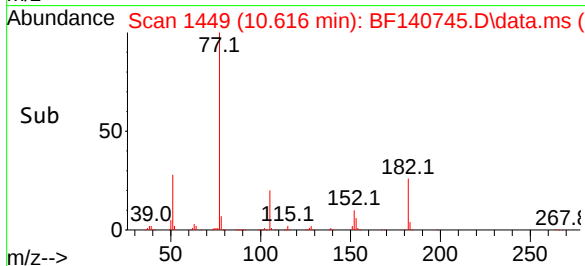
Tgt Ion: 77 Resp: 54523
Ion Ratio Lower Upper
77 100
182 25.8 5.3 45.3
105 20.9 0.3 40.3
51 28.3 9.4 49.4

Manual Integrations

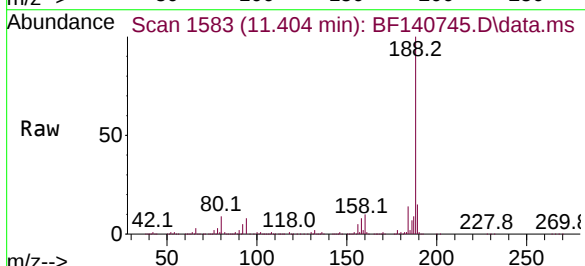
APPROVED

Reviewed By :Yogesh Patel 12/07/2024

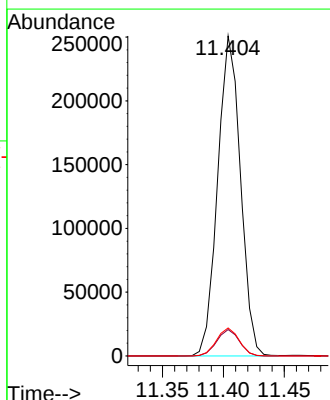
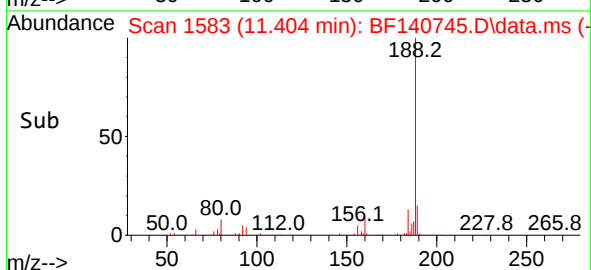
Supervised By :mohammad ahmed 12/07/2024

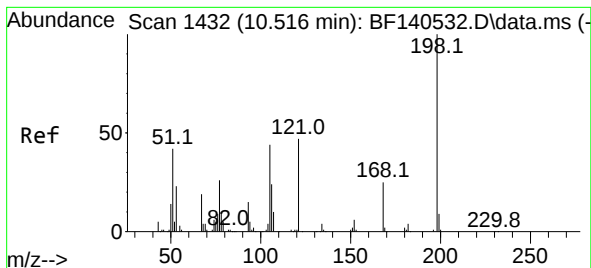


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:188 Resp: 326566
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 6.9 10.3





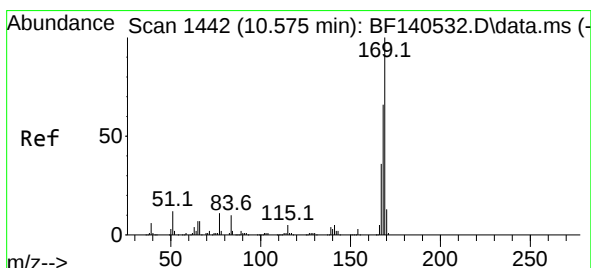
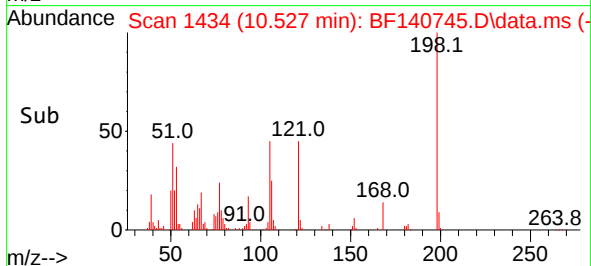
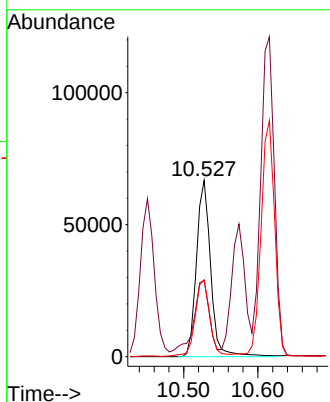
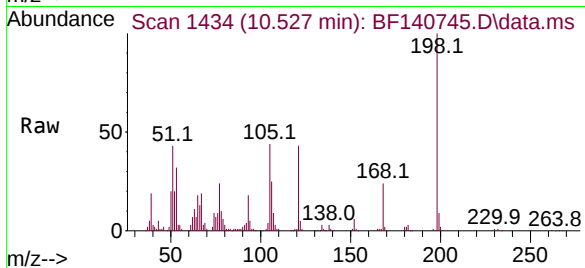
#65
4,6-Dinitro-2-methylphenol
Concen: 53.385 ng
RT: 10.527 min Scan# 1432
Delta R.T. 0.011 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :
BNA_F
ClientSampleId :
PB165366BS

Tgt Ion:198 Resp: 8908
Ion Ratio Lower Upper
198 100
51 43.4 29.4 69.4
105 43.6 25.4 65.4

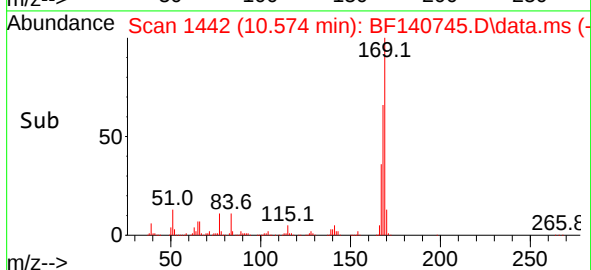
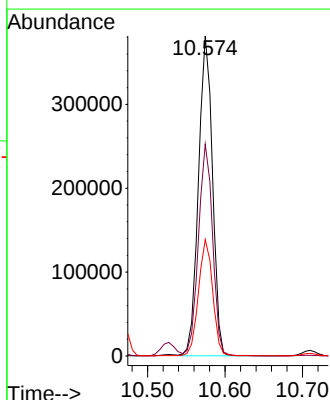
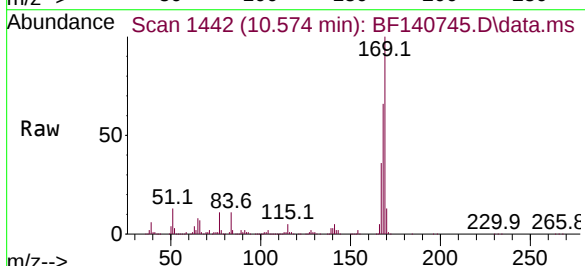
Manual Integrations
APPROVED

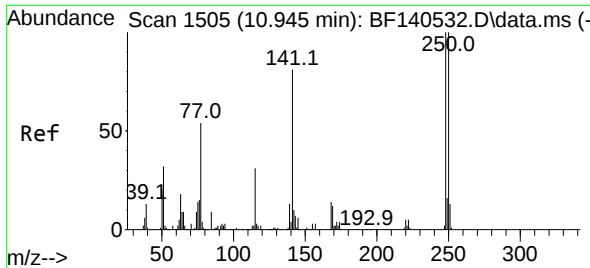
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#66
n-Nitrosodiphenylamine
Concen: 49.591 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:169 Resp: 478925
Ion Ratio Lower Upper
169 100
168 66.2 53.2 79.8
167 36.3 29.0 43.6





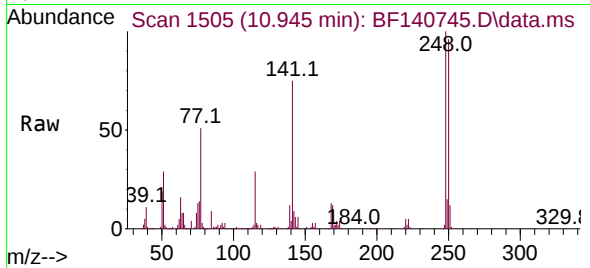
#67
4-Bromophenyl-phenylether
Concen: 50.747 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

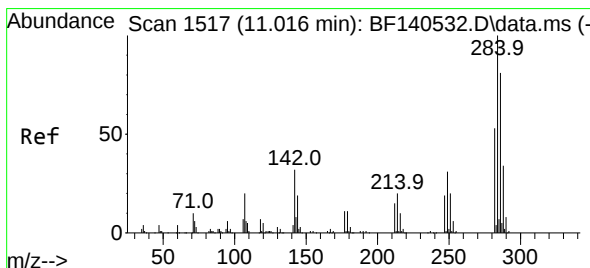
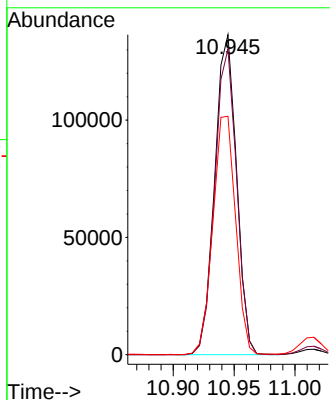
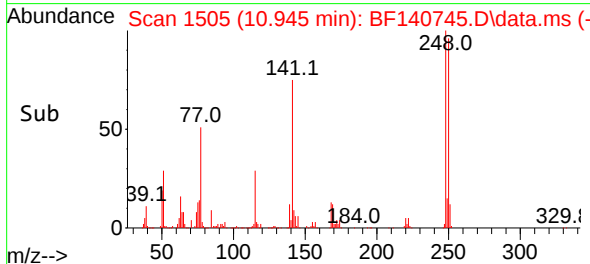
PB165366BS



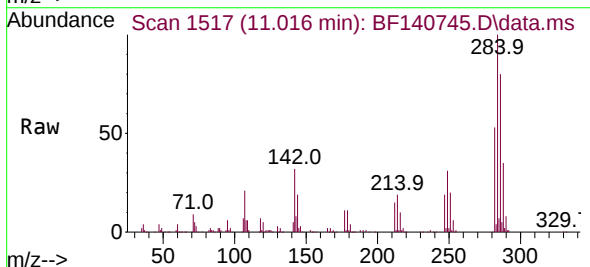
Tgt Ion:248 Resp: 170669
Ion Ratio Lower Upper
248 100
250 95.5 79.8 119.8
141 74.5 64.7 97.1

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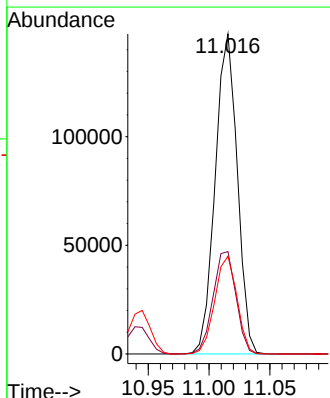
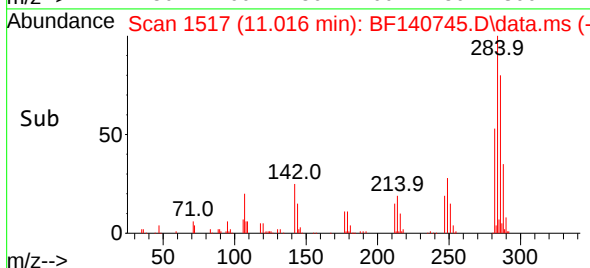
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

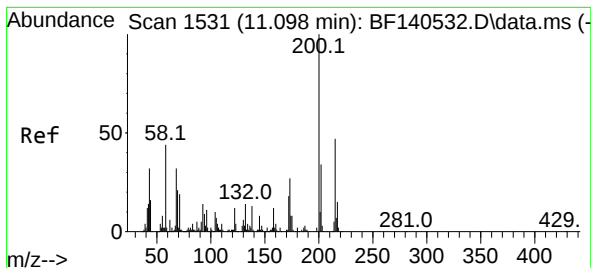


#68
Hexachlorobenzene
Concen: 47.770 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:284 Resp: 186026
Ion Ratio Lower Upper
284 100
142 32.0 25.3 37.9
249 30.6 24.8 37.2





#69

Atrazine

Concen: 54.923 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF140745.D

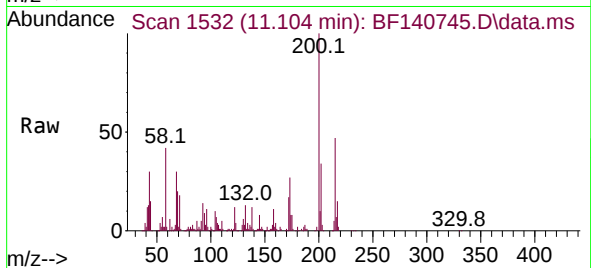
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS



Tgt Ion:200 Resp: 14921

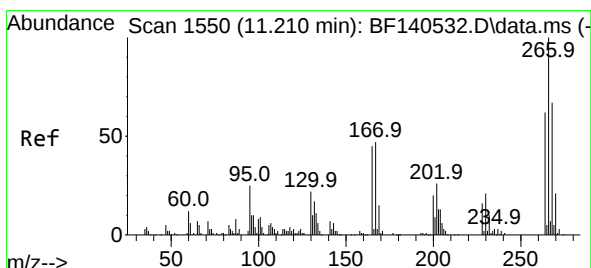
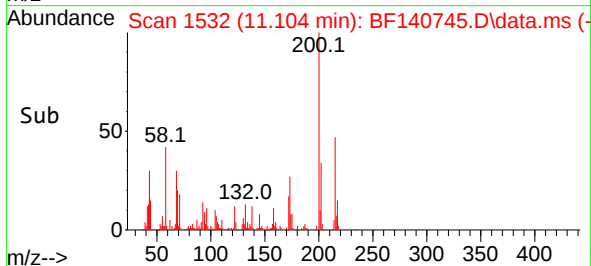
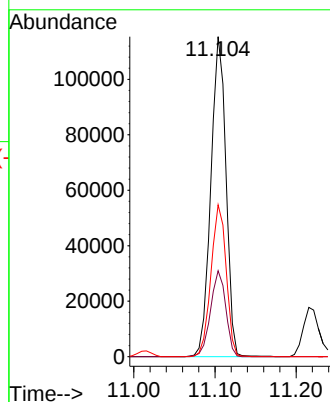
Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.0	47.0
215	47.4	26.7	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#70

Pentachlorophenol

Concen: 85.532 ng

RT: 11.221 min Scan# 1552

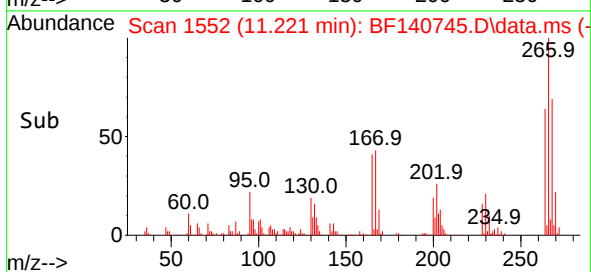
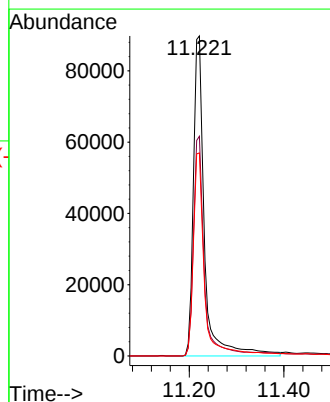
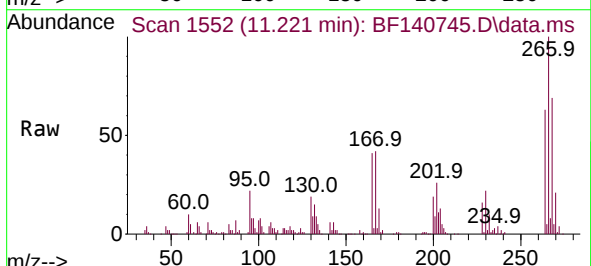
Delta R.T. 0.011 min

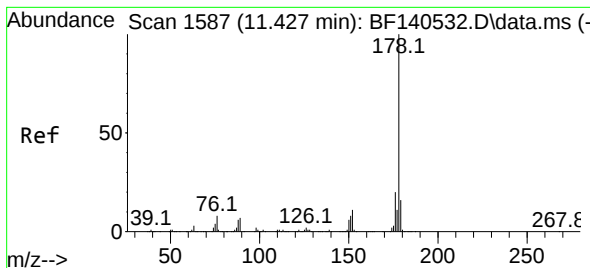
Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Tgt Ion:266 Resp: 146595

Ion	Ratio	Lower	Upper
266	100		
268	68.6	53.7	80.5
264	63.5	49.8	74.8





#71

Phenanthrene

Concen: 50.643 ng

RT: 11.433 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

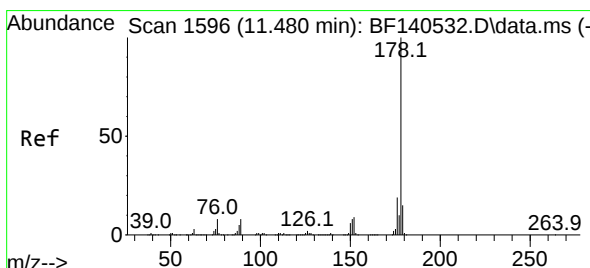
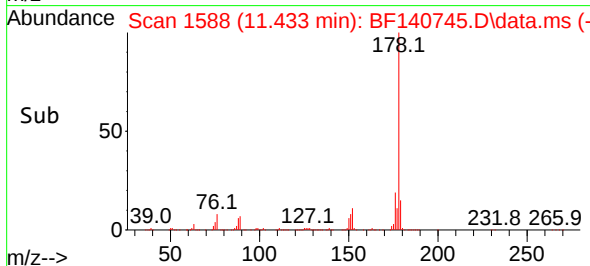
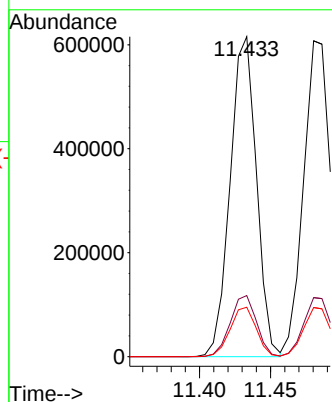
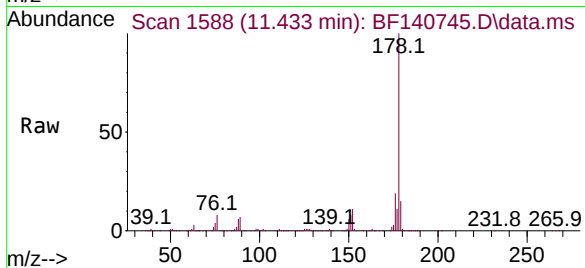
ClientSampleId :

PB165366BS

Tgt Ion:178 Resp: 794972
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.5 12.4 18.6

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



#72

Anthracene

Concen: 52.355 ng

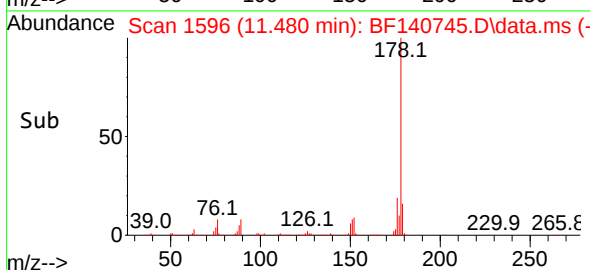
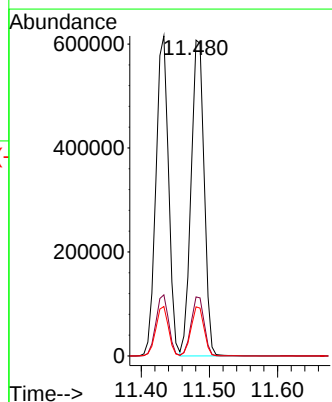
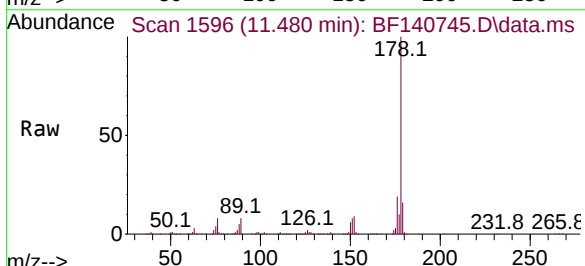
RT: 11.480 min Scan# 1596

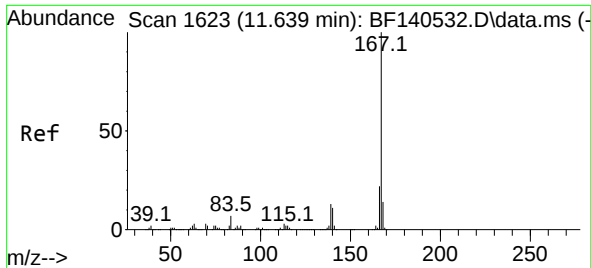
Delta R.T. -0.000 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Tgt Ion:178 Resp: 803928
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.0 22.4
 179 15.6 12.2 18.4





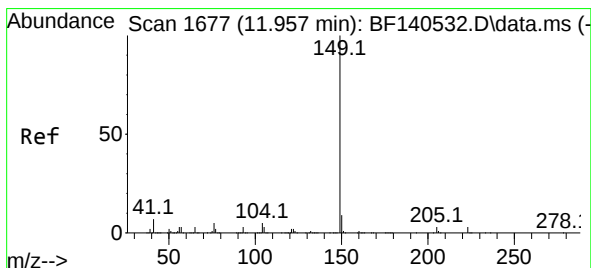
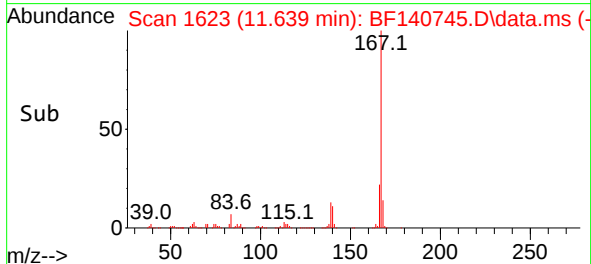
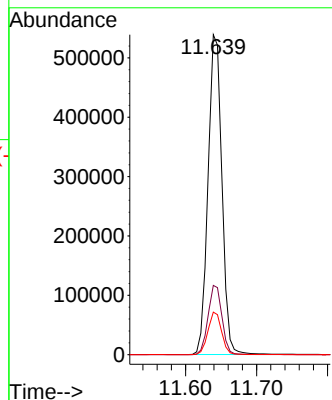
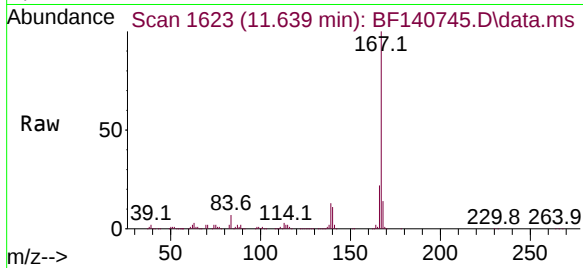
#73
 Carbazole
 Concen: 49.547 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BF140745.D
 Acq: 05 Dec 2024 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB165366BS

Tgt Ion:167 Resp: 731900
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.3 10.6 15.8

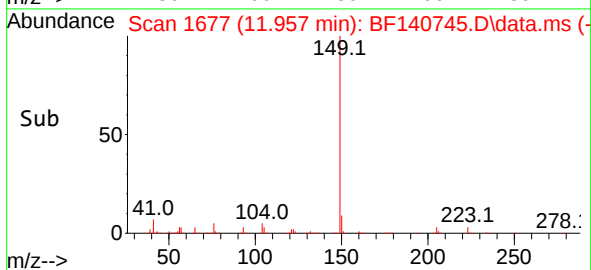
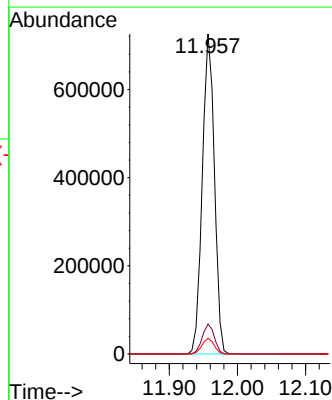
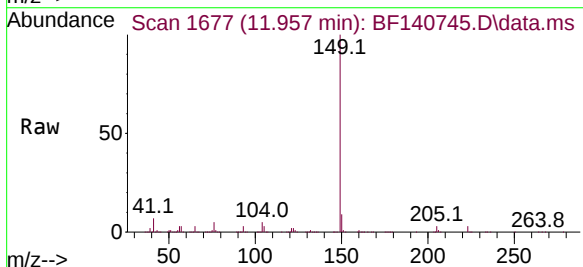
Manual Integrations
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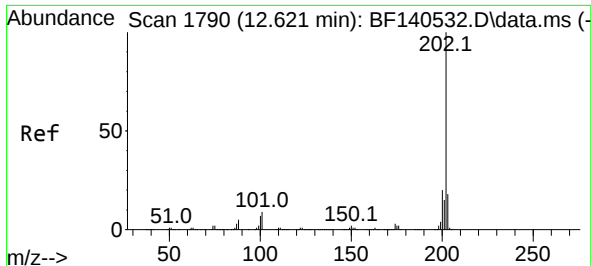
Reviewed By :Yogesh Patel 12/07/2024
 Supervised By :mohammad ahmed 12/07/2024



#74
 Di-n-butylphthalate
 Concen: 52.578 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF140745.D
 Acq: 05 Dec 2024 13:44

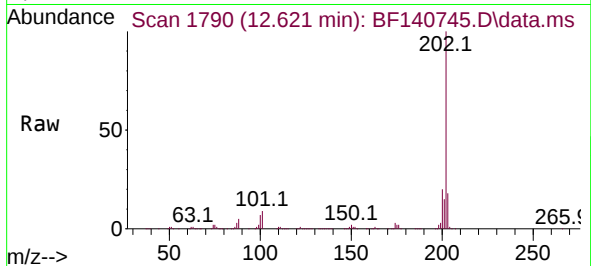
Tgt Ion:149 Resp: 896668
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 50.782 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

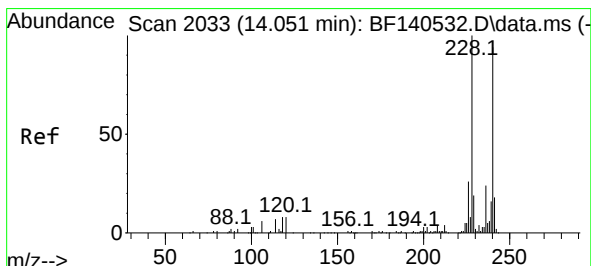
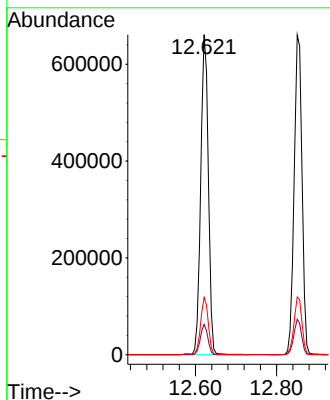
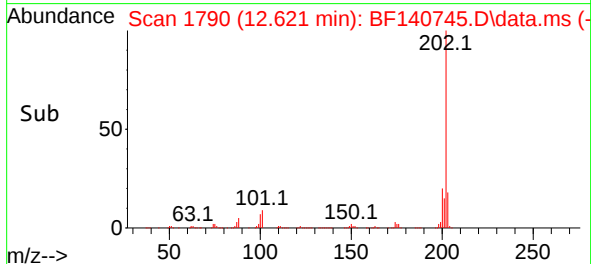
Instrument :
BNA_F
ClientSampleId :
PB165366BS



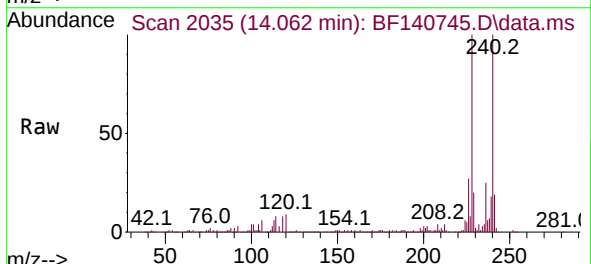
Tgt Ion:202 Resp: 865509
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.9
203 17.9 0.0 37.6

Manual Integrations
APPROVED

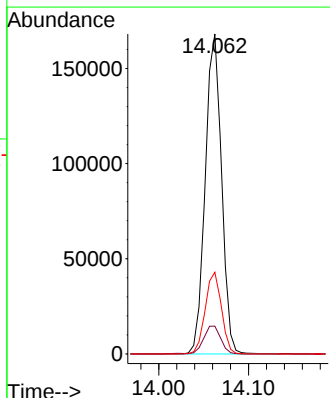
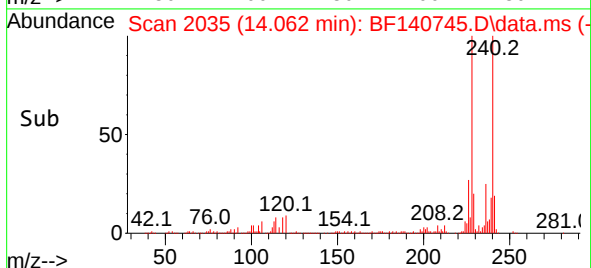
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

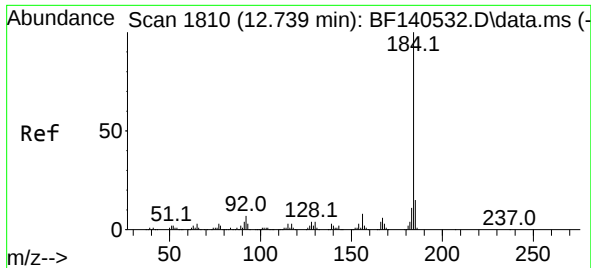


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:240 Resp: 212008
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.5 20.6 31.0





#77
Benzidine
Concen: 22.759 ng
RT: 12.751 min Scan# 1812
Delta R.T. 0.012 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

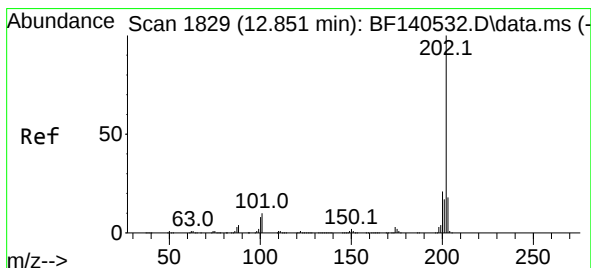
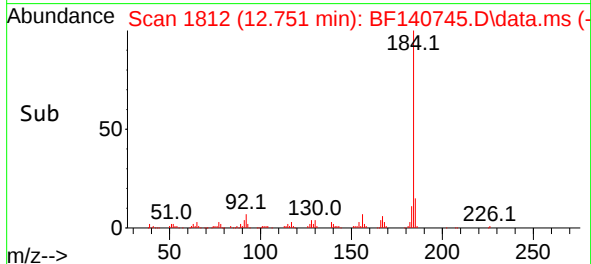
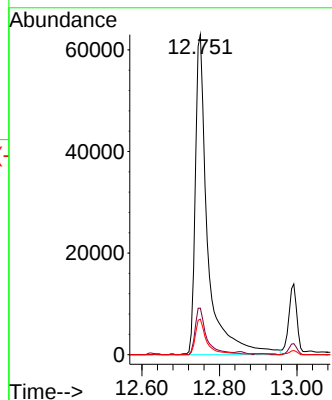
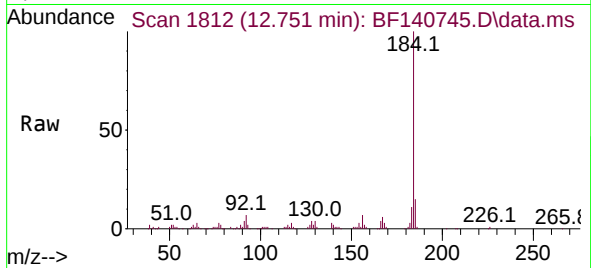
PB165366BS

Tgt Ion:184 Resp: 140289
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.1 8.8 13.2

Manual Integrations

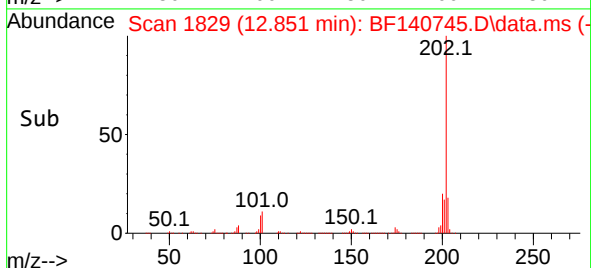
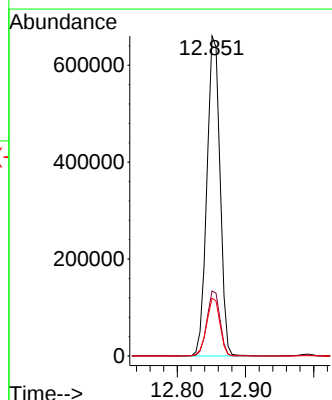
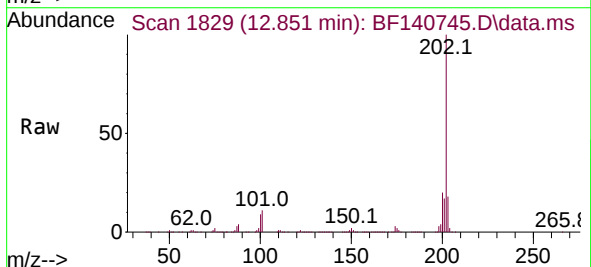
APPROVED

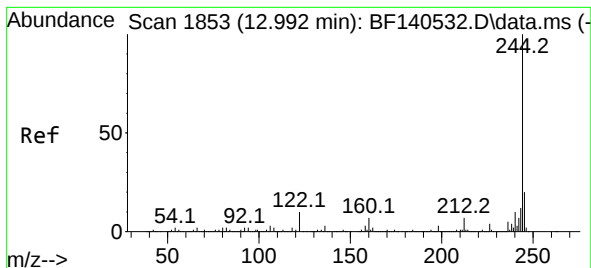
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#78
Pyrene
Concen: 45.091 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:202 Resp: 883906
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 97.462 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

Tgt Ion:244 Resp: 1326979

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

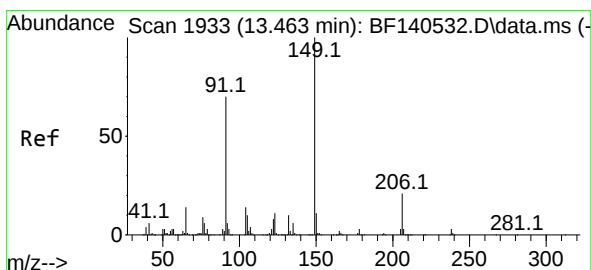
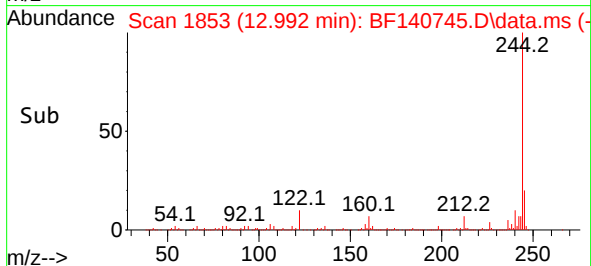
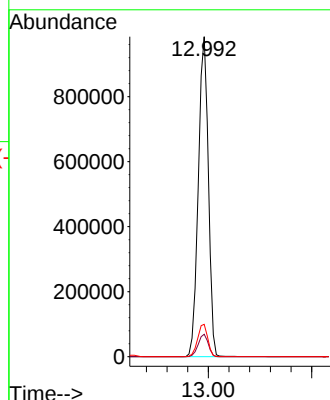
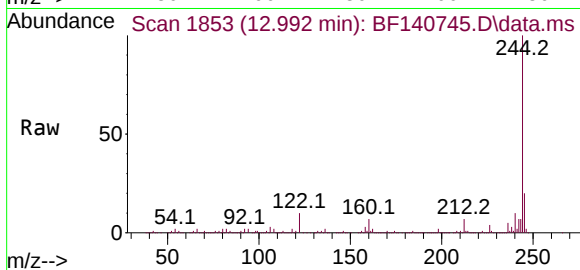
122 10.1 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#80

Butylbenzylphthalate

Concen: 49.817 ng

RT: 13.462 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

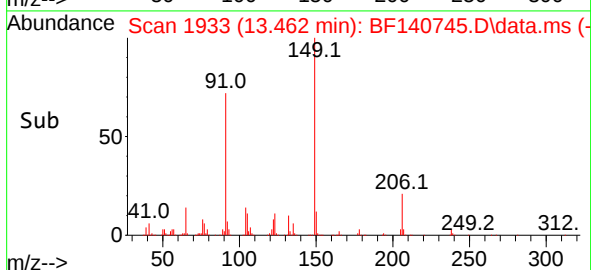
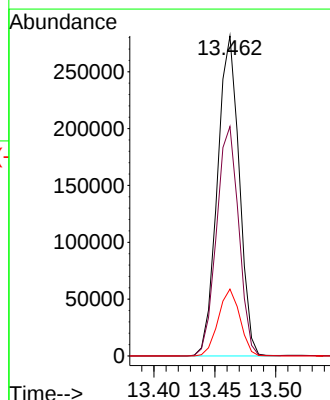
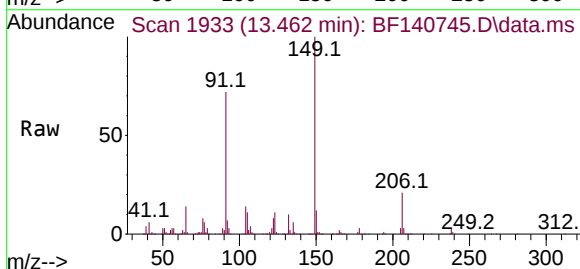
Tgt Ion:149 Resp: 351790

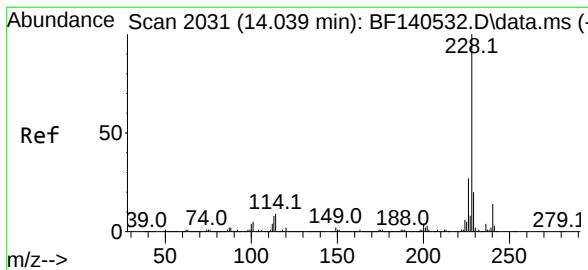
Ion Ratio Lower Upper

149 100

91 71.7 56.2 84.2

206 20.9 16.4 24.6





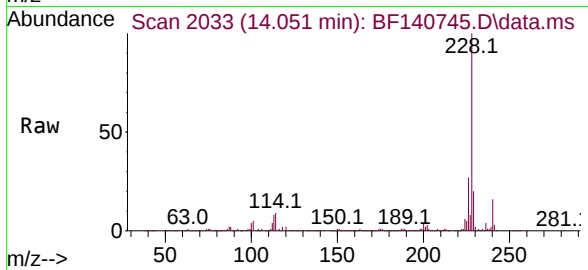
#81
Benzo(a)anthracene
Concen: 50.452 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.012 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

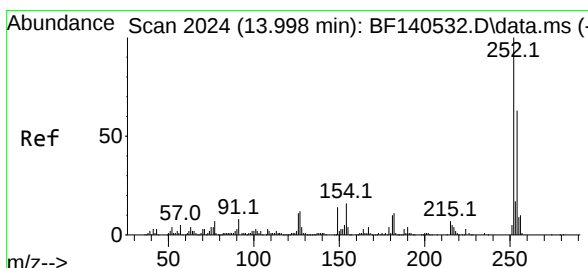
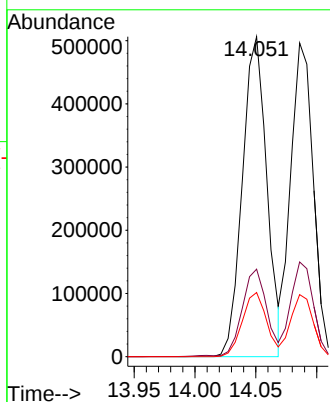
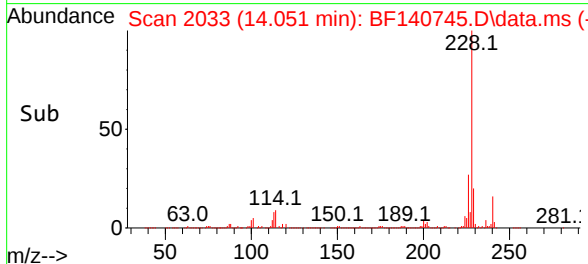
PB165366BS



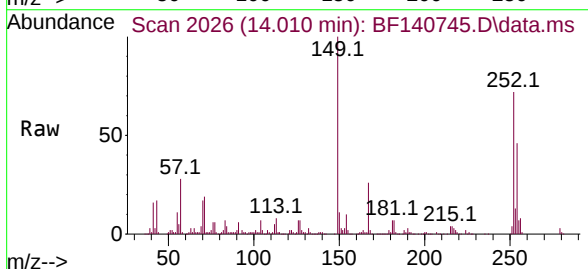
Tgt Ion:228 Resp: 708052
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 15.8 23.6

Manual Integrations
APPROVED

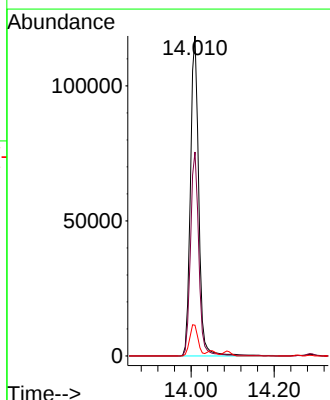
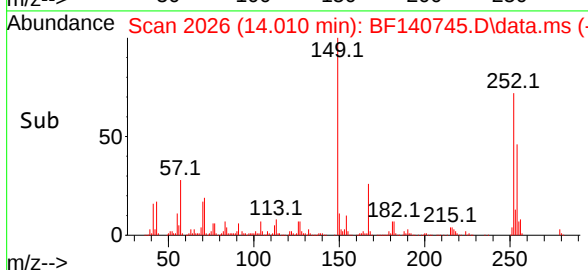
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

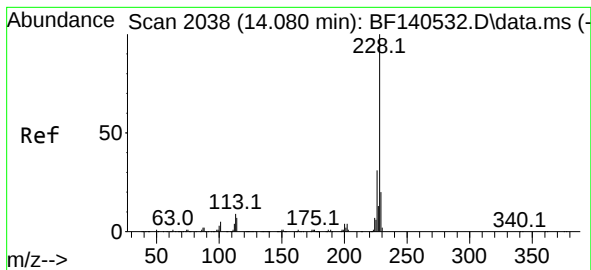


#82
3,3'-Dichlorobenzidine
Concen: 38.900 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:252 Resp: 163909
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 9.6 8.6 13.0





#83

Chrysene

Concen: 50.093 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

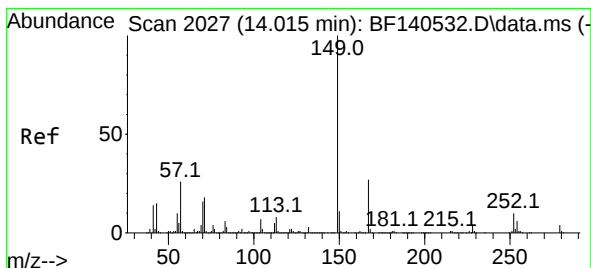
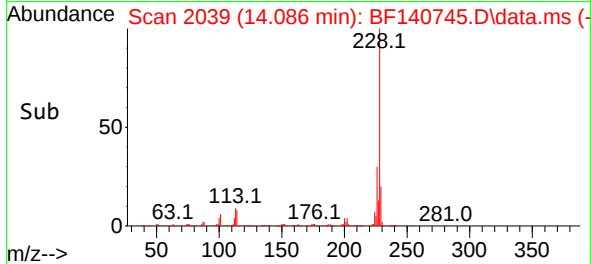
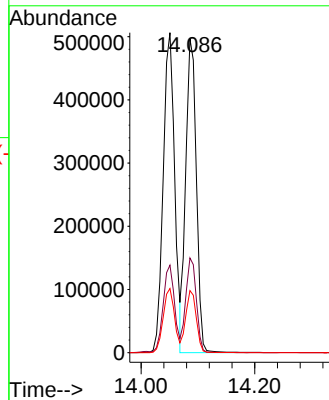
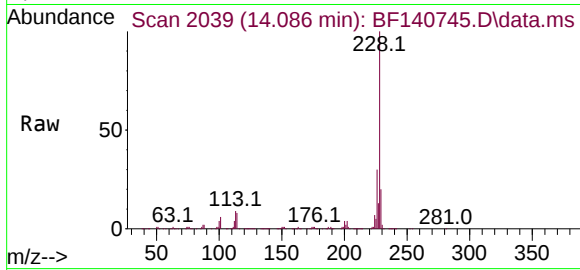
Tgt Ion:	228	Resp:	642829
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	19.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.123 ng

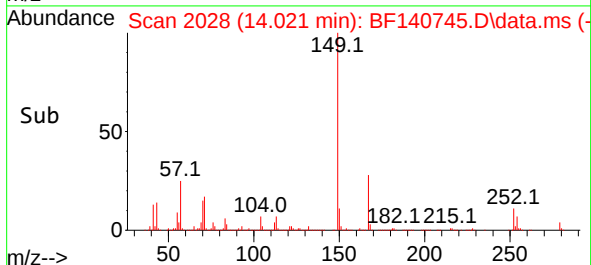
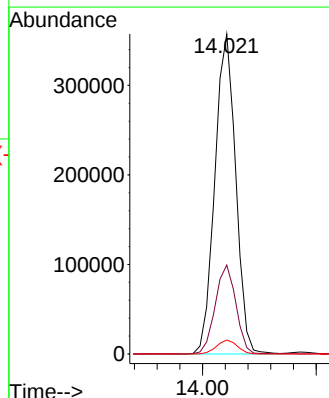
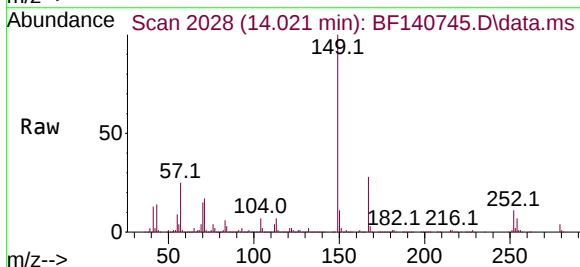
RT: 14.021 min Scan# 2028

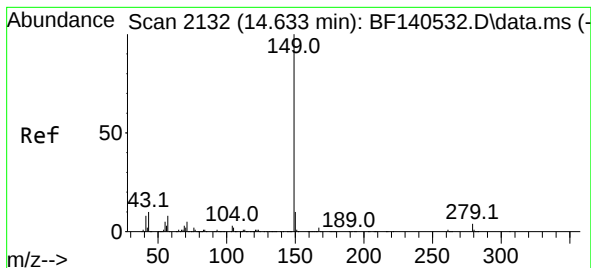
Delta R.T. 0.006 min

Lab File: BF140745.D

Acq: 05 Dec 2024 13:44

Tgt Ion:	149	Resp:	455860
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.2	31.8
279	4.4	3.2	4.8





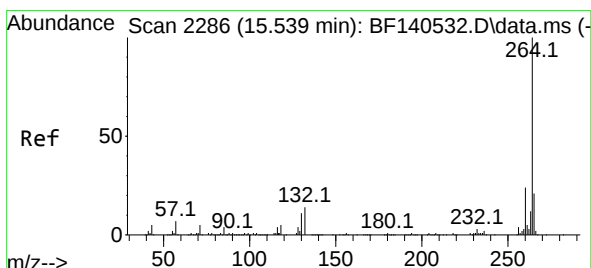
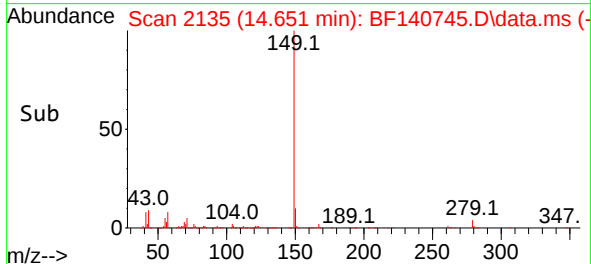
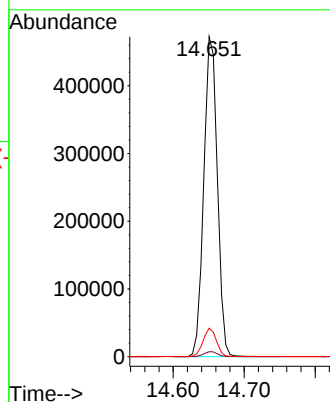
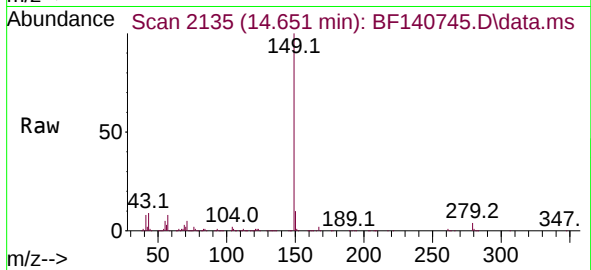
#85
Di-n-octyl phthalate
Concen: 51.562 ng
RT: 14.651 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :
BNA_F
ClientSampleId :
PB165366BS

Tgt Ion:149 Resp: 62834
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.7 11.5

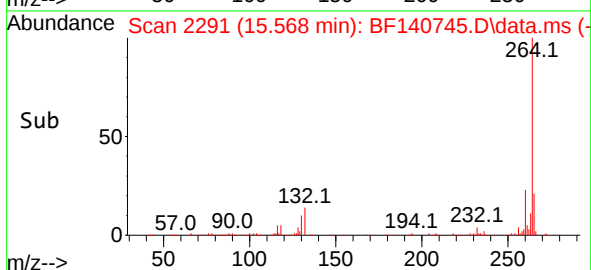
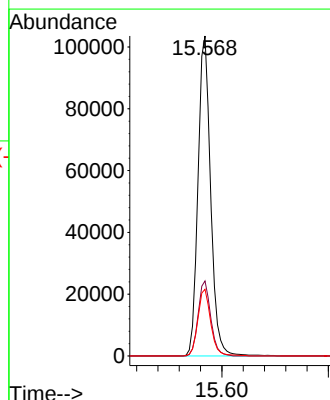
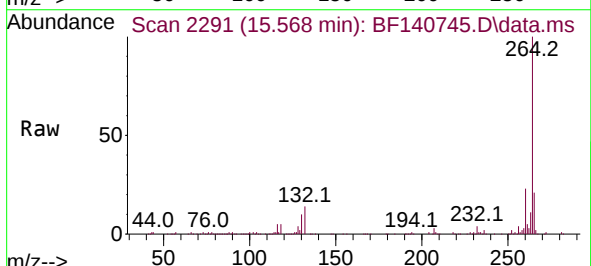
Manual Integrations
APPROVED

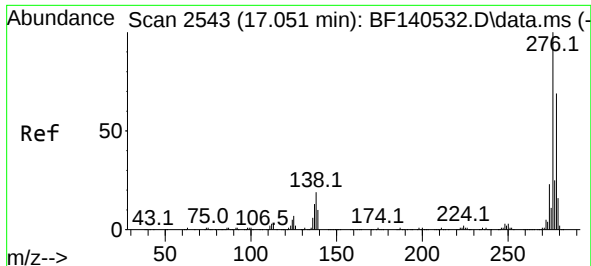
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.029 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:264 Resp: 170579
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 20.9 16.6 25.0





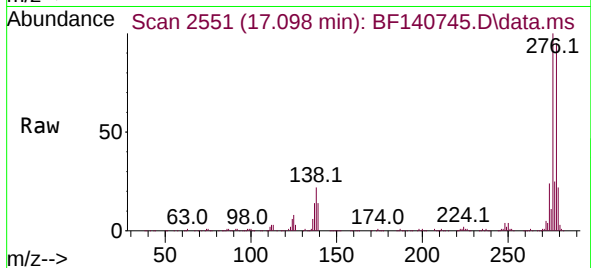
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.109 ng
RT: 17.098 min Scan# 2116
Delta R.T. 0.047 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

PB165366BS

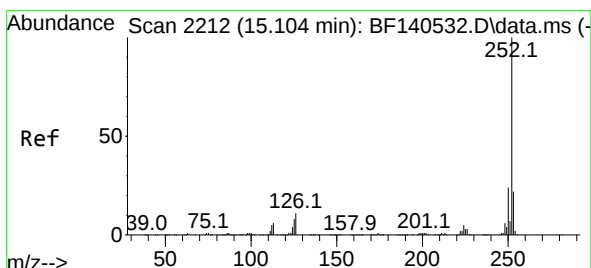
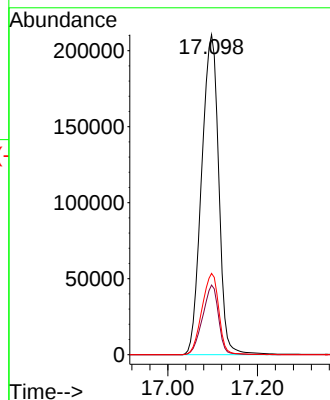
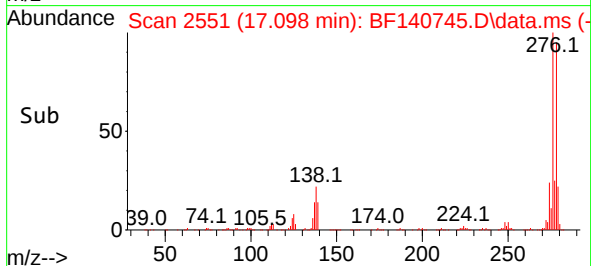


Tgt Ion:276 Resp: 557039
Ion Ratio Lower Upper
276 100
138 20.2 15.5 23.3
277 25.0 20.1 30.1

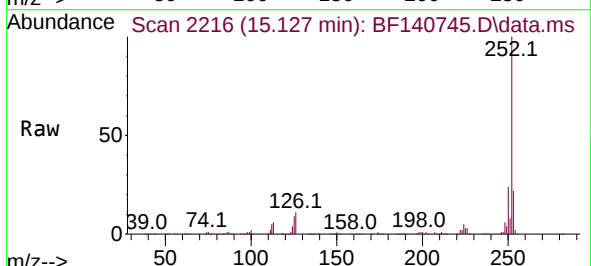
Manual Integrations

APPROVED

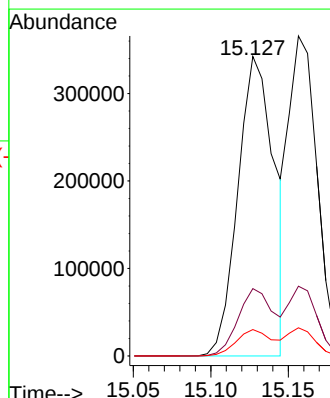
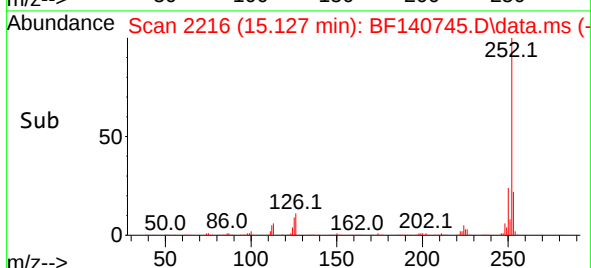
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

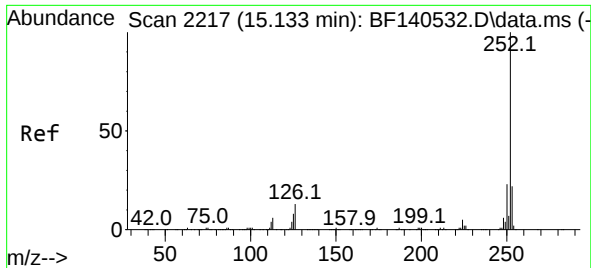


#88
Benzo(b)fluoranthene
Concen: 52.141 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.023 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44



Tgt Ion:252 Resp: 558652
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 8.8 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 50.558 ng
RT: 15.156 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

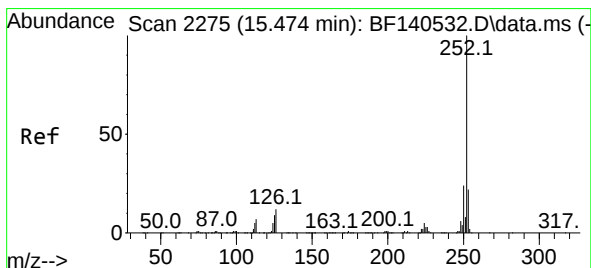
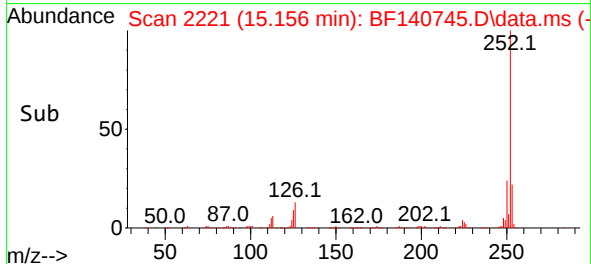
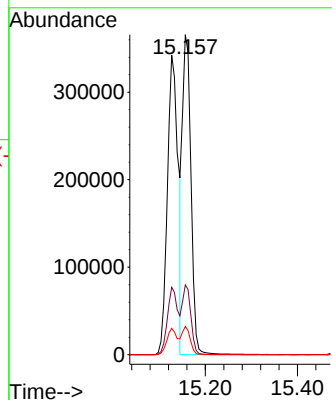
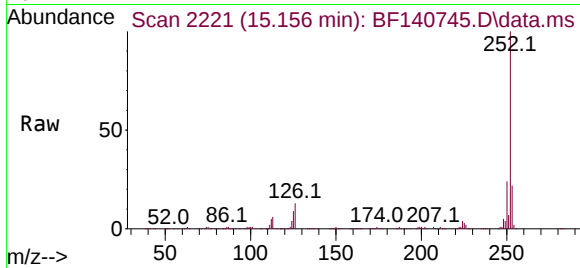
PB165366BS

Tgt Ion:252 Resp: 474030
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.8 6.5 9.7

Manual Integrations

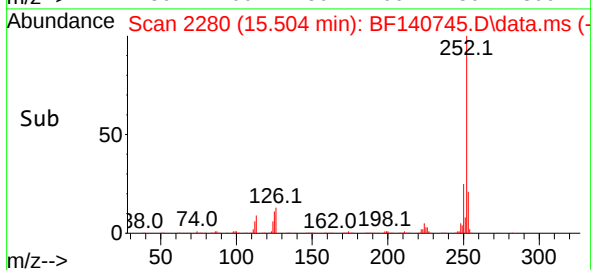
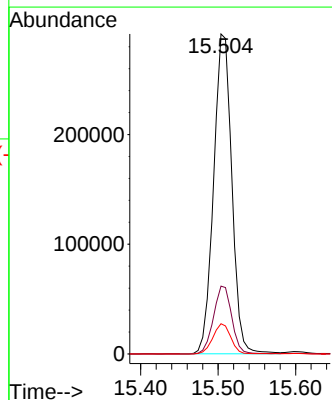
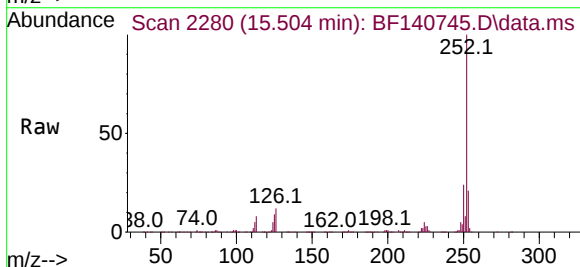
APPROVED

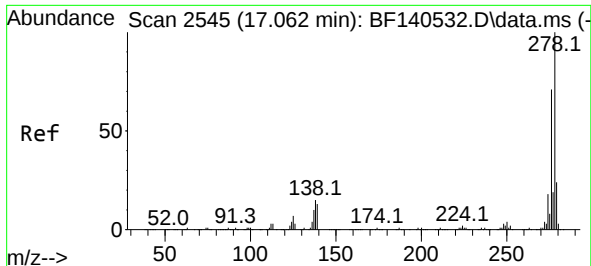
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#90
Benzo(a)pyrene
Concen: 54.607 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.029 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:252 Resp: 475718
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 9.5 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 50.495 ng
RT: 17.103 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

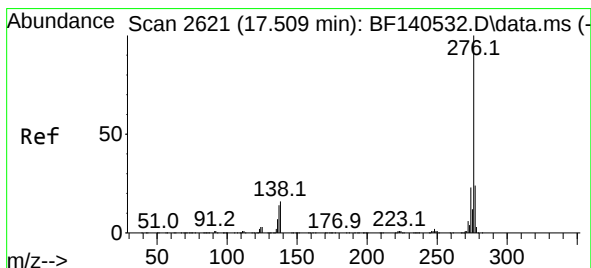
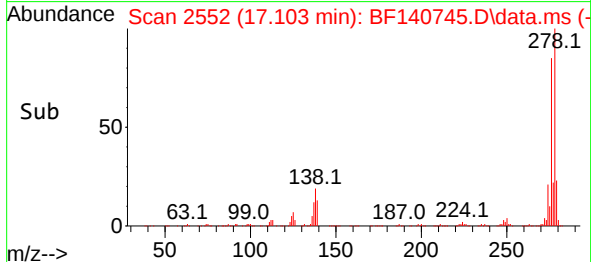
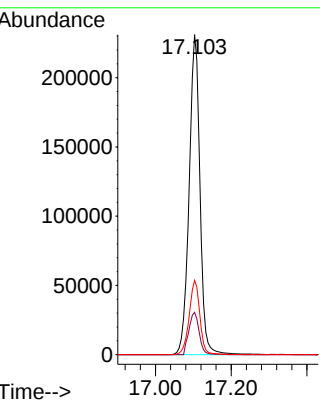
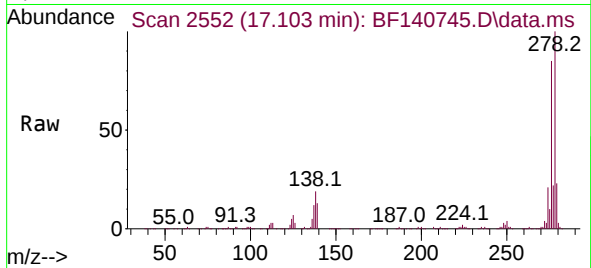
PB165366BS

Tgt Ion:278 Resp: 459704
Ion Ratio Lower Upper
278 100
139 13.3 10.2 15.4
279 23.2 18.9 28.3

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.843 ng
RT: 17.550 min Scan# 2628
Delta R.T. 0.041 min
Lab File: BF140745.D
Acq: 05 Dec 2024 13:44

Tgt Ion:276 Resp: 416590
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 17.3 13.2 19.8

