

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140748.D
 Acq On : 05 Dec 2024 15:02
 Operator : RC/JU
 Sample : PB165383BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165383BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 05 15:22:39 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	70557	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	276888	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	161032	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	312586	20.000	ng	0.00
76) Chrysene-d12	14.063	240	204731	20.000	ng	0.01
86) Perylene-d12	15.562	264	165261	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	623289	150.724	ng	0.02
7) Phenol-d6	6.522	99	818562	149.729	ng	0.00
23) Nitrobenzene-d5	7.439	82	523175	96.648	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	268137	155.690	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1080199	99.945	ng	0.00
79) Terphenyl-d14	12.992	244	1276031	97.052	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	74182	42.666	ng	98
3) Pyridine	3.522	79	168021	43.921	ng	99
4) n-Nitrosodimethylamine	3.475	42	102903	45.768	ng	94
6) Aniline	6.540	93	200568	52.123	ng	# 54
8) 2-Chlorophenol	6.669	128	236344	53.123	ng	95
9) Benzaldehyde	6.428	77	68351	23.617	ng	99
10) Phenol	6.534	94	297103	53.214	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	236057	55.252	ng	97
12) 1,3-Dichlorobenzene	6.816	146	238571	47.723	ng	98
13) 1,4-Dichlorobenzene	6.892	146	244137	48.232	ng	99
14) 1,2-Dichlorobenzene	7.040	146	229582	48.404	ng	99
15) Benzyl Alcohol	7.022	79	212251	52.352	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	256587	50.836	ng	69
17) 2-Methylphenol	7.140	107	187187	52.561	ng	95
18) Hexachloroethane	7.381	117	91109	48.193	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	166463	51.521	ng	96
20) 3+4-Methylphenols	7.292	107	247396	54.045	ng	# 85
22) Acetophenone	7.281	105	323522	47.926	ng	# 94
24) Nitrobenzene	7.457	77	257859	46.090	ng	100
25) Isophorone	7.698	82	449849	49.824	ng	100
26) 2-Nitrophenol	7.775	139	126163	50.886	ng	97
27) 2,4-Dimethylphenol	7.816	122	192550m	64.909	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	275670	50.118	ng	99
29) 2,4-Dichlorophenol	8.028	162	208521	53.048	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	207358	46.202	ng	99
31) Naphthalene	8.175	128	684161	47.970	ng	99
32) Benzoic acid	7.963	122	102554	40.966	ng	99
33) 4-Chloroaniline	8.239	127	92111	21.571	ng	99
34) Hexachlorobutadiene	8.286	225	137822	46.362	ng	100
35) Caprolactam	8.610	113	62656m	51.507	ng	
36) 4-Chloro-3-methylphenol	8.728	107	229415	52.127	ng	99
37) 2-Methylnaphthalene	8.869	142	461395	50.934	ng	99
38) 1-Methylnaphthalene	8.969	142	431097	48.550	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	228778	48.529	ng	99
41) Hexachlorocyclopentadiene	9.016	237	178985	160.805	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	147364	49.817	ng	99

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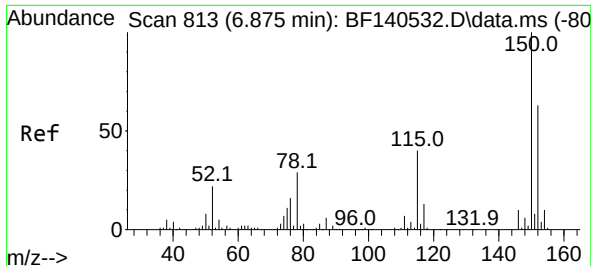
Manual Integrations
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 Supervised By :mohammad ahmed 12/07/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	154329	48.071	ng	97
46) 1,1'-Biphenyl	9.333	154	591814	49.224	ng	99
47) 2-Chloronaphthalene	9.357	162	439384	48.231	ng	99
48) 2-Nitroaniline	9.463	65	140080	47.905	ng	95
49) Acenaphthylene	9.775	152	720242	52.326	ng	100
50) Dimethylphthalate	9.633	163	546012	51.484	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116862	48.586	ng	95
52) Acenaphthene	9.945	154	433534	49.570	ng	100
53) 3-Nitroaniline	9.875	138	76443	32.495	ng	97
54) 2,4-Dinitrophenol	9.992	184	120252	94.917	ng	97
55) Dibenzofuran	10.122	168	660806	49.535	ng	99
56) 4-Nitrophenol	10.057	139	136189	84.886	ng	95
57) 2,4-Dinitrotoluene	10.116	165	159061	49.758	ng #	92
58) Fluorene	10.463	166	530789	49.570	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	135685	54.993	ng	92
60) Diethylphthalate	10.333	149	552011	51.229	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	268199	51.038	ng	99
62) 4-Nitroaniline	10.498	138	116609	47.262	ng	98
63) Azobenzene	10.616	77	517413	50.706	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	88952	55.688	ng	94
66) n-Nitrosodiphenylamine	10.575	169	467920	50.619	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	164095	50.975	ng	94
68) Hexachlorobenzene	11.016	284	182649	49.001	ng	100
69) Atrazine	11.104	200	144895	55.718	ng	99
70) Pentachlorophenol	11.216	266	146015	89.004	ng	99
71) Phenanthrene	11.433	178	761784	50.699	ng	99
72) Anthracene	11.480	178	776530	52.832	ng	100
73) Carbazole	11.639	167	708398	50.100	ng	100
74) Di-n-butylphthalate	11.957	149	853495	52.284	ng	100
75) Fluoranthene	12.621	202	839437	51.455	ng	99
77) Benzidine	12.745	184	178899	30.055	ng	99
78) Pyrene	12.851	202	860738	45.470	ng	99
80) Butylbenzylphthalate	13.463	149	344632	50.538	ng	99
81) Benzo(a)anthracene	14.051	228	706841	52.156	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	151774	37.301	ng	100
83) Chrysene	14.086	228	625800	50.500	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	446072	51.804	ng	99
85) Di-n-octyl phthalate	14.651	149	627308	53.307	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	547725	50.857	ng	99
88) Benzo(b)fluoranthene	15.127	252	504983	48.648	ng	100
89) Benzo(k)fluoranthene	15.157	252	507934	55.917	ng	99
90) Benzo(a)pyrene	15.504	252	463606	54.930	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	448673	50.869	ng	100
92) Benzo(g,h,i)perylene	17.551	276	412062	45.783	ng	99

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



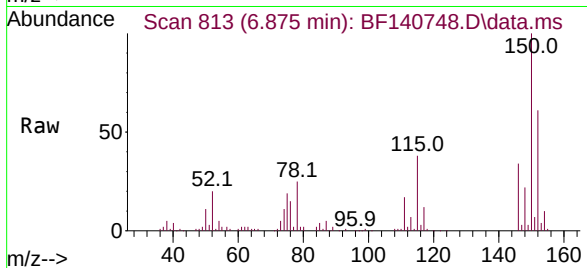
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

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BNA_F

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PB165383BS



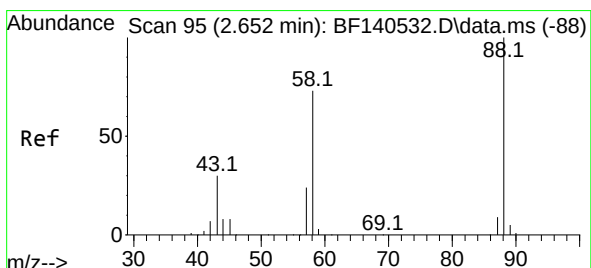
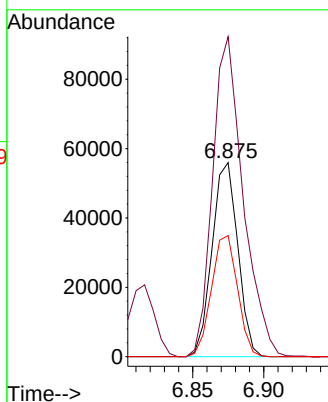
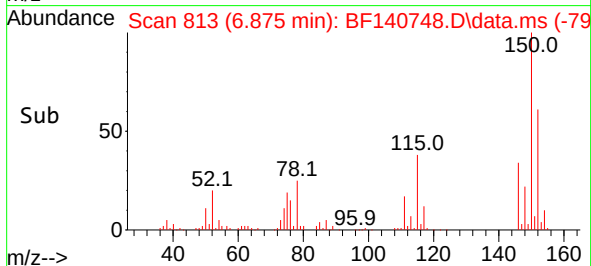
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Ion Ratio Lower Upper
152 100
150 164.9 128.5 192.7
115 62.4 50.2 75.4

Manual Integrations

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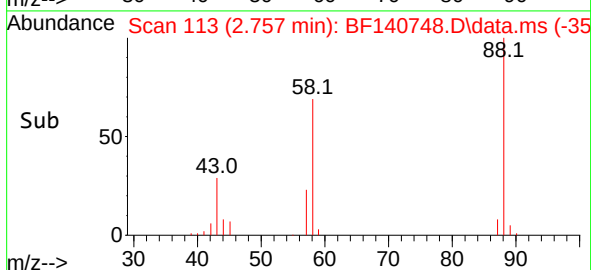
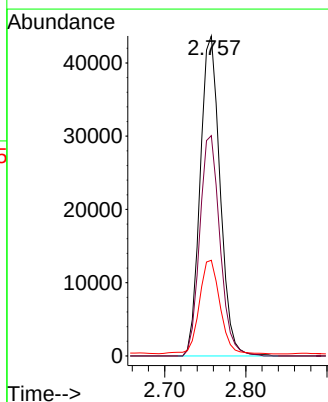
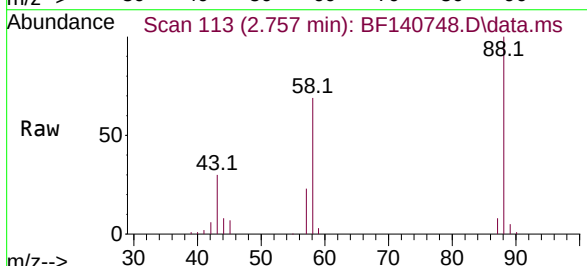
Reviewed By :Yogesh Patel 12/07/2024

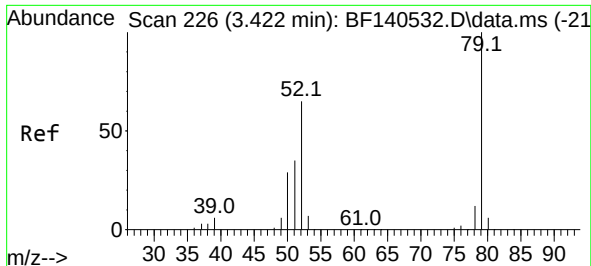
Supervised By :mohammad ahmed 12/07/2024



#2
1,4-Dioxane
Concen: 42.666 ng
RT: 2.757 min Scan# 113
Delta R.T. 0.106 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion: 88 Resp: 74182
Ion Ratio Lower Upper
88 100
58 70.0 57.4 86.2
43 30.9 24.3 36.5





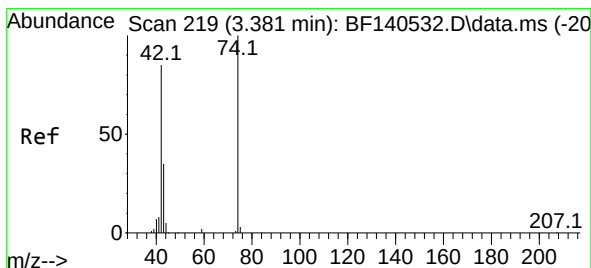
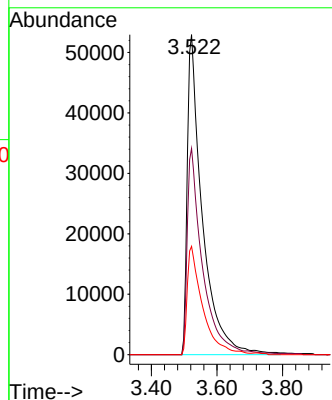
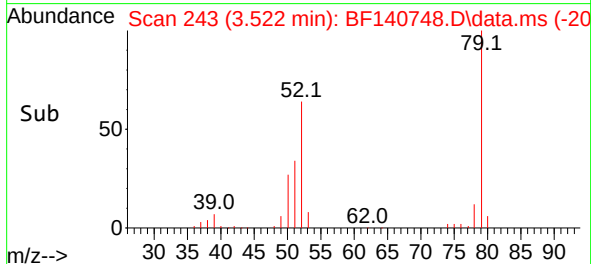
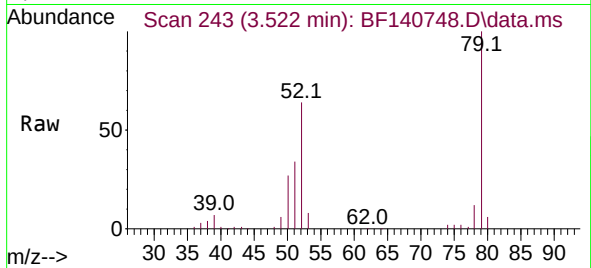
#3
Pyridine
Concen: 43.921 ng
RT: 3.522 min Scan# 243
Delta R.T. 0.100 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :
BNA_F
ClientSampleId :
PB165383BS

Tgt Ion: 79 Resp: 16802
Ion Ratio Lower Upper
79 100
52 64.5 52.1 78.1
51 33.8 27.8 41.8

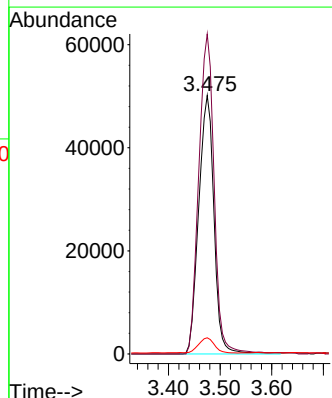
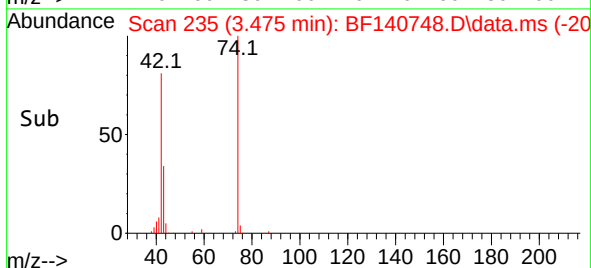
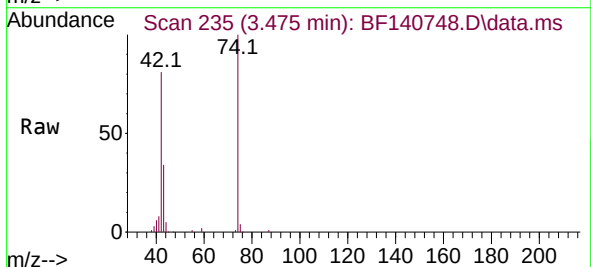
Manual Integrations
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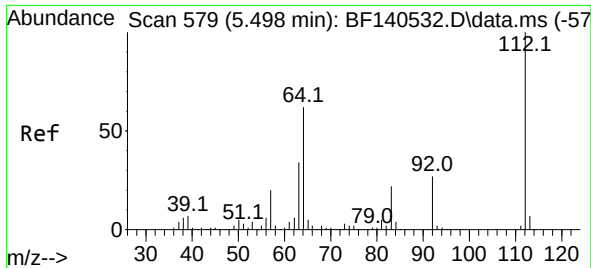
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#4
n-Nitrosodimethylamine
Concen: 45.768 ng
RT: 3.475 min Scan# 235
Delta R.T. 0.094 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion: 42 Resp: 102903
Ion Ratio Lower Upper
42 100
74 123.8 93.8 140.6
44 6.3 4.6 6.8





#5
2-Fluorophenol
Concen: 150.724 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

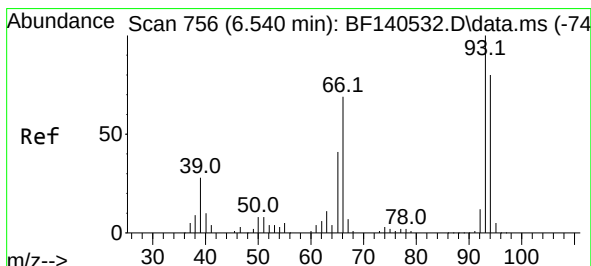
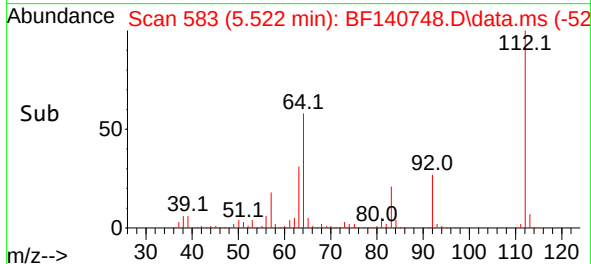
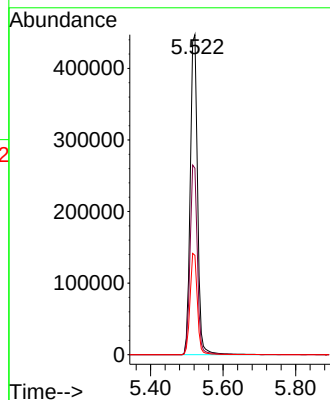
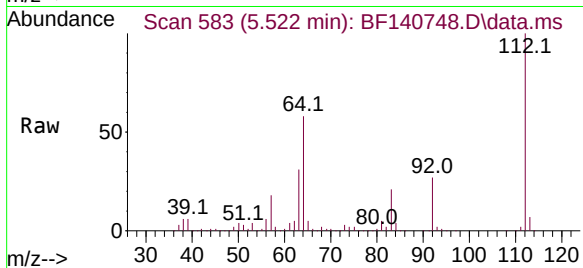
PB165383BS

Tgt Ion:112 Resp: 623289
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.0 27.0 40.4

Manual Integrations

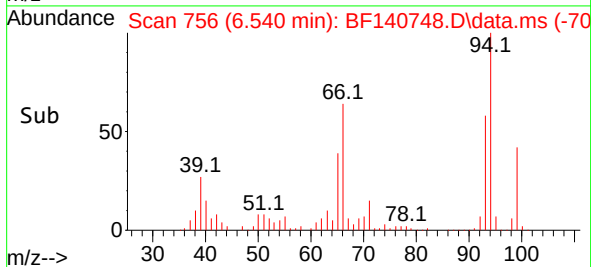
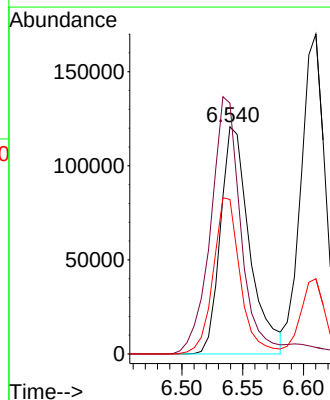
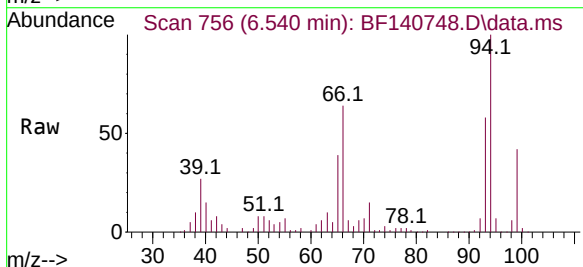
APPROVED

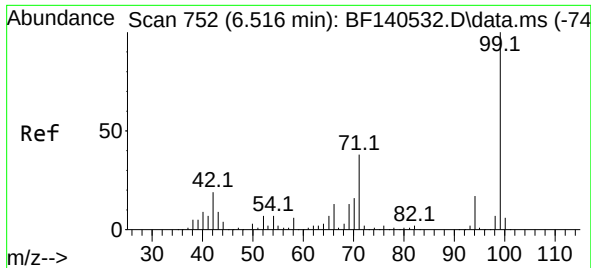
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#6
Aniline
Concen: 52.123 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion: 93 Resp: 200568
Ion Ratio Lower Upper
93 100
66 110.4 56.5 84.7#
65 68.1 32.9 49.3#





#7

Phenol-d6

Concen: 149.729 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

Tgt Ion: 99 Resp: 81856

Ion Ratio Lower Upper

99 100

42 18.3 15.4 23.0

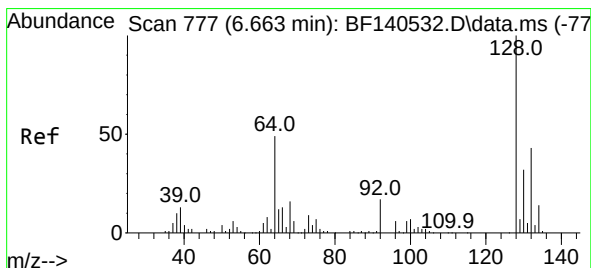
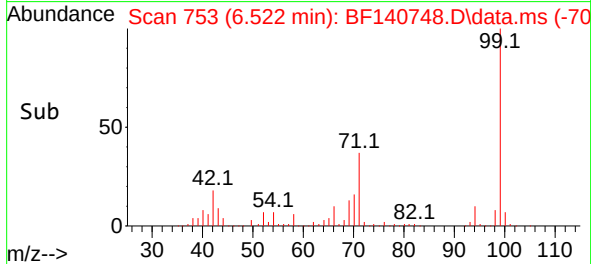
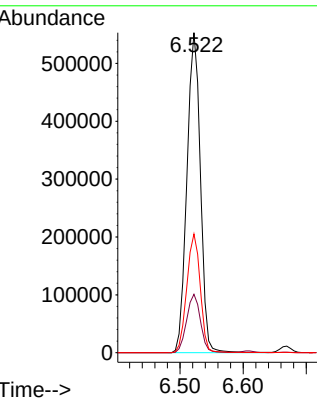
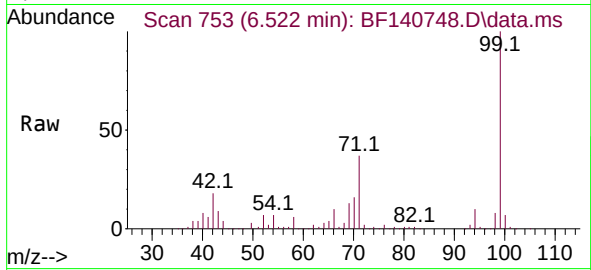
71 37.1 30.6 46.0

Manual Integrations

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Supervised By :mohammad ahmed 12/07/2024



#8

2-Chlorophenol

Concen: 53.123 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

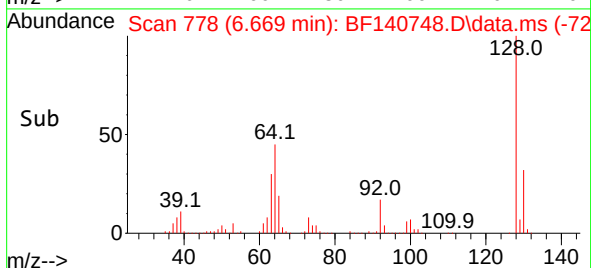
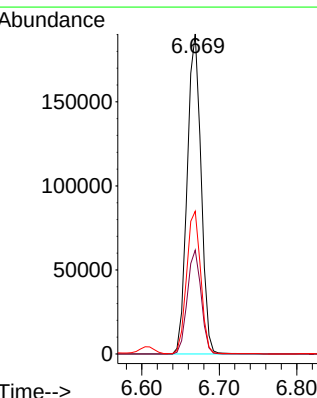
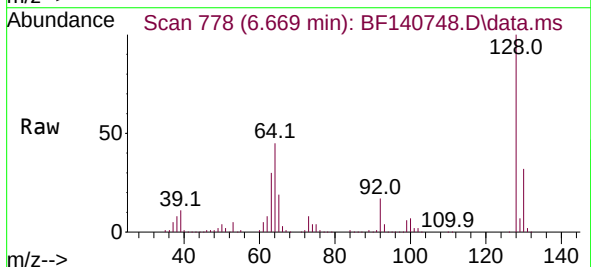
Tgt Ion:128 Resp: 236344

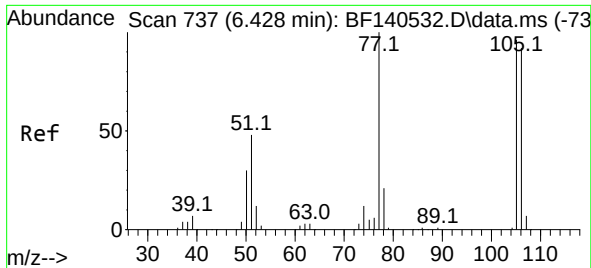
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 44.6 30.2 70.2





#9

Benzaldehyde

Concen: 23.617 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140748.D

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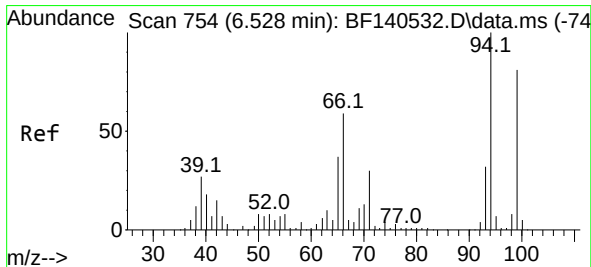
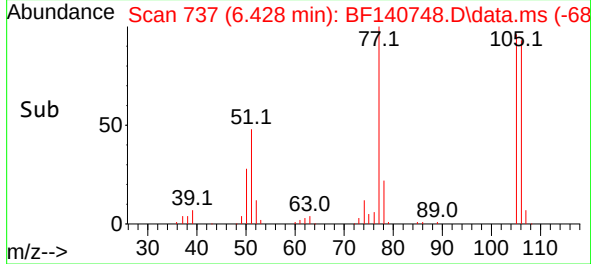
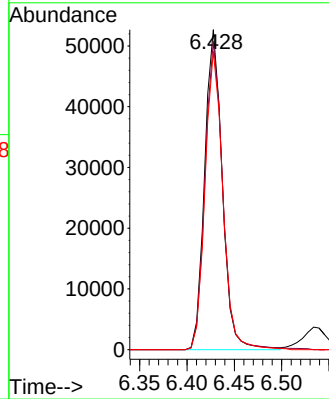
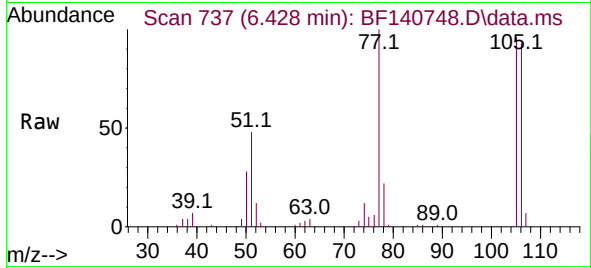
Tgt Ion: 77	Resp: 6835
Ion Ratio	Lower Upper
77 100	
105 96.3	75.6 115.6
106 93.2	72.0 112.0

Manual Integrations

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Supervised By :mohammad ahmed 12/07/2024



#10

Phenol

Concen: 53.214 ng

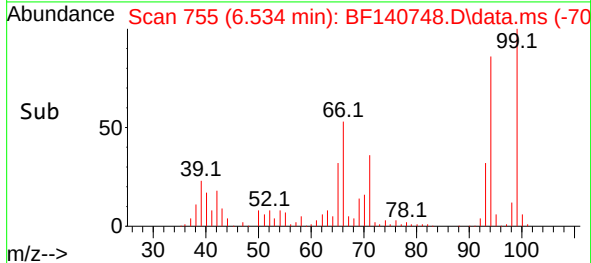
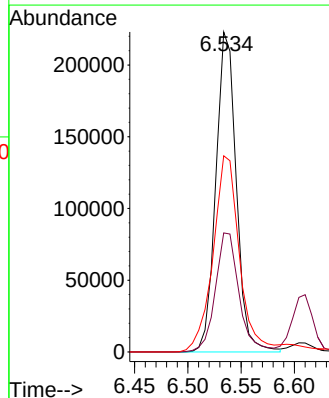
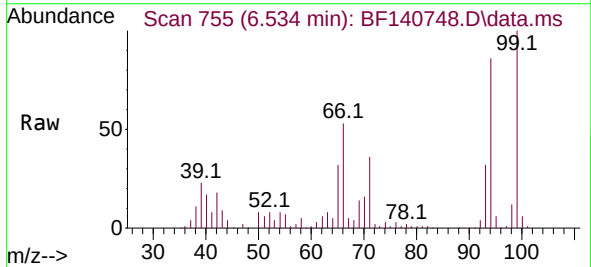
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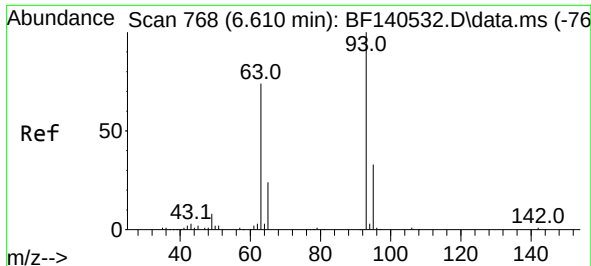
Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Tgt Ion: 94	Resp: 297103
Ion Ratio	Lower Upper
94 100	
65 37.2	17.2 57.2
66 61.3	39.2 79.2





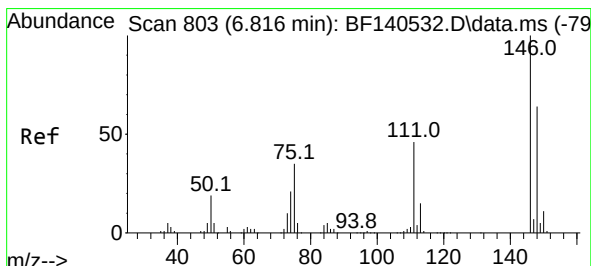
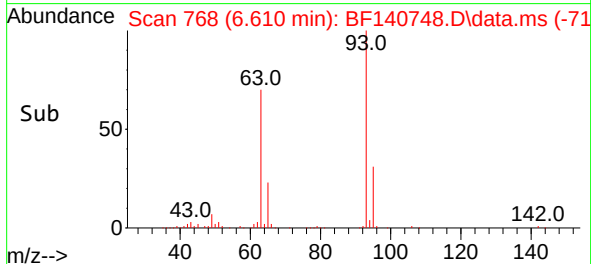
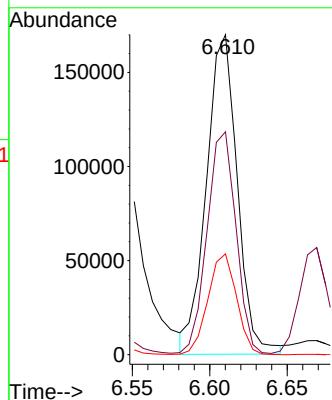
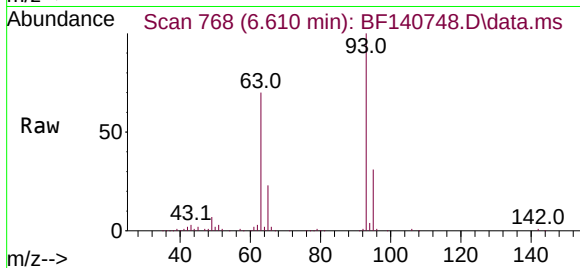
#11
bis(2-Chloroethyl)ether
Concen: 55.252 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :
BNA_F
ClientSampleId :
PB165383BS

Tgt Ion: 93 Resp: 23605
Ion Ratio Lower Upper
93 100
63 69.7 52.8 92.8
95 31.5 12.3 52.3

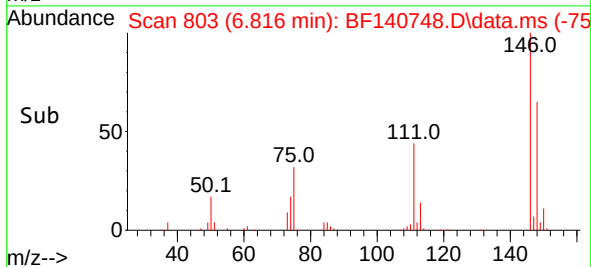
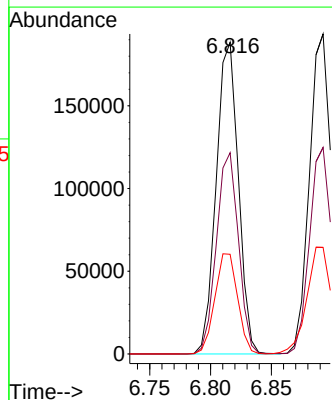
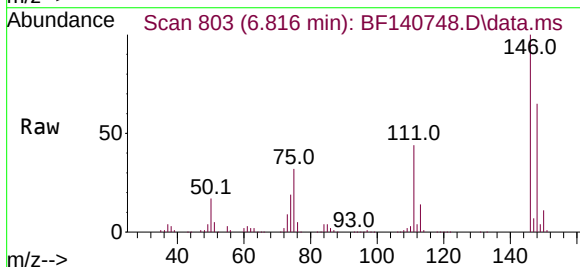
Manual Integrations
APPROVED

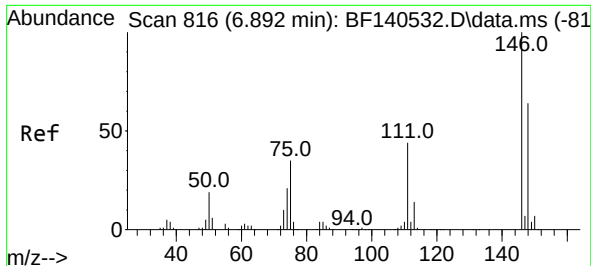
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#12
1,3-Dichlorobenzene
Concen: 47.723 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:146 Resp: 238571
Ion Ratio Lower Upper
146 100
148 64.6 51.3 76.9
75 32.0 28.2 42.2





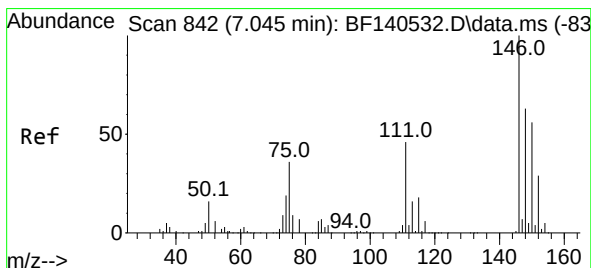
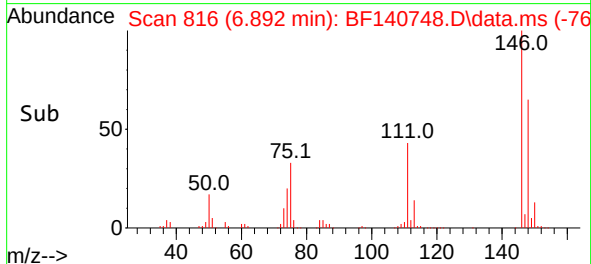
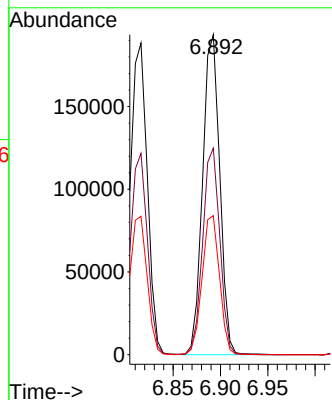
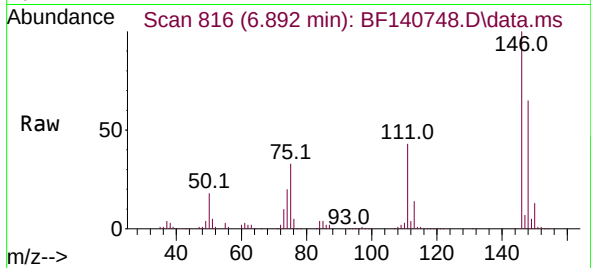
#13
1,4-Dichlorobenzene
Concen: 48.232 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :
BNA_F
ClientSampleId :
PB165383BS

Tgt Ion:146 Resp: 24413
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 43.5 35.3 52.9

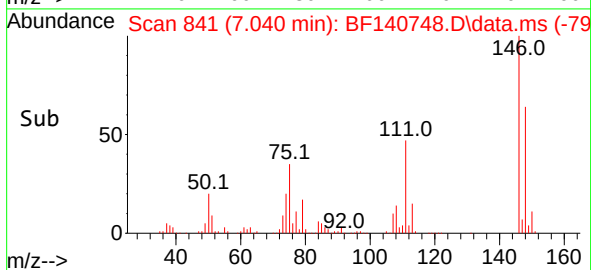
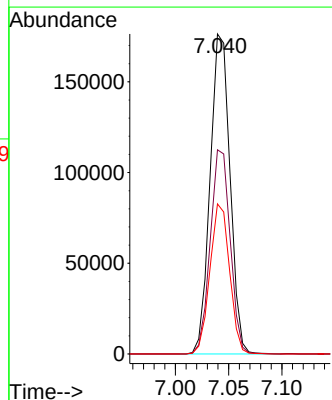
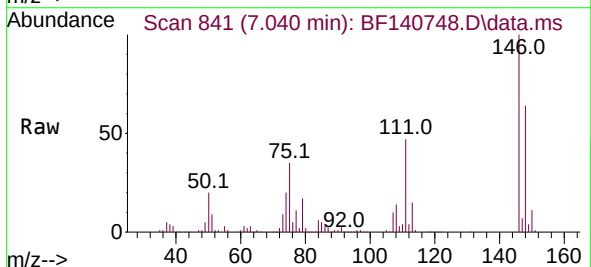
Manual Integrations
APPROVED

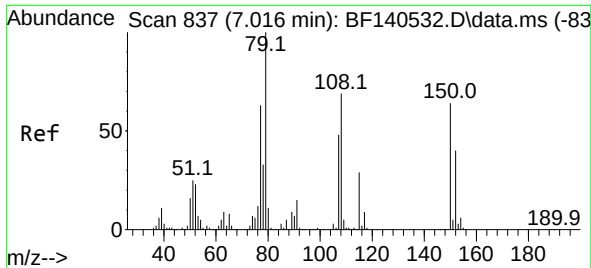
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#14
1,2-Dichlorobenzene
Concen: 48.404 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

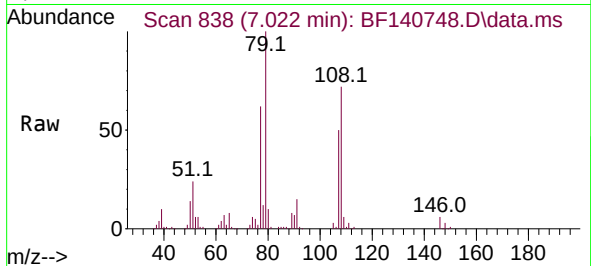
Tgt Ion:146 Resp: 229582
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 46.9 36.7 55.1





#15
Benzyl Alcohol
Concen: 52.352 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

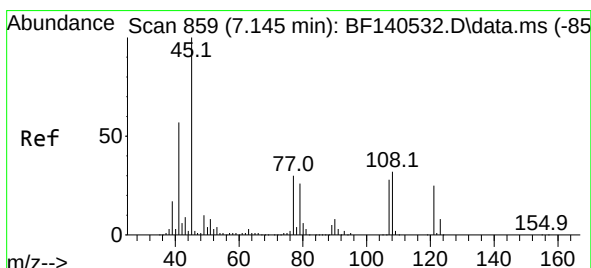
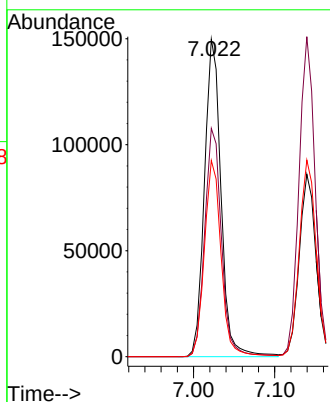
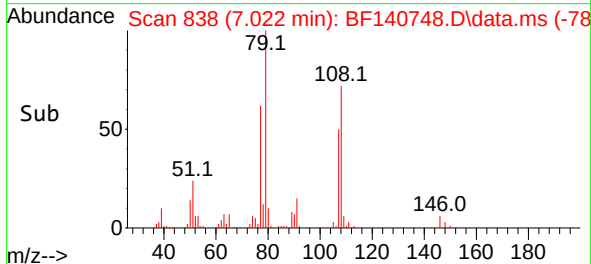
Instrument :
BNA_F
ClientSampleId :
PB165383BS



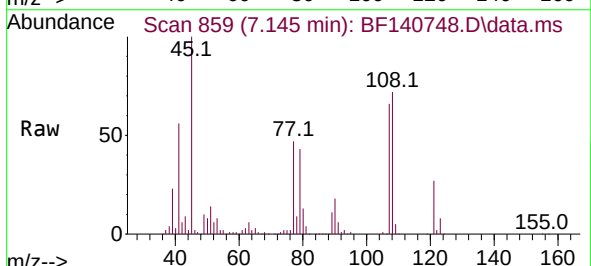
Tgt Ion: 79 Resp: 21225
Ion Ratio Lower Upper
79 100
108 71.9 55.0 82.6
77 61.8 50.1 75.1

Manual Integrations
APPROVED

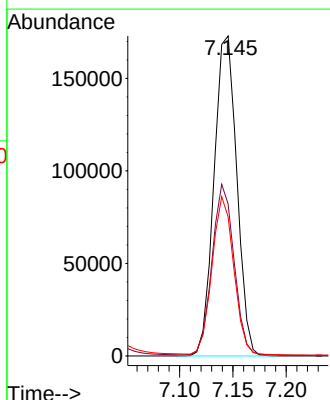
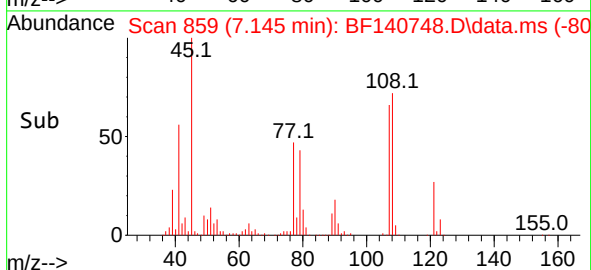
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

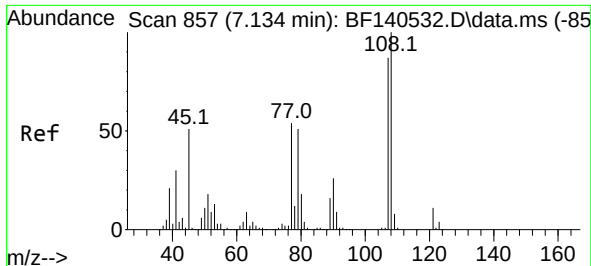


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.836 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion: 45 Resp: 256587
Ion Ratio Lower Upper
45 100
77 47.5 10.7 50.7
79 43.5 7.0 47.0





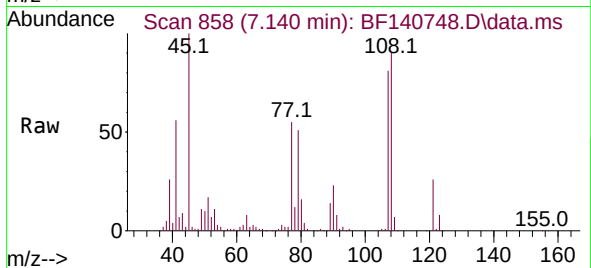
#17
2-Methylphenol
Concen: 52.561 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

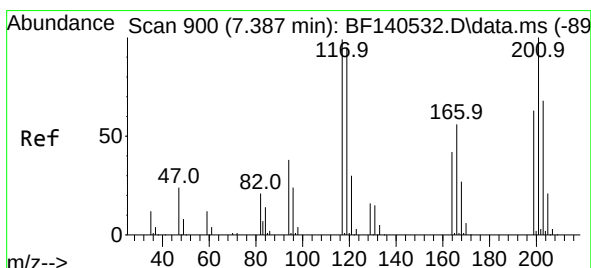
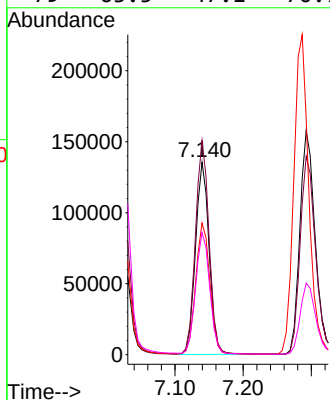
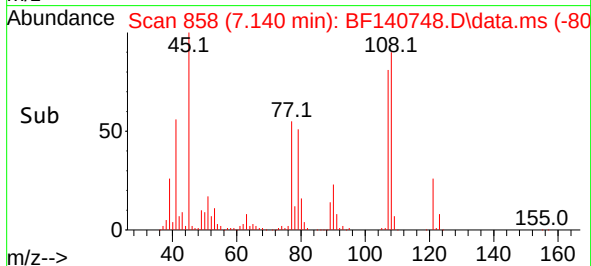


Tgt Ion:107 Resp: 18718
Ion Ratio Lower Upper
107 100
108 111.3 91.7 137.5
77 68.4 49.3 73.9
79 63.5 47.1 70.7

Manual Integrations

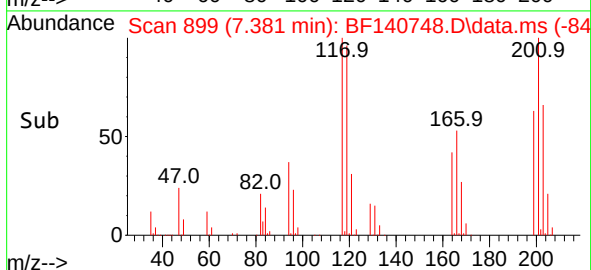
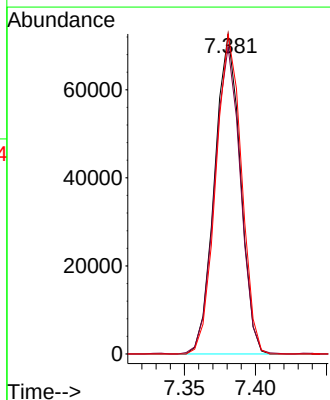
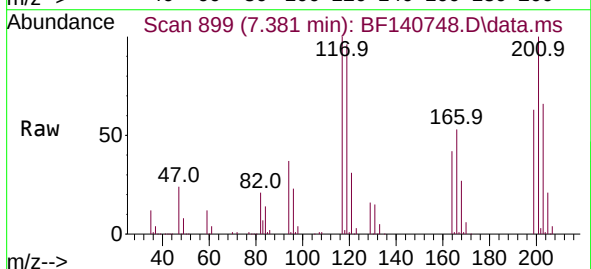
APPROVED

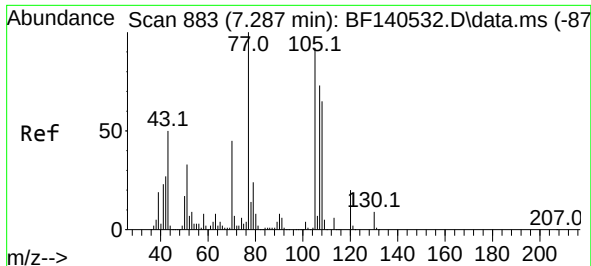
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#18
Hexachloroethane
Concen: 48.193 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:117 Resp: 91109
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7
201 100.1 81.1 121.7





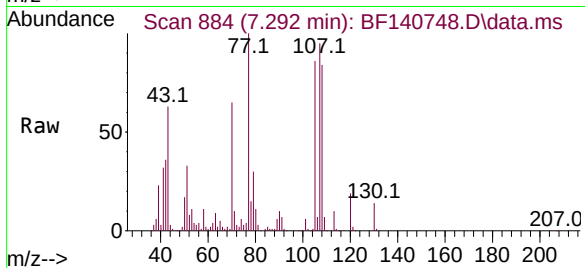
#19
n-Nitroso-di-n-propylamine
Concen: 51.521 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

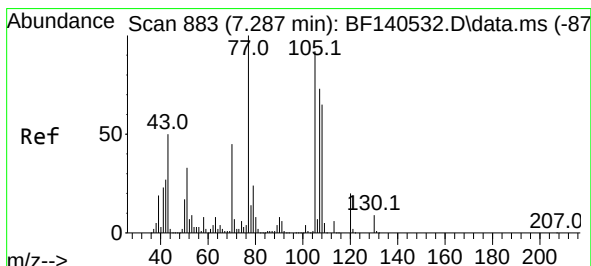
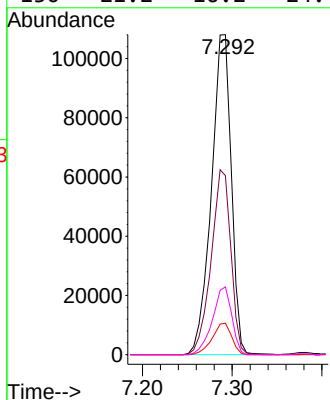
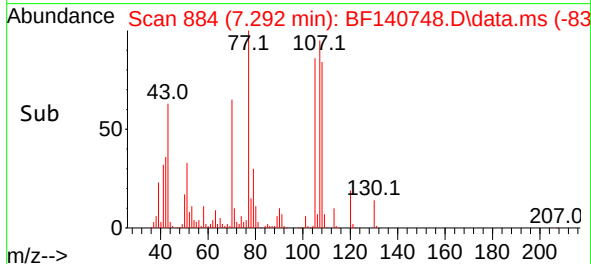
PB165383BS



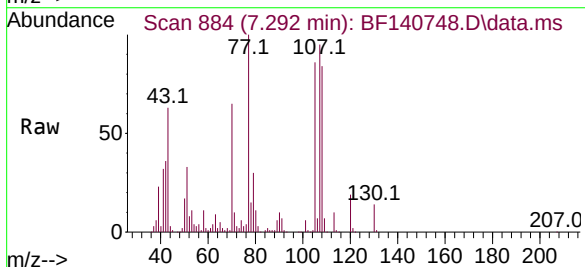
Tgt Ion: 70 Resp: 16646
Ion Ratio Lower Upper
70 100
42 55.9 47.6 71.4
101 9.8 7.6 11.4
130 21.2 16.2 24.4

Manual Integrations
APPROVED

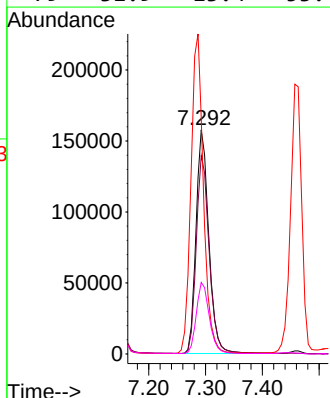
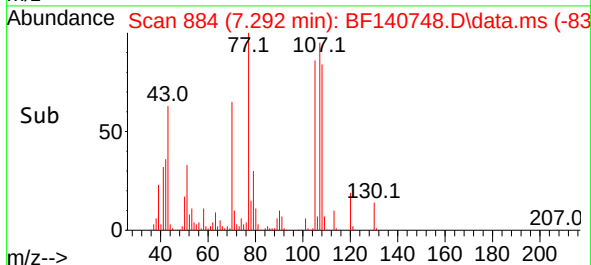
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

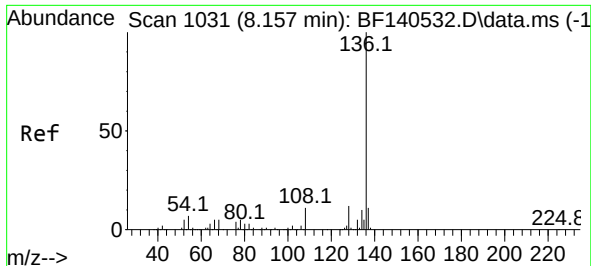


#20
3+4-Methylphenols
Concen: 54.045 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion:107 Resp: 247396
Ion Ratio Lower Upper
107 100
108 88.5 69.9 109.9
77 105.1 117.7 157.7#
79 31.9 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: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

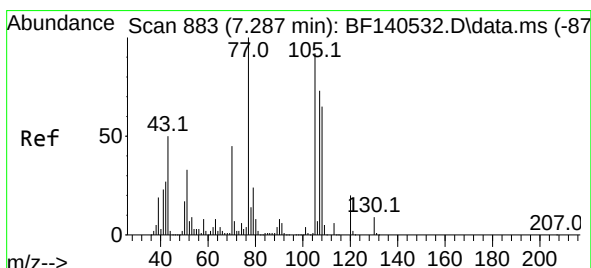
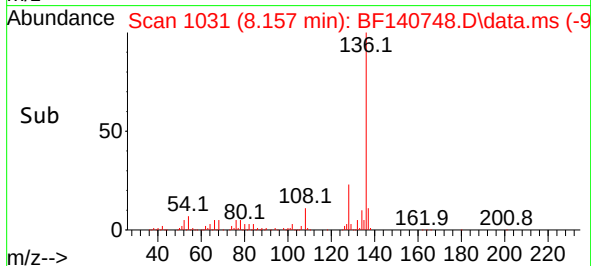
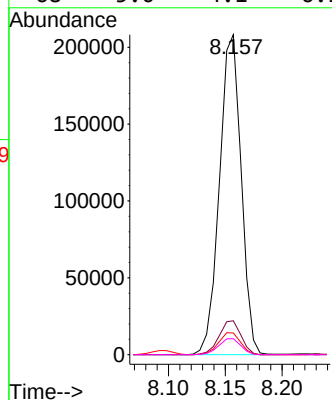
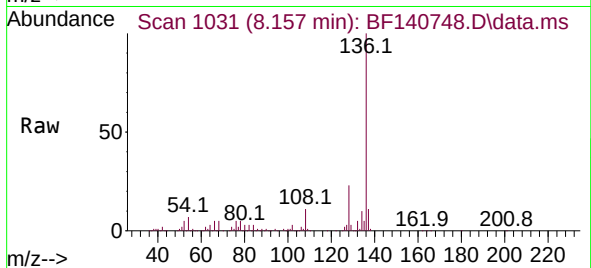
PB165383BS

Tgt Ion:136 Resp: 276888
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 5.8 8.8
68 5.0 4.1 6.1

Manual Integrations

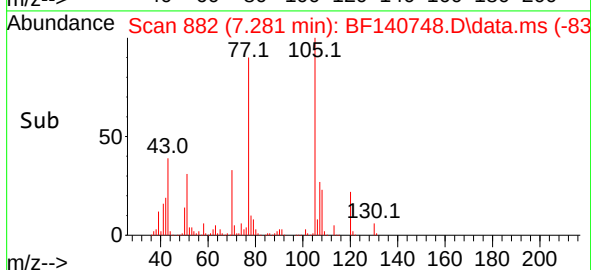
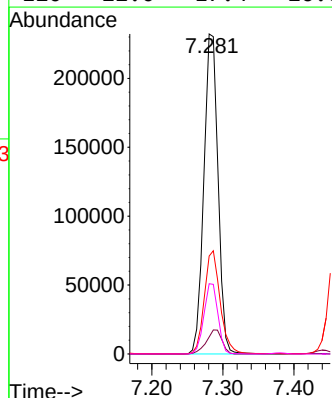
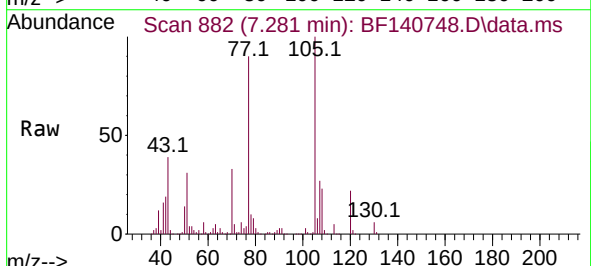
APPROVED

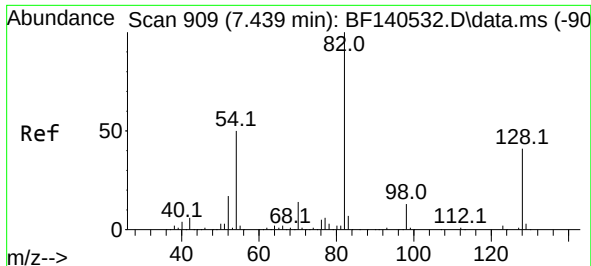
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#22
Acetophenone
Concen: 47.926 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:105 Resp: 323522
Ion Ratio Lower Upper
105 100
71 5.3 6.2 9.2#
51 30.6 29.0 43.6
120 22.0 17.4 26.0





#23
Nitrobenzene-d5
Concen: 96.648 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

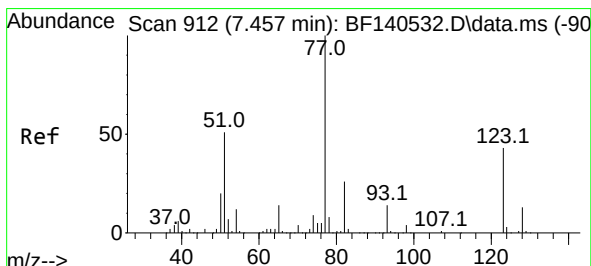
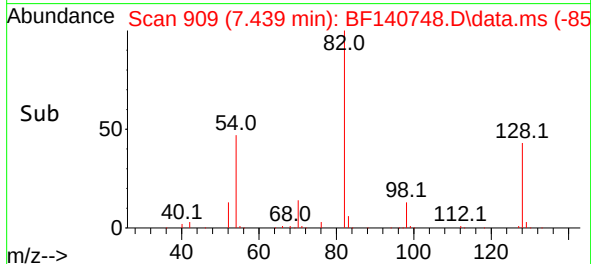
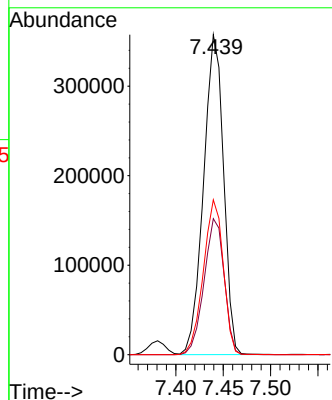
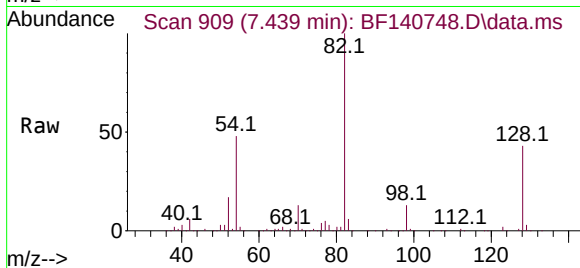
PB165383BS

Tgt Ion: 82 Resp: 52317
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.4
54 48.4 39.5 59.3

Manual Integrations

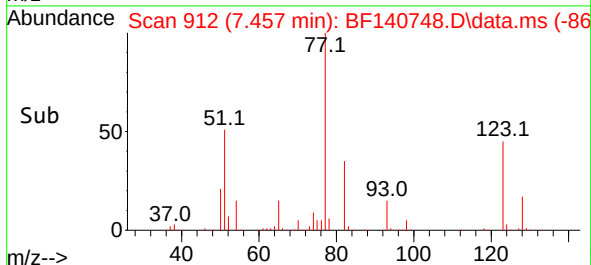
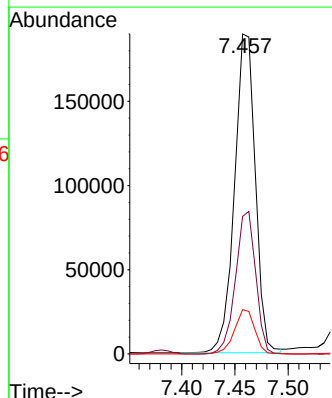
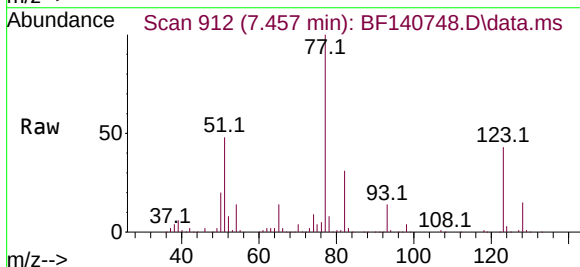
APPROVED

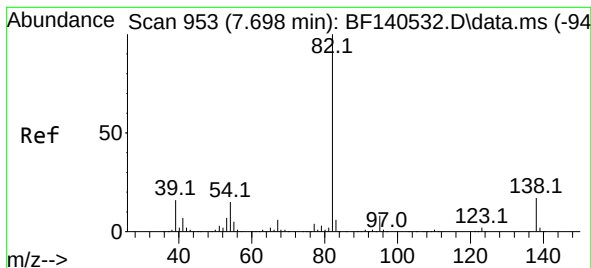
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#24
Nitrobenzene
Concen: 46.090 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion: 77 Resp: 257859
Ion Ratio Lower Upper
77 100
123 43.0 34.3 51.5
65 13.9 11.2 16.8





#25

Isophorone

Concen: 49.824 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

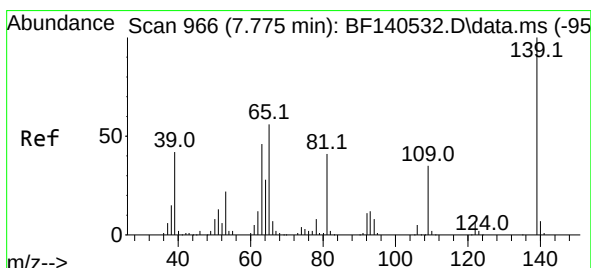
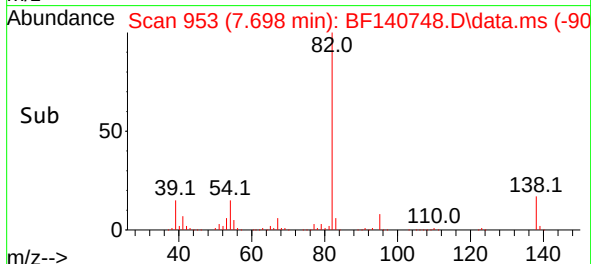
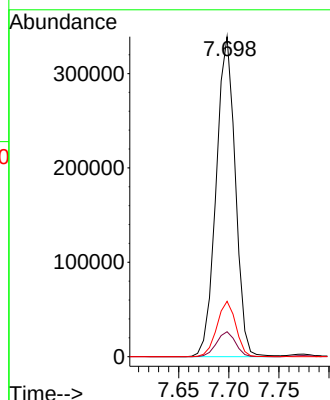
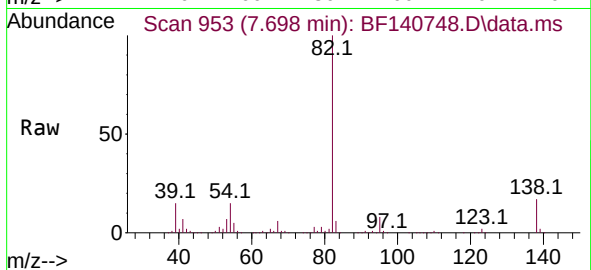
PB165383BS

Tgt Ion: 82 Resp: 449849
 Ion Ratio Lower Upper
 82 100
 95 7.8 6.4 9.6
 138 17.3 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: 50.886 ng

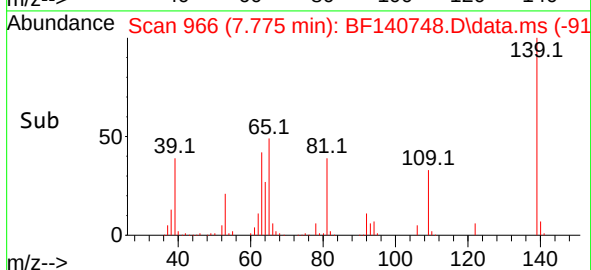
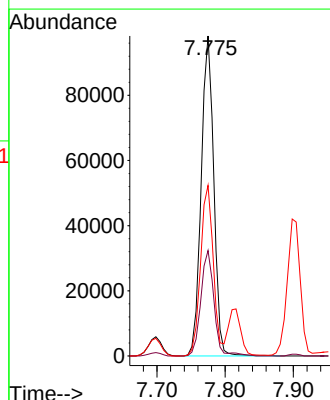
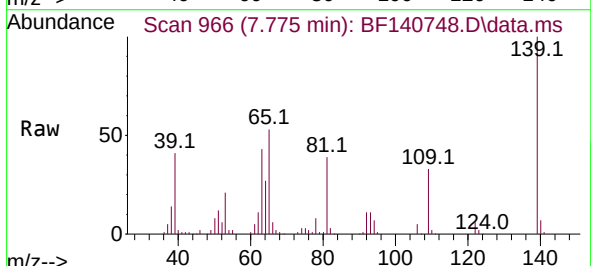
RT: 7.775 min Scan# 966

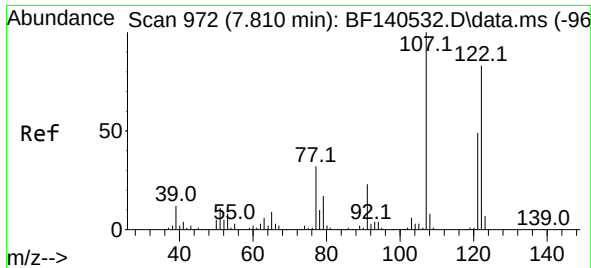
Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Tgt Ion:139 Resp: 126163
 Ion Ratio Lower Upper
 139 100
 109 32.9 28.0 42.0
 65 53.3 44.6 67.0





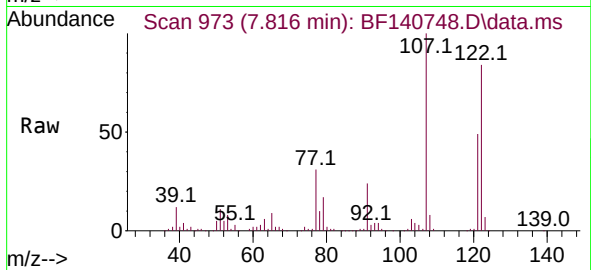
#27
2,4-Dimethylphenol
Concen: 64.909 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

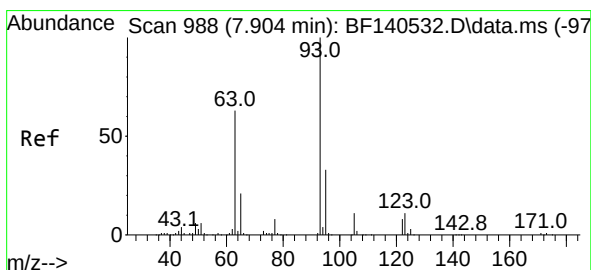
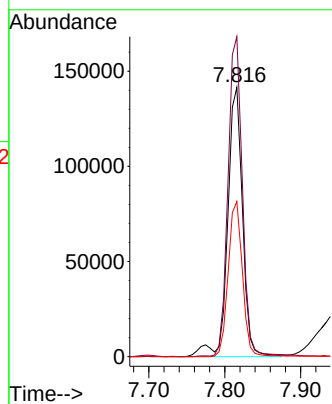
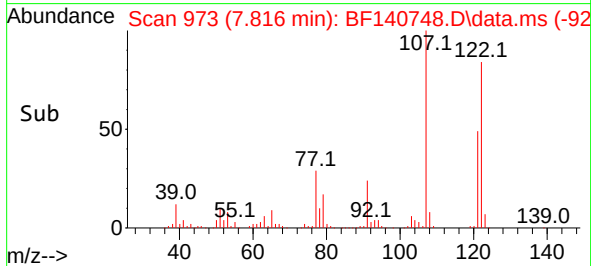


Tgt Ion:122 Resp: 192550
Ion Ratio Lower Upper
122 100
107 118.8 96.8 145.2
121 57.6 47.4 71.0

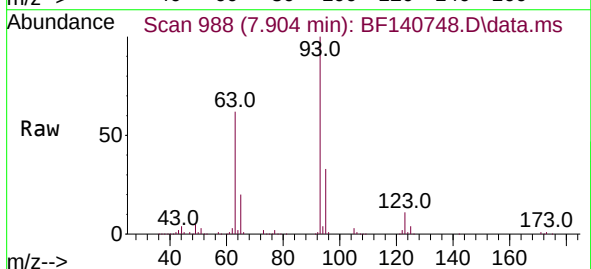
Manual Integrations

APPROVED

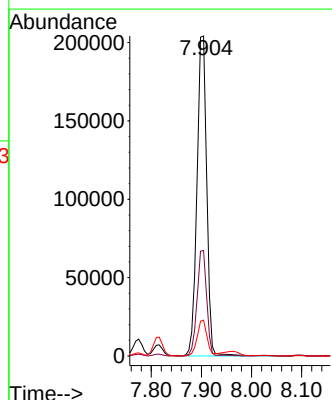
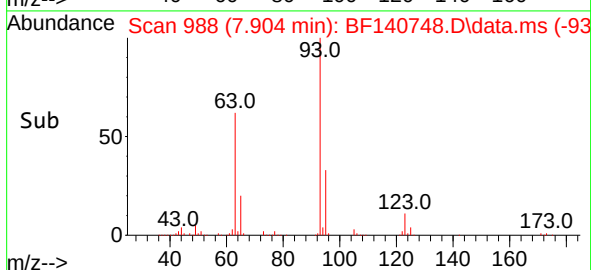
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

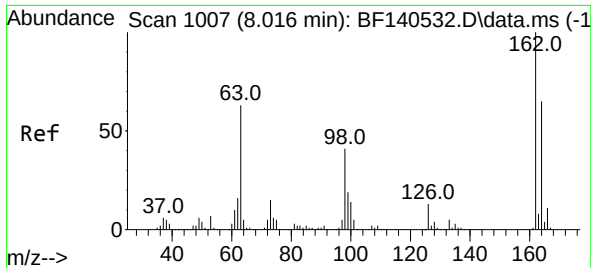


#28
bis(2-Chloroethoxy)methane
Concen: 50.118 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion: 93 Resp: 275670
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.2 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 53.048 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

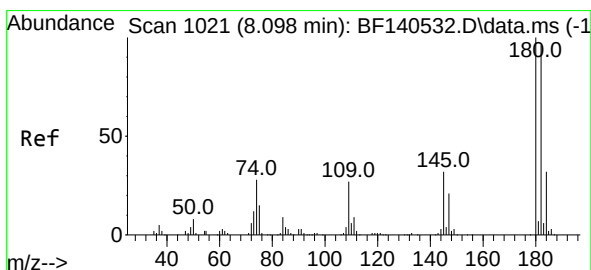
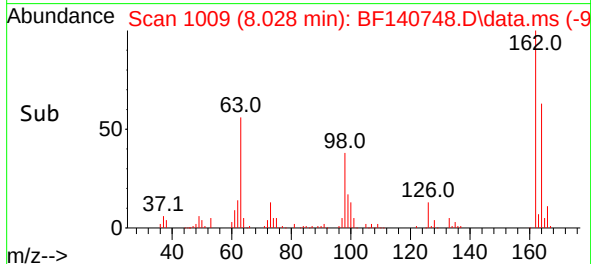
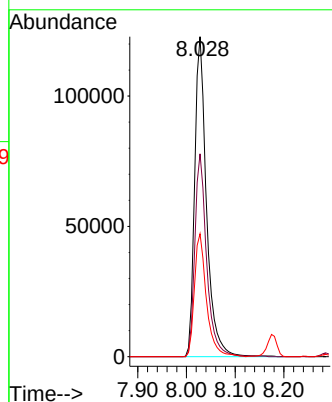
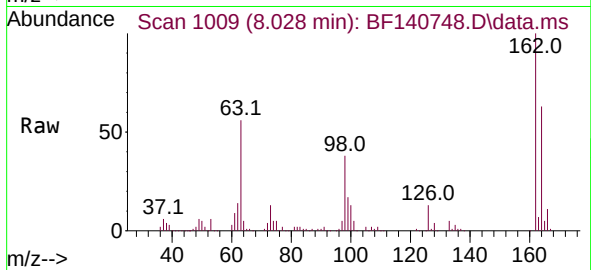
PB165383BS

Tgt Ion:162 Resp: 20852
Ion Ratio Lower Upper
162 100
164 63.4 44.8 84.8
98 38.4 21.2 61.2

Manual Integrations

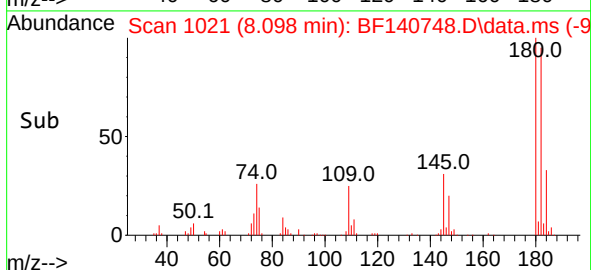
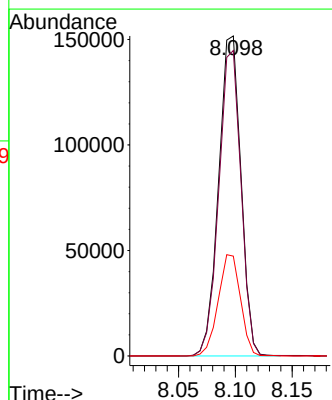
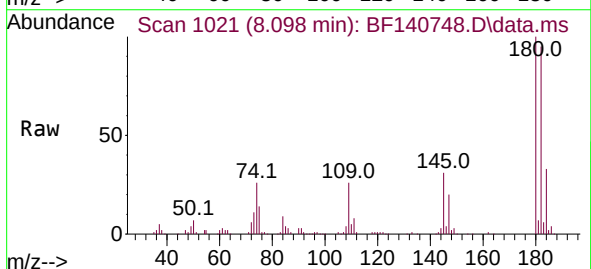
APPROVED

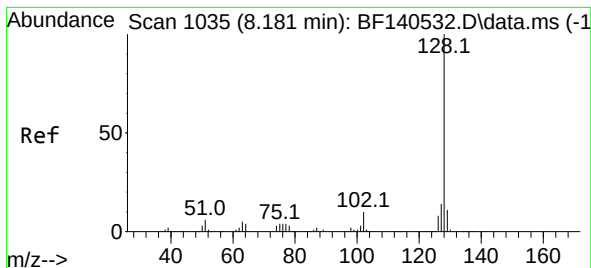
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.202 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:180 Resp: 207358
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 31.2 25.9 38.9





#31

Naphthalene

Concen: 47.970 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

Tgt Ion:128 Resp: 68416

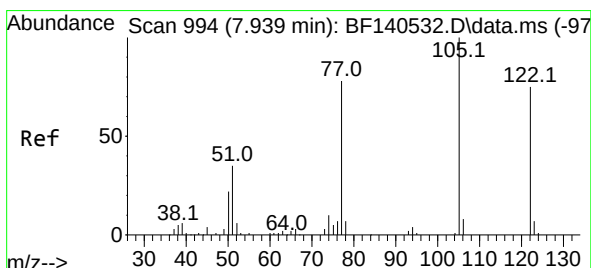
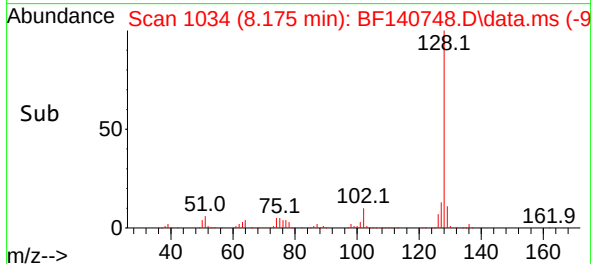
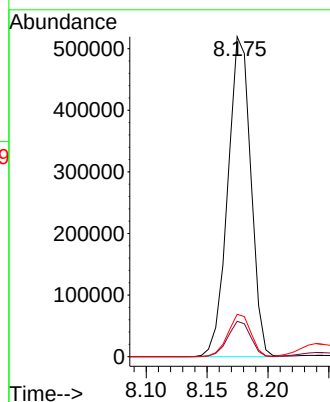
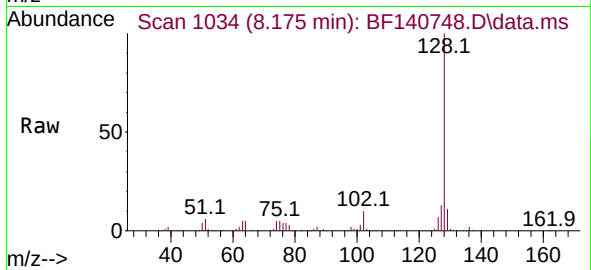
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#32

Benzoic acid

Concen: 40.966 ng

RT: 7.963 min Scan# 998

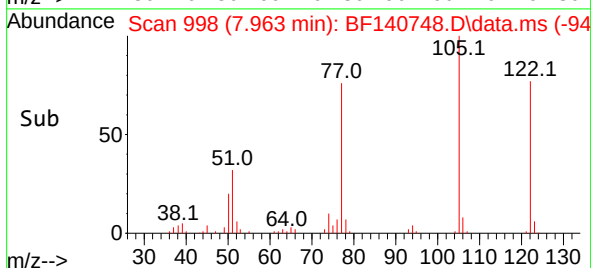
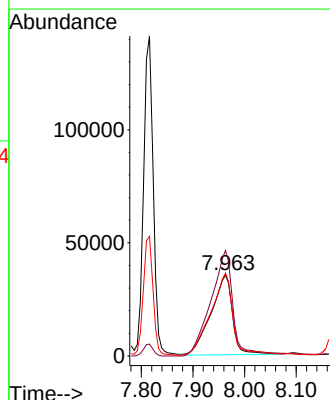
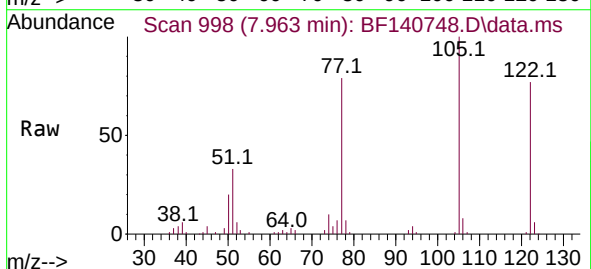
Delta R.T. 0.024 min

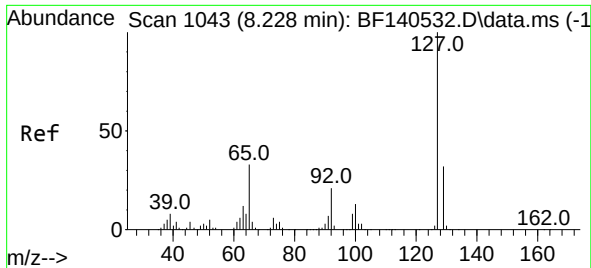
Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Tgt Ion:122 Resp: 102554

Ion	Ratio	Lower	Upper
122	100		
105	130.6	109.3	149.3
77	102.5	82.3	122.3





#33
4-Chloroaniline
Concen: 21.571 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

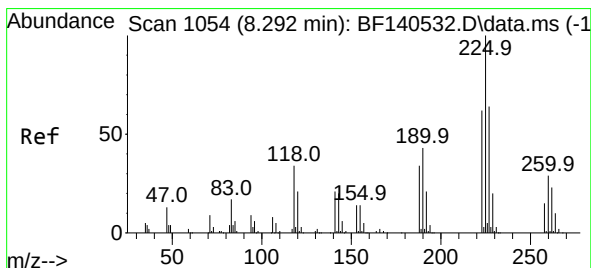
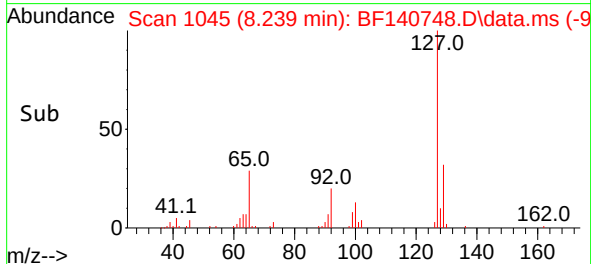
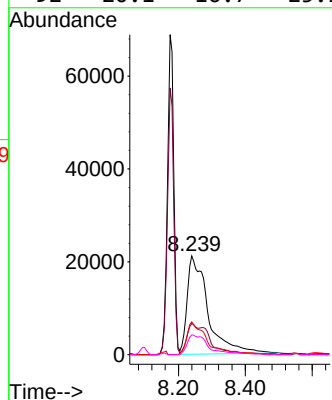
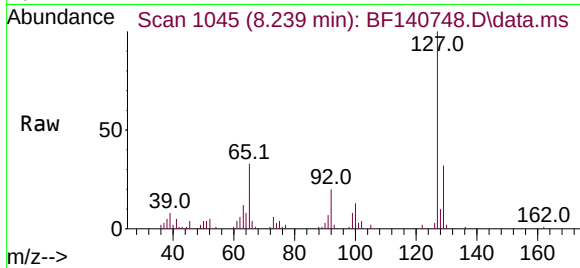
PB165383BS

Tgt Ion:127	Resp: 9211
Ion Ratio	Lower Upper
127 100	
129 31.6	26.0 39.0
65 33.2	26.0 39.0
92 20.1	16.7 25.1

Manual Integrations

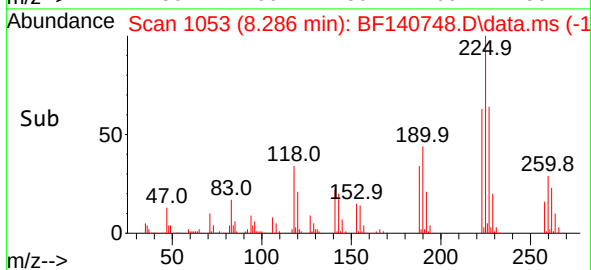
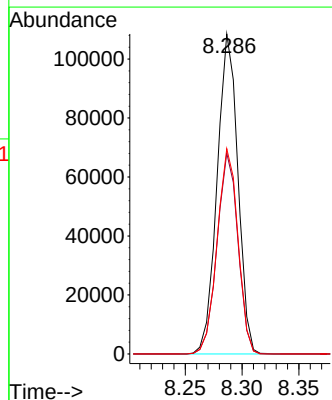
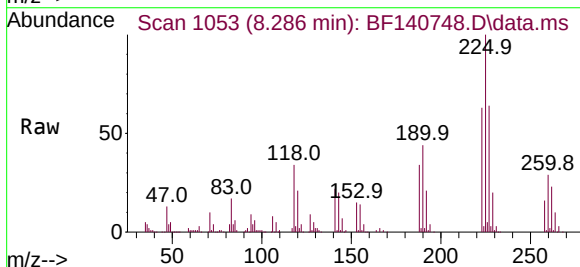
APPROVED

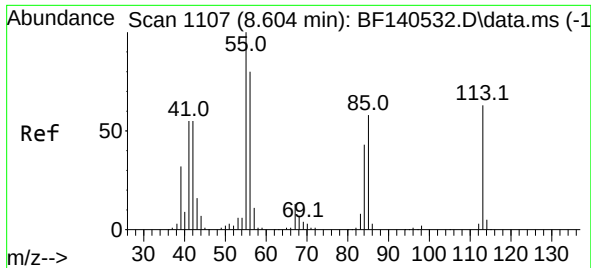
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#34
Hexachlorobutadiene
Concen: 46.362 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:225	Resp: 137822
Ion Ratio	Lower Upper
225 100	
223 62.7	49.8 74.8
227 64.2	51.3 76.9





#35
Caprolactam
Concen: 51.507 ng m
RT: 8.610 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

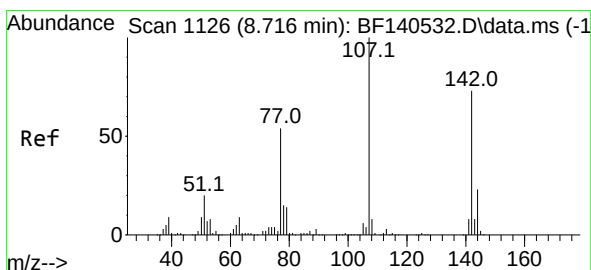
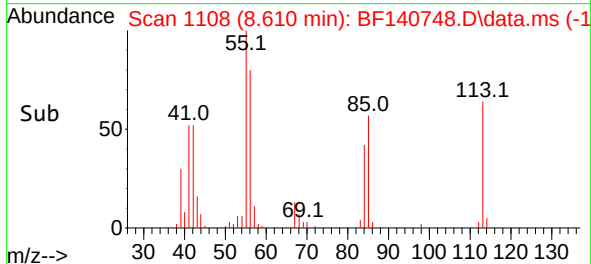
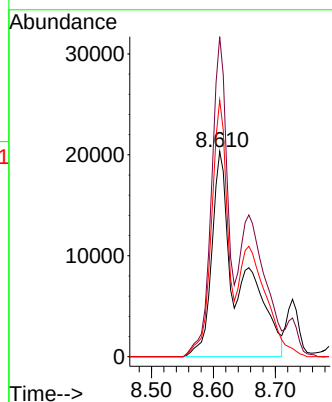
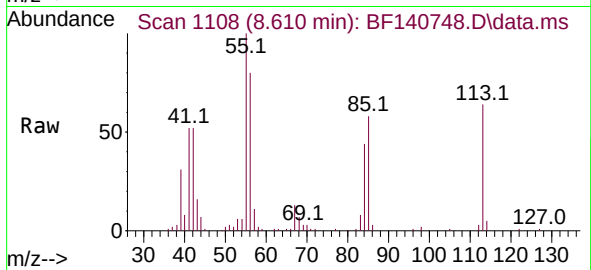
PB165383BS

Tgt Ion:113 Resp: 62650
Ion Ratio Lower Upper
113 100
55 155.9 137.7 177.7
56 125.0 106.4 146.4

Manual Integrations

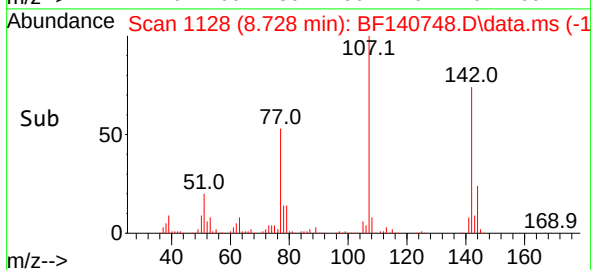
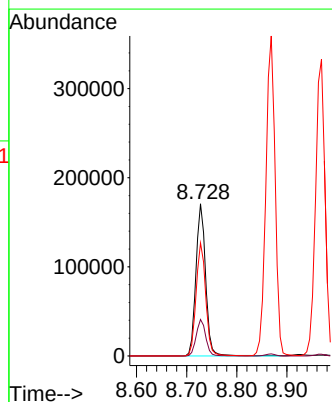
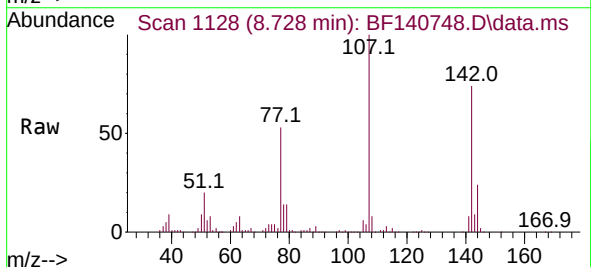
APPROVED

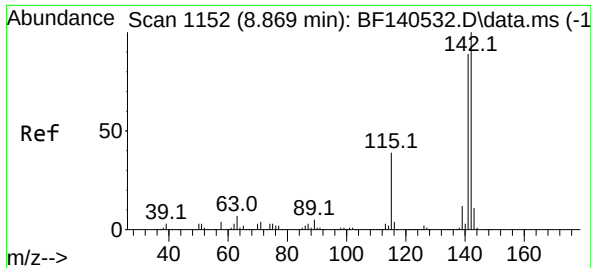
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#36
4-Chloro-3-methylphenol
Concen: 52.127 ng
RT: 8.728 min Scan# 1128
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:107 Resp: 229415
Ion Ratio Lower Upper
107 100
144 23.9 18.7 28.1
142 74.2 58.3 87.5





#37
2-Methylnaphthalene
Concen: 50.934 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

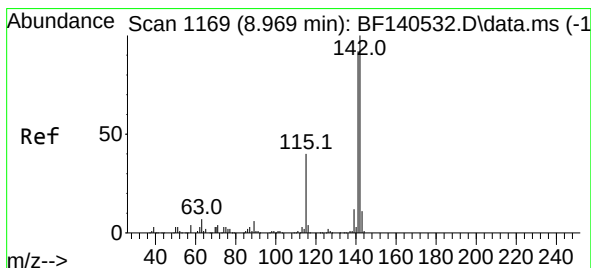
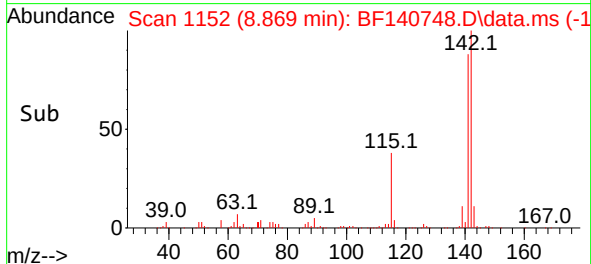
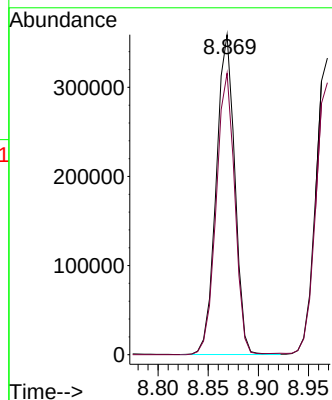
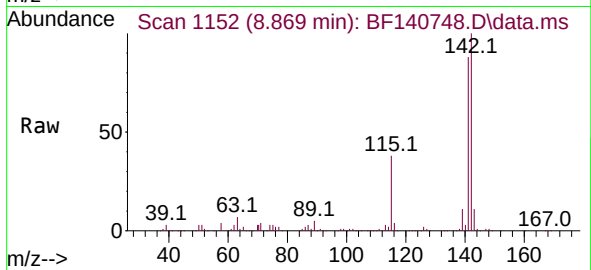
ClientSampleId :

PB165383BS

Tgt Ion:142 Resp: 46139
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6

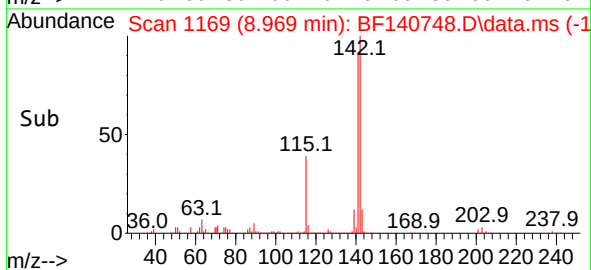
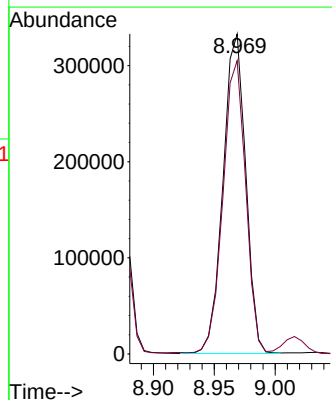
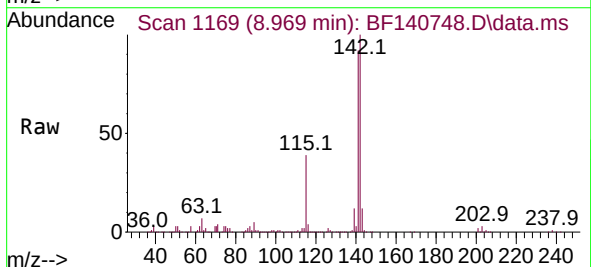
Manual Integrations
APPROVED

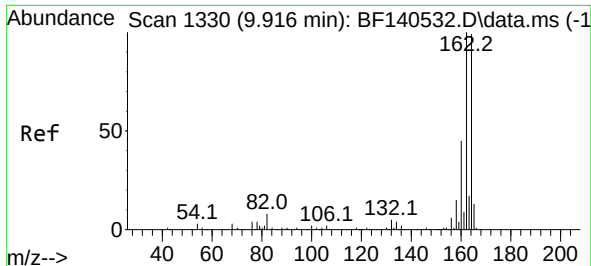
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#38
1-Methylnaphthalene
Concen: 48.550 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:142 Resp: 431097
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

Tgt Ion:164 Resp: 16103

Ion Ratio Lower Upper

164 100

162 102.8 80.6 120.8

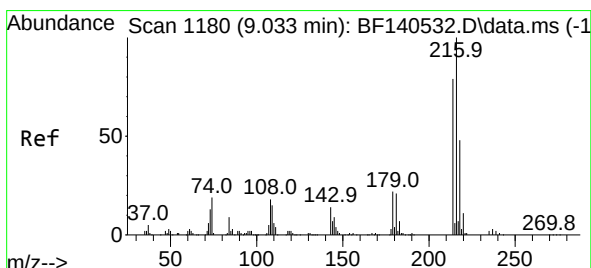
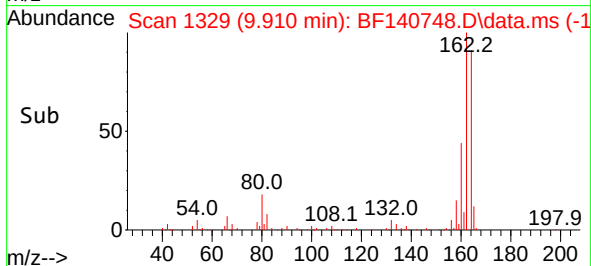
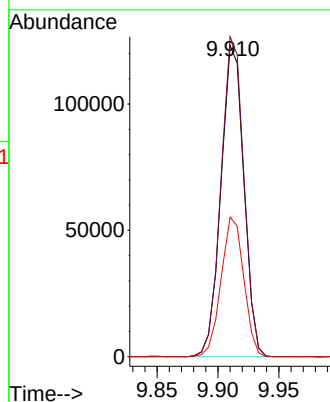
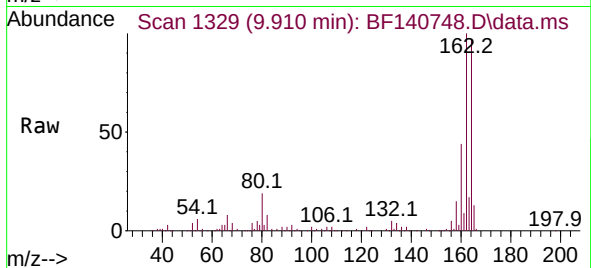
160 44.8 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.529 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Tgt Ion:216 Resp: 228778

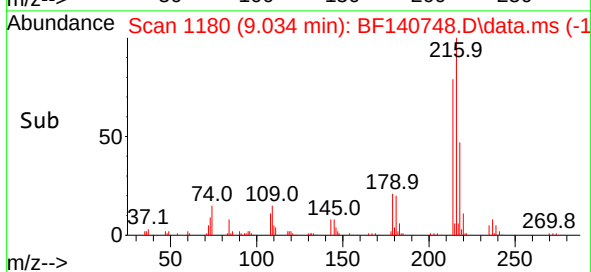
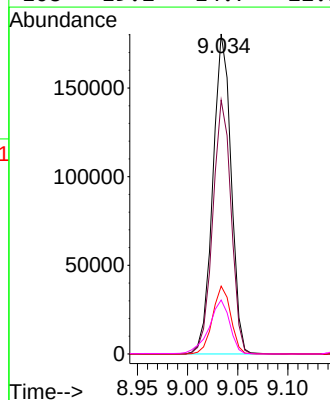
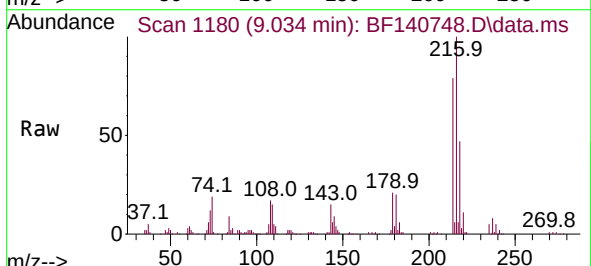
Ion Ratio Lower Upper

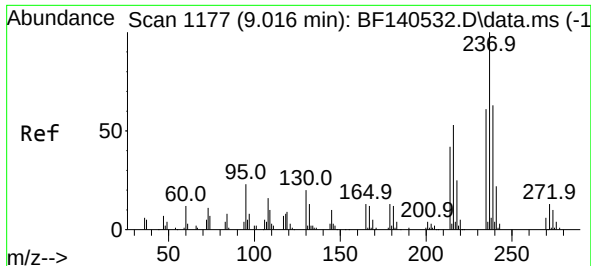
216 100

214 79.4 63.0 94.4

179 21.0 17.5 26.3

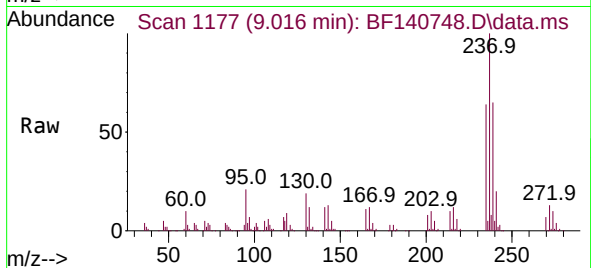
108 19.2 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 160.805 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

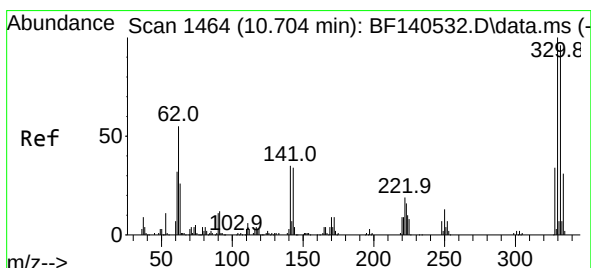
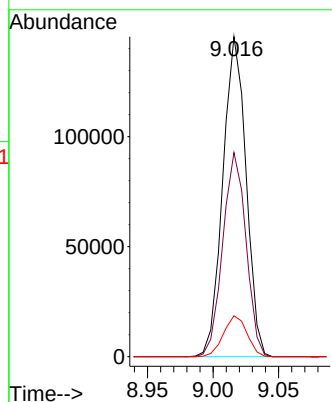
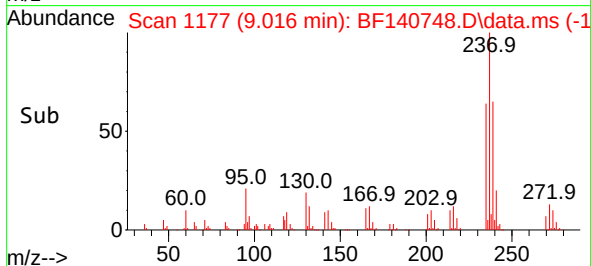
Instrument :
BNA_F
ClientSampleId :
PB165383BS



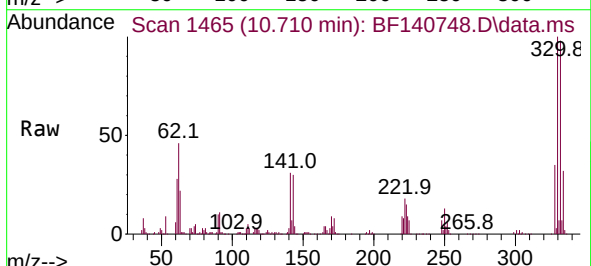
Tgt Ion:237 Resp: 178985
Ion Ratio Lower Upper
237 100
235 63.8 41.1 81.1
272 12.8 0.0 32.6

Manual Integrations
APPROVED

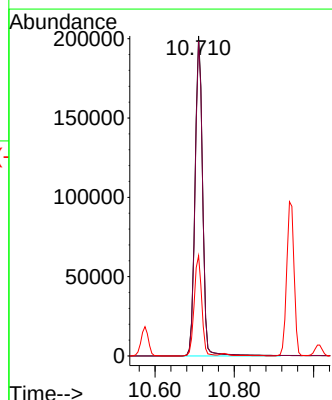
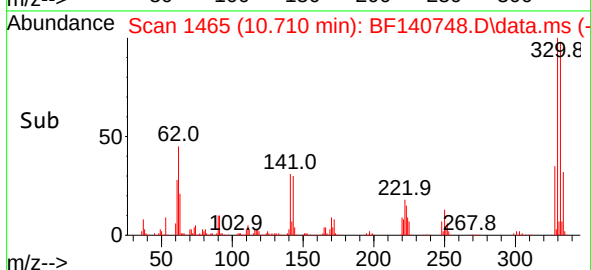
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

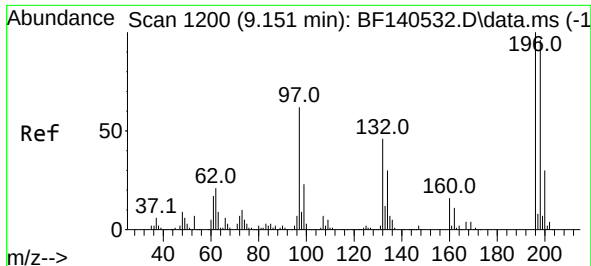


#42
2,4,6-Tribromophenol
Concen: 155.690 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



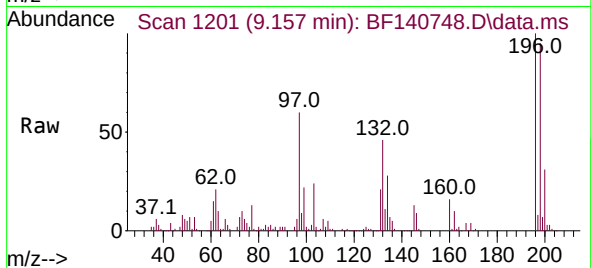
Tgt Ion:330 Resp: 268137
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 31.1 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 49.817 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

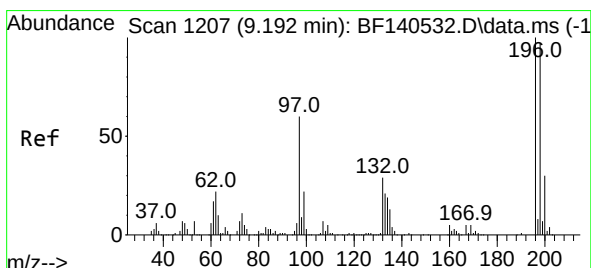
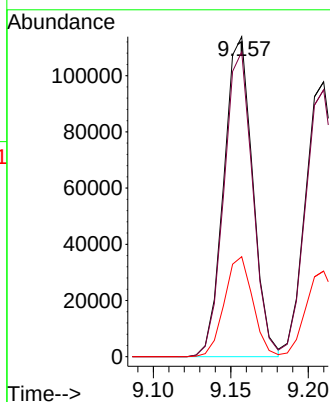
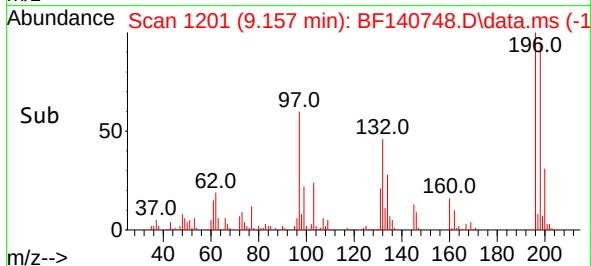
Instrument :
BNA_F
ClientSampleId :
PB165383BS



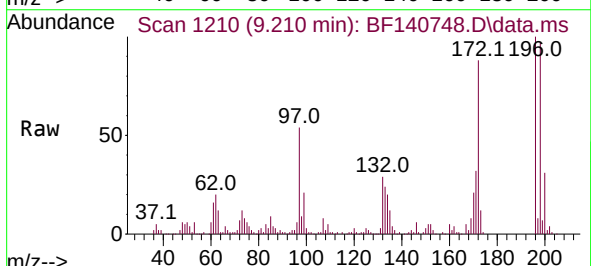
Tgt Ion:196 Resp: 147364
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
200 31.2 24.3 36.5

Manual Integrations
APPROVED

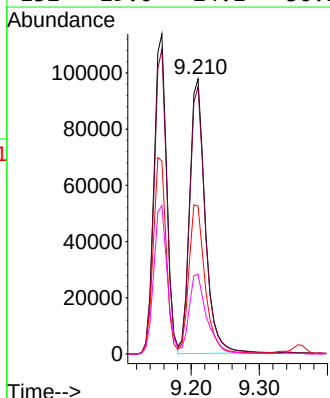
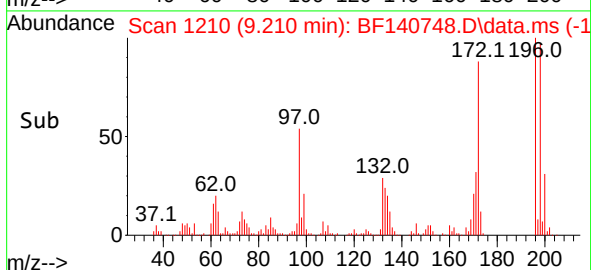
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

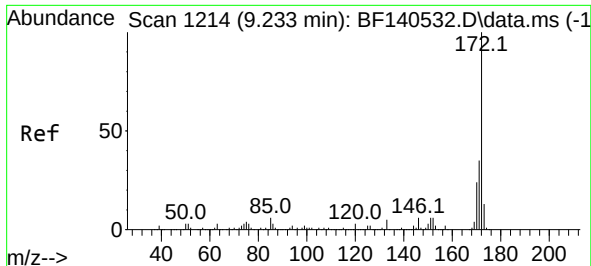


#44
2,4,5-Trichlorophenol
Concen: 48.071 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.018 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion:196 Resp: 154329
Ion Ratio Lower Upper
196 100
198 97.1 77.2 115.8
97 53.9 47.1 70.7
132 29.0 24.1 36.1





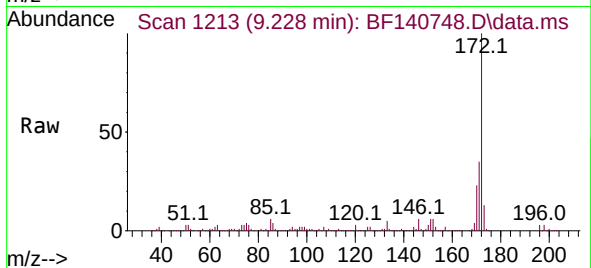
#45
2-Fluorobiphenyl
Concen: 99.945 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS



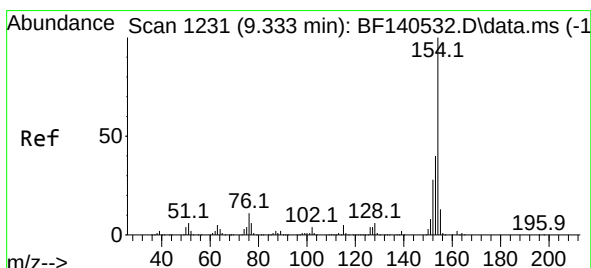
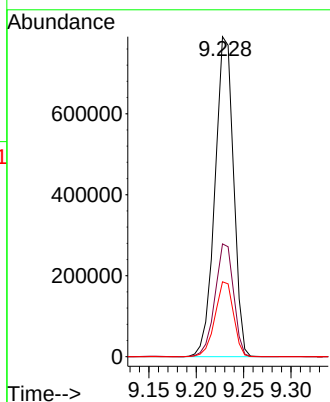
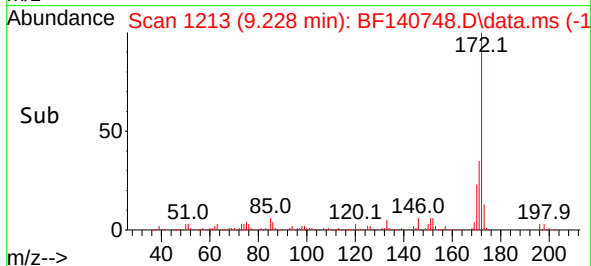
Tgt Ion:172 Resp: 1080199
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.4 19.0 28.6

Manual Integrations

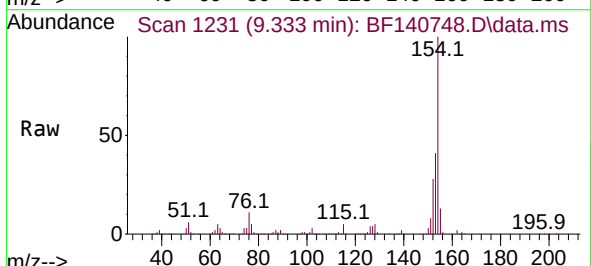
APPROVED

Reviewed By :Yogesh Patel 12/07/2024

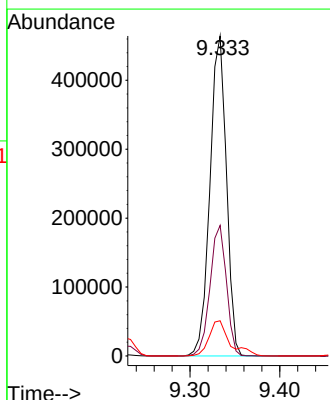
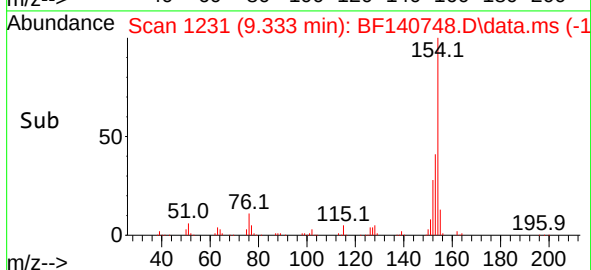
Supervised By :mohammad ahmed 12/07/2024

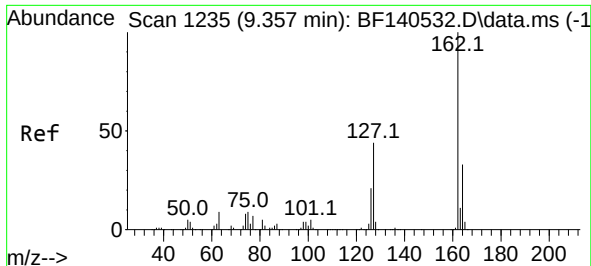


#46
1,1'-Biphenyl
Concen: 49.224 ng
RT: 9.333 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion:154 Resp: 591814
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 48.231 ng

RT: 9.357 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

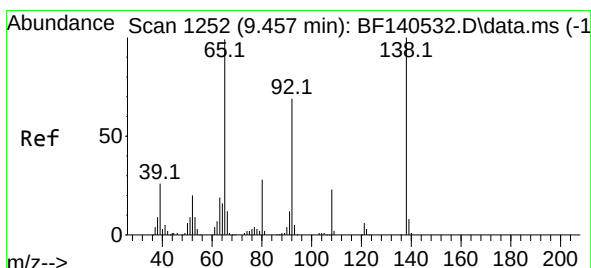
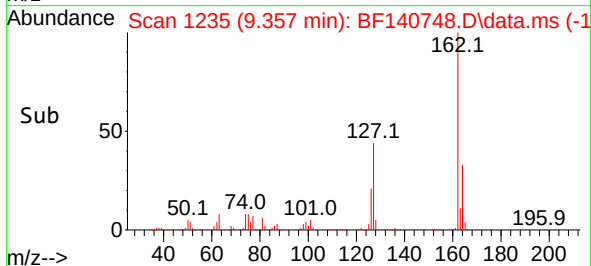
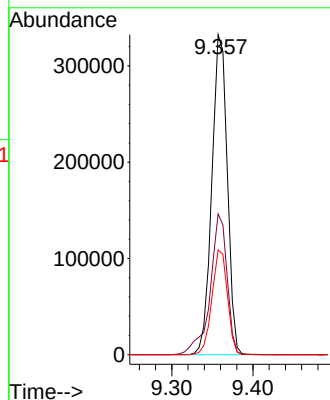
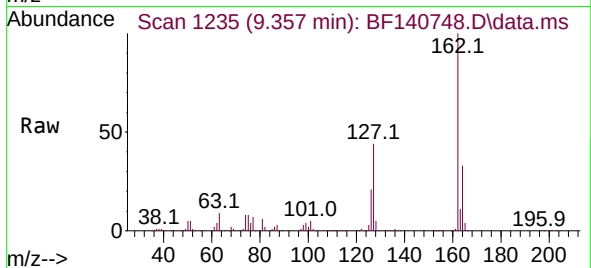
Tgt Ion:162 Resp: 439384
 Ion Ratio Lower Upper
 162 100
 127 44.0 35.7 53.5
 164 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#48

2-Nitroaniline

Concen: 47.905 ng

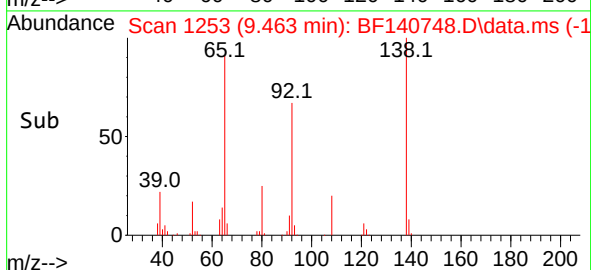
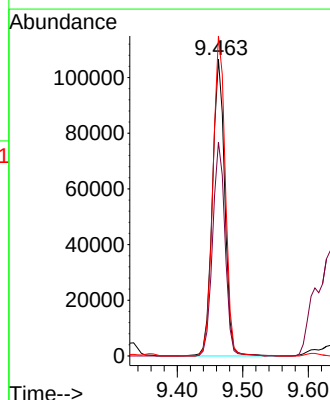
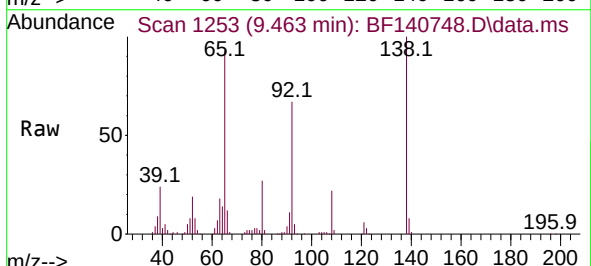
RT: 9.463 min Scan# 1253

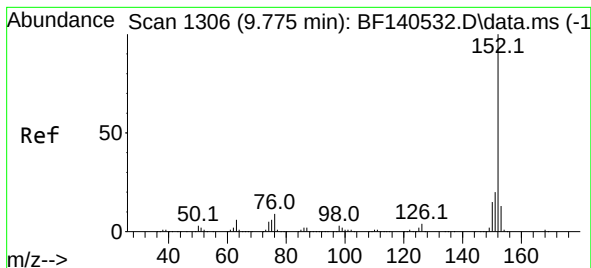
Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Tgt Ion: 65 Resp: 140080
 Ion Ratio Lower Upper
 65 100
 92 72.2 56.1 84.1
 138 107.9 81.0 121.6





#49

Acenaphthylene

Concen: 52.326 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140748.D

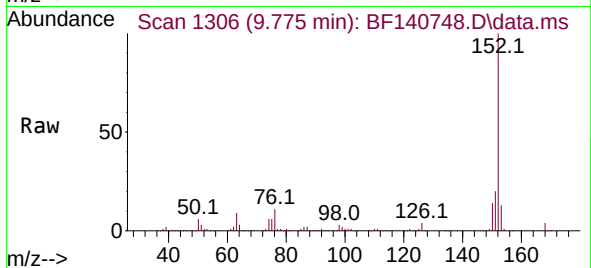
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS



Tgt Ion:152 Resp: 72024

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

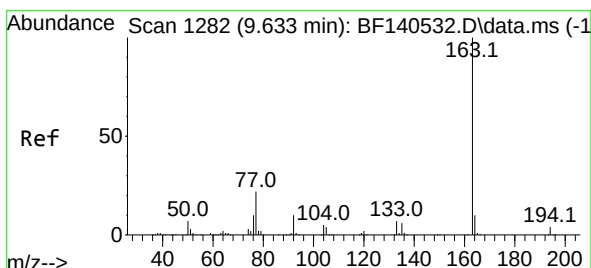
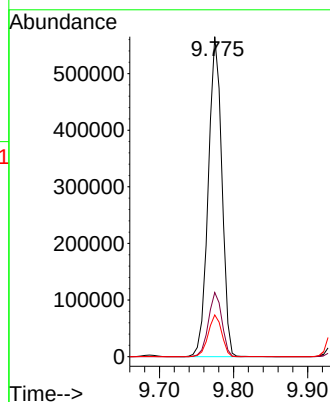
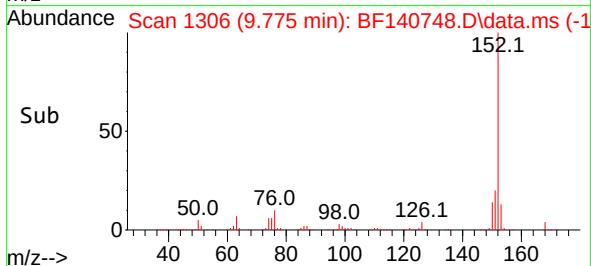
153 13.0 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#50

Dimethylphthalate

Concen: 51.484 ng

RT: 9.633 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

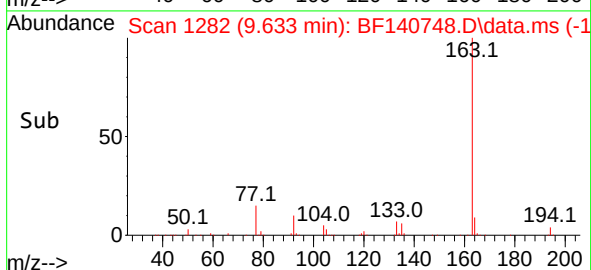
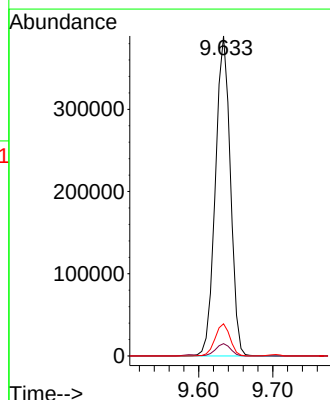
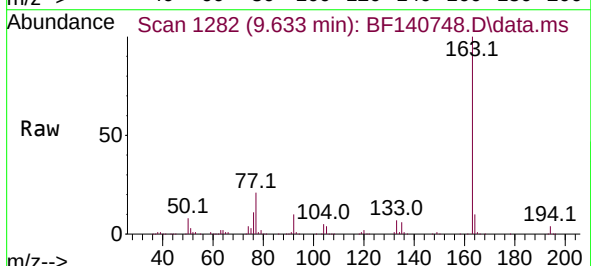
Tgt Ion:163 Resp: 546012

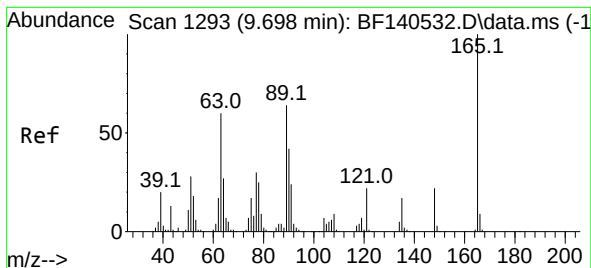
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.586 ng

RT: 9.704 min Scan# 11686

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

Tgt Ion:165 Resp: 11686

Ion Ratio Lower Upper

165 100

63 59.7 49.9 74.9

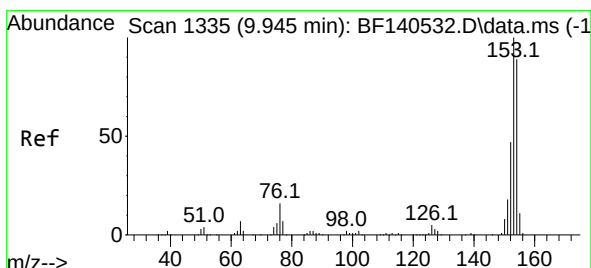
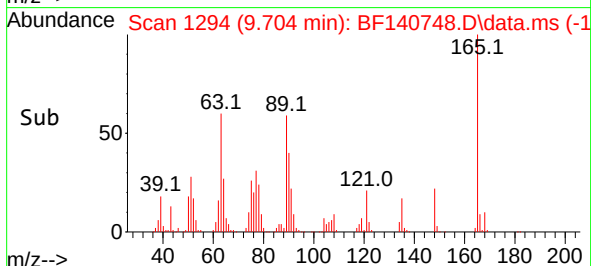
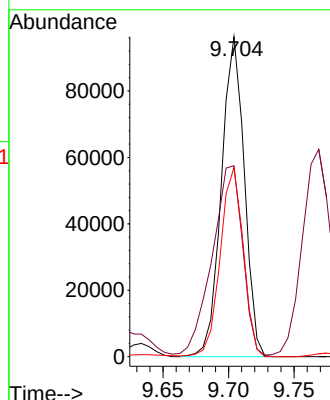
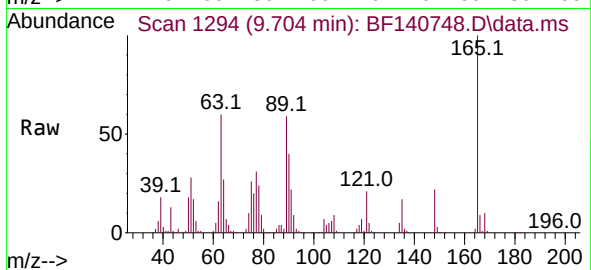
89 59.0 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#52

Acenaphthene

Concen: 49.570 ng

RT: 9.945 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

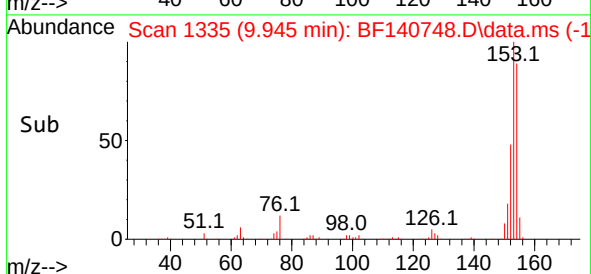
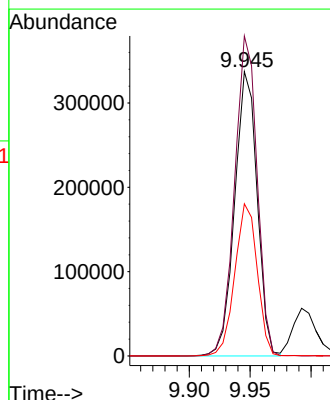
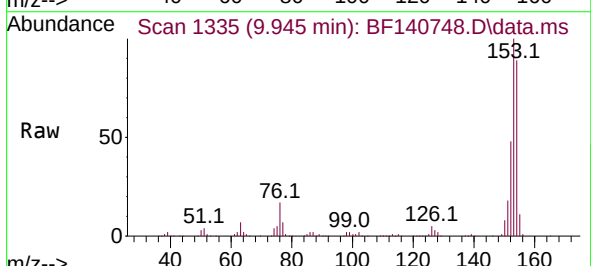
Tgt Ion:154 Resp: 433534

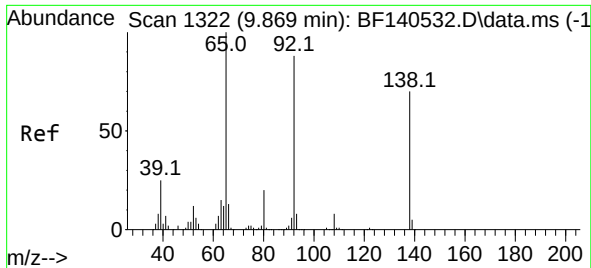
Ion Ratio Lower Upper

154 100

153 112.5 89.7 134.5

152 53.5 42.5 63.7





#53
3-Nitroaniline
Concen: 32.495 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

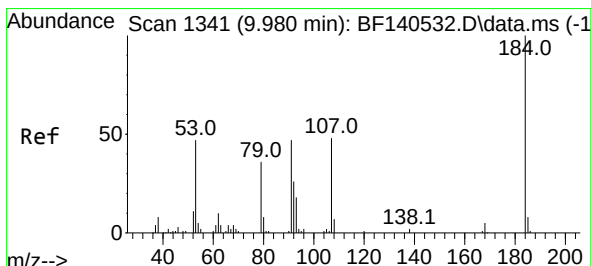
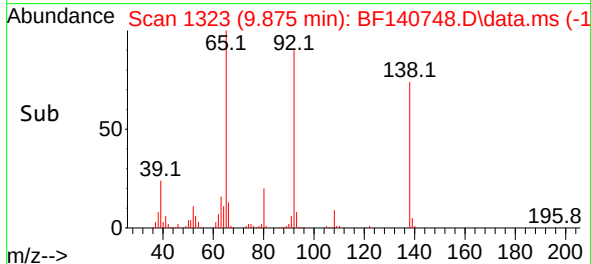
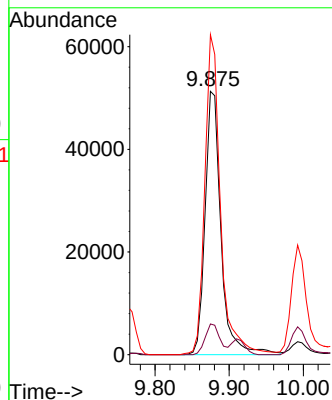
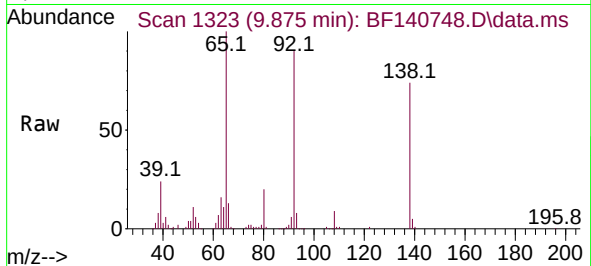
ClientSampleId :

PB165383BS

Tgt Ion:138 Resp: 7644
Ion Ratio Lower Upper
138 100
108 11.7 9.2 13.8
92 121.5 100.6 150.8

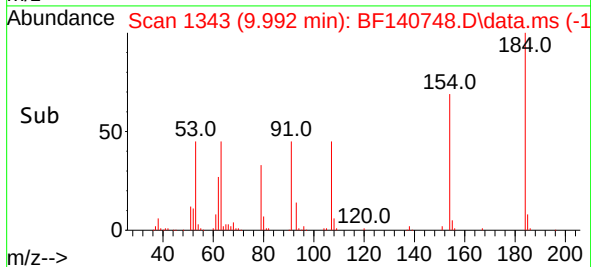
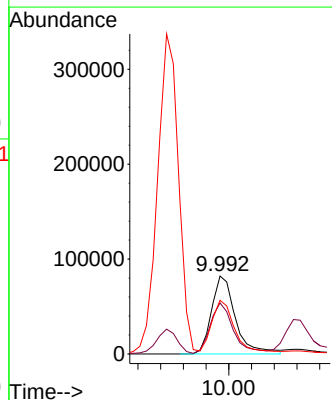
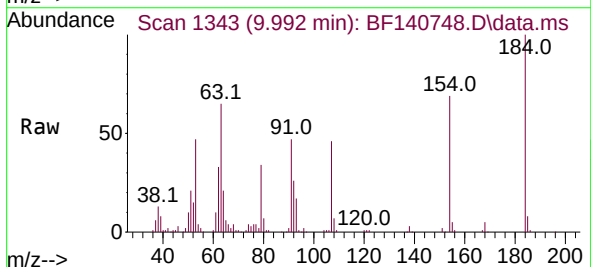
Manual Integrations
APPROVED

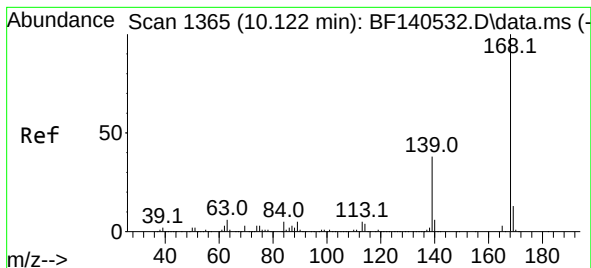
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#54
2,4-Dinitrophenol
Concen: 94.917 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:184 Resp: 120252
Ion Ratio Lower Upper
184 100
63 65.4 54.1 81.1
154 68.8 57.4 86.0





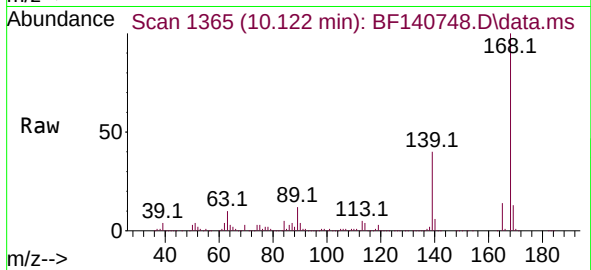
#55
Dibenzofuran
Concen: 49.535 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

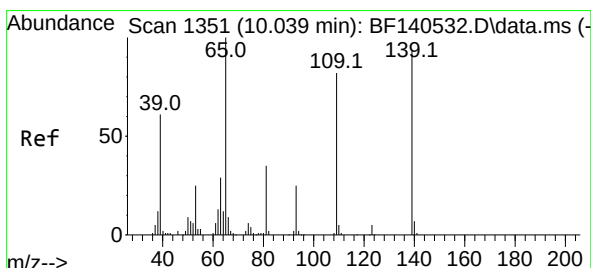
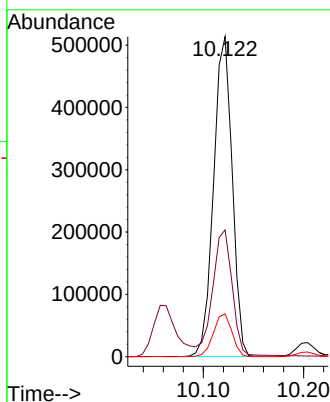
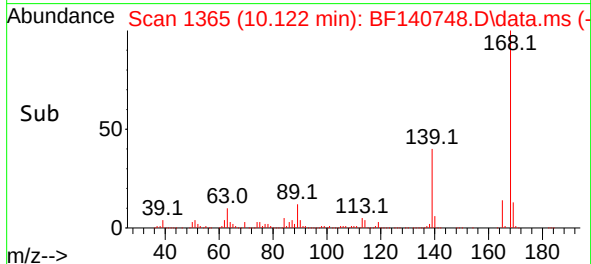
PB165383BS



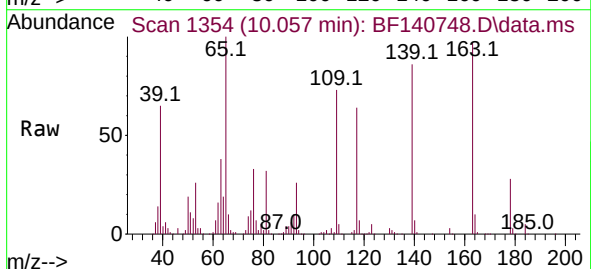
Tgt Ion:168 Resp: 660800
Ion Ratio Lower Upper
168 100
139 39.6 31.3 46.9
169 13.4 10.5 15.7

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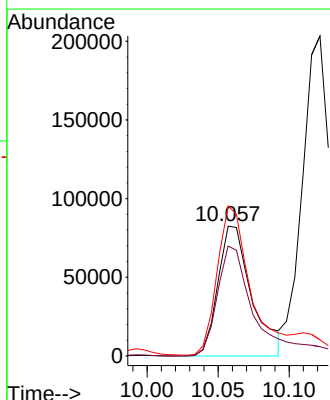
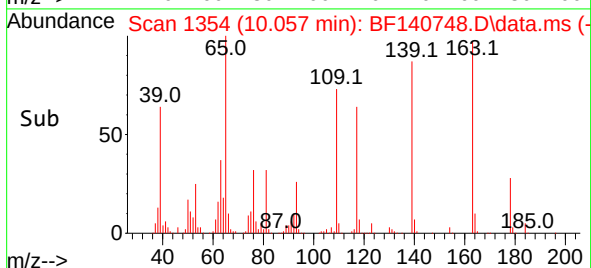
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

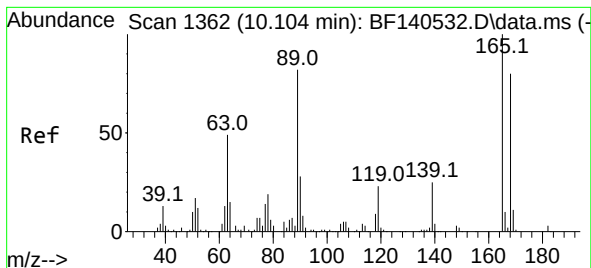


#56
4-Nitrophenol
Concen: 84.886 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion:139 Resp: 136189
Ion Ratio Lower Upper
139 100
109 84.8 68.4 108.4
65 115.7 88.6 128.6





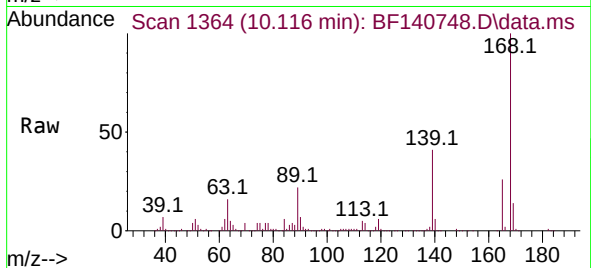
#57
2,4-Dinitrotoluene
Concen: 49.758 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS



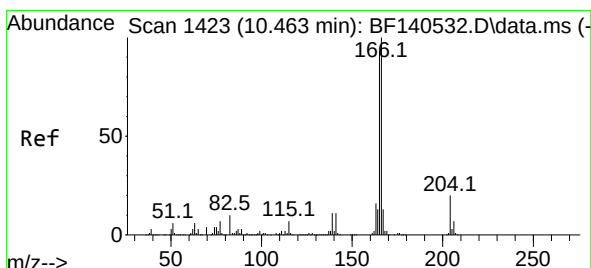
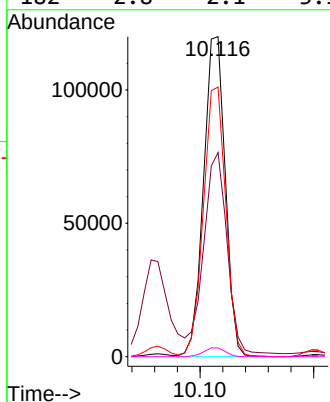
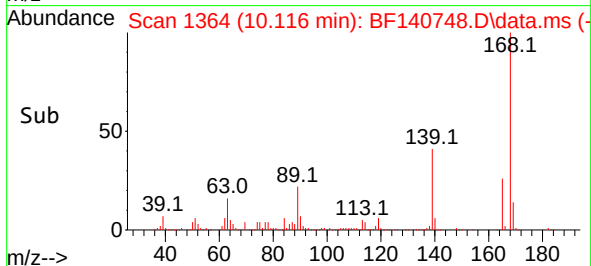
Tgt Ion:165 Resp: 15906
Ion Ratio Lower Upper
165 100
63 63.8 41.7 62.5
89 84.3 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations

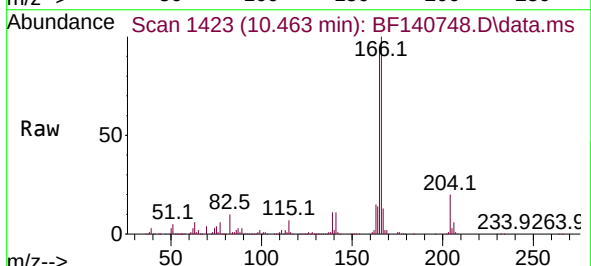
APPROVED

Reviewed By :Yogesh Patel 12/07/2024

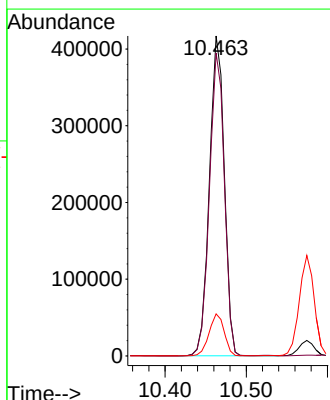
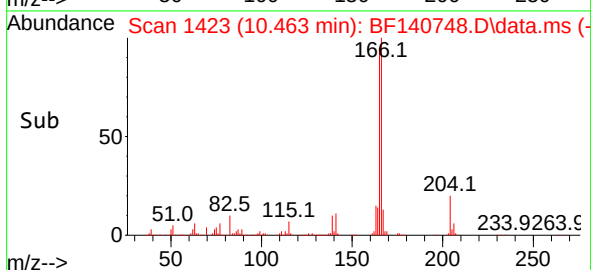
Supervised By :mohammad ahmed 12/07/2024

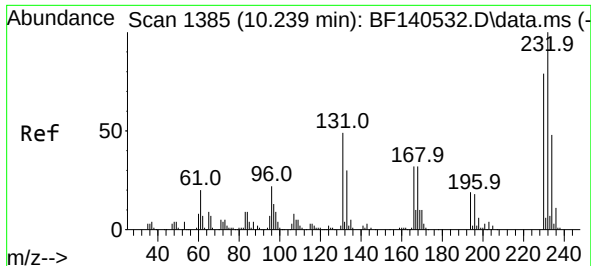


#58
Fluorene
Concen: 49.570 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion:166 Resp: 530789
Ion Ratio Lower Upper
166 100
165 94.7 74.6 111.8
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.993 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

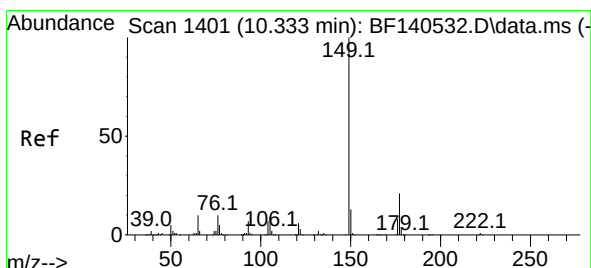
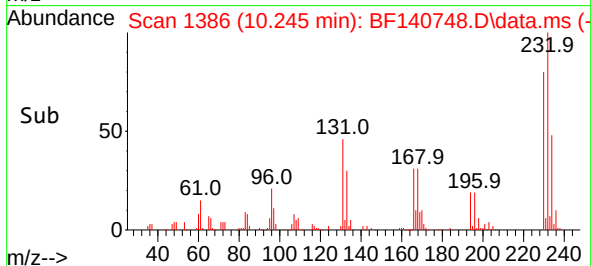
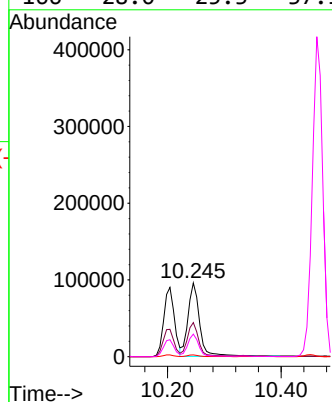
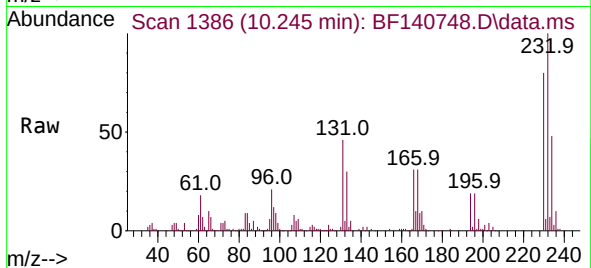
Tgt Ion:232 Resp: 13568
Ion Ratio Lower Upper
232 100
131 43.0 39.6 59.4
130 2.1 1.9 2.9
166 28.0 25.3 37.9

Manual Integrations

APPROVED

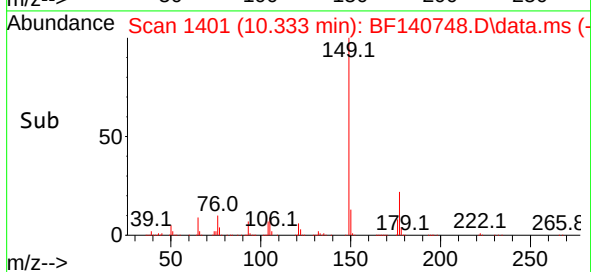
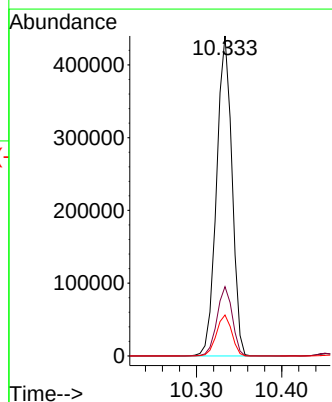
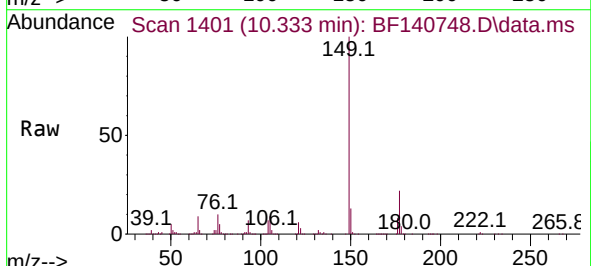
Reviewed By :Yogesh Patel 12/07/2024

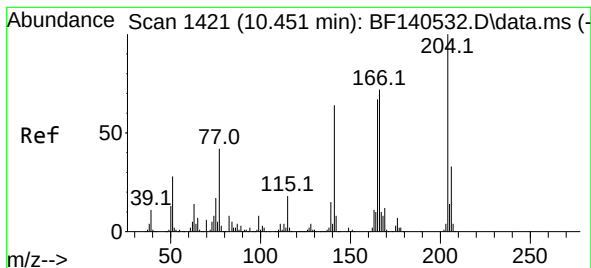
Supervised By :mohammad ahmed 12/07/2024



#60
Diethylphthalate
Concen: 51.229 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

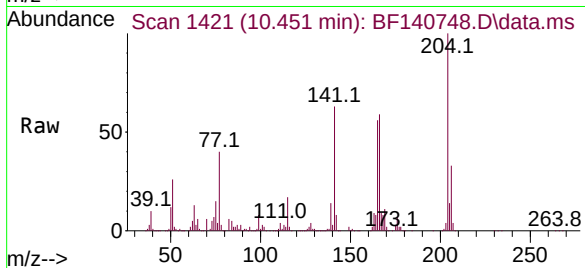
Tgt Ion:149 Resp: 552011
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.038 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

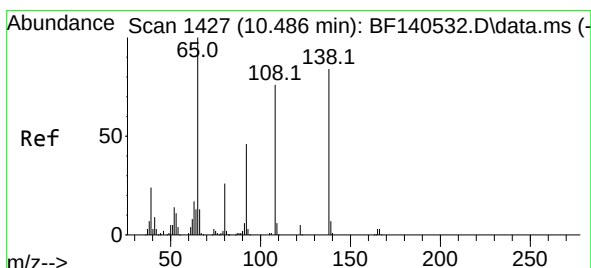
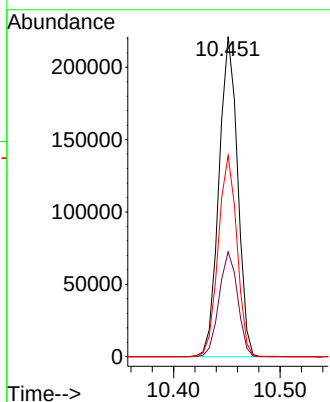
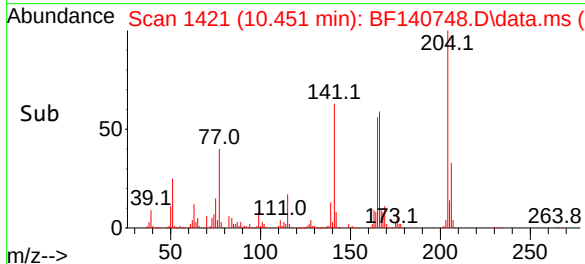
Instrument :
BNA_F
ClientSampleId :
PB165383BS



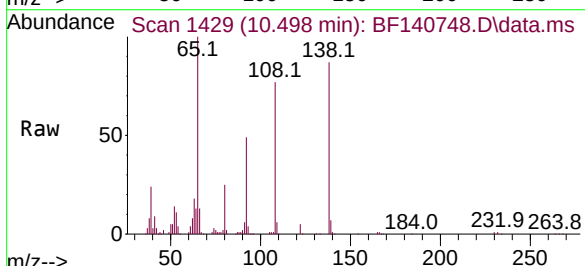
Tgt Ion:204 Resp: 268199
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 62.9 51.1 76.7

Manual Integrations
APPROVED

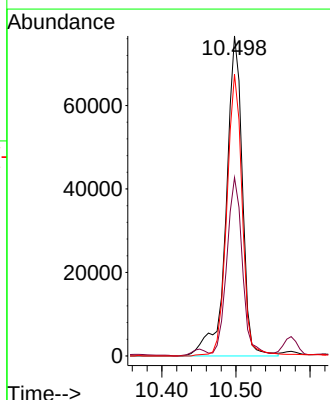
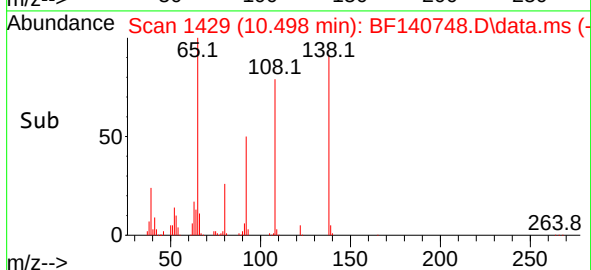
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

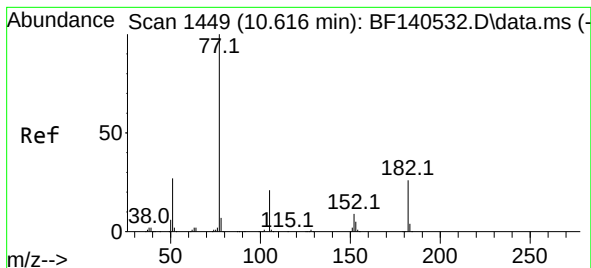


#62
4-Nitroaniline
Concen: 47.262 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



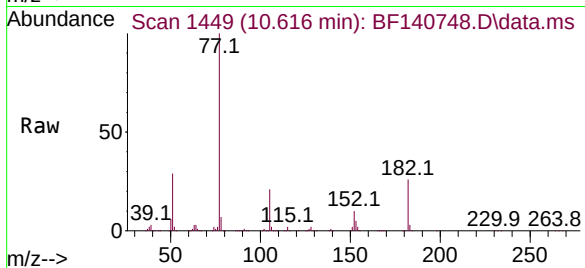
Tgt Ion:138 Resp: 116609
Ion Ratio Lower Upper
138 100
92 55.8 34.5 74.5
108 88.0 70.6 110.6





#63
Azobenzene
Concen: 50.706 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

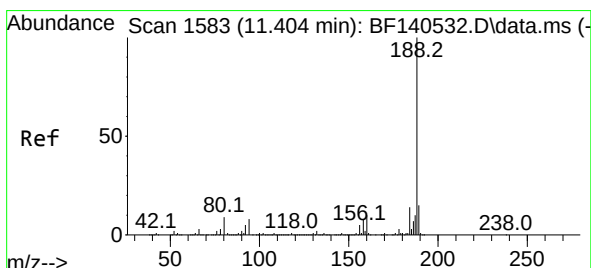
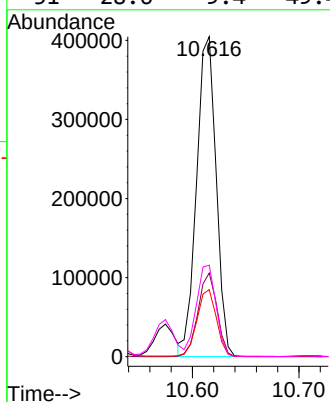
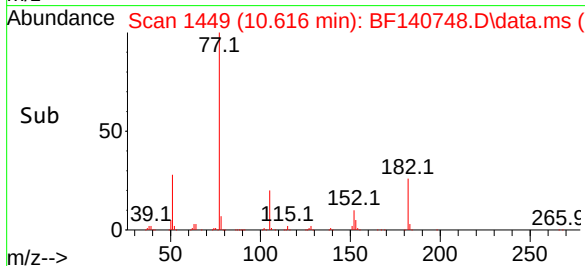
Instrument :
BNA_F
ClientSampleId :
PB165383BS



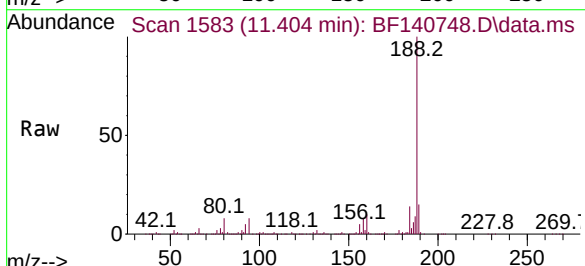
Tgt Ion: 77 Resp: 51741
Ion Ratio Lower Upper
77 100
182 26.1 5.3 45.3
105 21.0 0.3 40.3
51 28.6 9.4 49.4

Manual Integrations
APPROVED

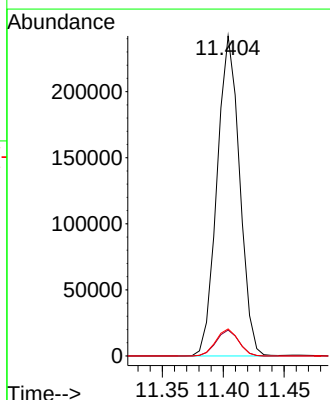
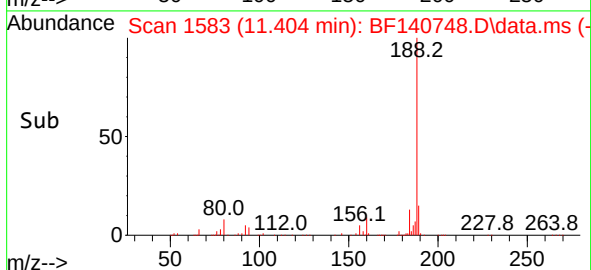
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

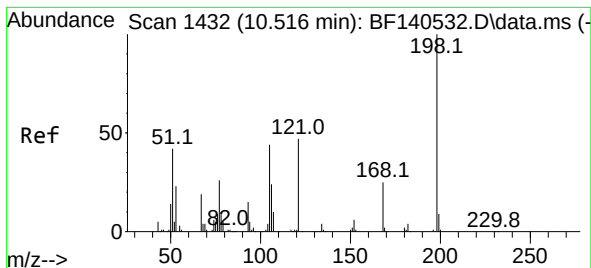


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion:188 Resp: 312586
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.5 6.9 10.3





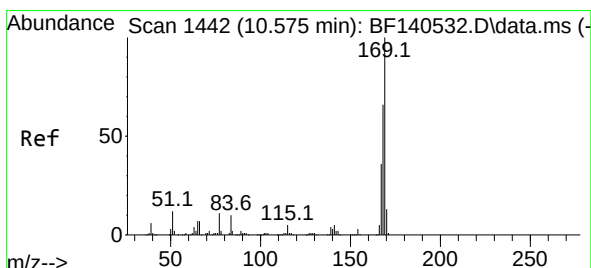
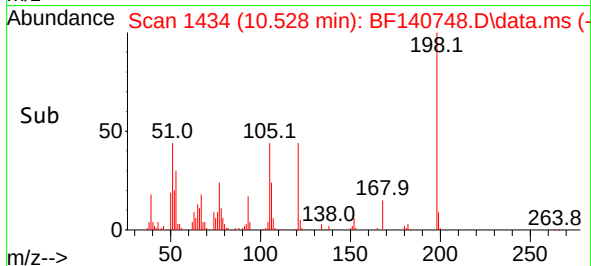
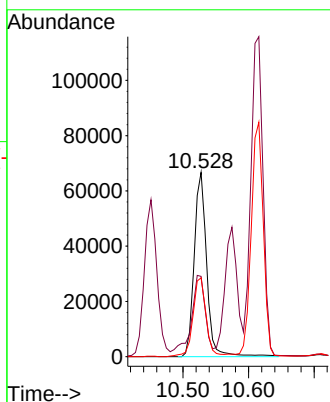
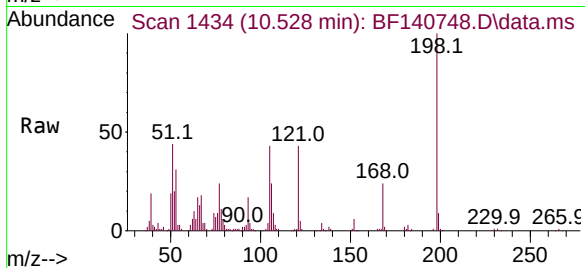
#65
4,6-Dinitro-2-methylphenol
Concen: 55.688 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.012 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :
BNA_F
ClientSampleId :
PB165383BS

Tgt Ion:198 Resp: 88952
Ion Ratio Lower Upper
198 100
51 43.6 29.4 69.4
105 42.8 25.4 65.4

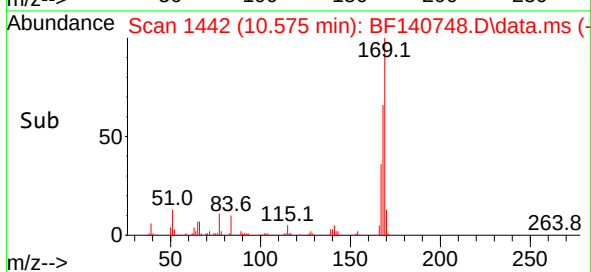
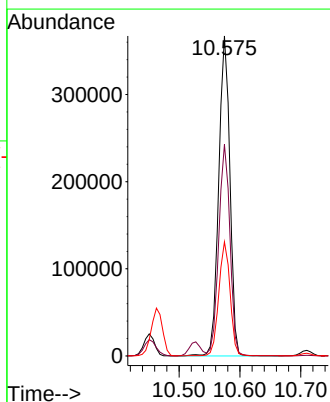
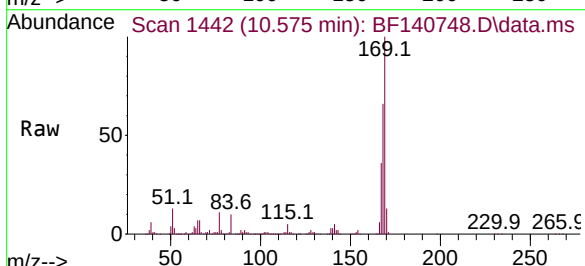
Manual Integrations
APPROVED

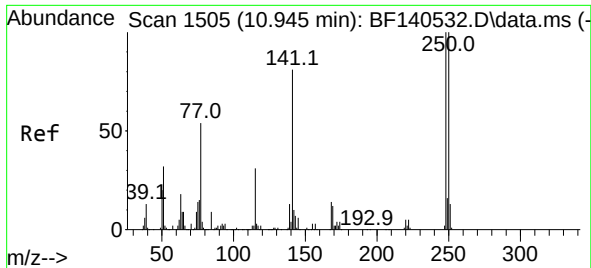
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#66
n-Nitrosodiphenylamine
Concen: 50.619 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:169 Resp: 467920
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 35.6 29.0 43.6





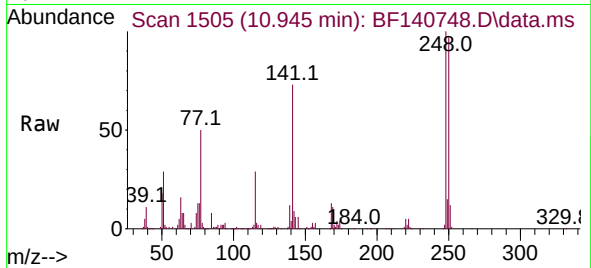
#67
4-Bromophenyl-phenylether
Concen: 50.975 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

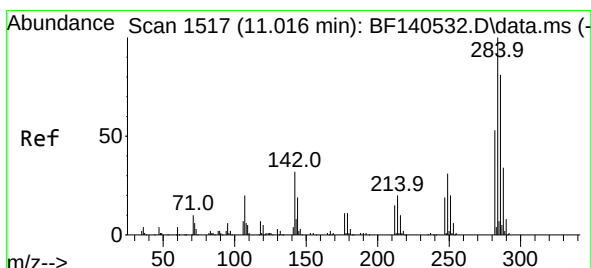
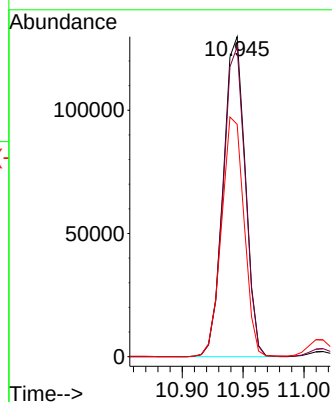
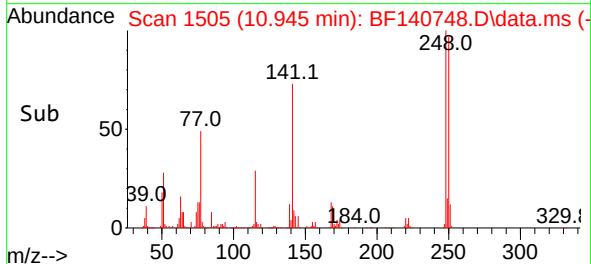


Tgt Ion:248 Resp: 164095
Ion Ratio Lower Upper
248 100
250 96.9 79.8 119.8
141 72.6 64.7 97.1

Manual Integrations

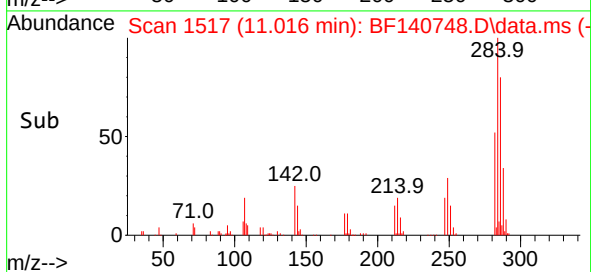
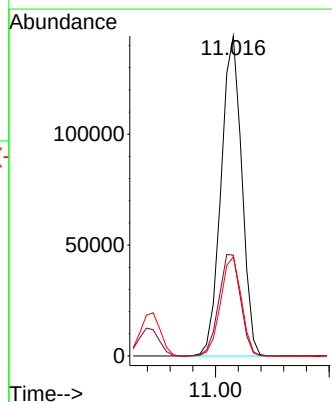
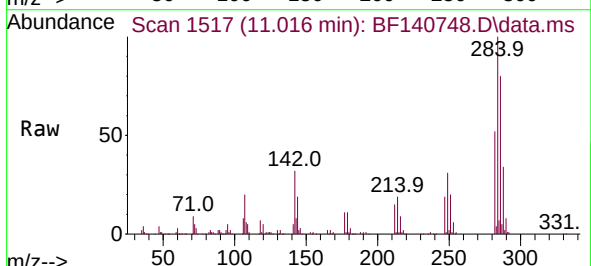
APPROVED

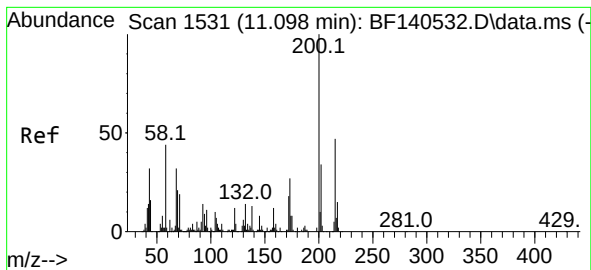
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024



#68
Hexachlorobenzene
Concen: 49.001 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Tgt Ion:284 Resp: 182649
Ion Ratio Lower Upper
284 100
142 31.5 25.3 37.9
249 31.0 24.8 37.2





#69

Atrazine

Concen: 55.718 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

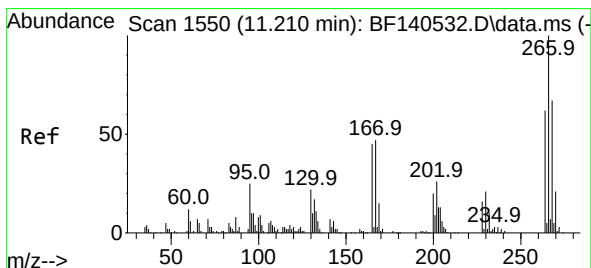
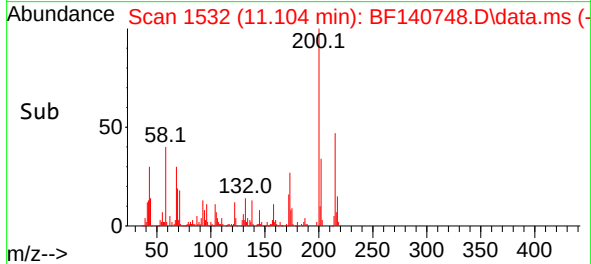
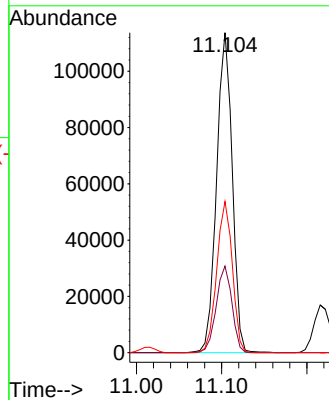
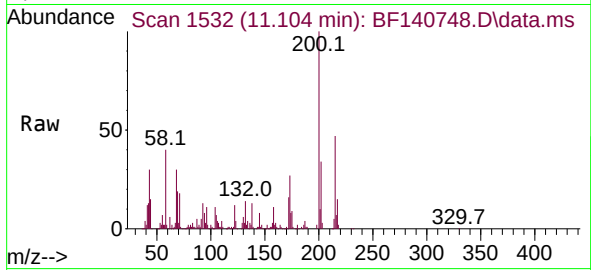
Tgt Ion:200 Resp: 14489
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.0 47.0
 215 47.3 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#70

Pentachlorophenol

Concen: 89.004 ng

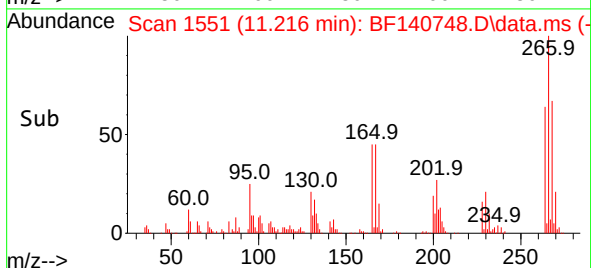
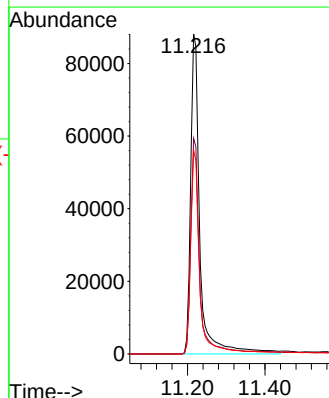
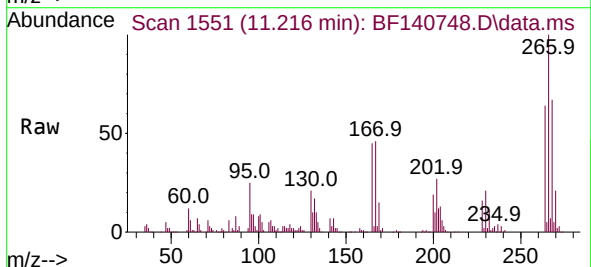
RT: 11.216 min Scan# 1551

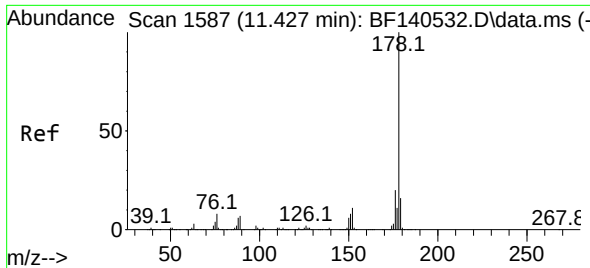
Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

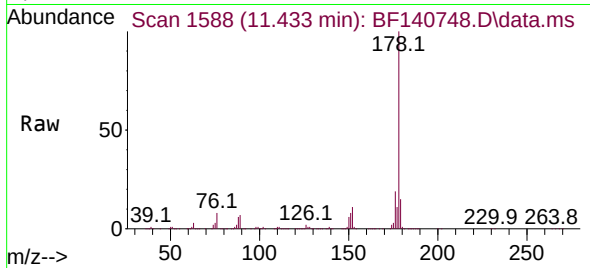
Tgt Ion:266 Resp: 146015
 Ion Ratio Lower Upper
 266 100
 268 67.4 53.7 80.5
 264 63.5 49.8 74.8





#71
Phenanthrene
Concen: 50.699 ng
RT: 11.433 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

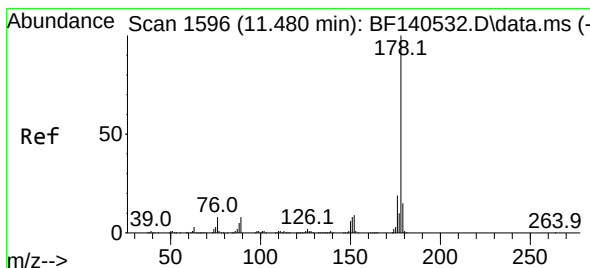
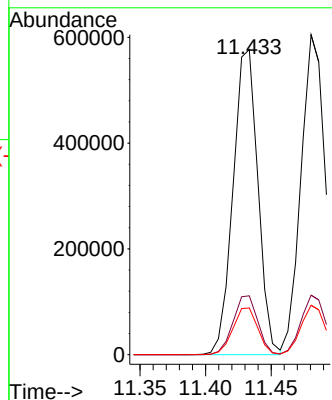
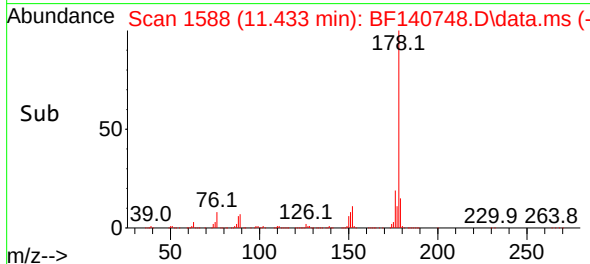
Instrument :
BNA_F
ClientSampleId :
PB165383BS



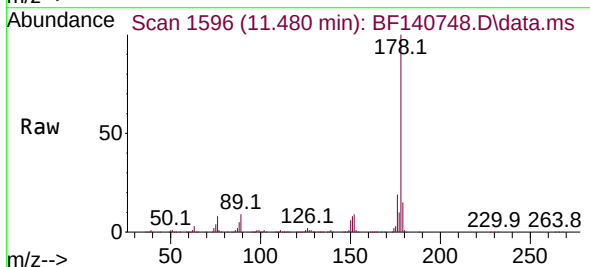
Tgt Ion:178 Resp: 761784
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.3 12.4 18.6

Manual Integrations
APPROVED

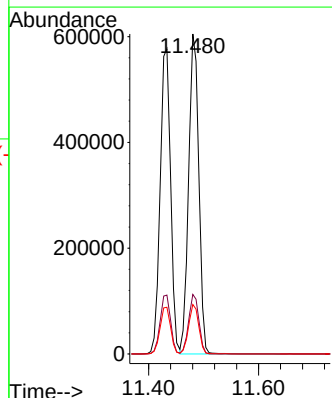
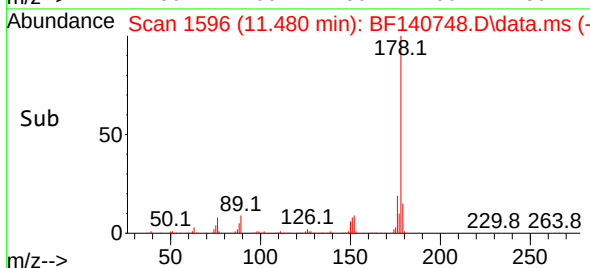
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

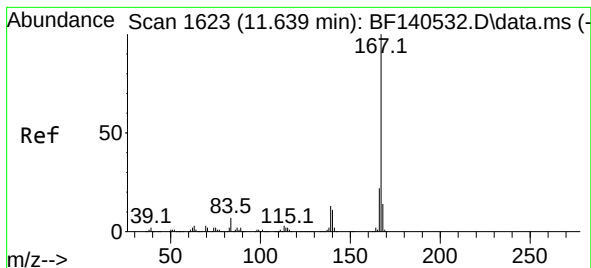


#72
Anthracene
Concen: 52.832 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



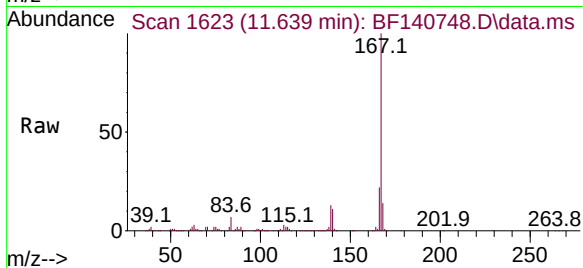
Tgt Ion:178 Resp: 776530
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 50.100 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF140748.D
 Acq: 05 Dec 2024 15:02

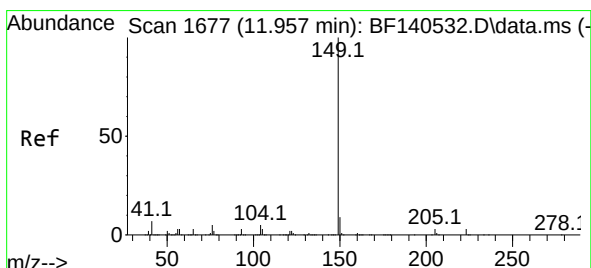
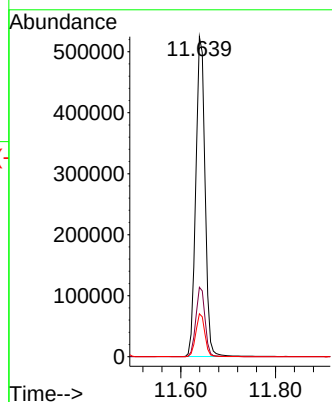
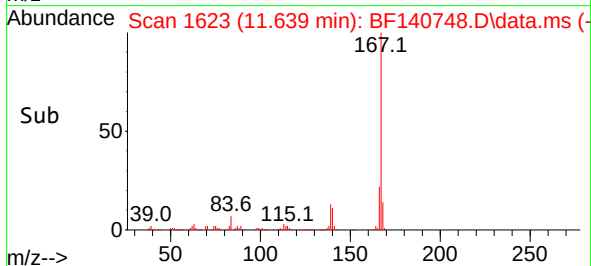
Instrument :
 BNA_F
 ClientSampleId :
 PB165383BS



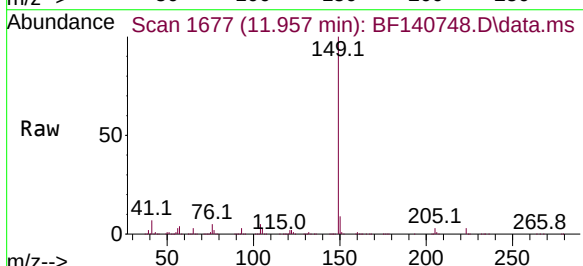
Tgt Ion:167 Resp: 708398
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.4 10.6 15.8

Manual Integrations
 APPROVED

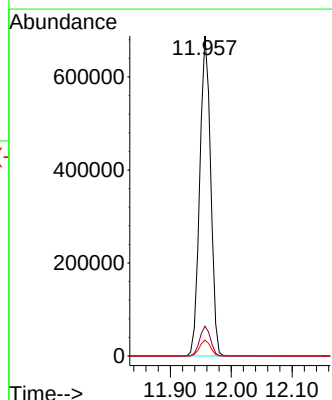
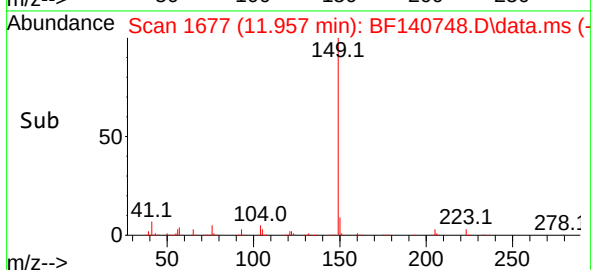
Reviewed By :Yogesh Patel 12/07/2024
 Supervised By :mohammad ahmed 12/07/2024

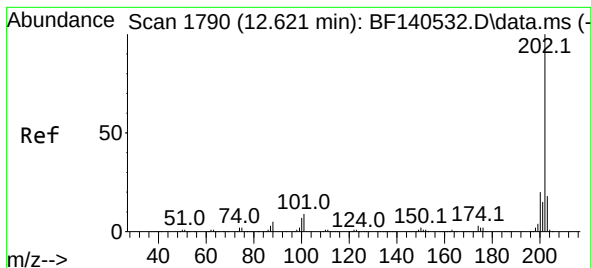


#74
 Di-n-butylphthalate
 Concen: 52.284 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF140748.D
 Acq: 05 Dec 2024 15:02



Tgt Ion:149 Resp: 853495
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 51.455 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

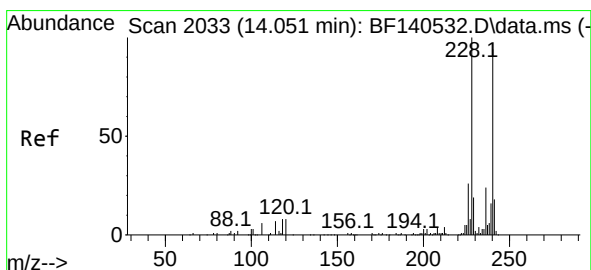
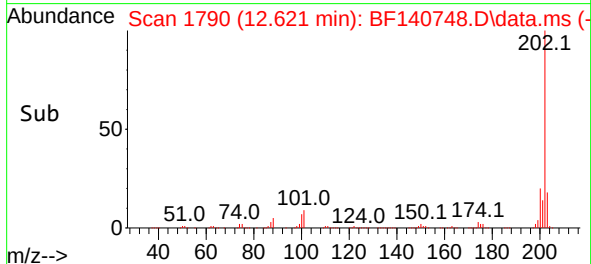
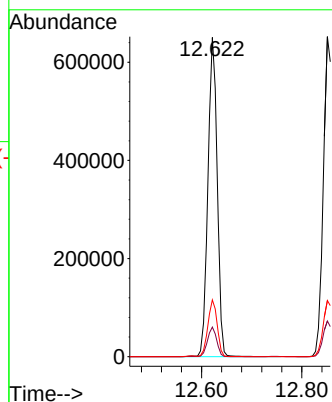
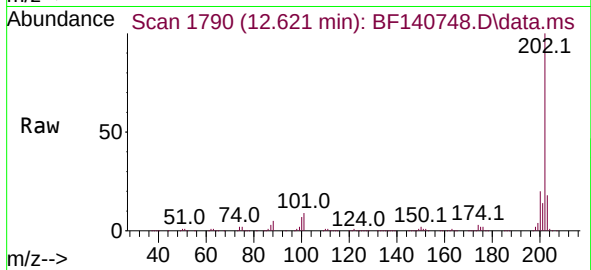
Tgt Ion:	202	Resp:	83943
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	28.9
203	17.8	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#76

Chrysene-d12

Concen: 20.000 ng

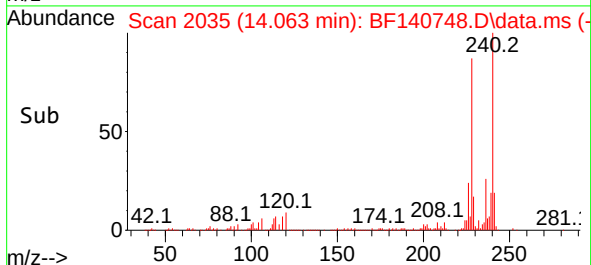
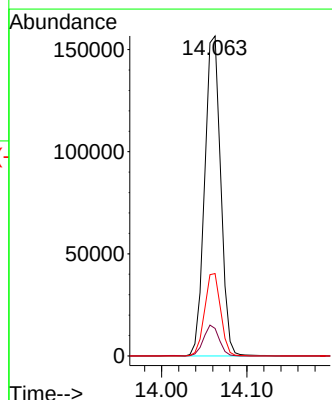
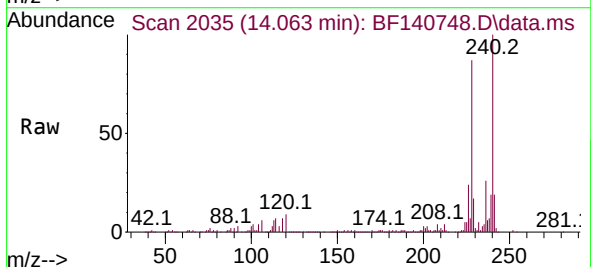
RT: 14.063 min Scan# 2035

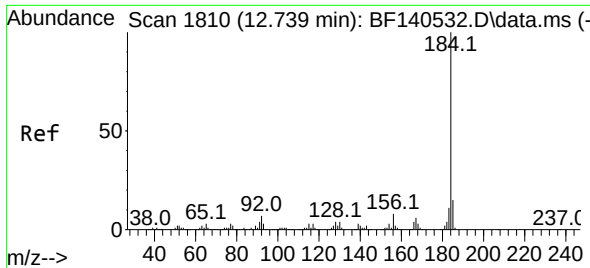
Delta R.T. 0.012 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

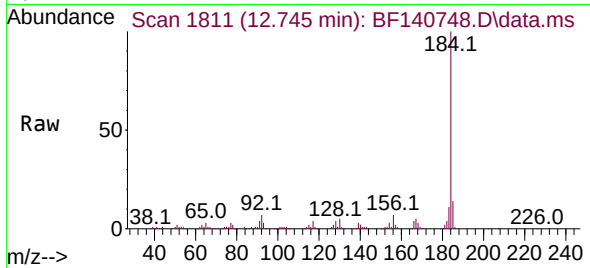
Tgt Ion:	240	Resp:	204731
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.3	10.9
236	25.8	20.6	31.0





#77
Benzidine
Concen: 30.055 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

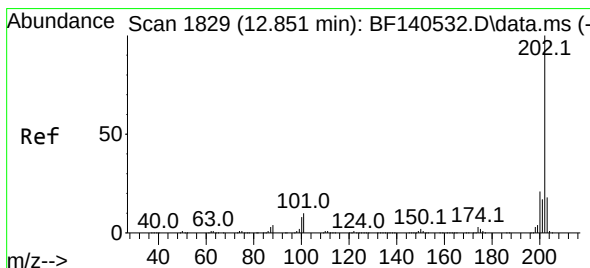
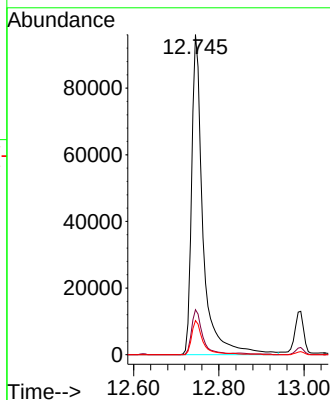
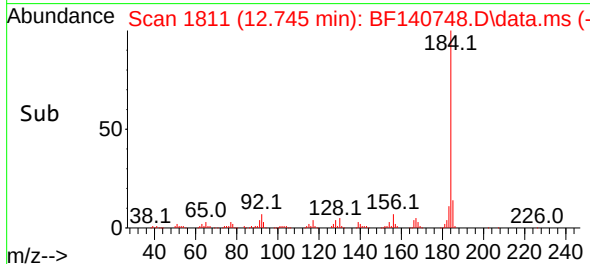
Instrument :
BNA_F
ClientSampleId :
PB165383BS



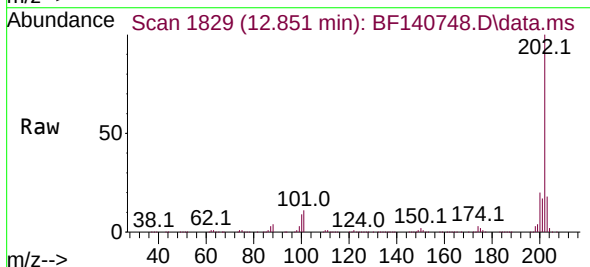
Tgt Ion:184 Resp: 178899
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.6 8.8 13.2

Manual Integrations
APPROVED

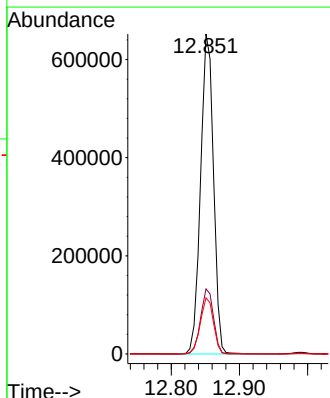
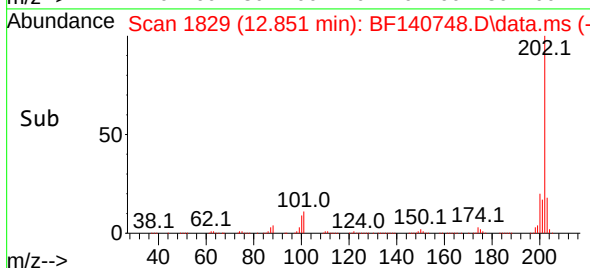
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

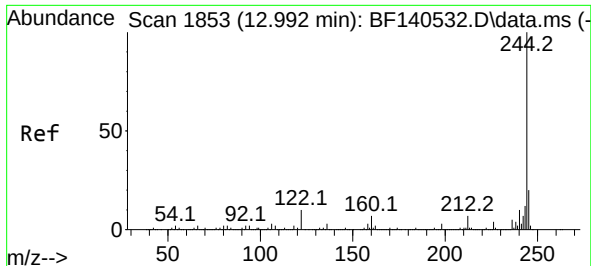


#78
Pyrene
Concen: 45.470 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion:202 Resp: 860738
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.5 14.2 21.4





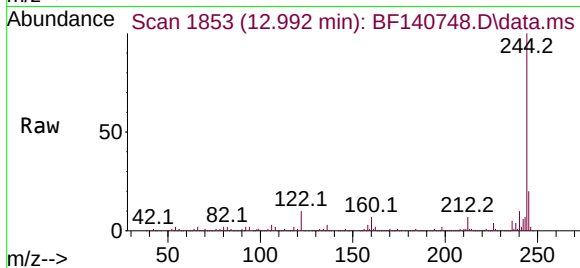
#79
 Terphenyl-d14
 Concen: 97.052 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF140748.D
 Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS



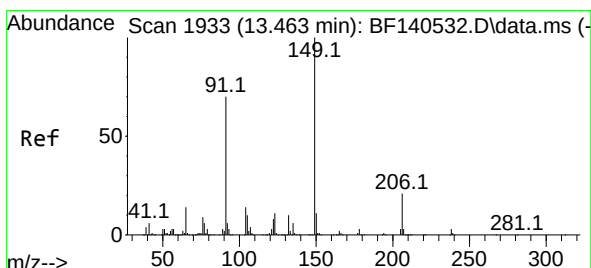
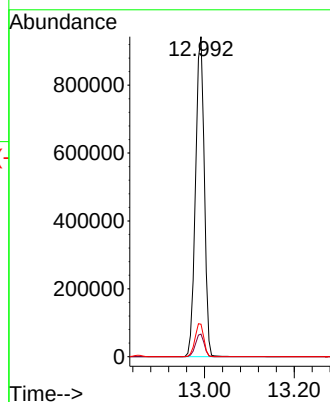
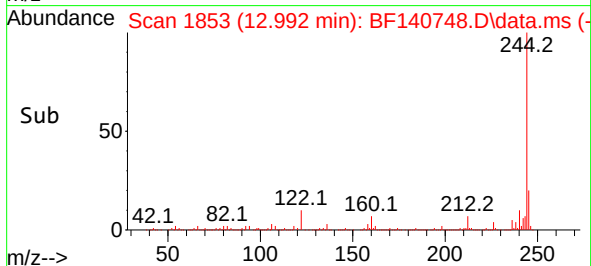
Tgt Ion:244 Resp: 127603
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.2 8.0 12.0

Manual Integrations

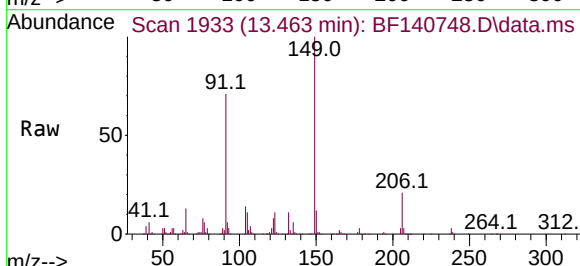
APPROVED

Reviewed By :Yogesh Patel 12/07/2024

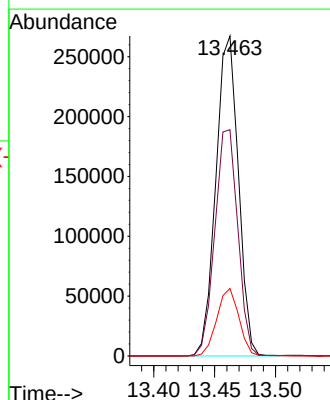
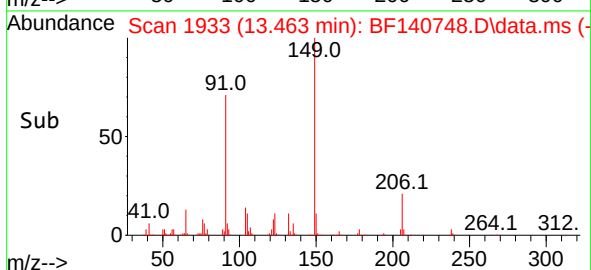
Supervised By :mohammad ahmed 12/07/2024

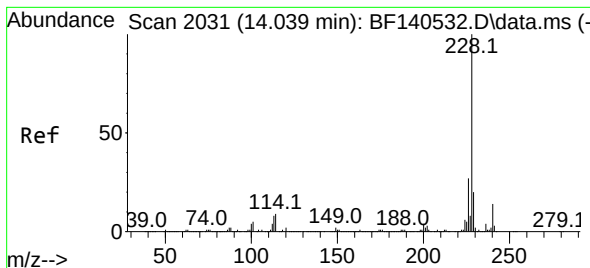


#80
 Butylbenzylphthalate
 Concen: 50.538 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF140748.D
 Acq: 05 Dec 2024 15:02



Tgt Ion:149 Resp: 344632
 Ion Ratio Lower Upper
 149 100
 91 70.7 56.2 84.2
 206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.156 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.012 min

Lab File: BF140748.D

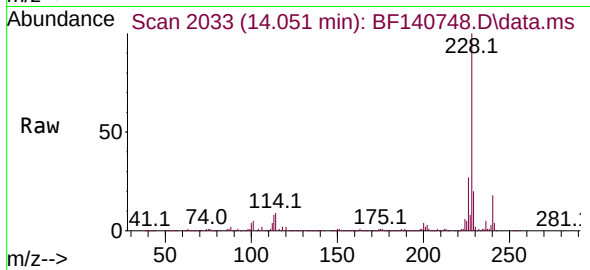
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS



Tgt Ion:228 Resp: 70684

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

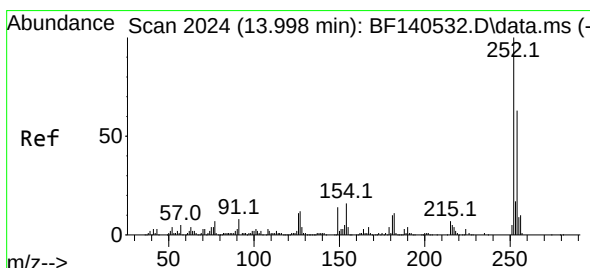
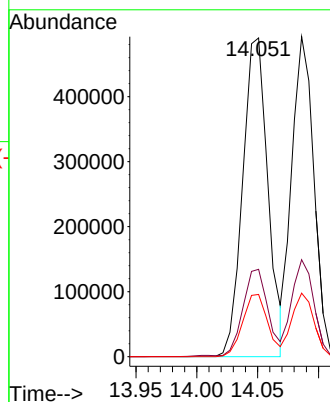
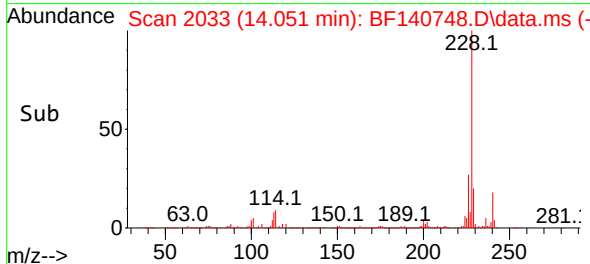
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#82

3,3'-Dichlorobenzidine

Concen: 37.301 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

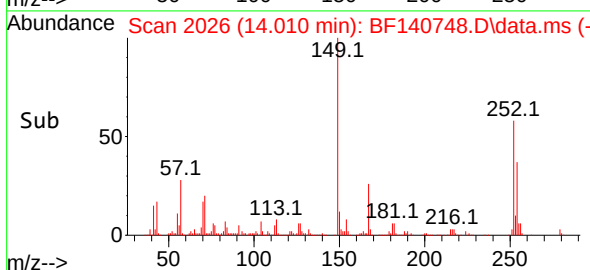
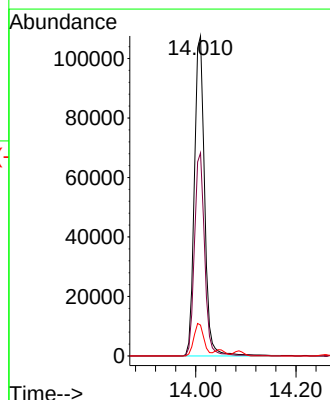
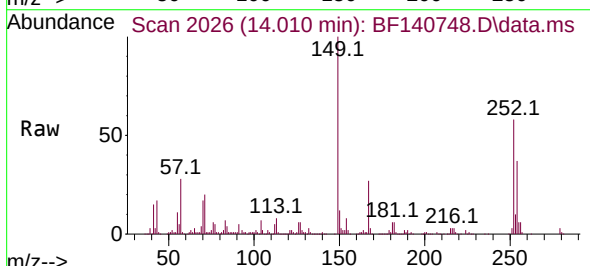
Tgt Ion:252 Resp: 151774

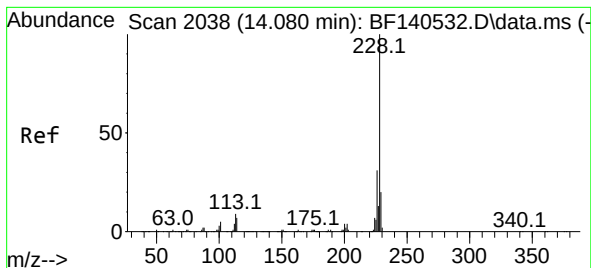
Ion Ratio Lower Upper

252 100

254 63.5 50.8 76.2

126 9.6 8.6 13.0





#83

Chrysene

Concen: 50.500 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

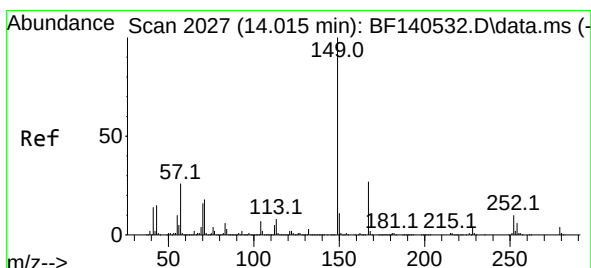
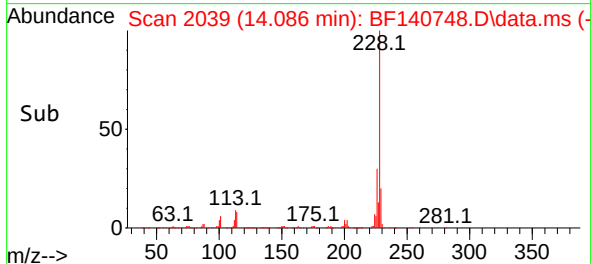
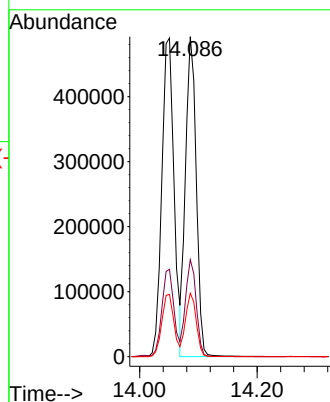
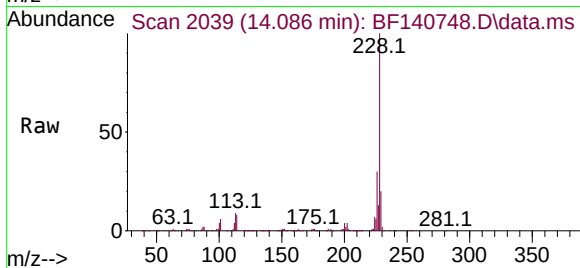
Tgt Ion:	228	Resp:	625800
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	19.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.804 ng

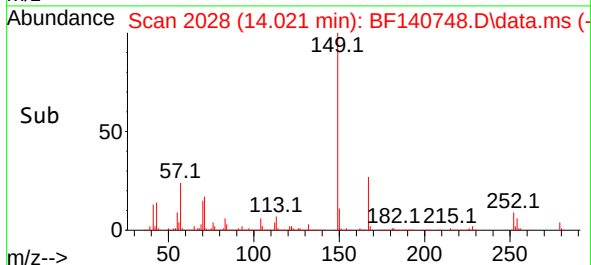
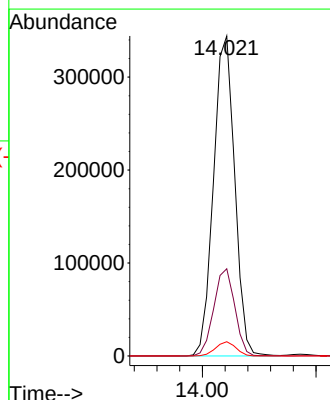
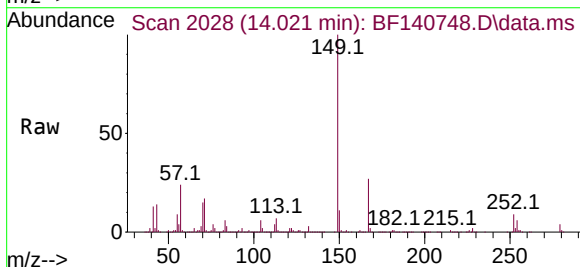
RT: 14.021 min Scan# 2028

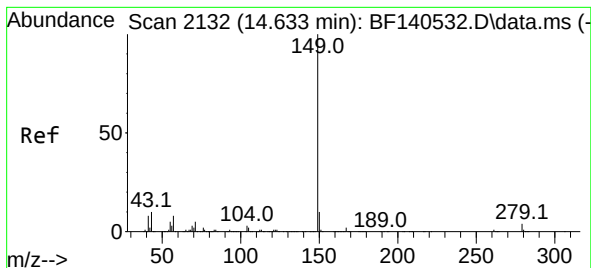
Delta R.T. 0.006 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Tgt Ion:	149	Resp:	446072
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.2	31.8
279	4.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 53.307 ng

RT: 14.651 min Scan# 2135

Delta R.T. 0.018 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

Tgt Ion:149 Resp: 627308

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

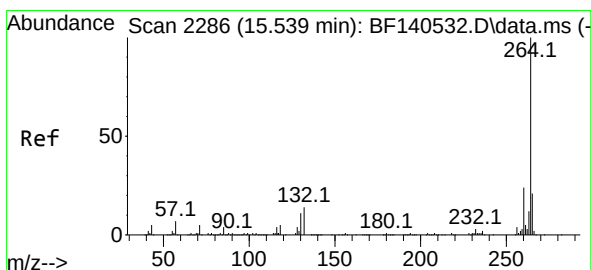
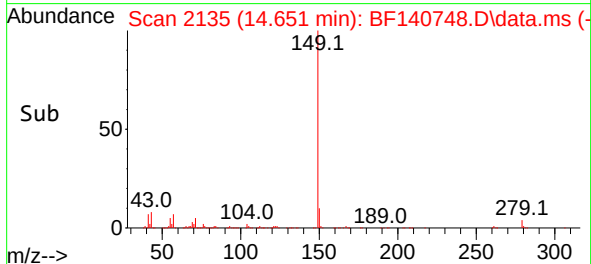
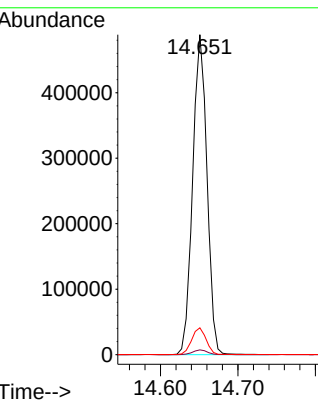
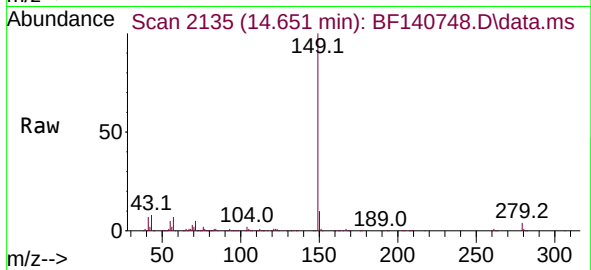
43 8.5 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.024 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

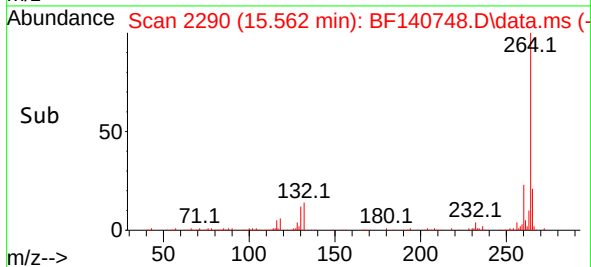
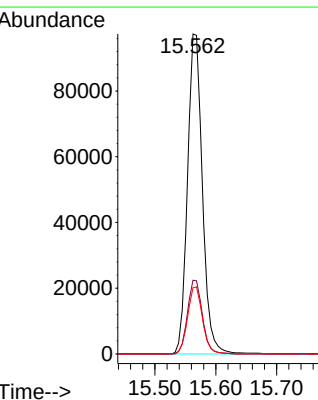
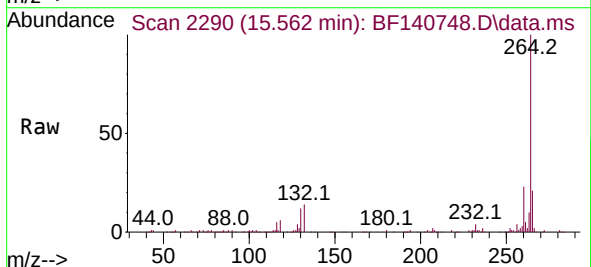
Tgt Ion:264 Resp: 165261

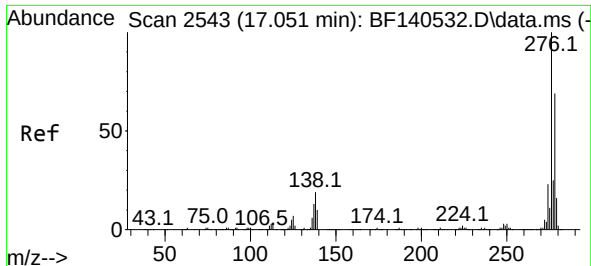
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 20.7 16.6 25.0





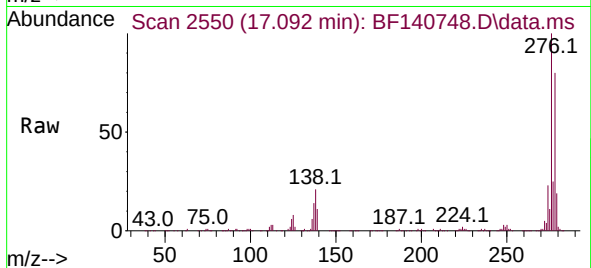
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.857 ng
RT: 17.092 min Scan# 2116
Delta R.T. 0.041 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS



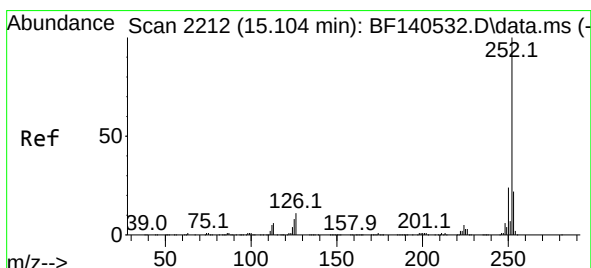
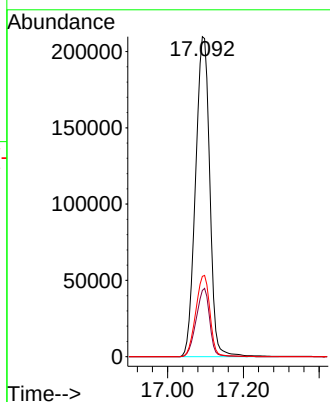
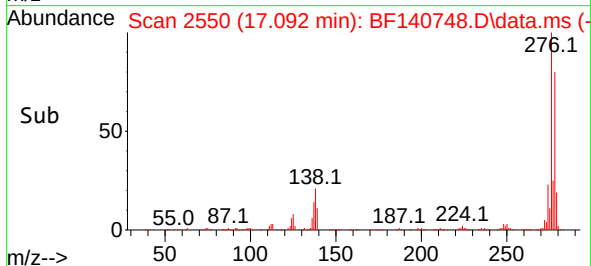
Tgt Ion:276 Resp: 547725
Ion Ratio Lower Upper
276 100
138 20.2 15.5 23.3
277 25.3 20.1 30.1

Manual Integrations

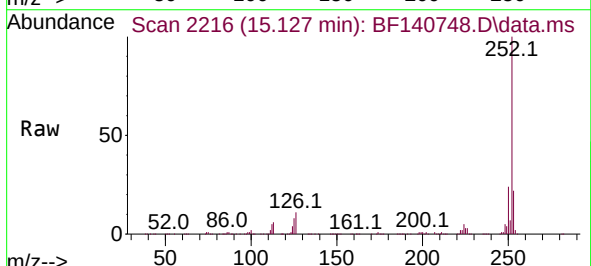
APPROVED

Reviewed By :Yogesh Patel 12/07/2024

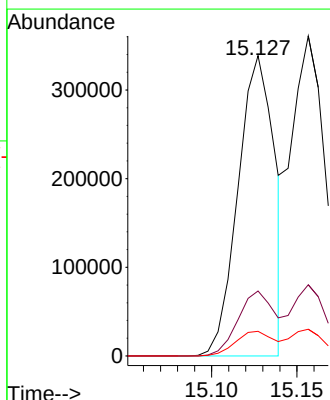
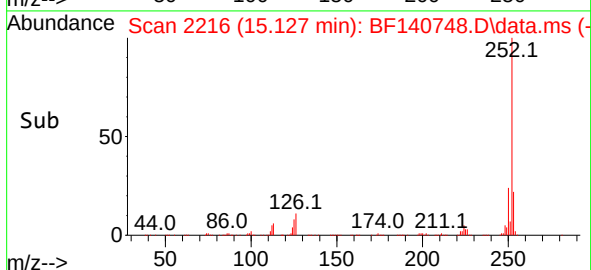
Supervised By :mohammad ahmed 12/07/2024

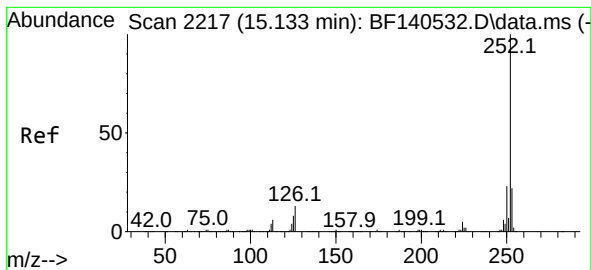


#88
Benzo(b)fluoranthene
Concen: 48.648 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.024 min
Lab File: BF140748.D
Acq: 05 Dec 2024 15:02



Tgt Ion:252 Resp: 504983
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 55.917 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

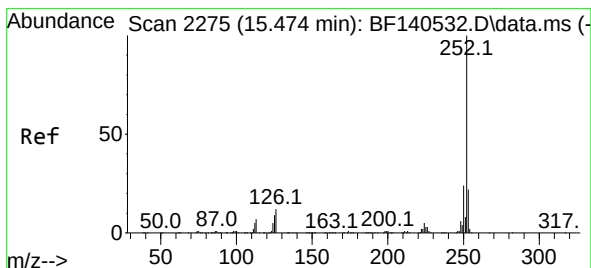
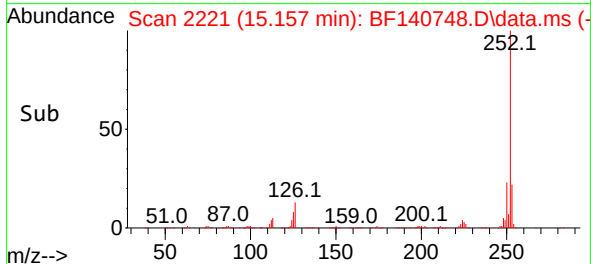
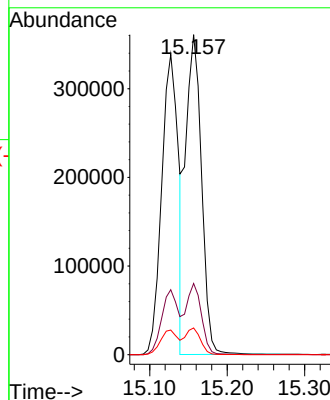
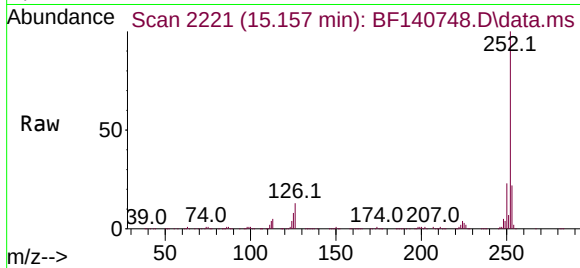
PB165383BS

Tgt Ion:252 Resp: 507934
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 8.4 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: 54.930 ng

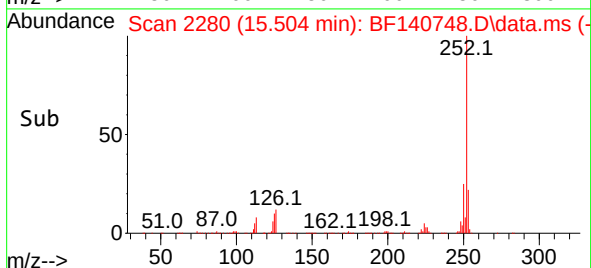
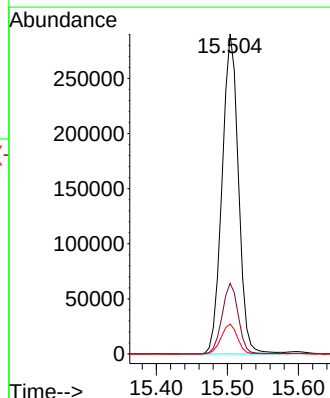
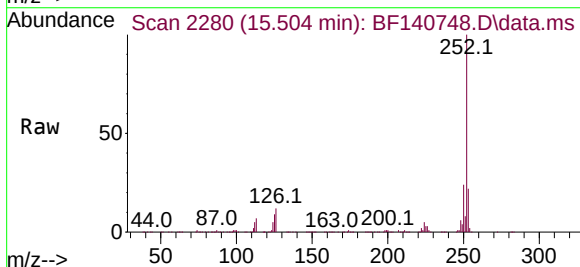
RT: 15.504 min Scan# 2280

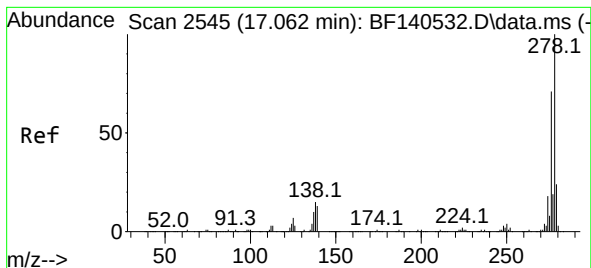
Delta R.T. 0.029 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Tgt Ion:252 Resp: 463606
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.3 25.9
 125 9.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 50.869 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Instrument :

BNA_F

ClientSampleId :

PB165383BS

Tgt Ion:278 Resp: 44867

Ion Ratio Lower Upper

278 100

139 12.9 10.2 15.4

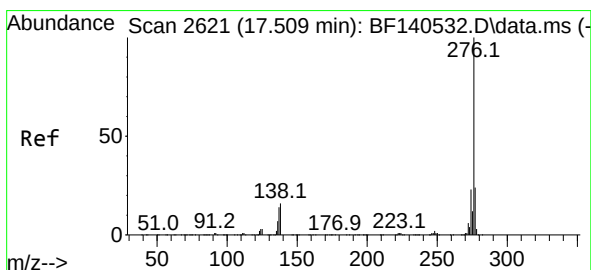
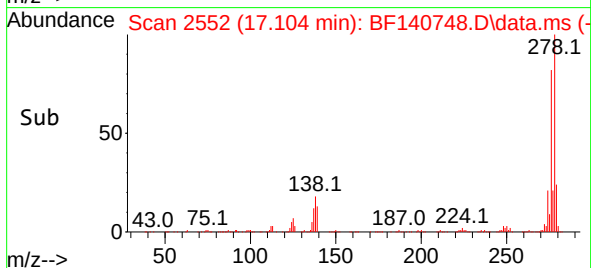
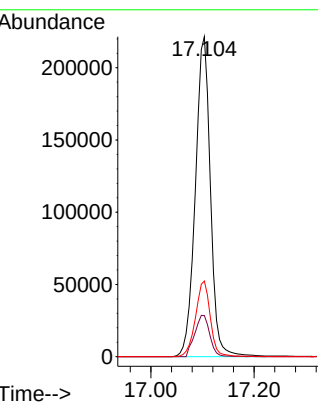
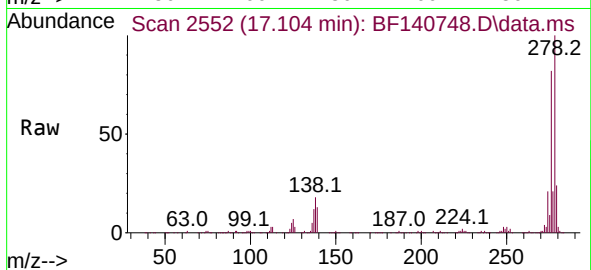
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2024

Supervised By :mohammad ahmed 12/07/2024



#92

Benzo(g,h,i)perylene

Concen: 45.783 ng

RT: 17.551 min Scan# 2628

Delta R.T. 0.041 min

Lab File: BF140748.D

Acq: 05 Dec 2024 15:02

Tgt Ion:276 Resp: 412062

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 17.0 13.2 19.8

