

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140322.D
 Acq On : 11 Nov 2024 17:32
 Operator : RC/JU
 Sample : PB164848BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164848BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 12 00:44:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 00:05:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	143737	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	548092	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	305048	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	567727	20.000	ng	0.00
76) Chrysene-d12	14.062	240	350730	20.000	ng	0.00
86) Perylene-d12	15.580	264	291643	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1072035	128.855	ng	0.02
7) Phenol-d6	6.504	99	1419234	128.378	ng	0.00
23) Nitrobenzene-d5	7.439	82	939780	89.013	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	389575	131.454	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1683154	87.113	ng	0.00
79) Terphenyl-d14	12.992	244	1842365	90.074	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	150996	40.356	ng	99
3) Pyridine	3.516	79	392414	43.521	ng	99
4) n-Nitrosodimethylamine	3.469	42	218885	46.275	ng	100
6) Aniline	6.539	93	373603	38.304	ng	96
8) 2-Chlorophenol	6.663	128	428375	48.498	ng	99
9) Benzaldehyde	6.428	77	60122	9.101	ng	99
10) Phenol	6.522	94	541662	46.190	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	419896	46.723	ng	99
12) 1,3-Dichlorobenzene	6.816	146	439131	44.101	ng	99
13) 1,4-Dichlorobenzene	6.892	146	445889	44.416	ng	99
14) 1,2-Dichlorobenzene	7.045	146	429446	46.283	ng	98
15) Benzyl Alcohol	7.016	79	399698	48.894	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	596968	48.535	ng	96
17) 2-Methylphenol	7.128	107	345732	47.699	ng	98
18) Hexachloroethane	7.386	117	169365	45.017	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	311782	46.308	ng	98
20) 3+4-Methylphenols	7.281	107	423763	46.667	ng	# 86
22) Acetophenone	7.286	105	568756	44.677	ng	# 95
24) Nitrobenzene	7.457	77	482556	43.666	ng	99
25) Isophorone	7.692	82	855875	46.539	ng	100
26) 2-Nitrophenol	7.775	139	225438	47.689	ng	96
27) 2,4-Dimethylphenol	7.804	122	349832	56.618	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	516097	45.858	ng	100
29) 2,4-Dichlorophenol	8.016	162	356027	46.928	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	369100	43.146	ng	99
31) Naphthalene	8.180	128	1229241	44.745	ng	99
32) Benzoic acid	7.928	122	240616	45.162	ng	100
33) 4-Chloroaniline	8.228	127	238517	25.099	ng	99
34) Hexachlorobutadiene	8.292	225	239686	43.483	ng	99
35) Caprolactam	8.598	113	114614m	46.535	ng	
36) 4-Chloro-3-methylphenol	8.710	107	394411	47.156	ng	100
37) 2-Methylnaphthalene	8.869	142	806167	46.111	ng	99
38) 1-Methylnaphthalene	8.969	142	750920	43.989	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	372354	43.523	ng	98
41) Hexachlorocyclopentadiene	9.022	237	392614	184.347	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	265194	47.523	ng	99

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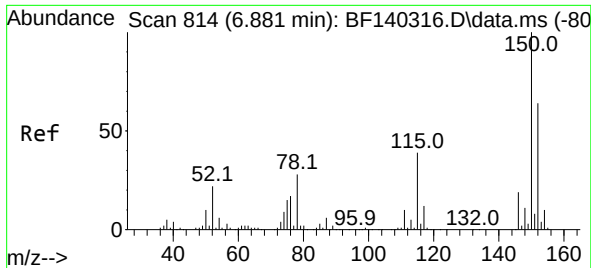
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	272470	45.074	ng	98
46) 1,1'-Biphenyl	9.333	154	996570	44.552	ng	100
47) 2-Chloronaphthalene	9.357	162	747739	43.685	ng	99
48) 2-Nitroaniline	9.457	65	268203	47.291	ng	98
49) Acenaphthylene	9.780	152	1238788	48.160	ng	100
50) Dimethylphthalate	9.639	163	912131	46.044	ng	100
51) 2,6-Dinitrotoluene	9.698	165	199707	44.802	ng	98
52) Acenaphthene	9.951	154	869434	49.907	ng	100
53) 3-Nitroaniline	9.869	138	123877	26.265	ng	96
54) 2,4-Dinitrophenol	9.980	184	212214	94.095	ng	96
55) Dibenzofuran	10.122	168	1125367	46.265	ng	100
56) 4-Nitrophenol	10.033	139	330633	98.227	ng	96
57) 2,4-Dinitrotoluene	10.104	165	274078	46.691	ng	98
58) Fluorene	10.463	166	867392	45.393	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	232814	48.411	ng	99
60) Diethylphthalate	10.339	149	919792	45.588	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	422614	44.433	ng	99
62) 4-Nitroaniline	10.486	138	205438	43.520	ng	99
63) Azobenzene	10.616	77	927390	46.039	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	142523	47.976	ng	97
66) n-Nitrosodiphenylamine	10.574	169	780825	47.166	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	255911	44.988	ng	98
68) Hexachlorobenzene	11.016	284	291789	45.799	ng	99
69) Atrazine	11.104	200	257549	62.451	ng	100
70) Pentachlorophenol	11.210	266	320628	89.988	ng	98
71) Phenanthrene	11.433	178	1249485	46.834	ng	100
72) Anthracene	11.480	178	1277842	48.992	ng	100
73) Carbazole	11.633	167	1182361	46.291	ng	100
74) Di-n-butylphthalate	11.963	149	1443728	47.230	ng	99
75) Fluoranthene	12.621	202	1366137	46.769	ng	99
77) Benzidine	12.739	184	302037	24.576	ng	100
78) Pyrene	12.851	202	1383030	44.791	ng	100
80) Butylbenzylphthalate	13.463	149	582423	49.563	ng	98
81) Benzo(a)anthracene	14.051	228	1117955	48.686	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	238211	32.394	ng	100
83) Chrysene	14.092	228	959223	45.641	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	785242	50.211	ng	99
85) Di-n-octyl phthalate	14.680	149	1204576	52.362	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	882132	49.056	ng	100
88) Benzo(b)fluoranthene	15.139	252	875571	47.700	ng	99
89) Benzo(k)fluoranthene	15.174	252	771209	49.968	ng	99
90) Benzo(a)pyrene	15.515	252	758083	51.141	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	723812	48.983	ng	100
92) Benzo(g,h,i)perylene	17.545	276	674425	44.215	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. -0.006 min
 Lab File: BF140322.D
 Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

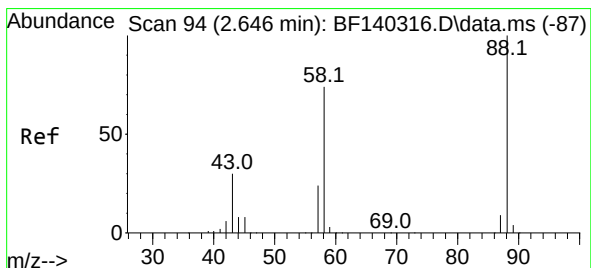
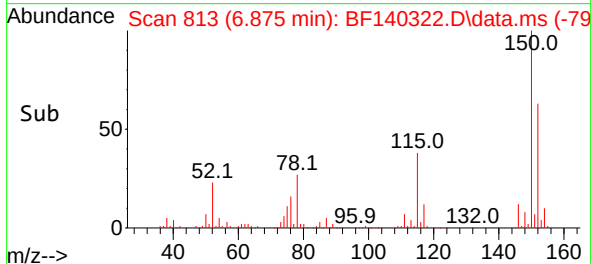
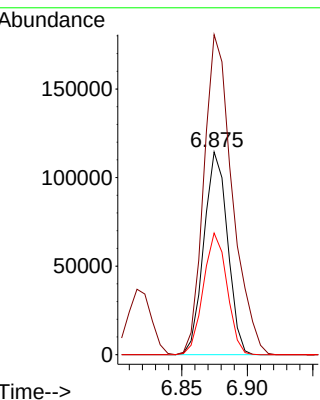
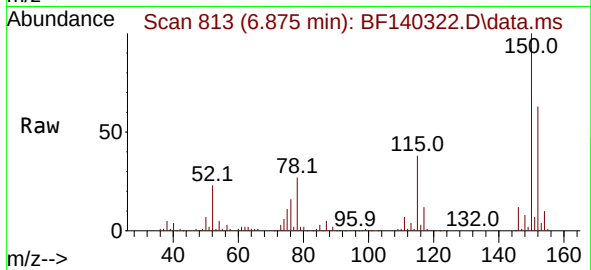
ClientSampleId :

PB164848BS

Tgt Ion:152 Resp: 14373
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.1 190.7
 115 60.0 49.4 74.0

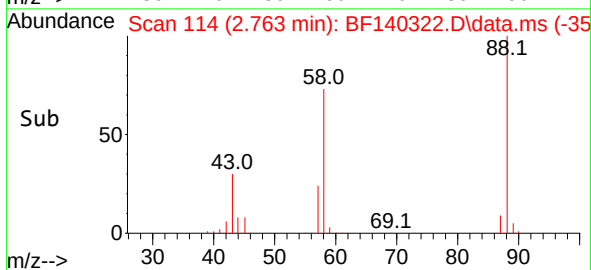
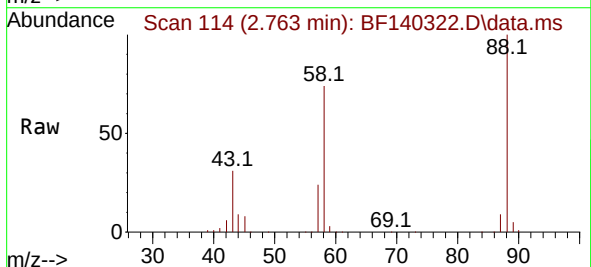
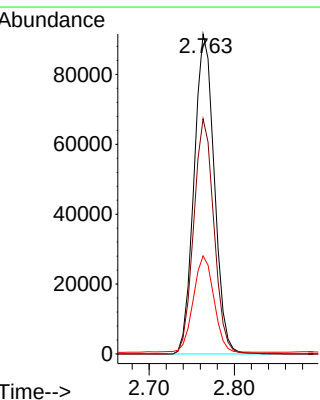
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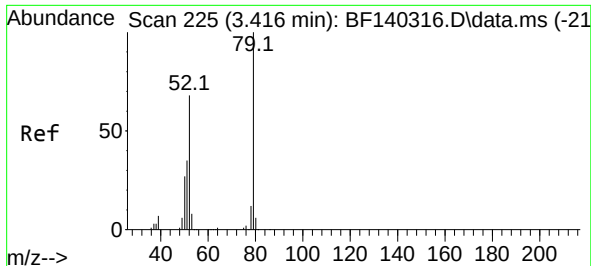
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024



#2
 1,4-Dioxane
 Concen: 40.356 ng
 RT: 2.763 min Scan# 114
 Delta R.T. 0.118 min
 Lab File: BF140322.D
 Acq: 11 Nov 2024 17:32

Tgt Ion: 88 Resp: 150996
 Ion Ratio Lower Upper
 88 100
 58 73.5 58.6 87.8
 43 30.9 24.2 36.2





#3

Pyridine

Concen: 43.521 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.100 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

Tgt Ion: 79 Resp: 392414

Ion Ratio Lower Upper

79 100

52 68.2 54.6 81.8

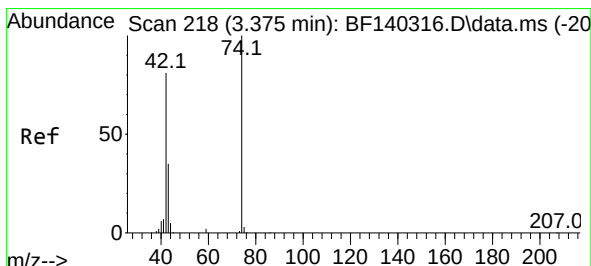
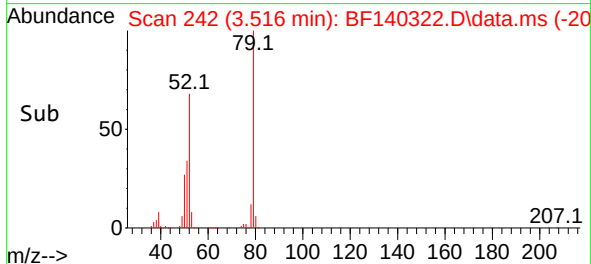
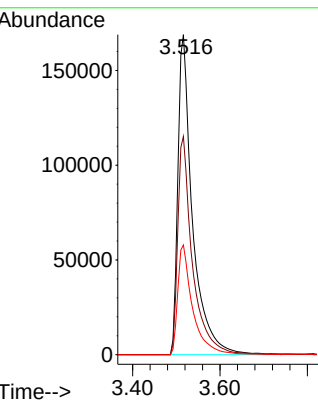
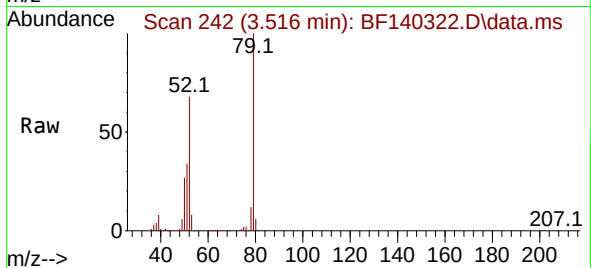
51 34.3 28.2 42.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 46.275 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.094 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

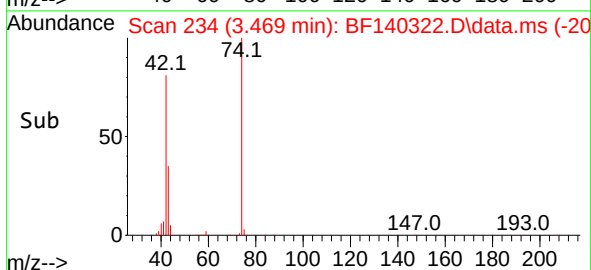
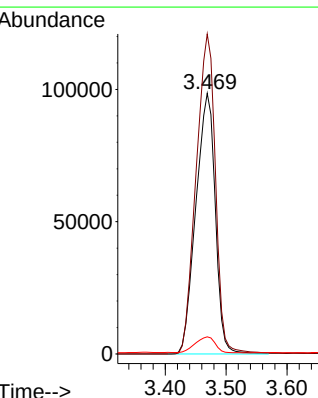
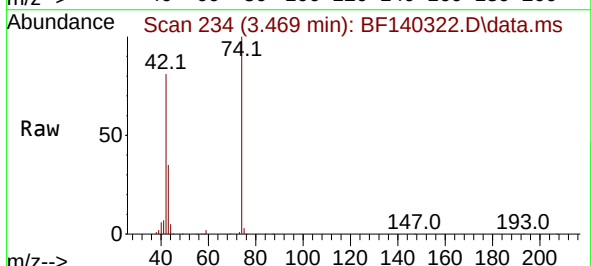
Tgt Ion: 42 Resp: 218885

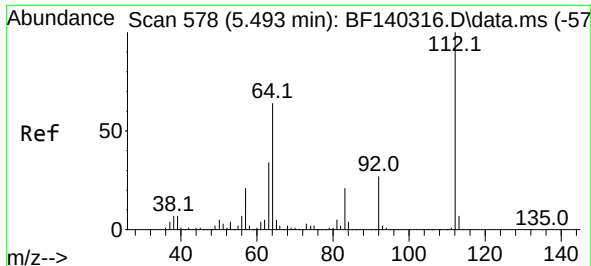
Ion Ratio Lower Upper

42 100

74 122.8 98.5 147.7

44 6.6 4.9 7.3





#5
2-Fluorophenol
Concen: 128.855 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

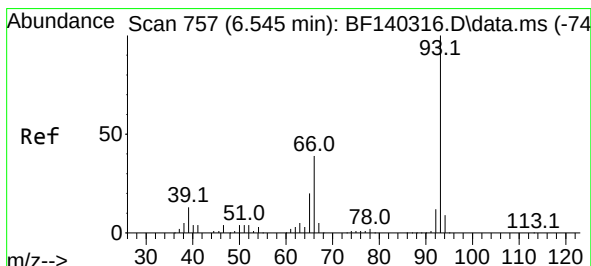
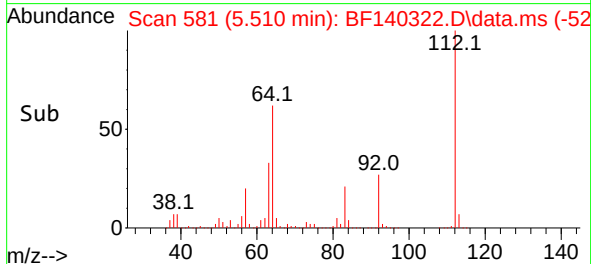
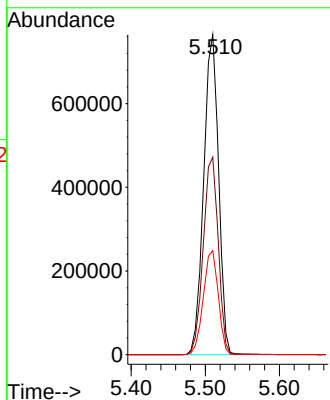
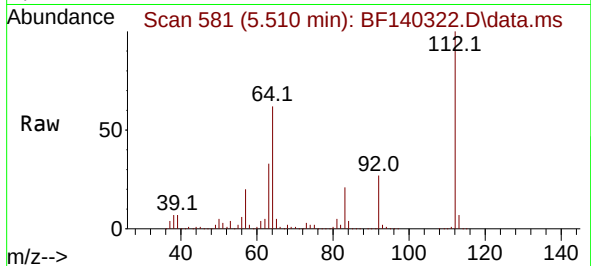
ClientSampleId :

PB164848BS

Tgt Ion:112 Resp: 107203
Ion Ratio Lower Upper
112 100
64 61.7 51.0 76.6
63 32.5 26.9 40.3

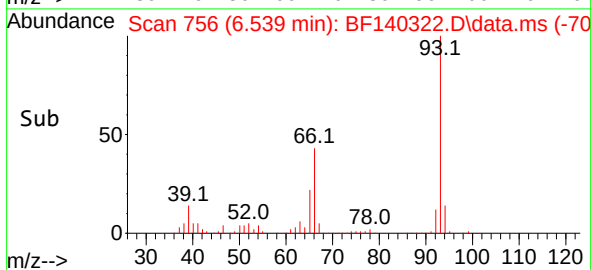
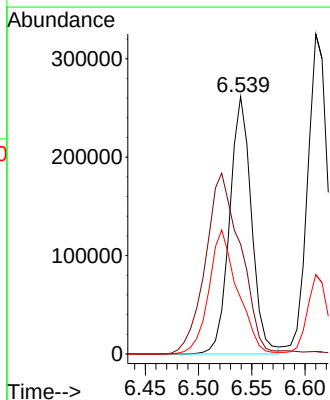
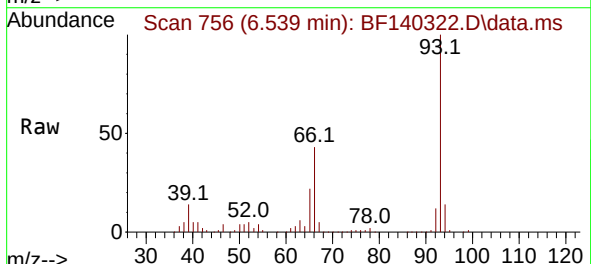
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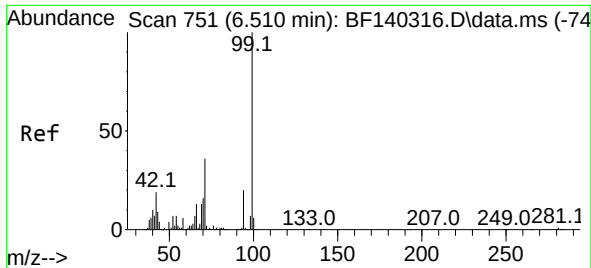
Reviewed By :Yogesh Patel 11/12/2024
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#6
Aniline
Concen: 38.304 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion: 93 Resp: 373603
Ion Ratio Lower Upper
93 100
66 42.6 31.9 47.9
65 21.8 15.9 23.9





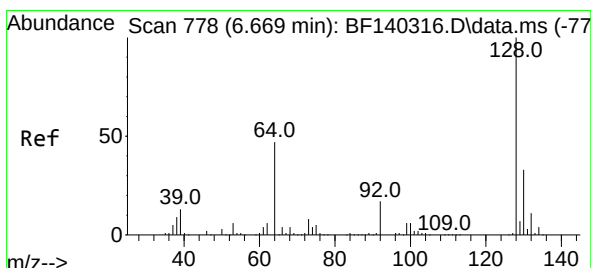
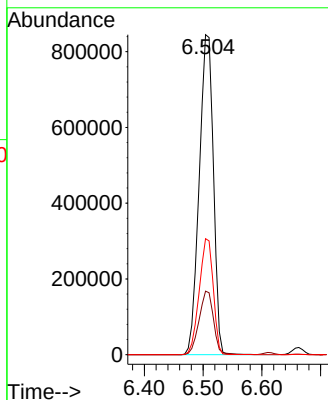
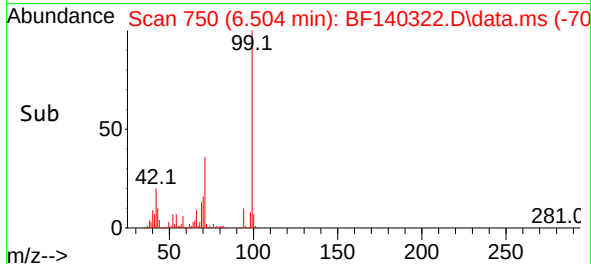
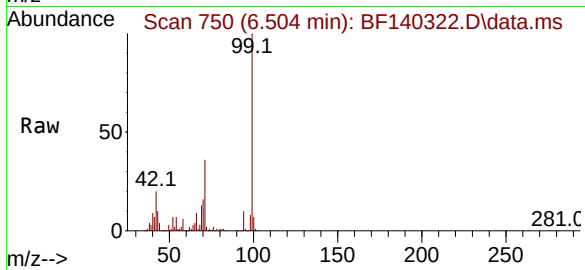
#7
Phenol-d6
Concen: 128.378 ng
RT: 6.504 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :
BNA_F
ClientSampleId :
PB164848BS

Tgt Ion: 99 Resp: 1419234
Ion Ratio Lower Upper
99 100
42 19.8 15.5 23.3
71 36.2 28.8 43.2

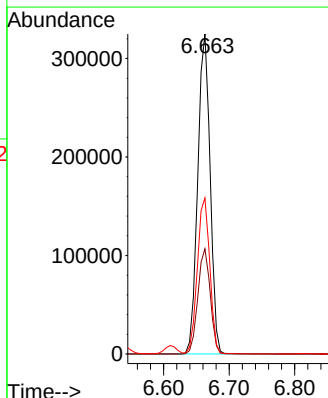
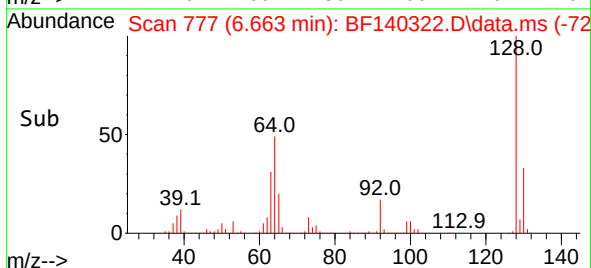
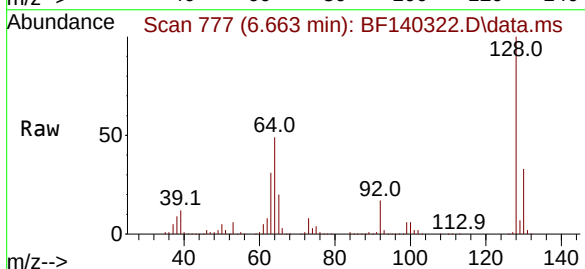
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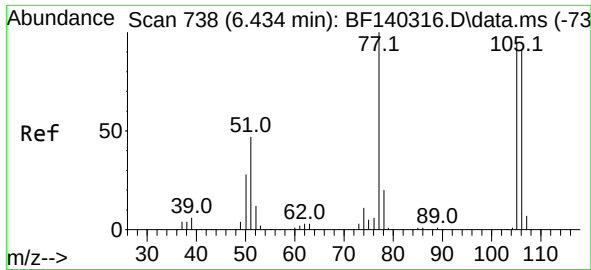
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#8
2-Chlorophenol
Concen: 48.498 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:128 Resp: 428375
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 48.8 29.4 69.4





#9

Benzaldehyde

Concen: 9.101 ng

RT: 6.428 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

Tgt Ion: 77 Resp: 6012

Ion Ratio Lower Upper

77 100

105 95.4 74.8 114.8

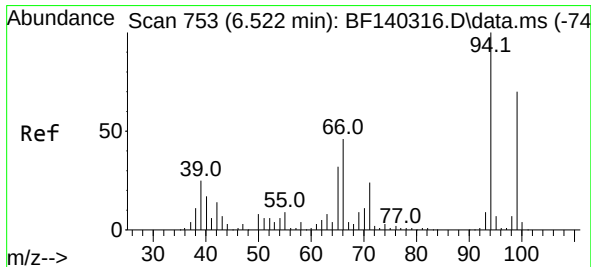
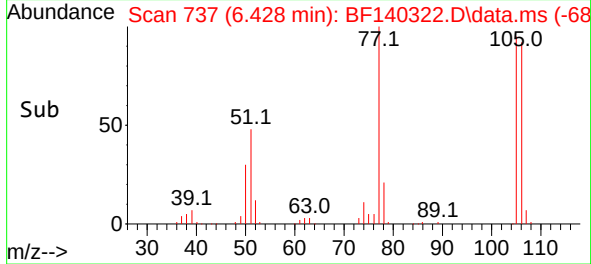
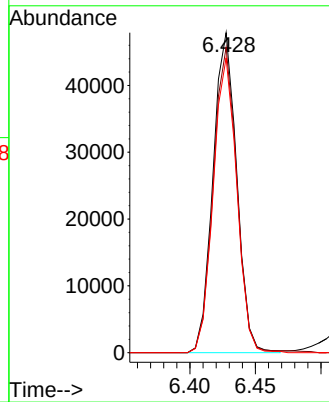
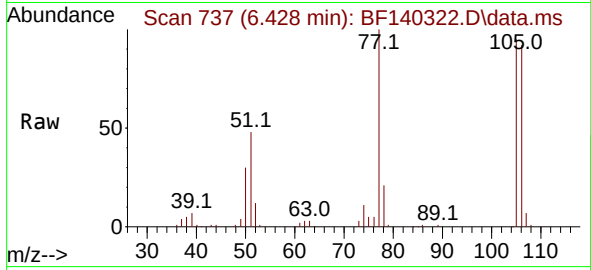
106 92.1 70.8 110.8

Manual Integrations

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#10

Phenol

Concen: 46.190 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

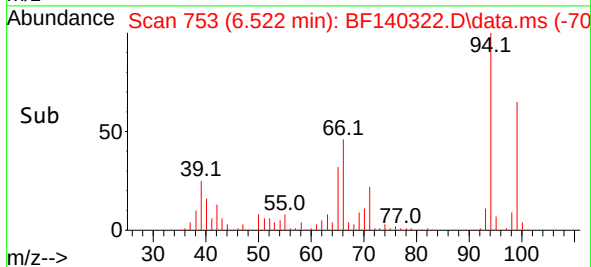
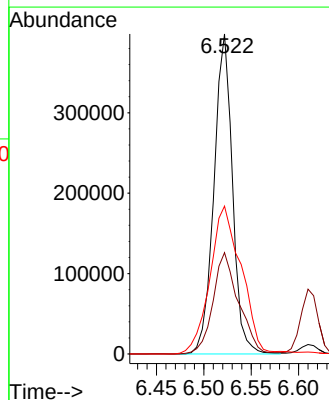
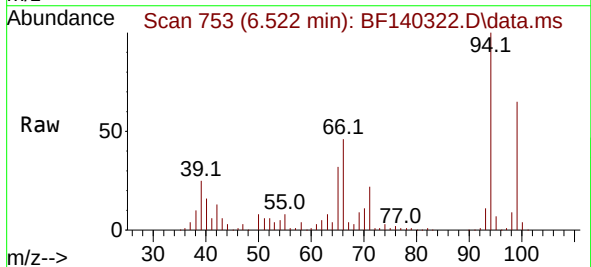
Tgt Ion: 94 Resp: 541662

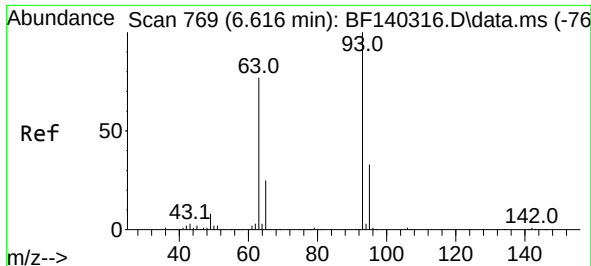
Ion Ratio Lower Upper

94 100

65 31.6 11.8 51.8

66 46.2 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 46.723 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

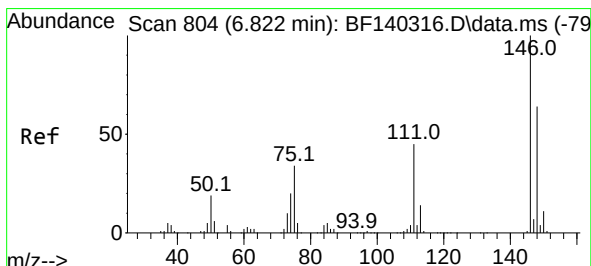
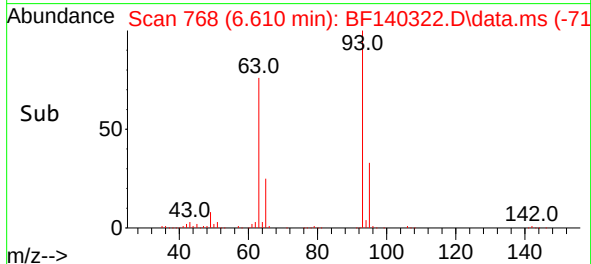
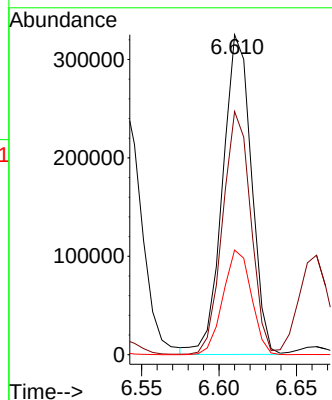
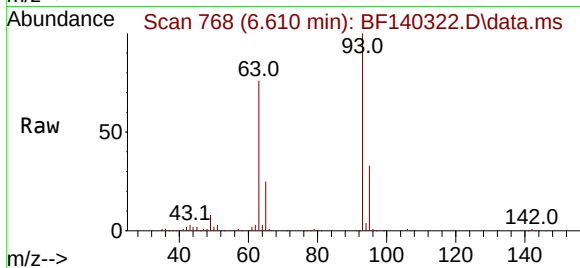
ClientSampleId :

PB164848BS

Tgt Ion: 93 Resp: 419890
Ion Ratio Lower Upper
93 100
63 76.0 55.5 95.5
95 32.7 12.2 52.2

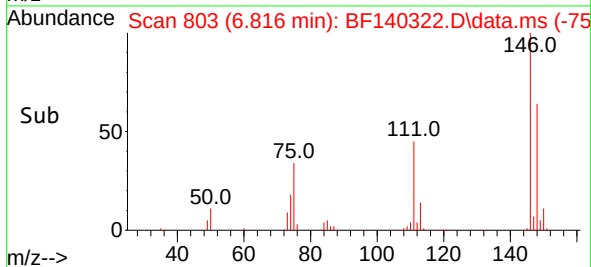
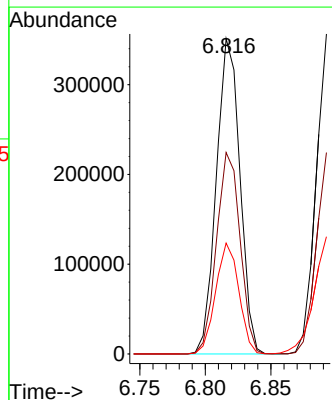
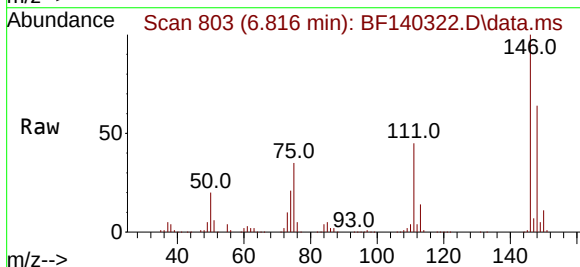
Manual Integrations
APPROVED

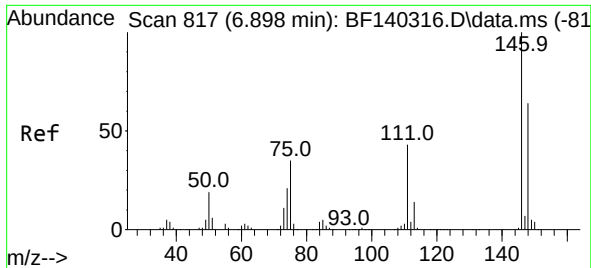
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#12
1,3-Dichlorobenzene
Concen: 44.101 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:146 Resp: 439131
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 35.2 27.5 41.3





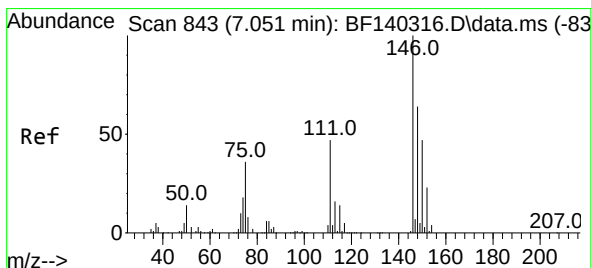
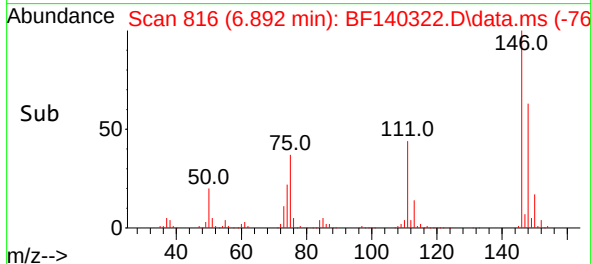
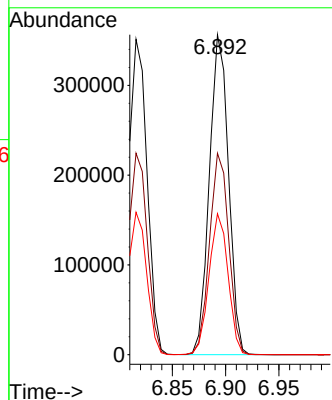
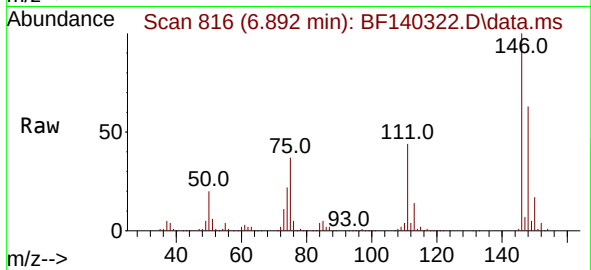
#13
1,4-Dichlorobenzene
Concen: 44.416 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :
BNA_F
ClientSampleId :
PB164848BS

Tgt Ion:146 Resp: 445889
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 44.1 34.6 52.0

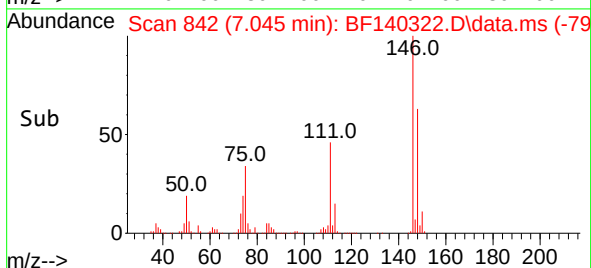
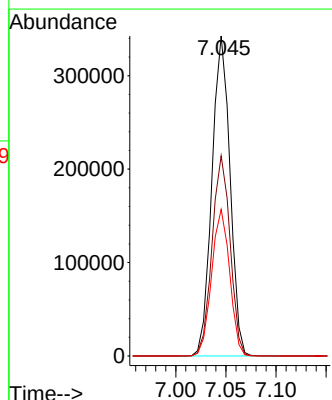
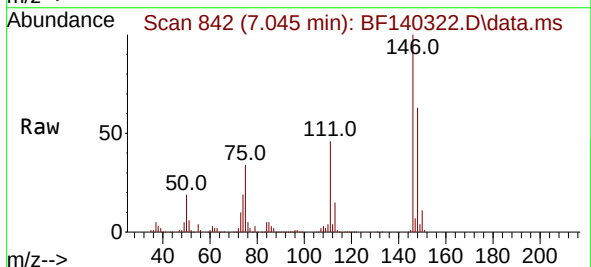
Manual Integrations
APPROVED

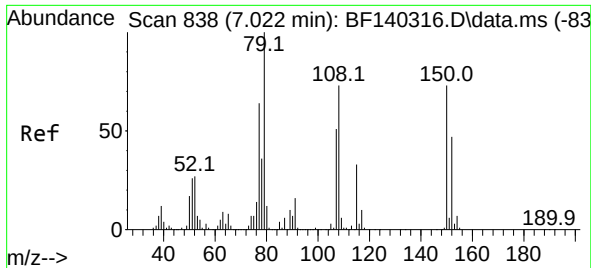
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#14
1,2-Dichlorobenzene
Concen: 46.283 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

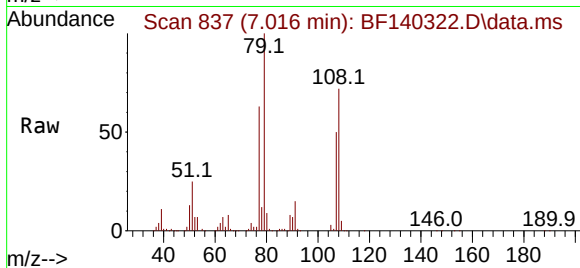
Tgt Ion:146 Resp: 429446
Ion Ratio Lower Upper
146 100
148 62.6 51.3 76.9
111 45.8 37.7 56.5





#15
Benzyl Alcohol
Concen: 48.894 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

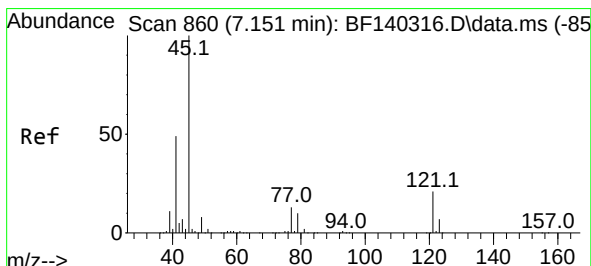
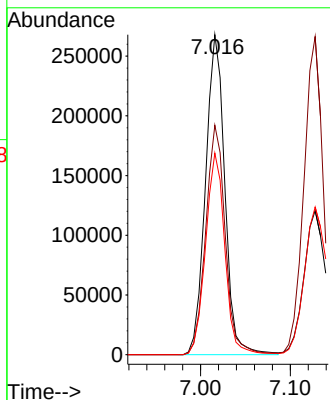
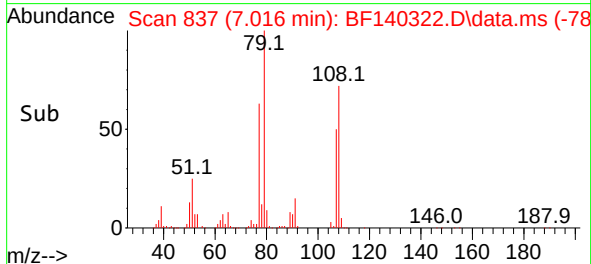
Instrument :
BNA_F
ClientSampleId :
PB164848BS



Tgt Ion: 79 Resp: 399698
Ion Ratio Lower Upper
79 100
108 71.7 58.2 87.4
77 63.0 51.0 76.6

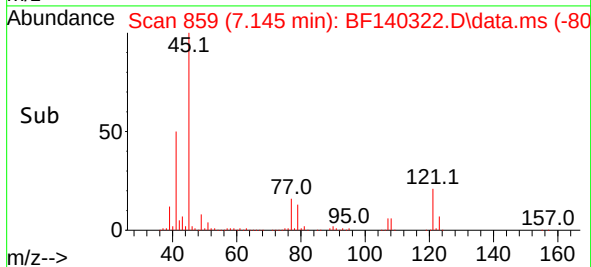
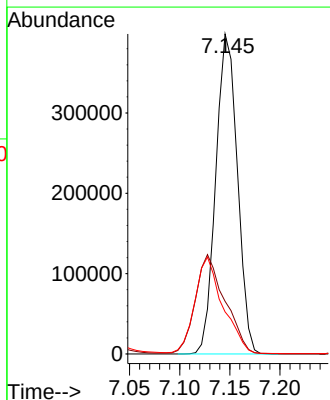
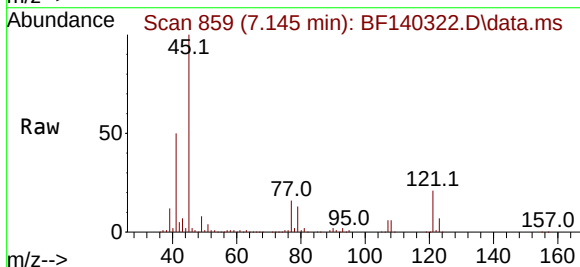
Manual Integrations
APPROVED

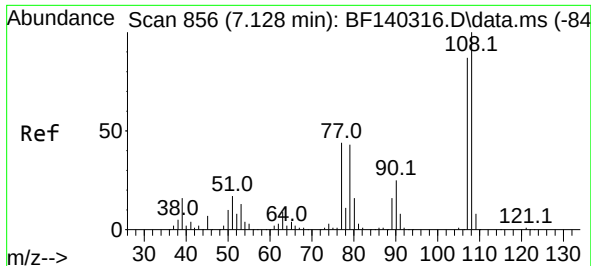
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.535 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion: 45 Resp: 596968
Ion Ratio Lower Upper
45 100
77 16.5 0.0 35.1
79 13.2 0.0 31.4





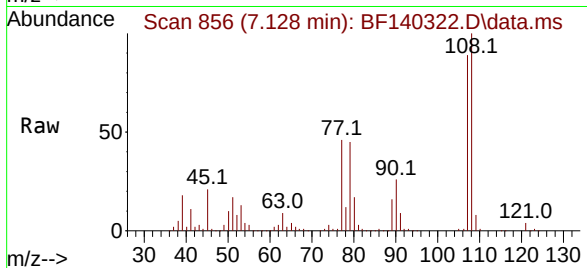
#17
2-Methylphenol
Concen: 47.699 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

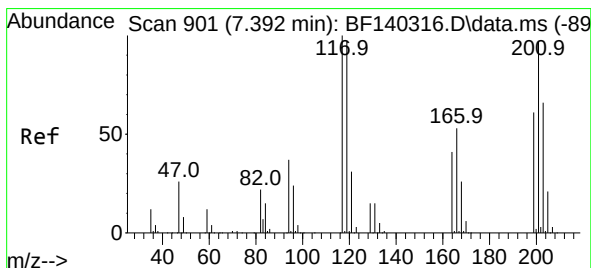
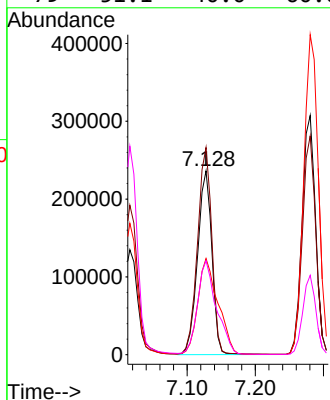
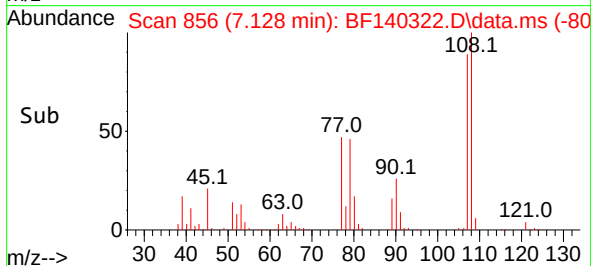


Tgt Ion:107 Resp: 34573
Ion Ratio Lower Upper
107 100
108 112.7 92.5 138.7
77 52.4 40.6 60.8
79 51.1 40.0 60.0

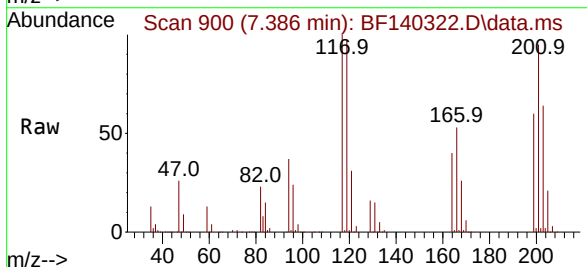
Manual Integrations

APPROVED

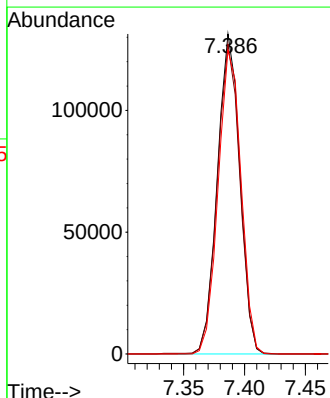
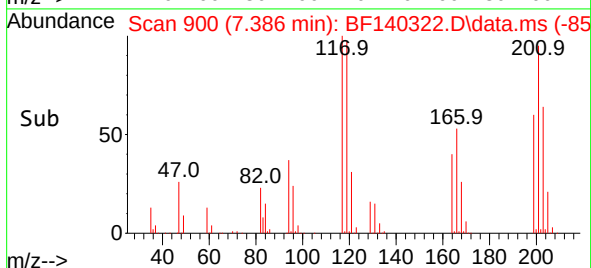
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024

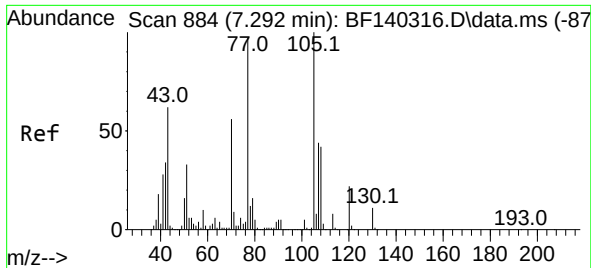


#18
Hexachloroethane
Concen: 45.017 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



Tgt Ion:117 Resp: 169365
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3
201 95.0 77.4 116.2





#19
n-Nitroso-di-n-propylamine
Concen: 46.308 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

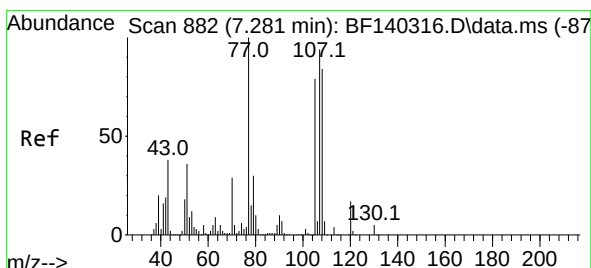
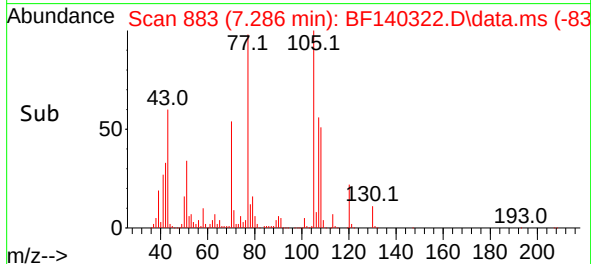
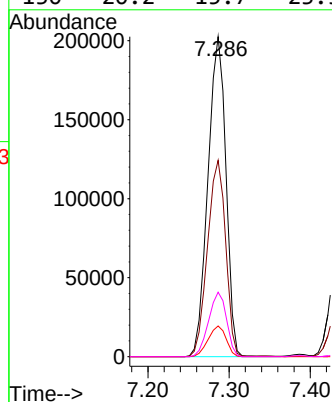
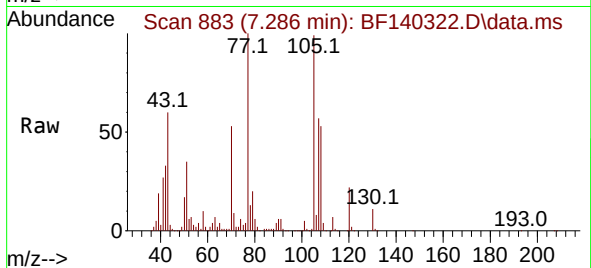
PB164848BS

Tgt Ion: 70 Resp: 31178
Ion Ratio Lower Upper
70 100
42 61.4 48.0 72.0
101 9.6 7.4 11.0
130 20.2 15.7 23.5

Manual Integrations

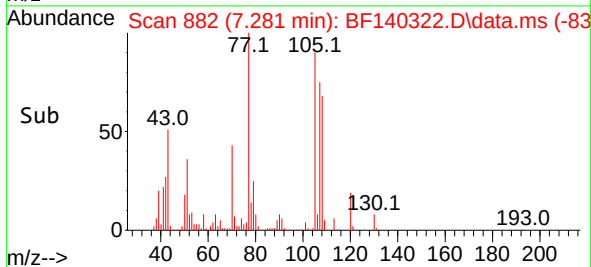
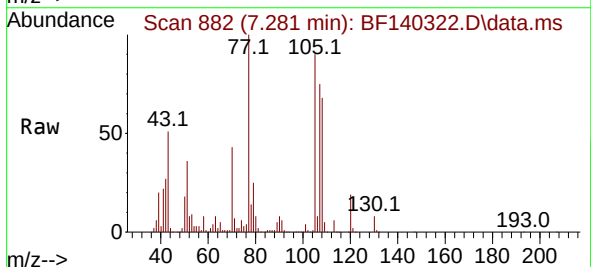
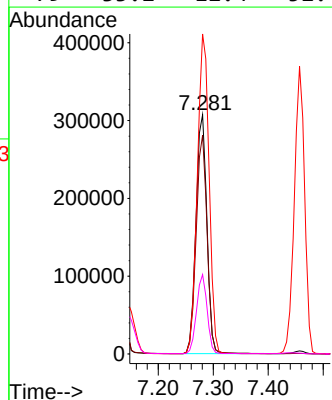
APPROVED

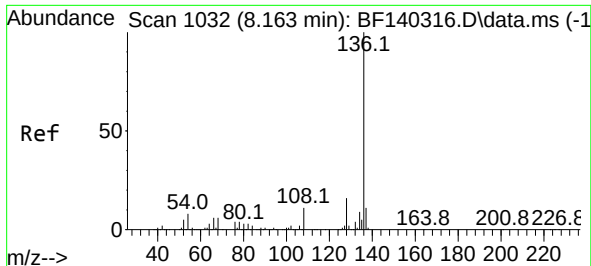
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#20
3+4-Methylphenols
Concen: 46.667 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:107 Resp: 423763
Ion Ratio Lower Upper
107 100
108 91.4 69.3 109.3
77 133.8 86.0 126.0#
79 33.2 12.4 52.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

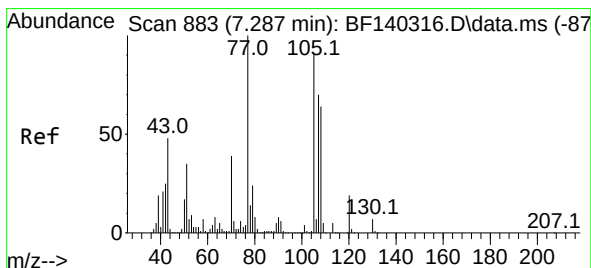
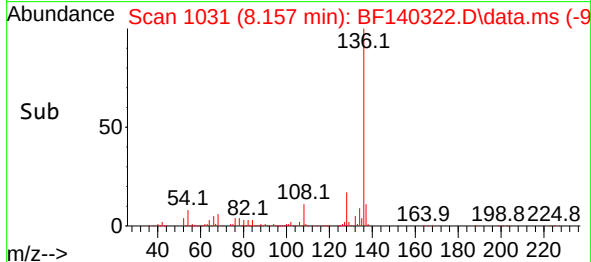
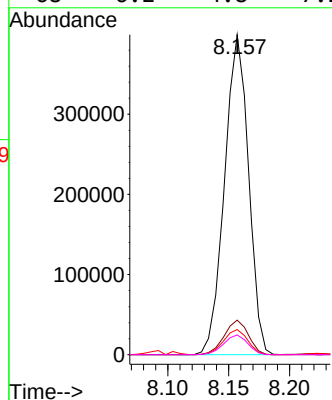
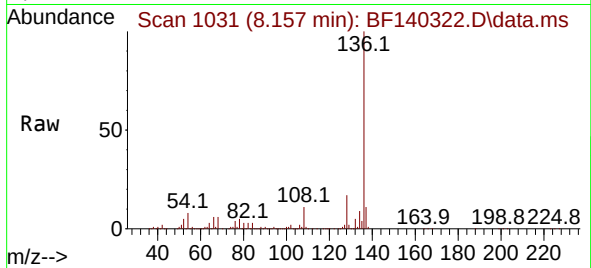
PB164848BS

Tgt Ion:136 Resp: 548092
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.9 6.2 9.2
68 6.2 4.8 7.2

Manual Integrations

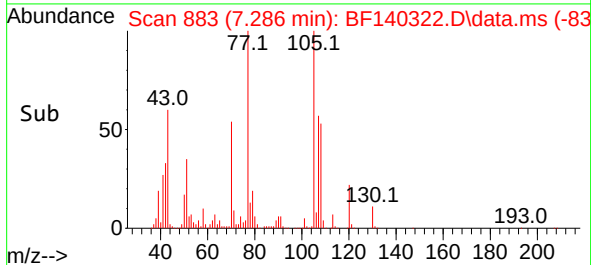
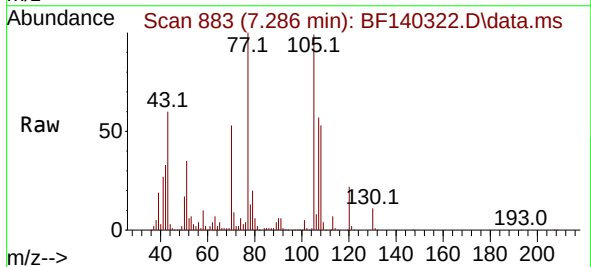
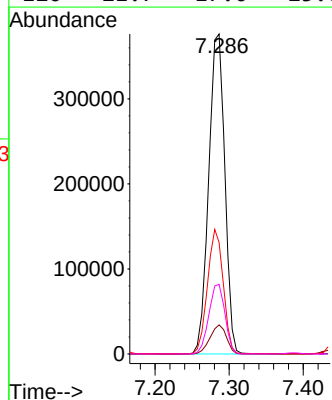
APPROVED

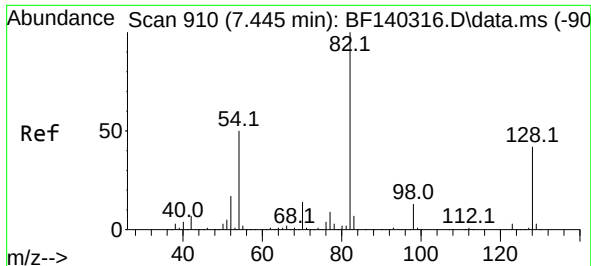
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#22
Acetophenone
Concen: 44.677 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:105 Resp: 568756
Ion Ratio Lower Upper
105 100
71 9.1 5.6 8.4#
51 34.8 31.0 46.6
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.013 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140322.D

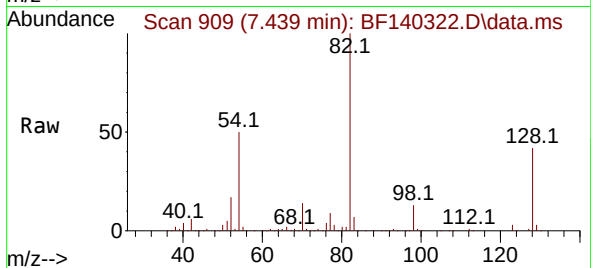
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



Tgt Ion: 82 Resp: 939780

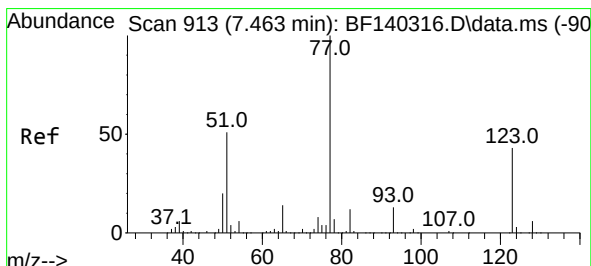
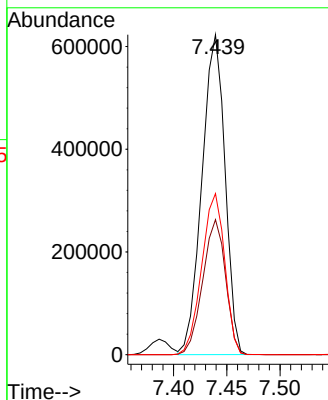
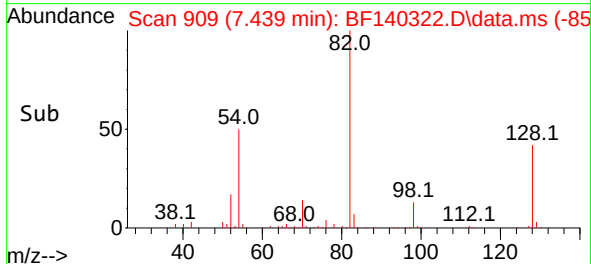
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.8	50.6
54	50.3	40.0	60.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#24

Nitrobenzene

Concen: 43.666 ng

RT: 7.457 min Scan# 912

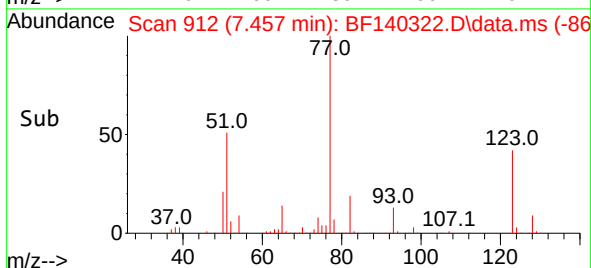
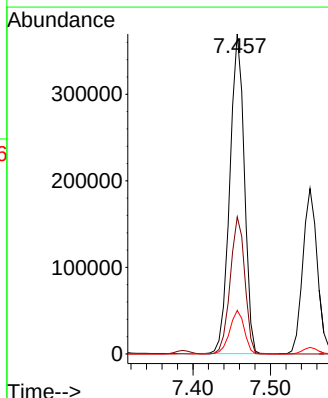
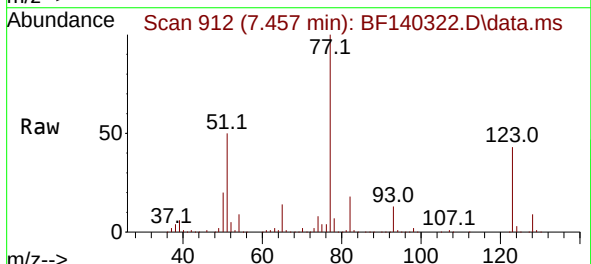
Delta R.T. -0.006 min

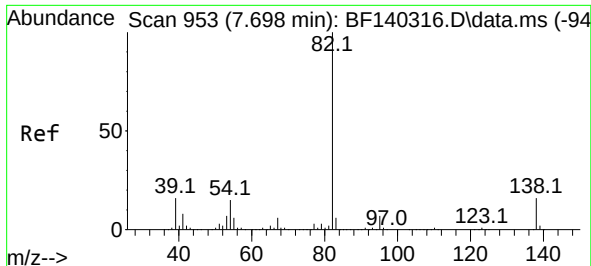
Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Tgt Ion: 77 Resp: 482556

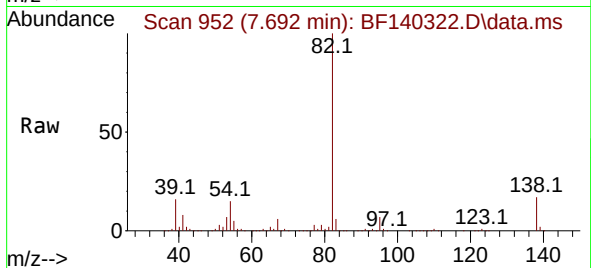
Ion	Ratio	Lower	Upper
77	100		
123	42.9	34.6	52.0
65	13.6	11.0	16.4





#25
Isophorone
Concen: 46.539 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

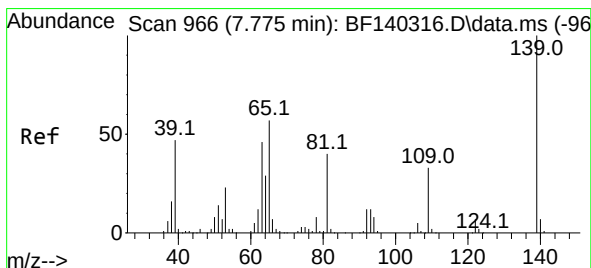
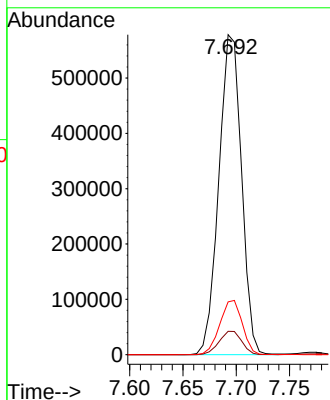
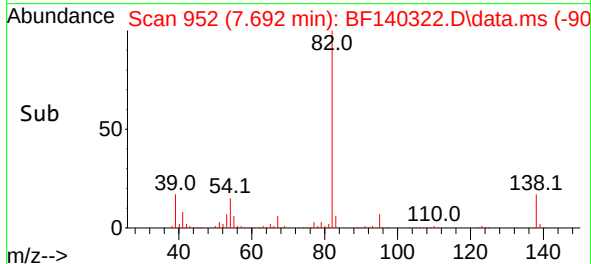
Instrument :
BNA_F
ClientSampleId :
PB164848BS



Tgt Ion: 82 Resp: 85587
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.5 13.2 19.8

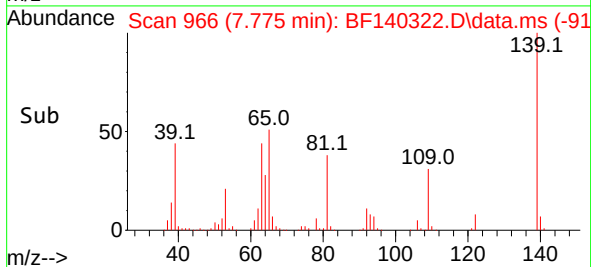
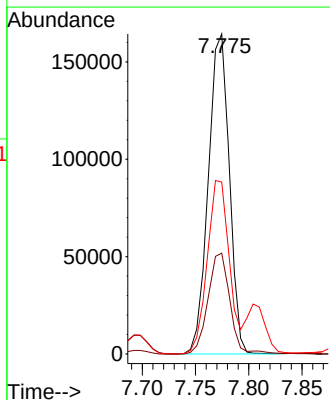
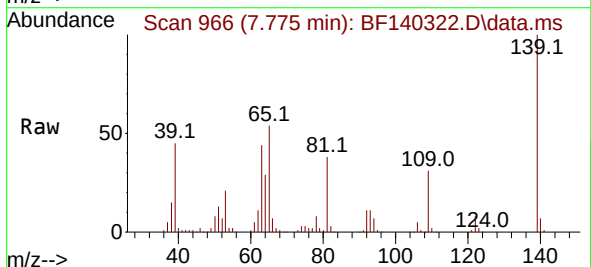
Manual Integrations
APPROVED

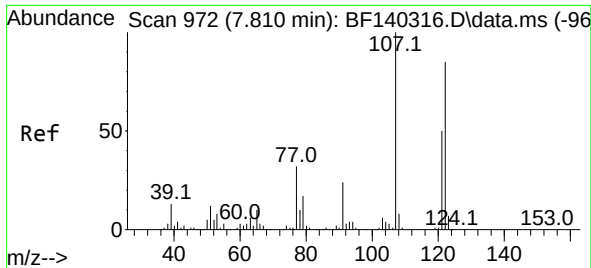
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#26
2-Nitrophenol
Concen: 47.689 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:139 Resp: 225438
Ion Ratio Lower Upper
139 100
109 31.5 26.0 39.0
65 53.7 45.8 68.8





#27
2,4-Dimethylphenol
Concen: 56.618 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

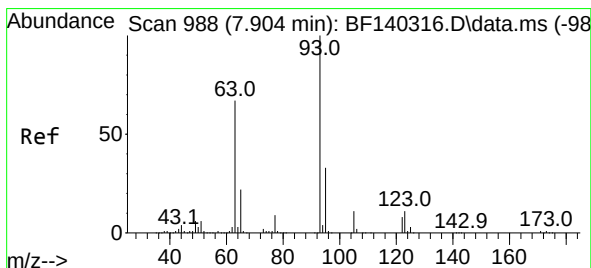
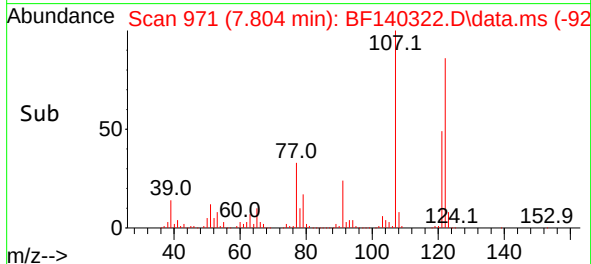
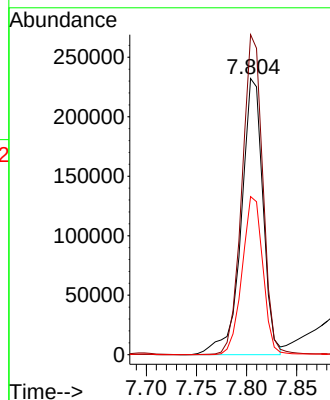
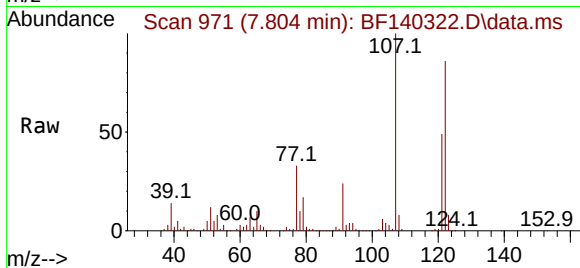
PB164848BS

Tgt Ion:122 Resp: 34983
Ion Ratio Lower Upper
122 100
107 115.9 94.0 141.0
121 57.2 47.1 70.7

Manual Integrations

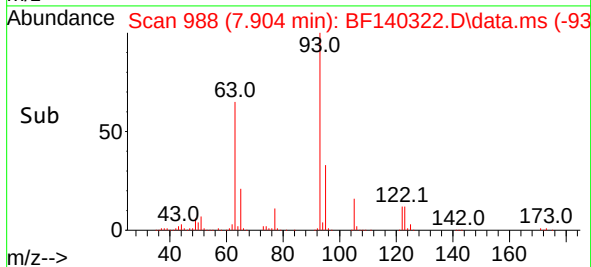
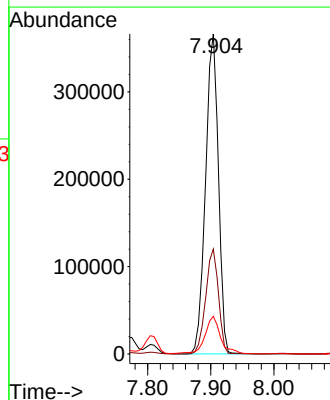
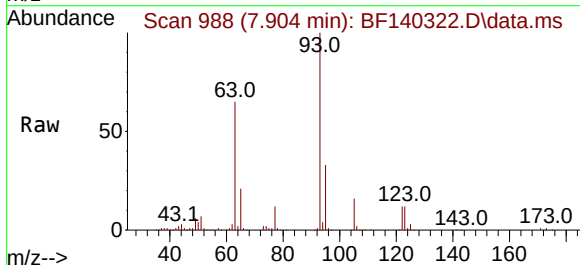
APPROVED

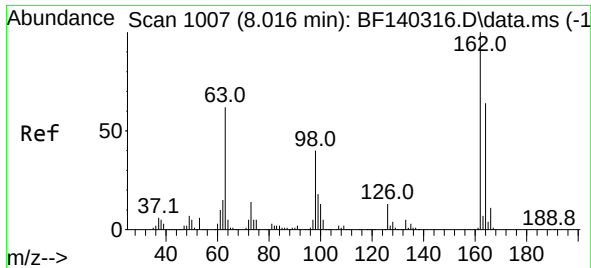
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.858 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion: 93 Resp: 516097
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.928 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

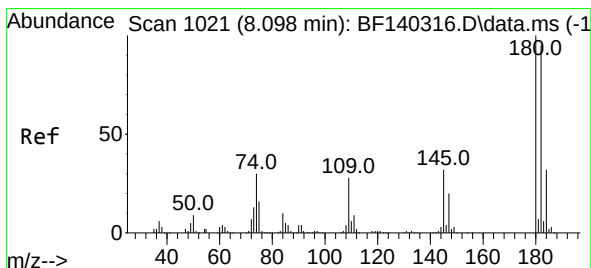
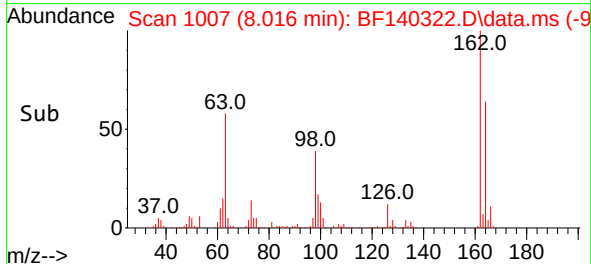
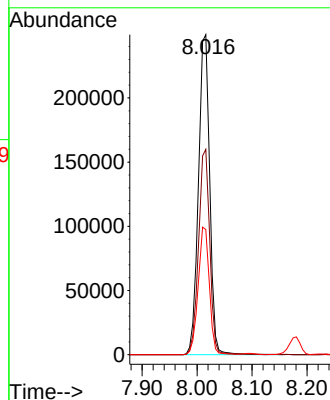
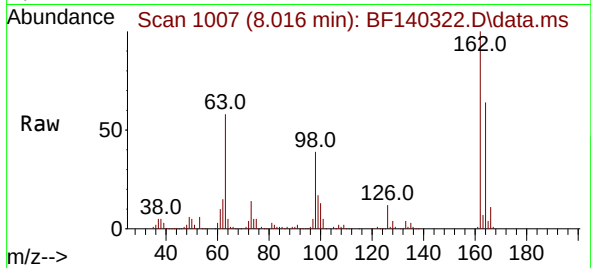
Tgt Ion:162 Resp: 35602
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.9 83.9
 98 39.1 20.2 60.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.146 ng

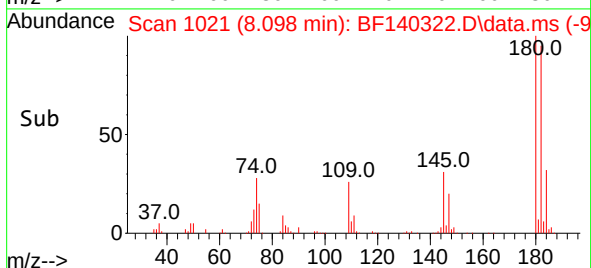
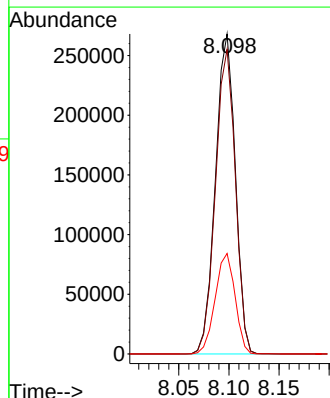
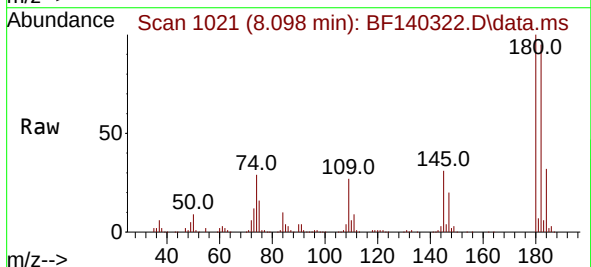
RT: 8.098 min Scan# 1021

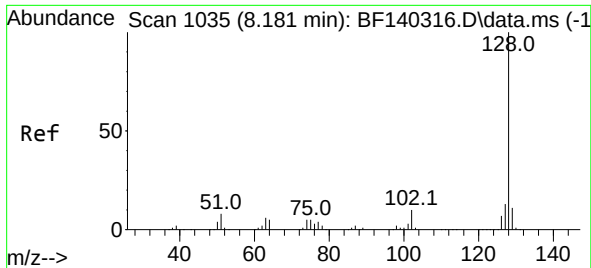
Delta R.T. -0.000 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Tgt Ion:180 Resp: 369100
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.6 113.4
 145 31.4 25.5 38.3





#31
Naphthalene
Concen: 44.745 ng
RT: 8.180 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

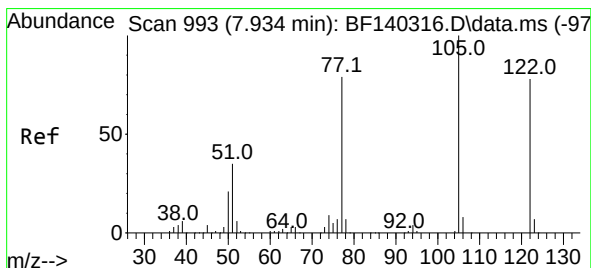
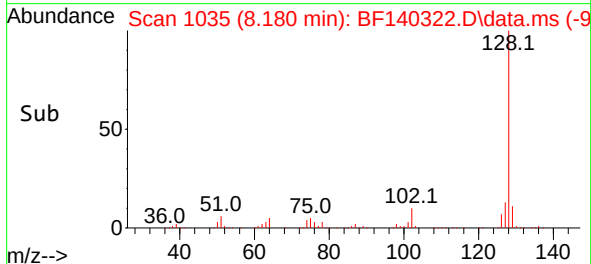
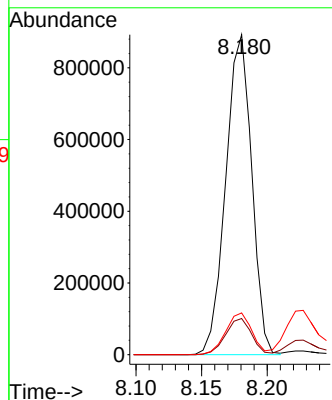
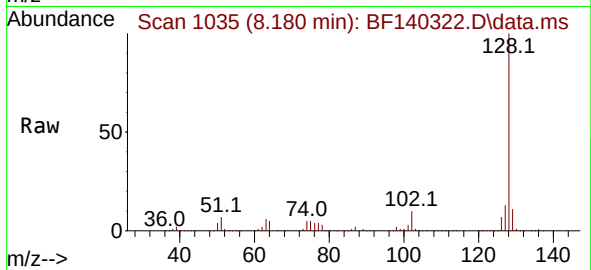
PB164848BS

Tgt Ion:128 Resp: 122924
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.1 10.7 16.1

Manual Integrations

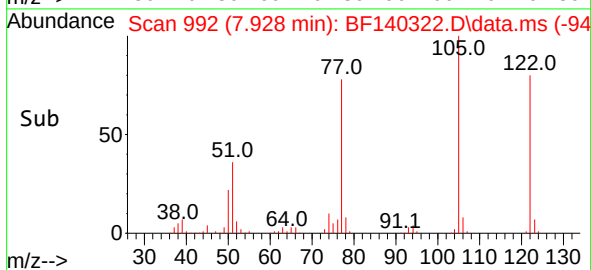
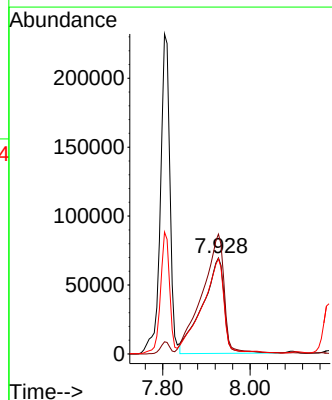
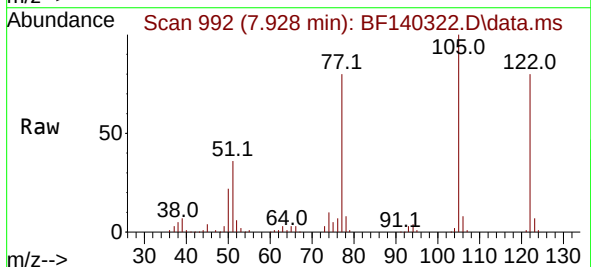
APPROVED

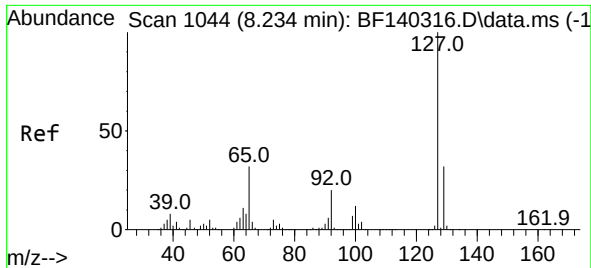
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#32
Benzoic acid
Concen: 45.162 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:122 Resp: 240616
Ion Ratio Lower Upper
122 100
105 124.8 104.3 144.3
77 99.4 79.3 119.3





#33
4-Chloroaniline
Concen: 25.099 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

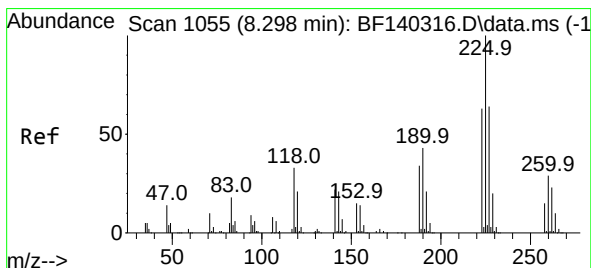
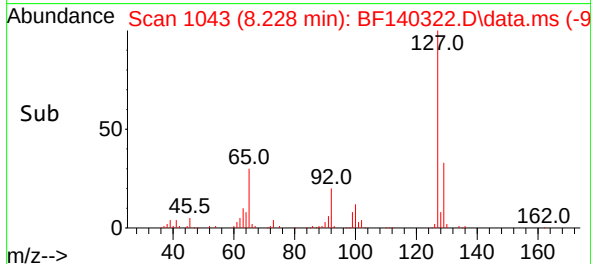
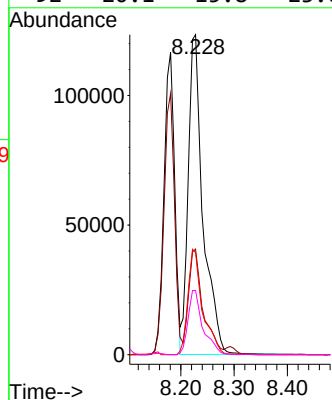
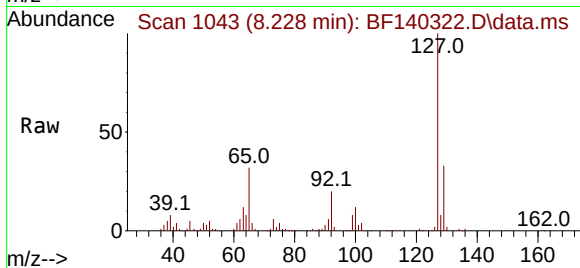
PB164848BS

Tgt Ion:127 Resp: 23851
Ion Ratio Lower Upper
127 100
129 33.0 25.6 38.4
65 31.8 25.6 38.4
92 20.1 15.8 23.6

Manual Integrations

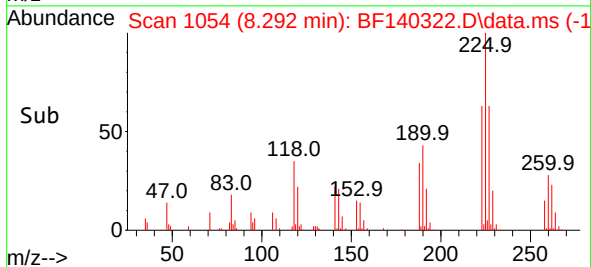
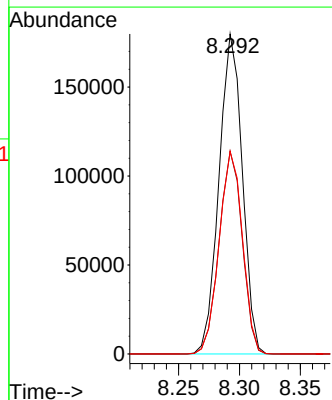
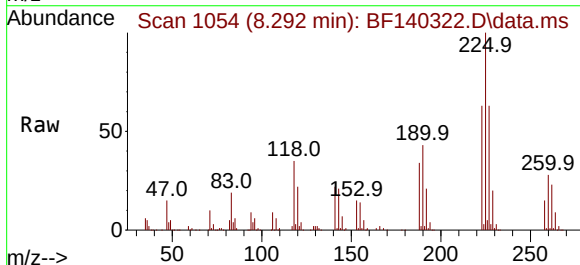
APPROVED

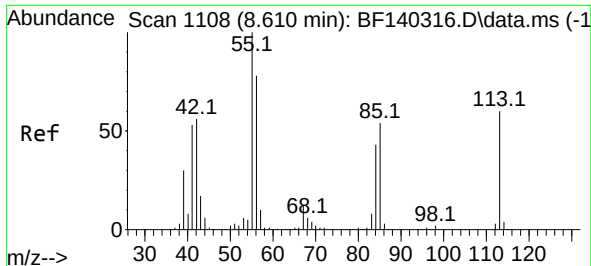
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#34
Hexachlorobutadiene
Concen: 43.483 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:225 Resp: 239686
Ion Ratio Lower Upper
225 100
223 63.3 50.0 75.0
227 63.2 51.5 77.3





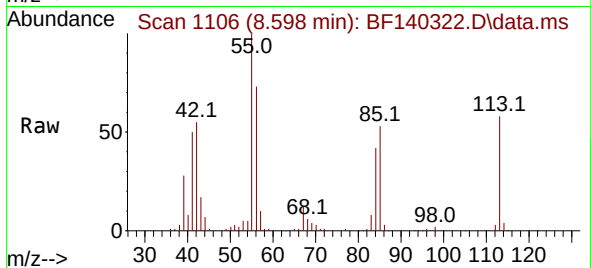
#35
Caprolactam
Concen: 46.535 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



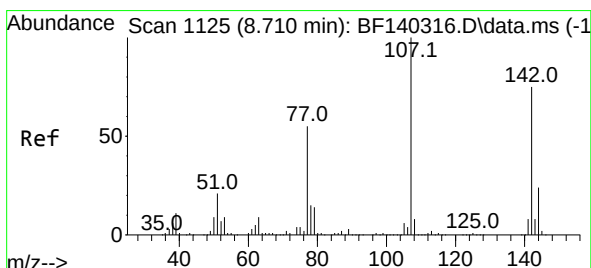
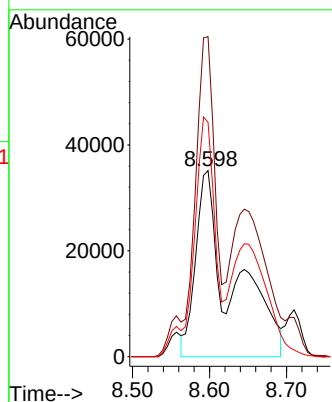
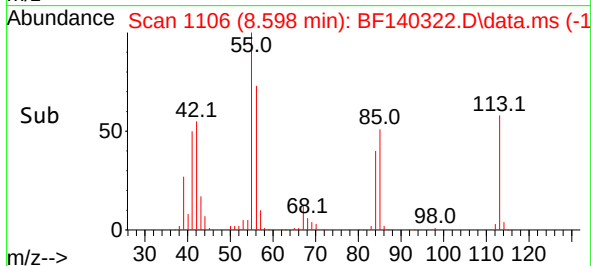
Tgt Ion:113 Resp: 114614
Ion Ratio Lower Upper
113 100
55 172.0 146.2 186.2
56 126.0 109.5 149.5

Manual Integrations

APPROVED

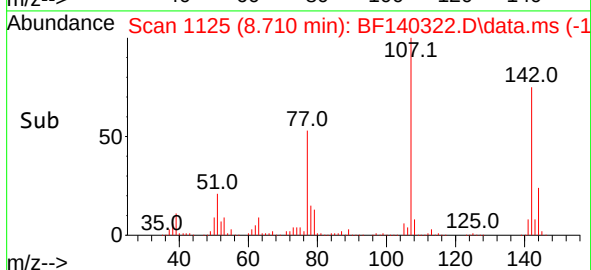
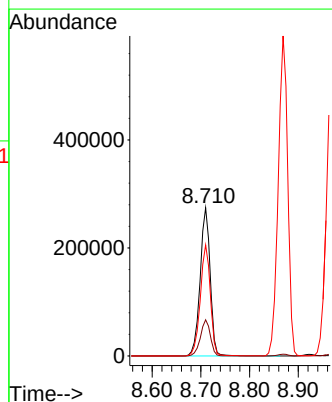
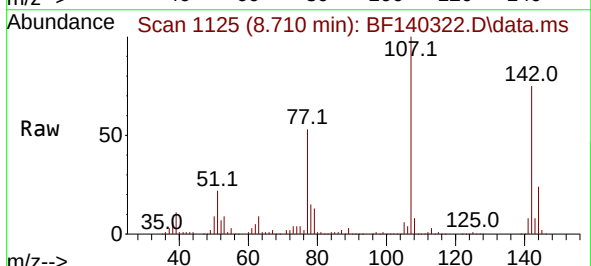
Reviewed By :Yogesh Patel 11/12/2024

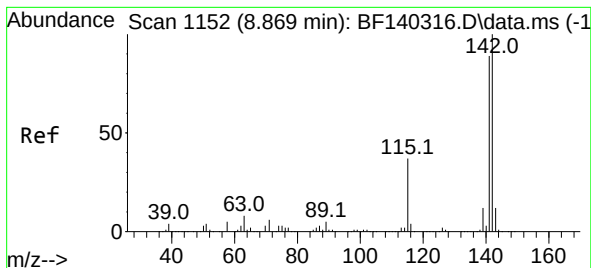
Supervised By :mohammad ahmed 11/13/2024



#36
4-Chloro-3-methylphenol
Concen: 47.156 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:107 Resp: 394411
Ion Ratio Lower Upper
107 100
144 24.4 19.6 29.4
142 74.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 46.111 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

Tgt Ion:142 Resp: 80616

Ion Ratio Lower Upper

142 100

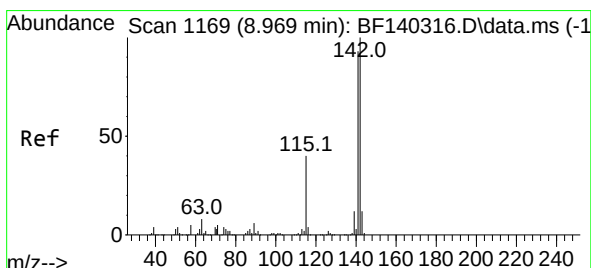
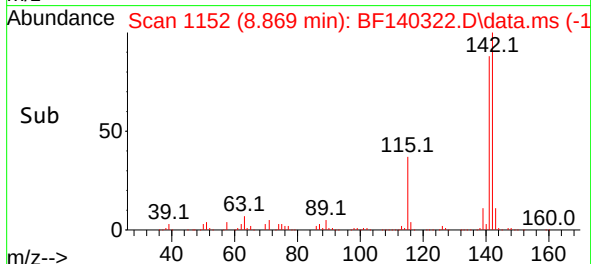
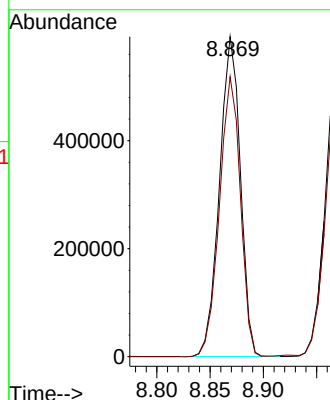
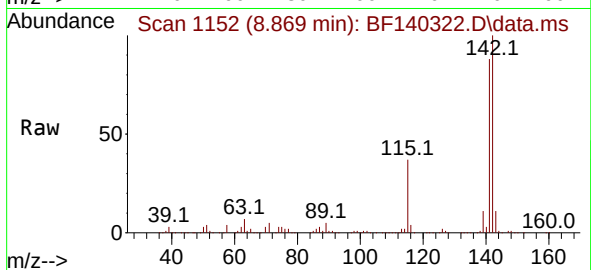
141 87.5 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#38

1-Methylnaphthalene

Concen: 43.989 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140322.D

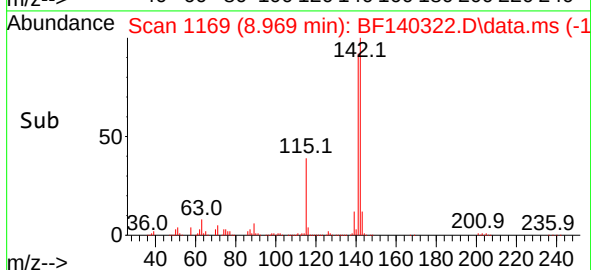
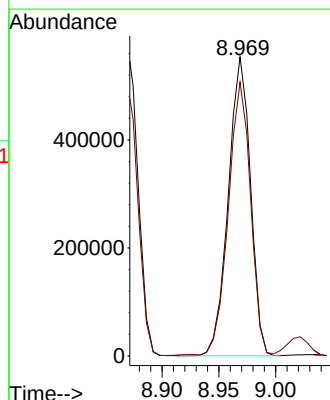
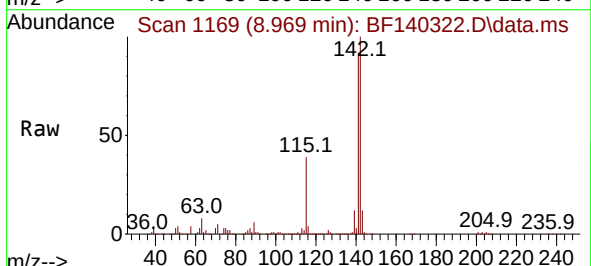
Acq: 11 Nov 2024 17:32

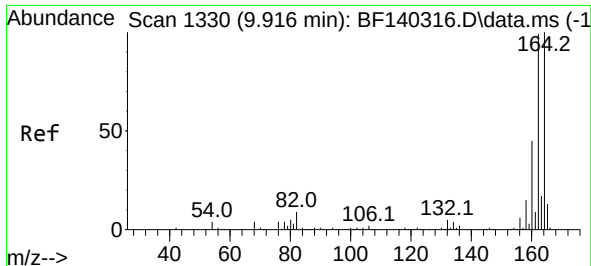
Tgt Ion:142 Resp: 750920

Ion Ratio Lower Upper

142 100

141 91.5 74.5 111.7





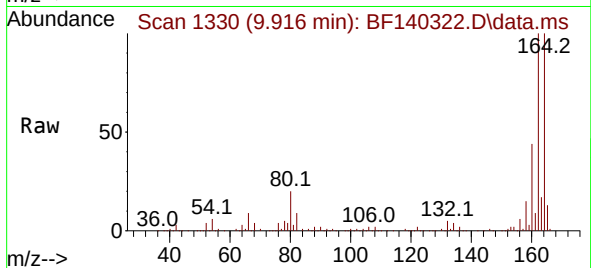
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



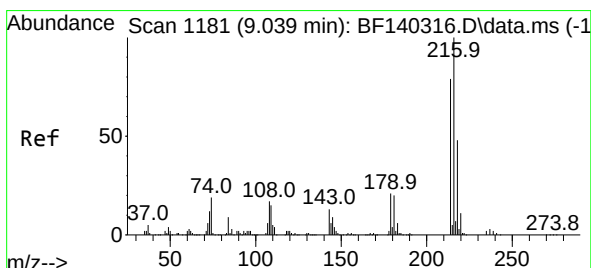
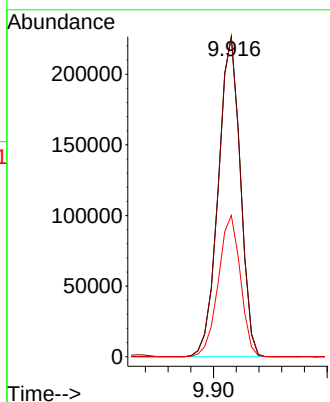
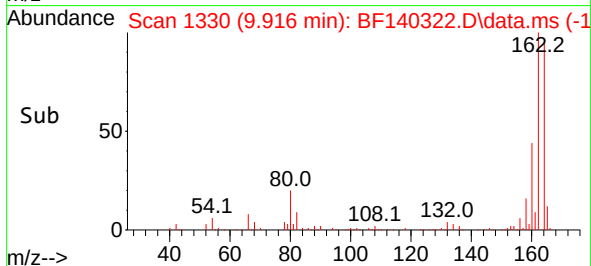
Tgt Ion:164 Resp: 305048
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.0
160 44.2 35.6 53.4

Manual Integrations

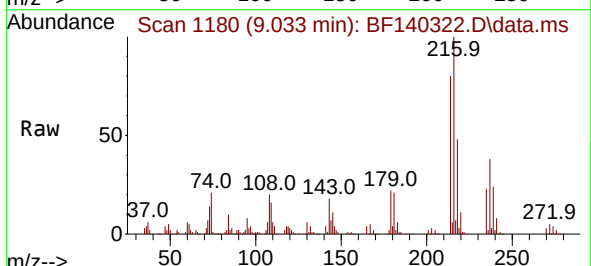
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

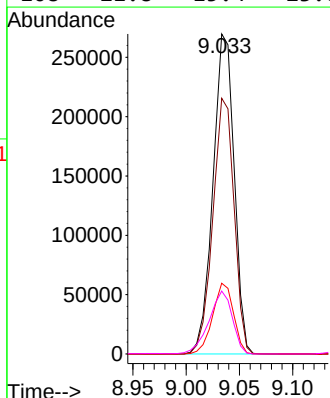
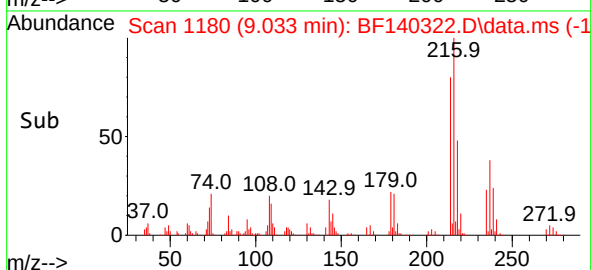
Supervised By :mohammad ahmed 11/13/2024

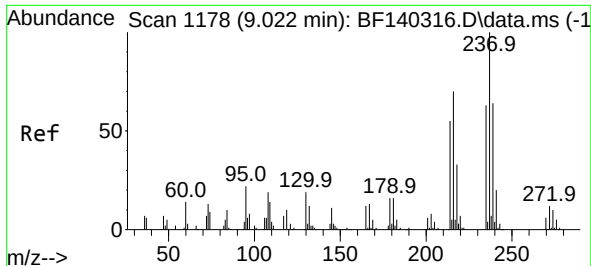


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.523 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



Tgt Ion:216 Resp: 372354
Ion Ratio Lower Upper
216 100
214 80.1 62.8 94.2
179 21.8 17.2 25.8
108 21.8 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 184.347 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

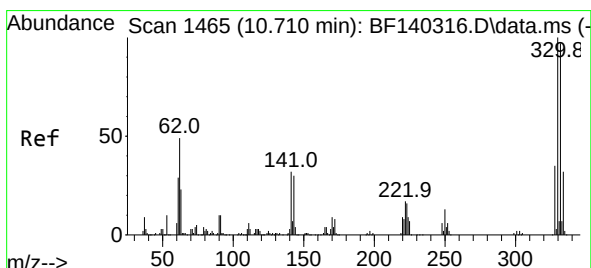
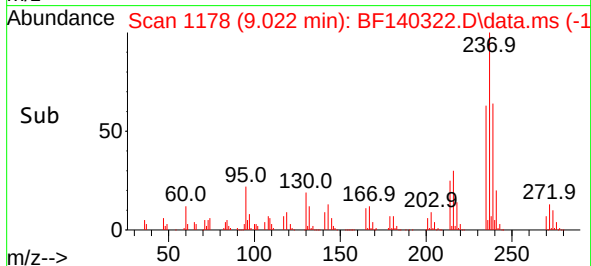
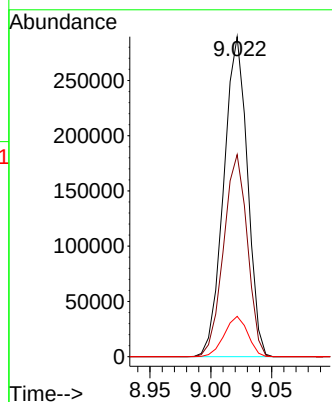
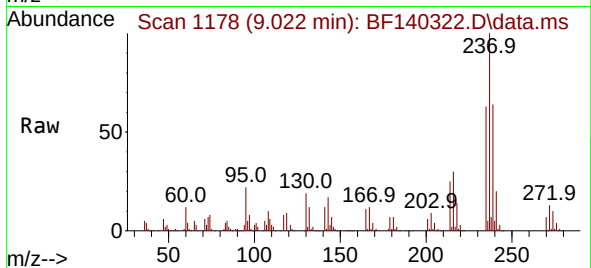
PB164848BS

Tgt Ion:237 Resp: 392614
Ion Ratio Lower Upper
237 100
235 63.1 42.6 82.6
272 12.6 0.0 32.2

Manual Integrations

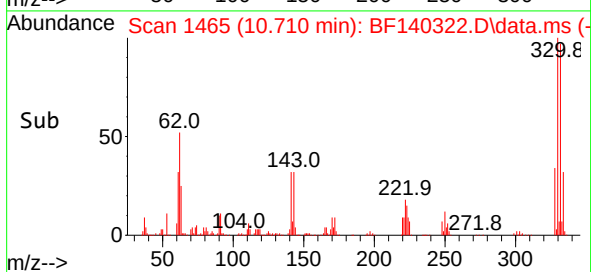
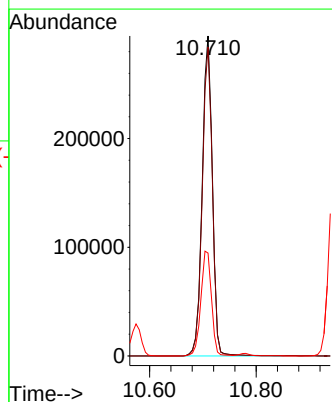
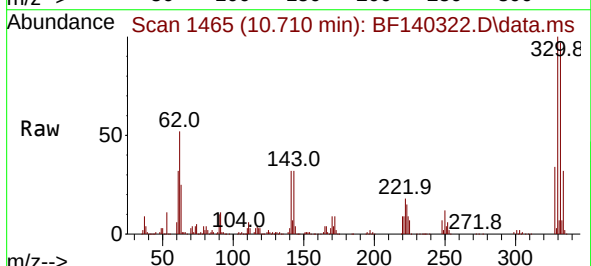
APPROVED

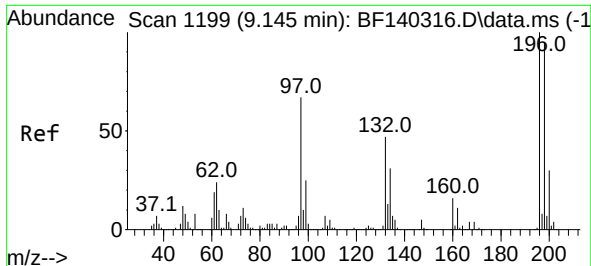
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#42
2,4,6-Tribromophenol
Concen: 131.454 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:330 Resp: 389575
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 34.2 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 47.523 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

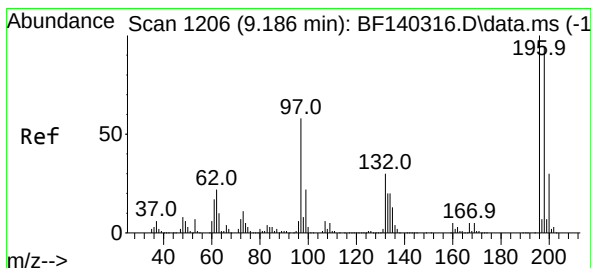
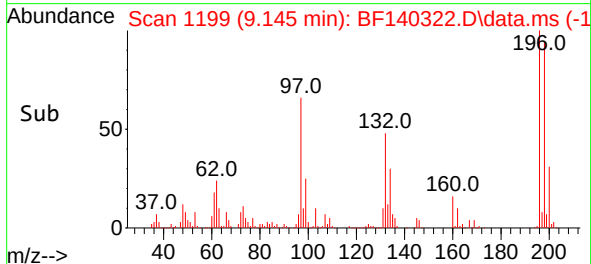
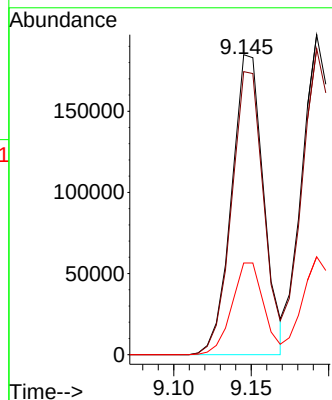
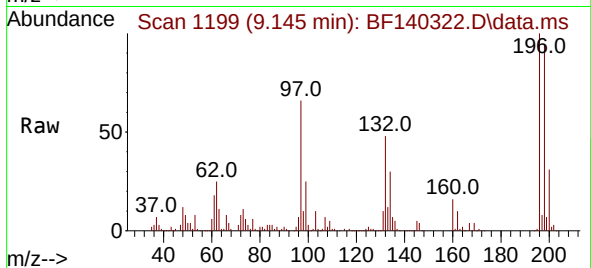
PB164848BS

Tgt Ion:196 Resp: 265194
Ion Ratio Lower Upper
196 100
198 94.4 75.8 113.8
200 30.6 23.9 35.9

Manual Integrations

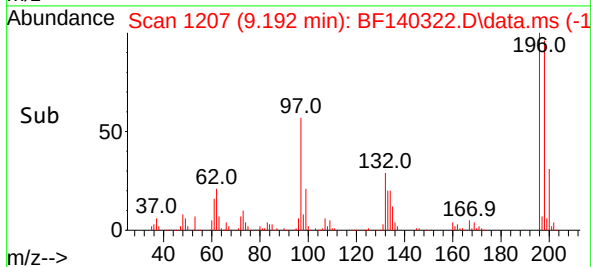
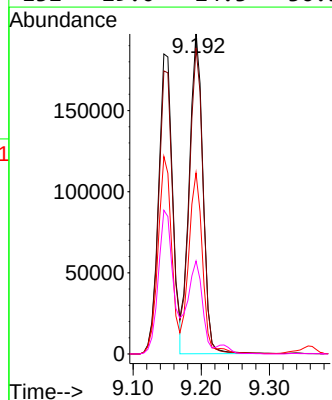
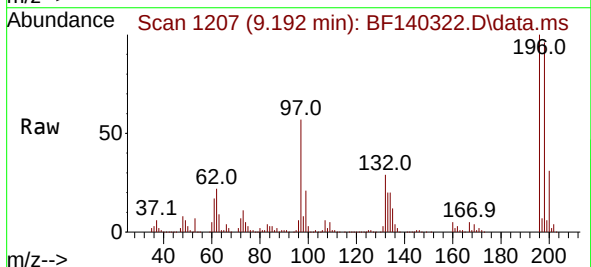
APPROVED

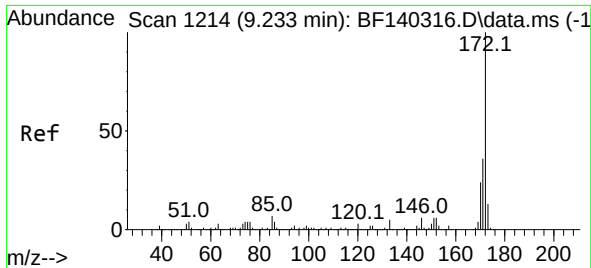
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#44
2,4,5-Trichlorophenol
Concen: 45.074 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:196 Resp: 272470
Ion Ratio Lower Upper
196 100
198 95.7 75.1 112.7
97 56.6 46.9 70.3
132 29.0 24.3 36.5





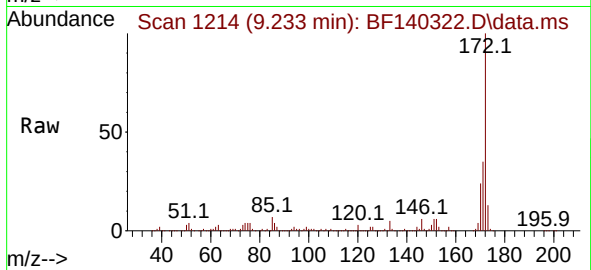
#45
2-Fluorobiphenyl
Concen: 87.113 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



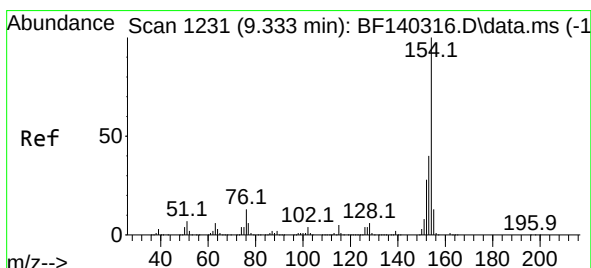
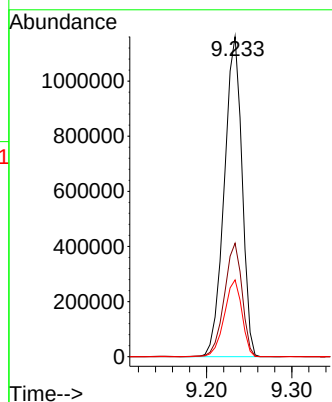
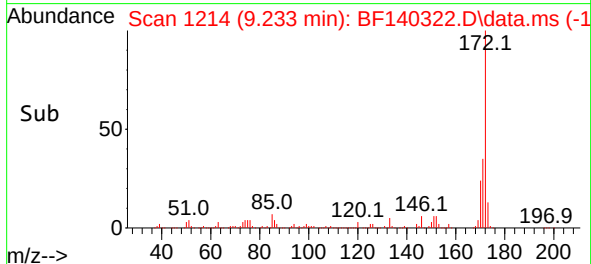
Tgt Ion:172 Resp: 1683154
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.0 19.3 28.9

Manual Integrations

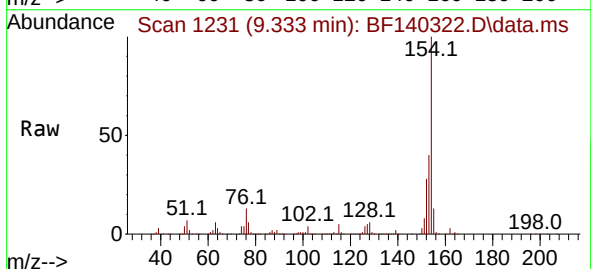
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

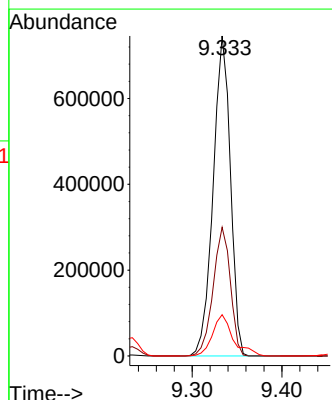
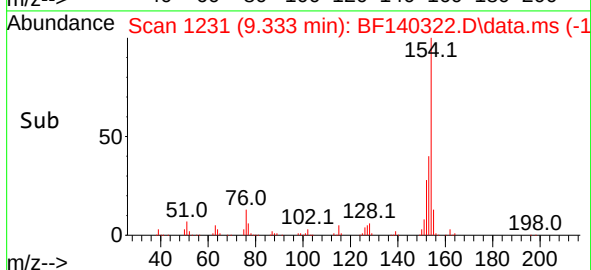
Supervised By :mohammad ahmed 11/13/2024

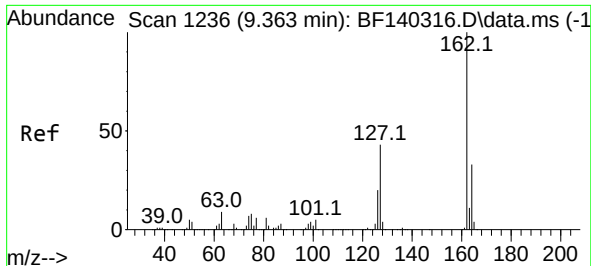


#46
1,1'-Biphenyl
Concen: 44.552 ng
RT: 9.333 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



Tgt Ion:154 Resp: 996570
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 12.9 0.0 33.2





#47

2-Chloronaphthalene

Concen: 43.685 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

Tgt Ion:162 Resp: 747739

Ion Ratio Lower Upper

162 100

127 43.7 34.3 51.5

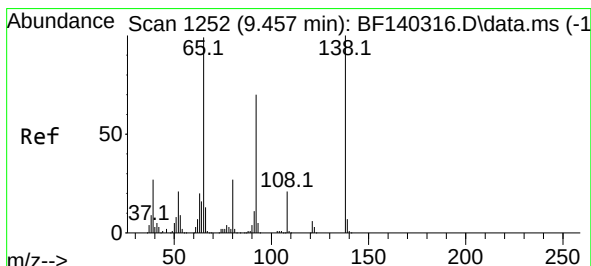
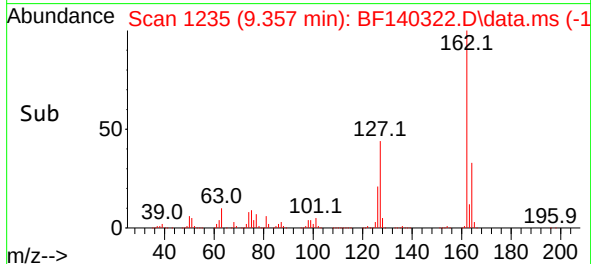
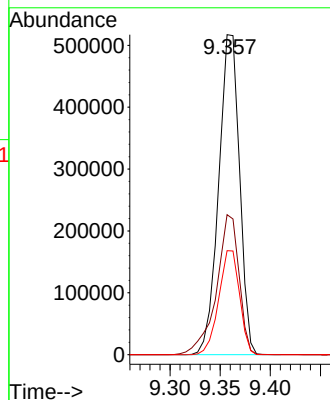
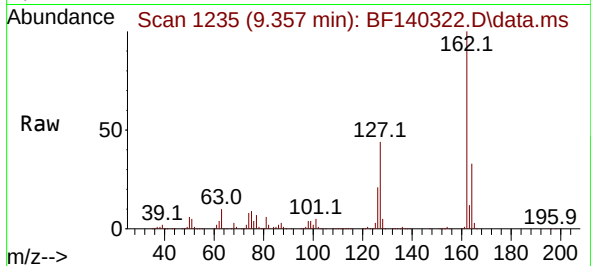
164 32.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#48

2-Nitroaniline

Concen: 47.291 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

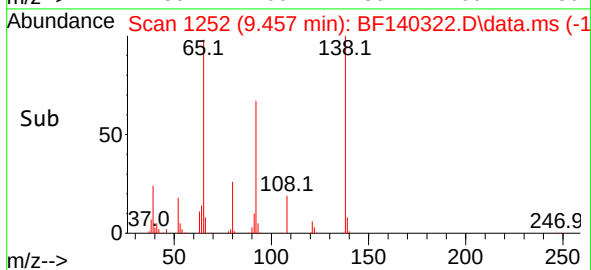
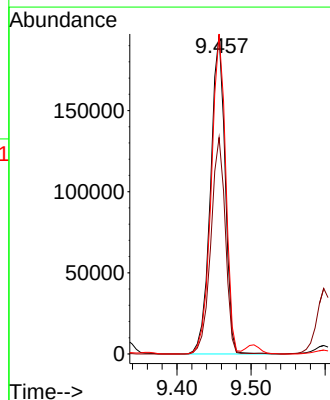
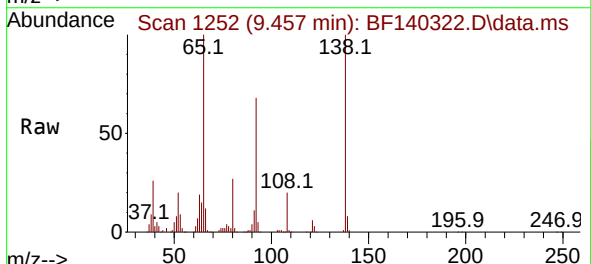
Tgt Ion: 65 Resp: 268203

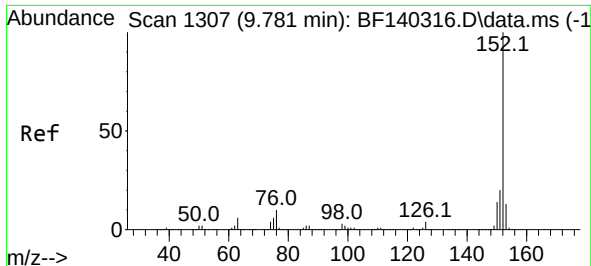
Ion Ratio Lower Upper

65 100

92 67.9 56.6 85.0

138 100.4 81.0 121.4





#49
Acenaphthylene
Concen: 48.160 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

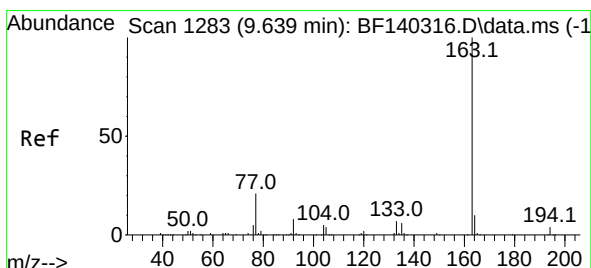
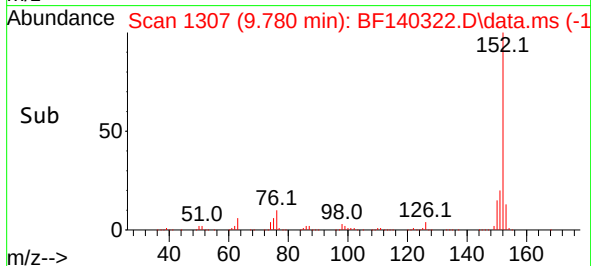
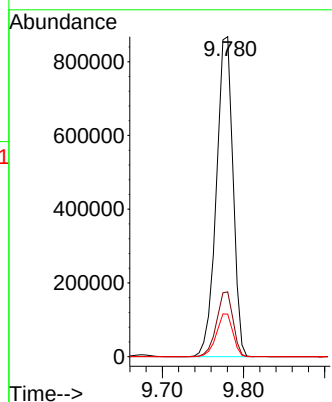
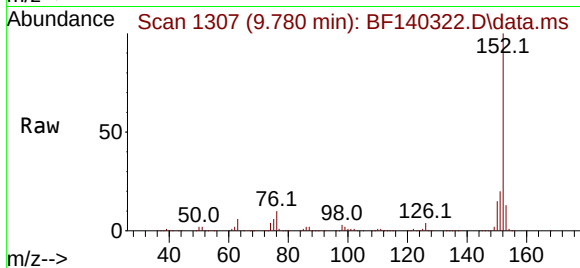
PB164848BS

Tgt Ion:152 Resp: 123878
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.6 15.8

Manual Integrations

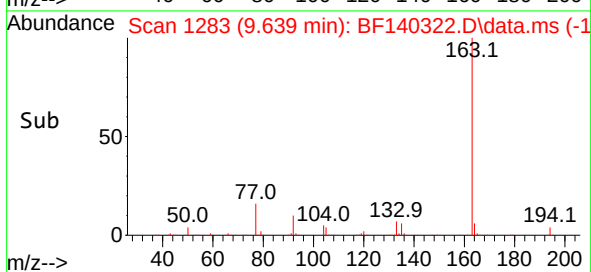
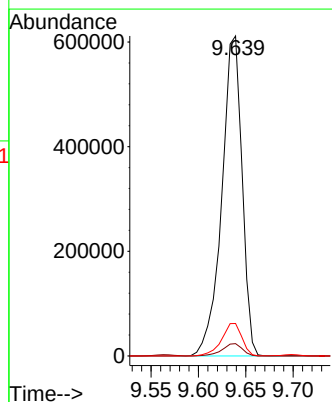
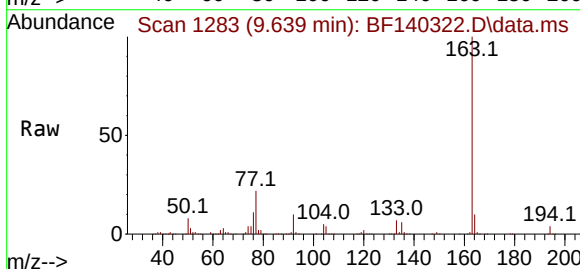
APPROVED

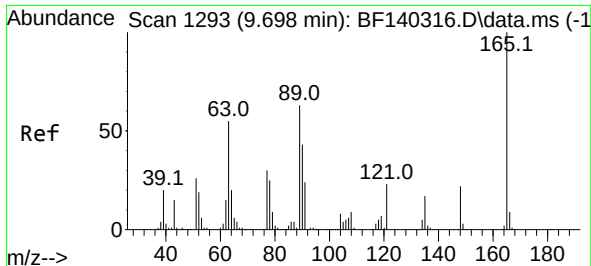
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#50
Dimethylphthalate
Concen: 46.044 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:163 Resp: 912131
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.2





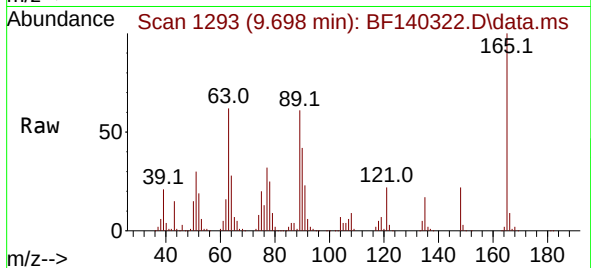
#51
2,6-Dinitrotoluene
Concen: 44.802 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



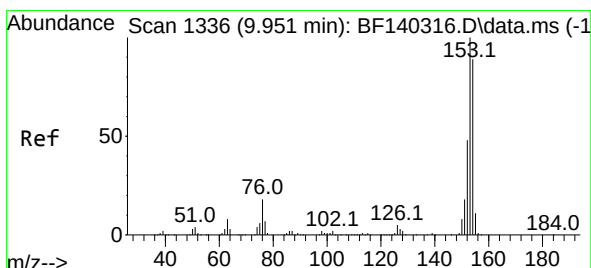
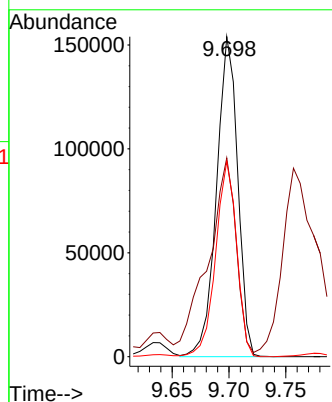
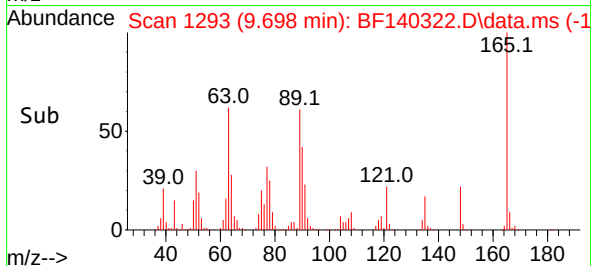
Tgt Ion:165 Resp: 19970
Ion Ratio Lower Upper
165 100
63 62.1 50.7 76.1
89 61.0 50.4 75.6

Manual Integrations

APPROVED

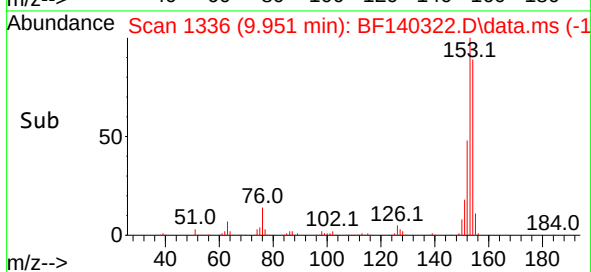
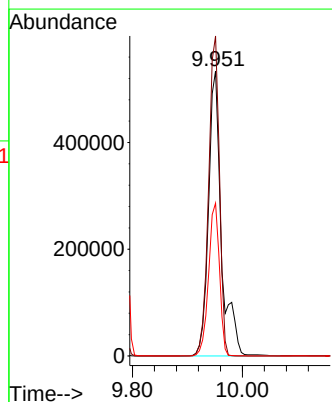
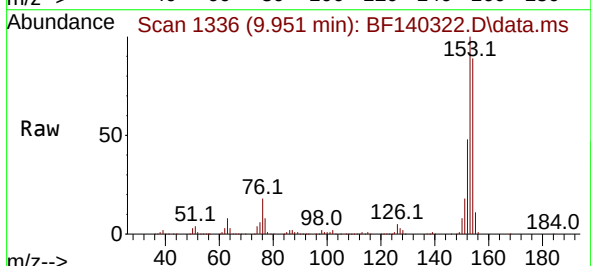
Reviewed By :Yogesh Patel 11/12/2024

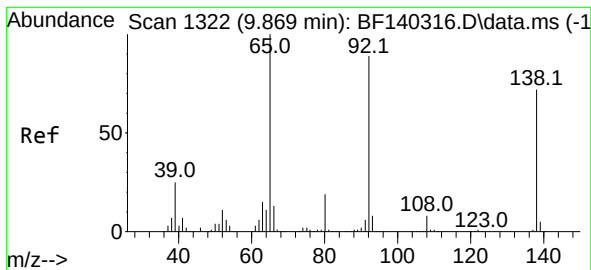
Supervised By :mohammad ahmed 11/13/2024



#52
Acenaphthene
Concen: 49.907 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:154 Resp: 869434
Ion Ratio Lower Upper
154 100
153 112.3 89.6 134.4
152 53.6 42.8 64.2





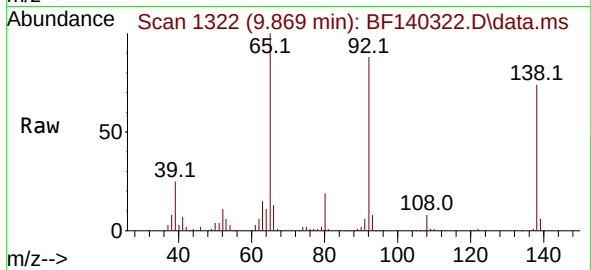
#53
3-Nitroaniline
Concen: 26.265 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



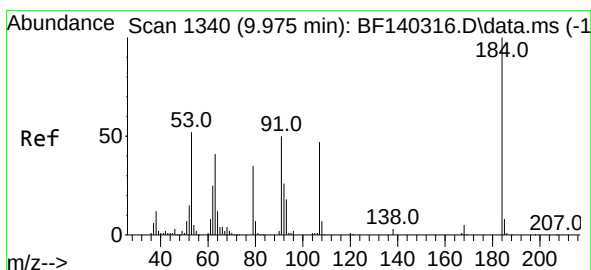
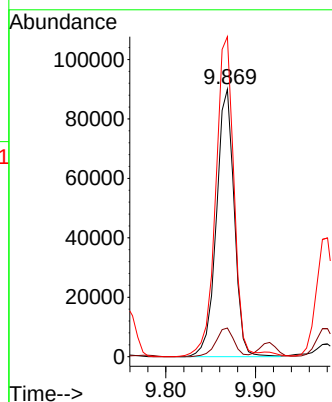
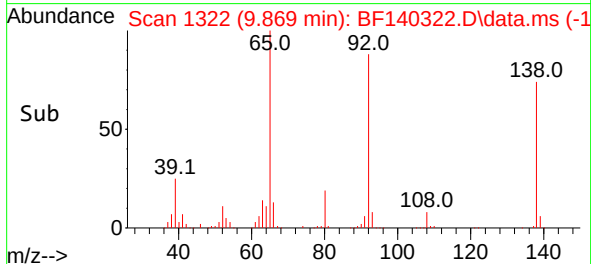
Tgt Ion:138 Resp: 12387
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 119.7 99.4 149.0

Manual Integrations

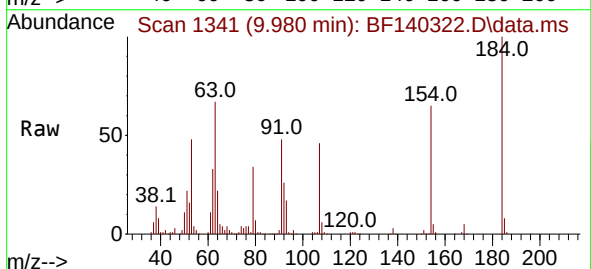
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

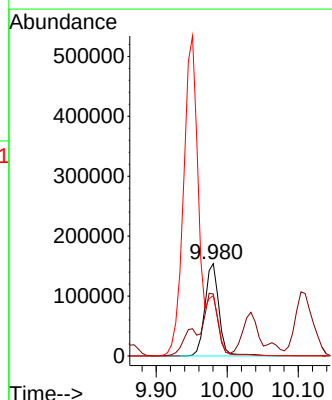
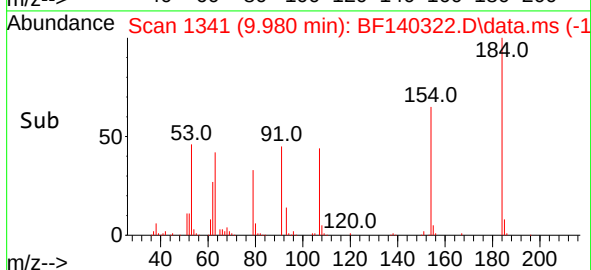
Supervised By :mohammad ahmed 11/13/2024

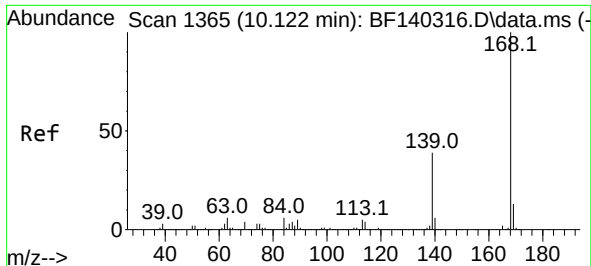


#54
2,4-Dinitrophenol
Concen: 94.095 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



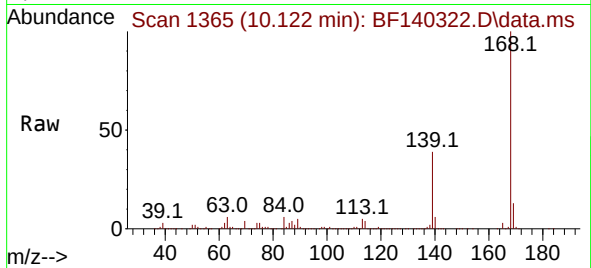
Tgt Ion:184 Resp: 212214
Ion Ratio Lower Upper
184 100
63 67.1 56.9 85.3
154 65.3 54.6 82.0





#55
Dibenzo-furan
Concen: 46.265 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

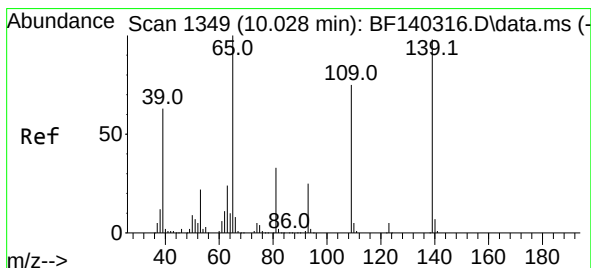
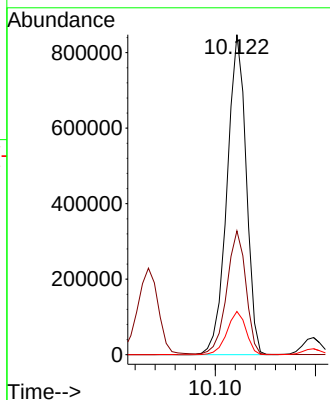
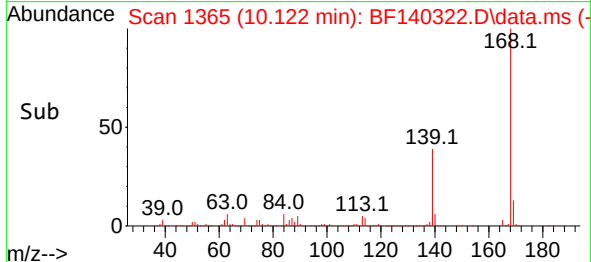
Instrument :
BNA_F
ClientSampleId :
PB164848BS



Tgt Ion:168 Resp: 112536
Ion Ratio Lower Upper
168 100
139 38.7 31.0 46.4
169 13.5 10.7 16.1

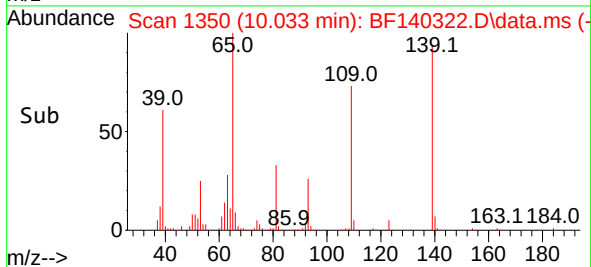
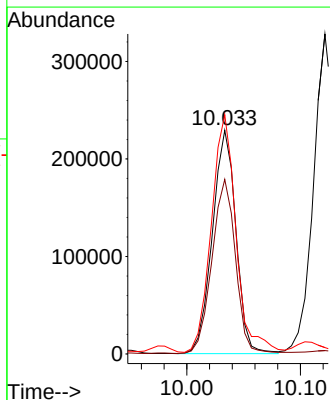
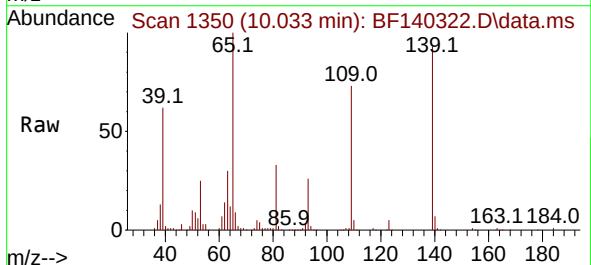
Manual Integrations
APPROVED

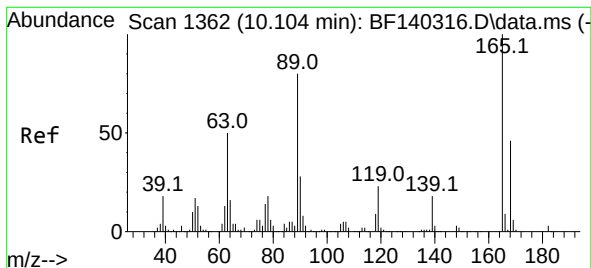
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#56
4-Nitrophenol
Concen: 98.227 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:139 Resp: 330633
Ion Ratio Lower Upper
139 100
109 78.0 56.3 96.3
65 107.0 82.3 122.3





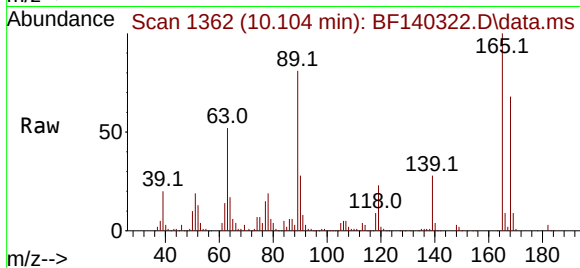
#57
2,4-Dinitrotoluene
Concen: 46.691 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

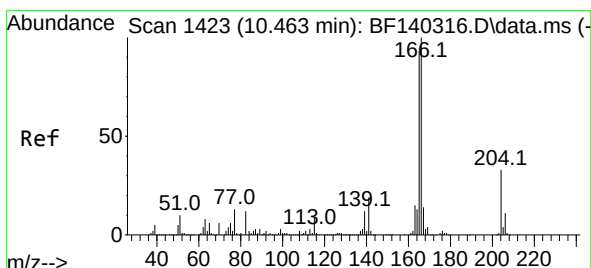
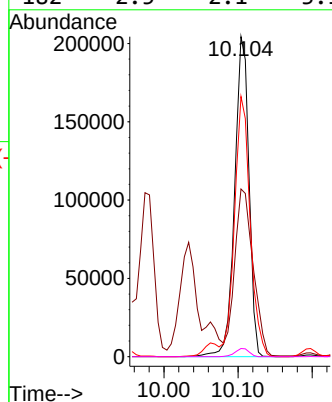
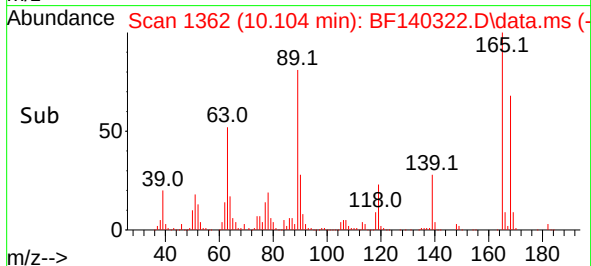


Tgt Ion:165 Resp: 274078
Ion Ratio Lower Upper
165 100
63 52.4 40.6 60.8
89 81.3 63.8 95.8
182 2.5 2.1 3.1

Manual Integrations

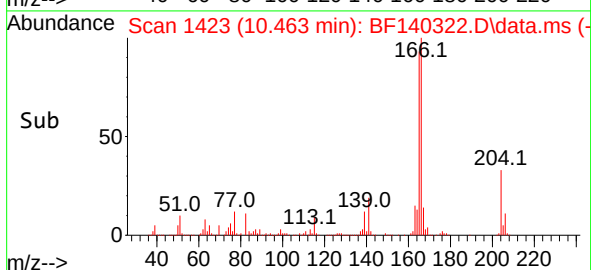
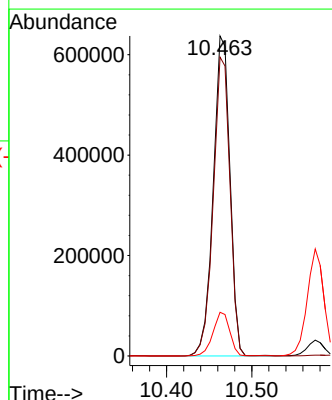
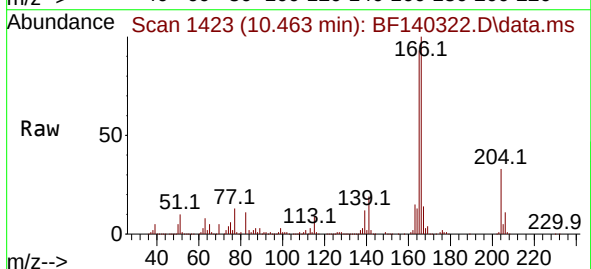
APPROVED

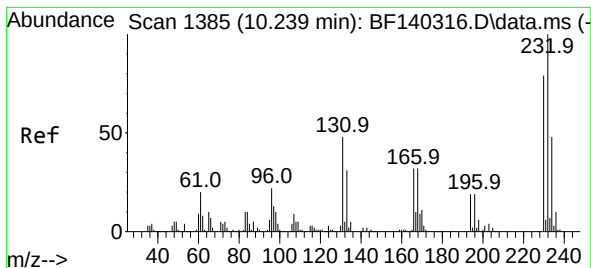
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#58
Fluorene
Concen: 45.393 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:166 Resp: 867392
Ion Ratio Lower Upper
166 100
165 93.4 74.6 111.8
167 13.7 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.411 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

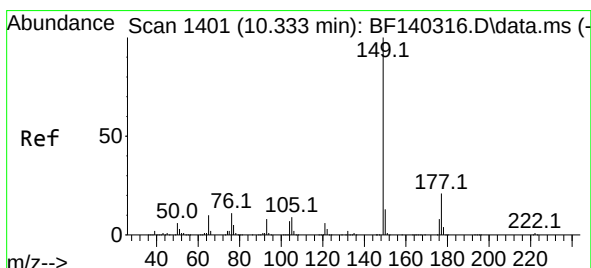
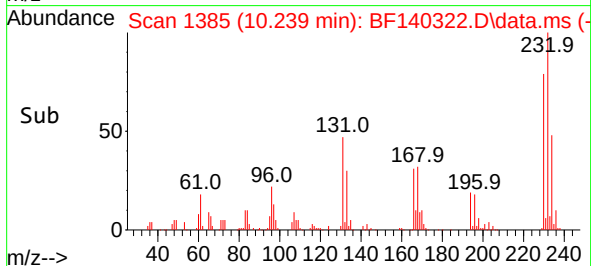
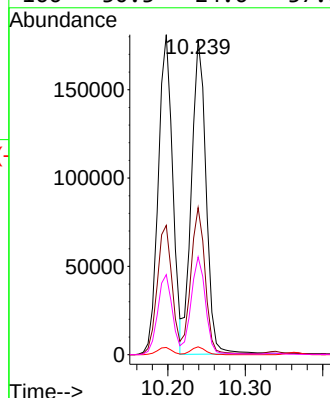
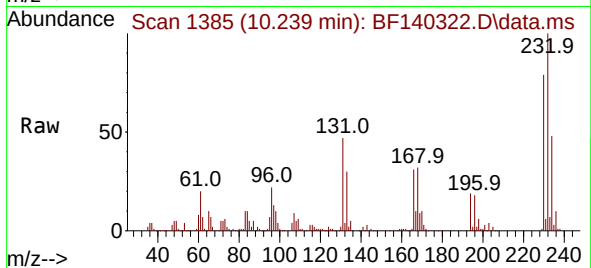
PB164848BS

Tgt Ion:232 Resp: 232814
Ion Ratio Lower Upper
232 100
131 46.2 37.7 56.5
130 2.4 2.0 3.0
166 30.3 24.6 37.0

Manual Integrations

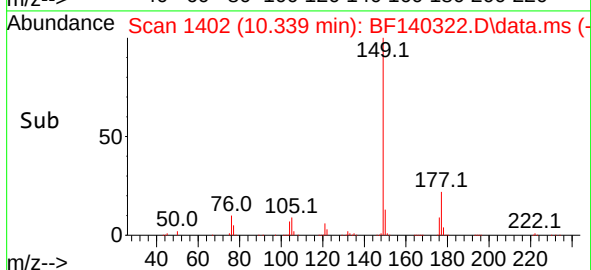
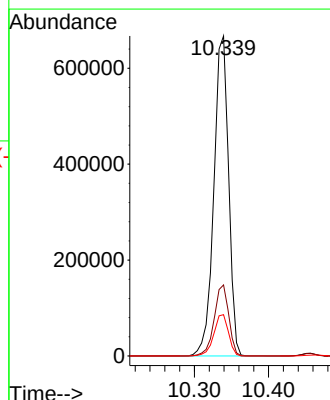
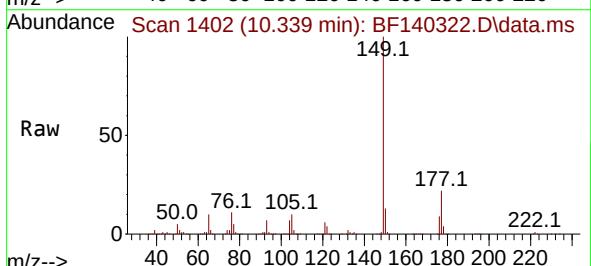
APPROVED

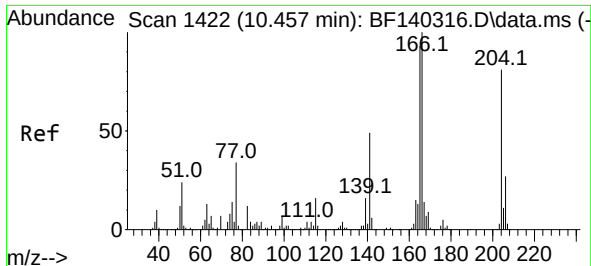
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#60
Diethylphthalate
Concen: 45.588 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:149 Resp: 919792
Ion Ratio Lower Upper
149 100
177 22.2 17.0 25.4
150 12.9 10.1 15.1





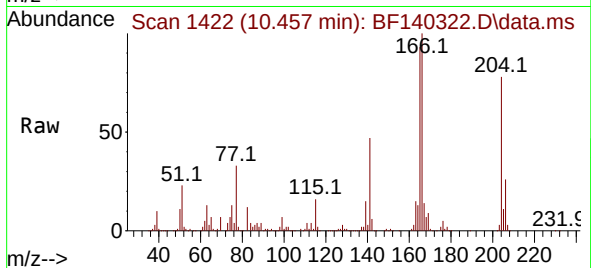
#61
4-Chlorophenyl-phenylether
Concen: 44.433 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

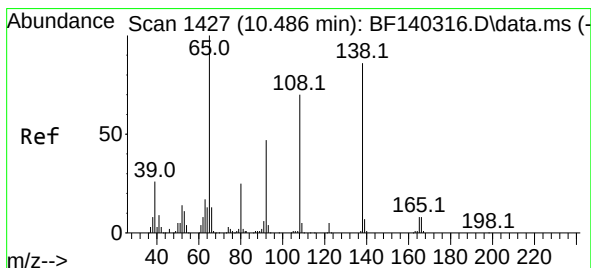
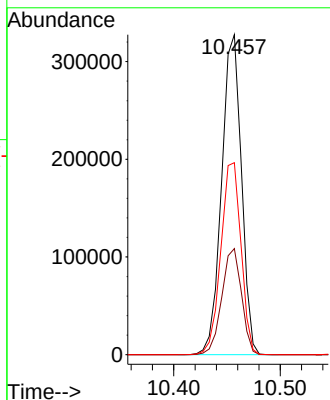
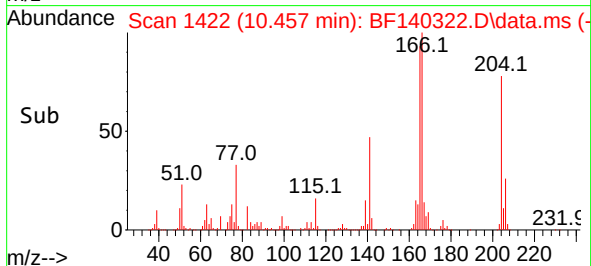


Tgt Ion:204 Resp: 422614
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 60.0 48.6 73.0

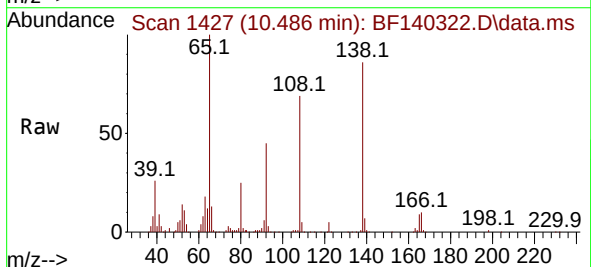
Manual Integrations

APPROVED

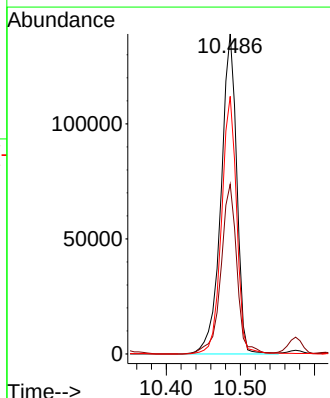
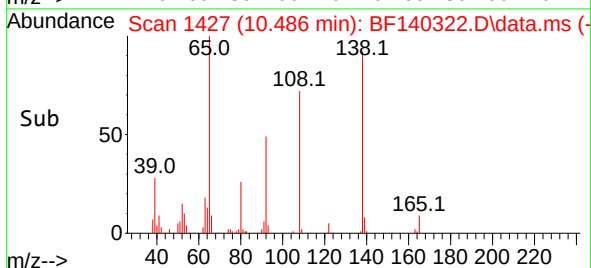
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024

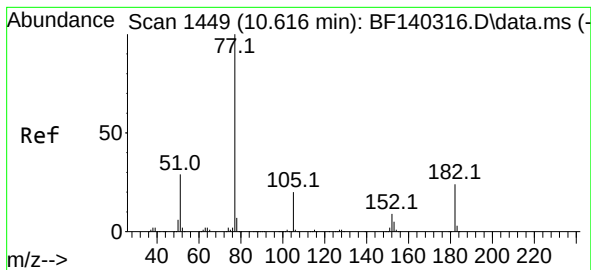


#62
4-Nitroaniline
Concen: 43.520 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



Tgt Ion:138 Resp: 205438
Ion Ratio Lower Upper
138 100
92 53.0 34.0 74.0
108 80.5 61.4 101.4





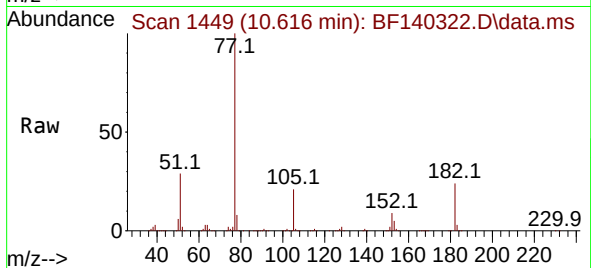
#63
Azobenzene
Concen: 46.039 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



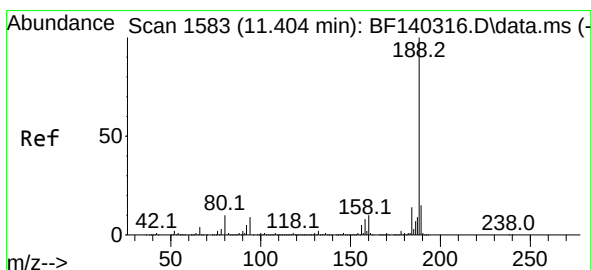
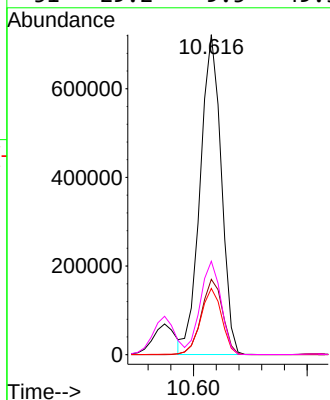
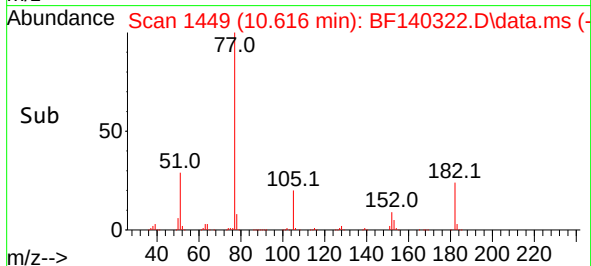
Tgt Ion: 77 Resp: 927390
Ion Ratio Lower Upper
77 100
182 23.6 3.4 43.4
105 20.7 0.3 40.3
51 29.2 9.5 49.5

Manual Integrations

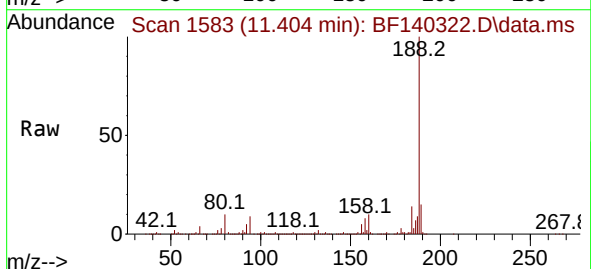
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

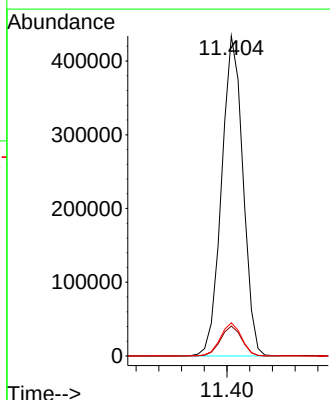
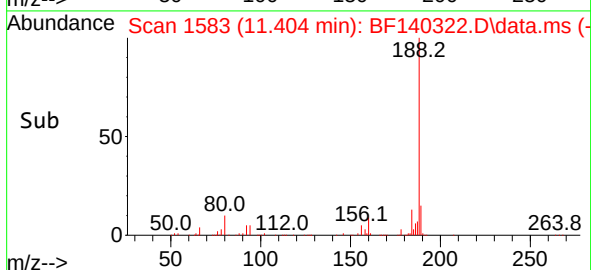
Supervised By :mohammad ahmed 11/13/2024

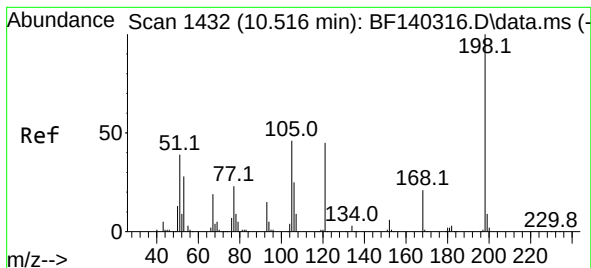


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



Tgt Ion:188 Resp: 567727
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.4 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.976 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

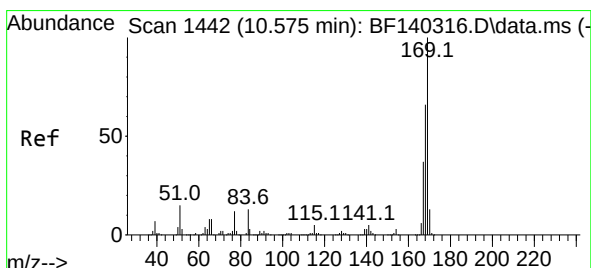
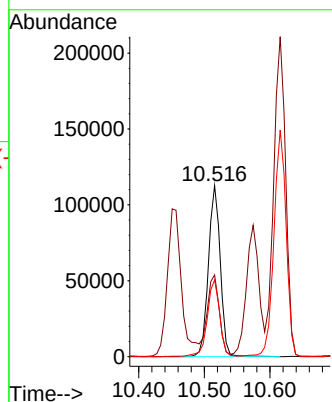
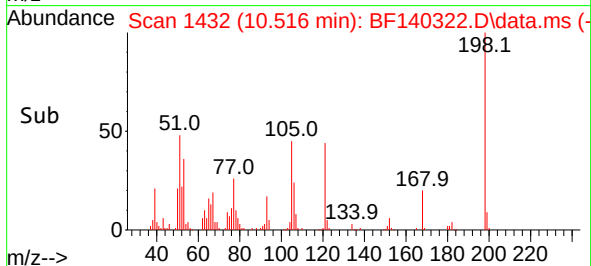
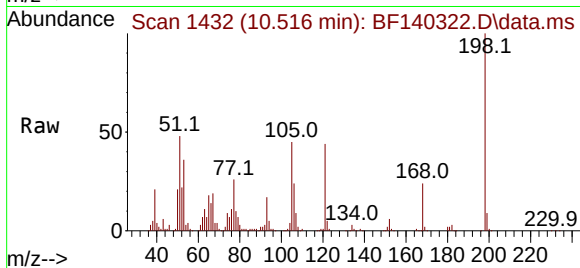
ClientSampleId :

PB164848BS

Tgt Ion:198 Resp: 14252
Ion Ratio Lower Upper
198 100
51 47.8 29.7 69.7
105 44.9 26.9 66.9

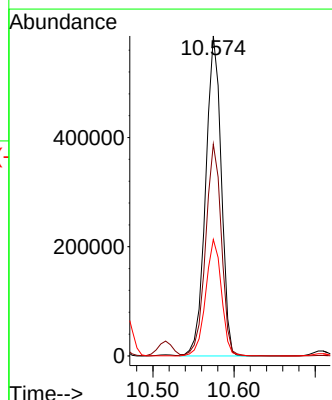
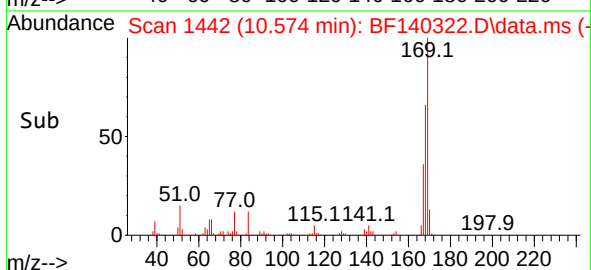
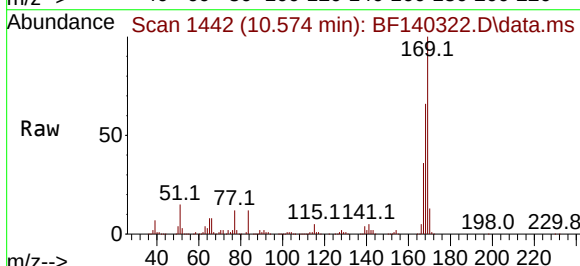
Manual Integrations
APPROVED

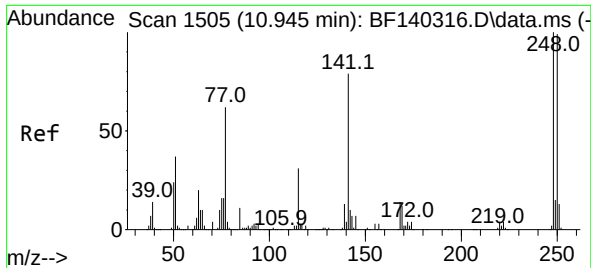
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#66
n-Nitrosodiphenylamine
Concen: 47.166 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:169 Resp: 780825
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.4 29.4 44.0





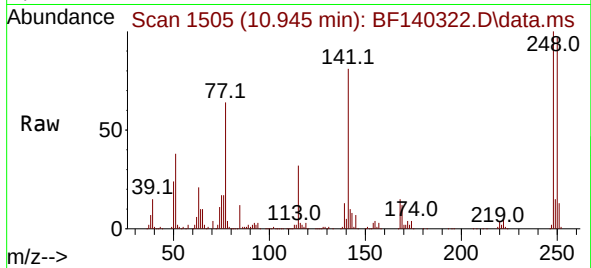
#67
4-Bromophenyl-phenylether
Concen: 44.988 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



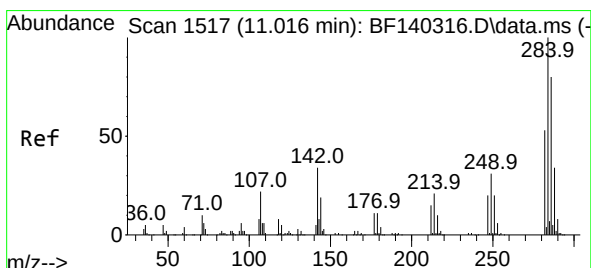
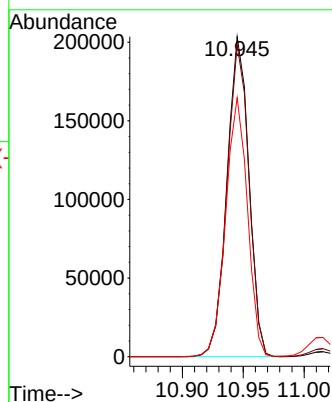
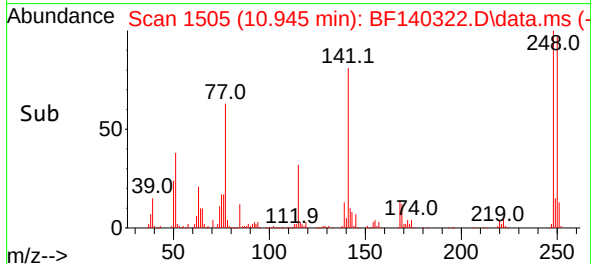
Tgt Ion:248 Resp: 25591
Ion Ratio Lower Upper
248 100
250 97.4 79.1 118.7
141 80.9 63.5 95.3

Manual Integrations

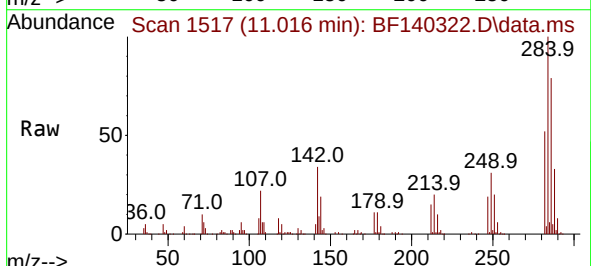
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

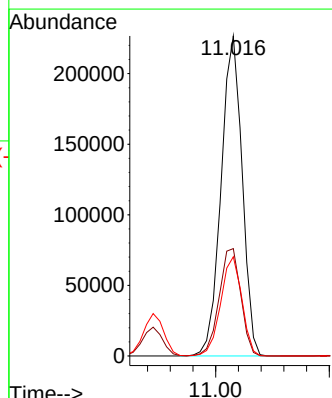
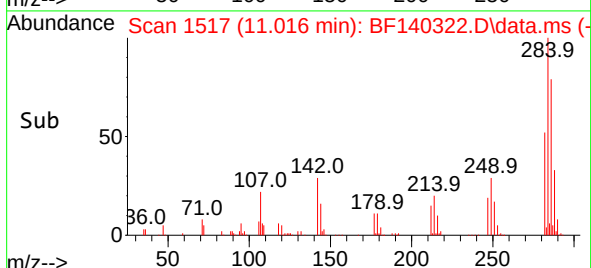
Supervised By :mohammad ahmed 11/13/2024

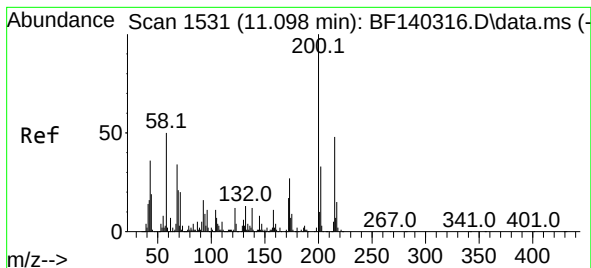


#68
Hexachlorobenzene
Concen: 45.799 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



Tgt Ion:284 Resp: 291789
Ion Ratio Lower Upper
284 100
142 33.6 27.2 40.8
249 31.0 25.1 37.7





#69

Atrazine

Concen: 62.451 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

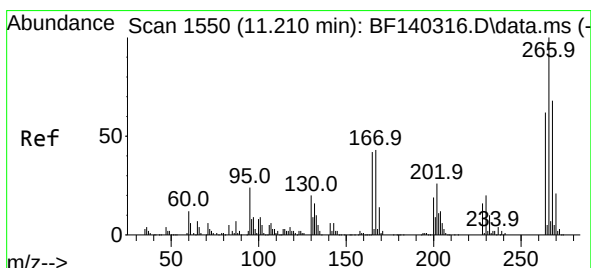
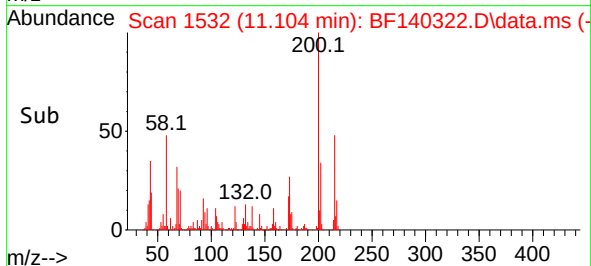
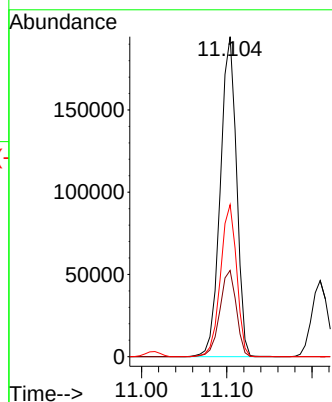
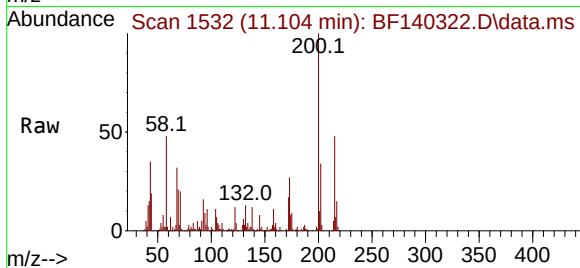
Tgt Ion:200 Resp: 257549
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.6 46.6
 215 47.5 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#70

Pentachlorophenol

Concen: 89.988 ng

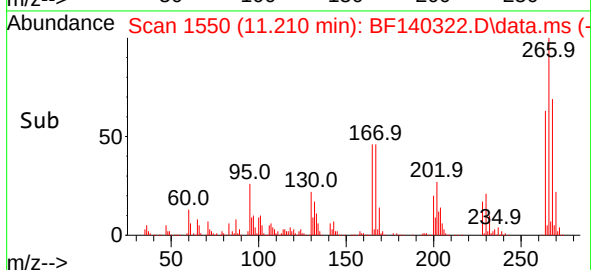
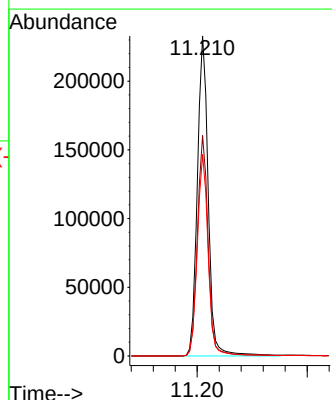
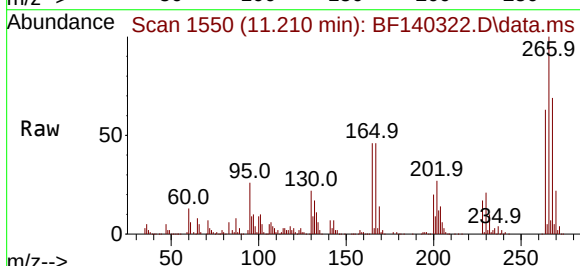
RT: 11.210 min Scan# 1550

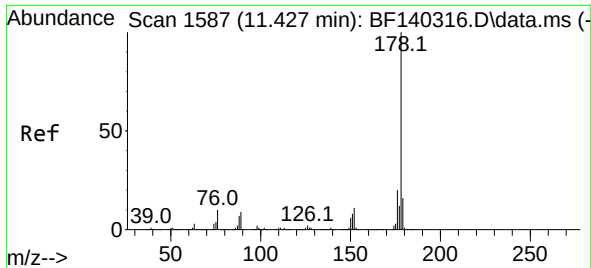
Delta R.T. -0.000 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Tgt Ion:266 Resp: 320628
 Ion Ratio Lower Upper
 266 100
 268 68.9 54.0 81.0
 264 62.9 49.4 74.2





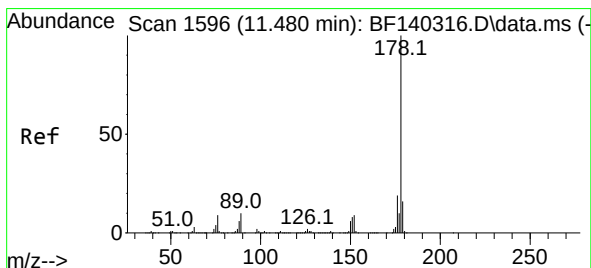
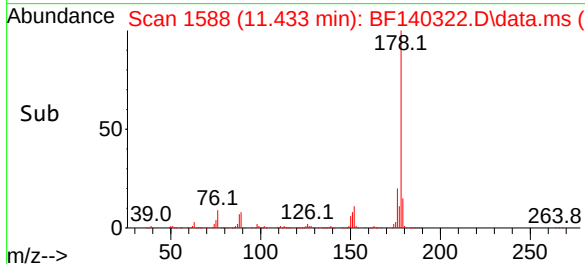
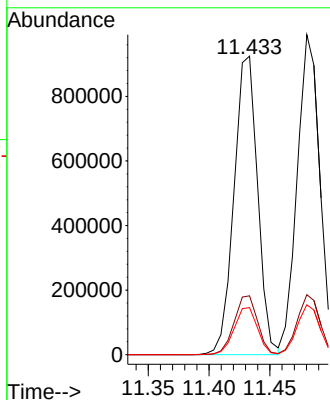
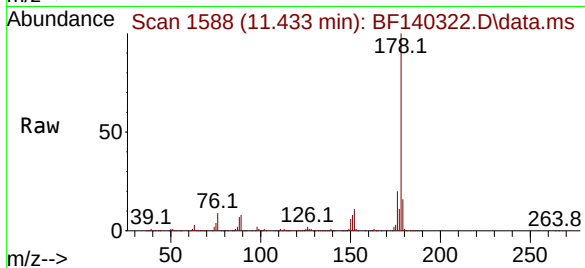
#71
Phenanthrene
Concen: 46.834 ng
RT: 11.433 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :
BNA_F
ClientSampleId :
PB164848BS

Tgt Ion:178 Resp: 124948
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.8 12.6 19.0

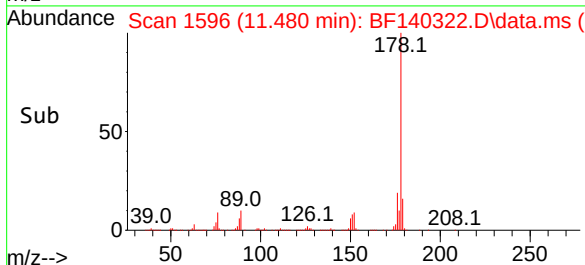
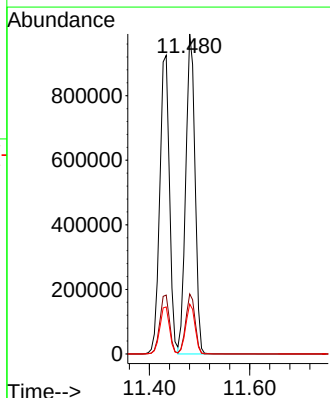
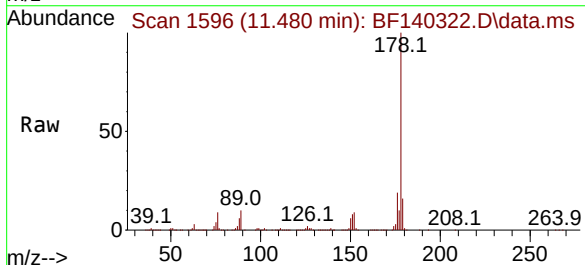
Manual Integrations
APPROVED

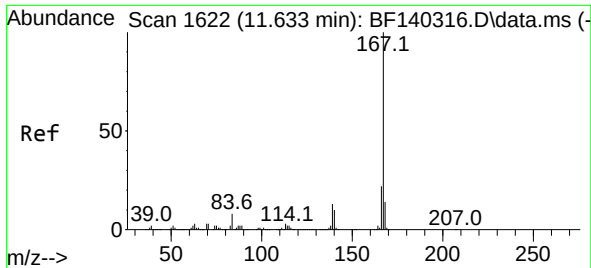
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#72
Anthracene
Concen: 48.992 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

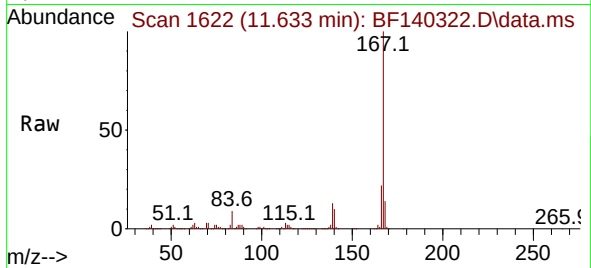
Tgt Ion:178 Resp: 1277842
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 46.291 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.000 min
 Lab File: BF140322.D
 Acq: 11 Nov 2024 17:32

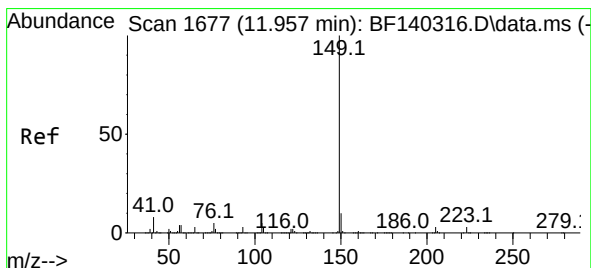
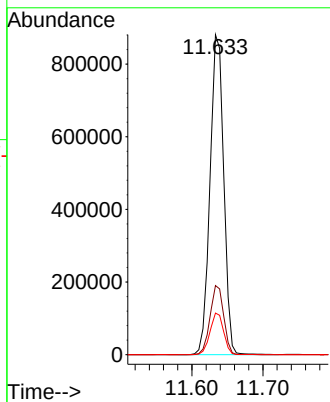
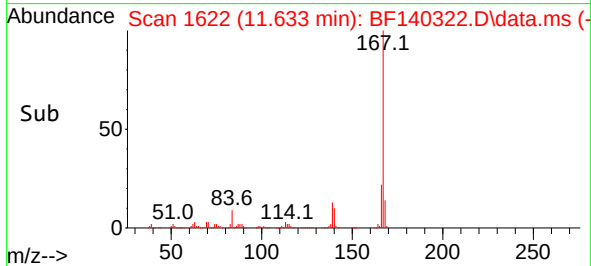
Instrument :
 BNA_F
 ClientSampleId :
 PB164848BS



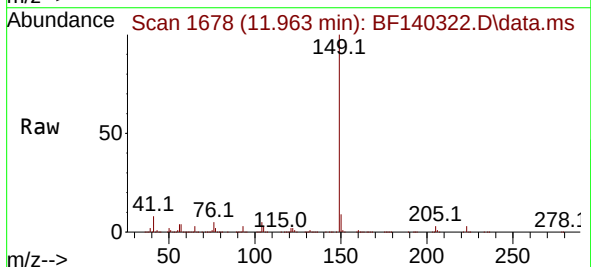
Tgt Ion:167 Resp: 118236
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.0 10.4 15.6

Manual Integrations
 APPROVED

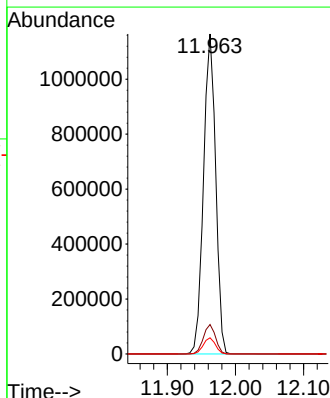
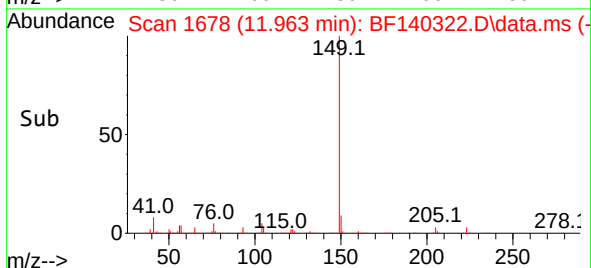
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024

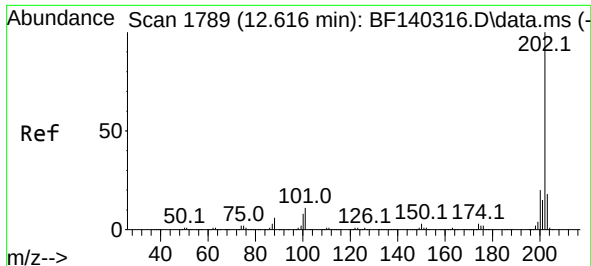


#74
 Di-n-butylphthalate
 Concen: 47.230 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.006 min
 Lab File: BF140322.D
 Acq: 11 Nov 2024 17:32



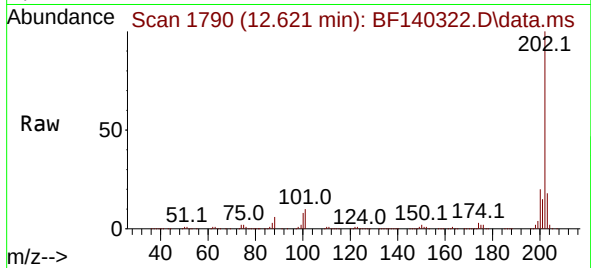
Tgt Ion:149 Resp: 1443728
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 46.769 ng
RT: 12.621 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

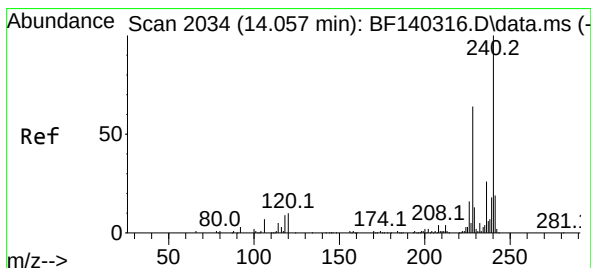
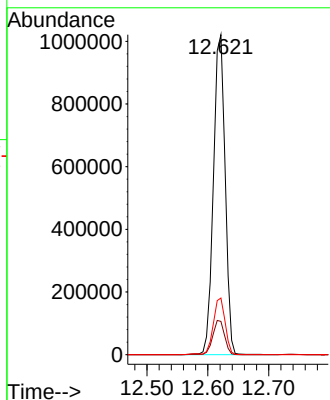
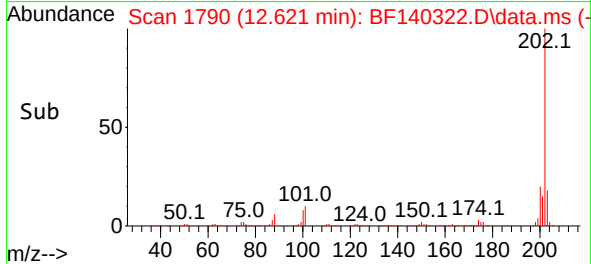
Instrument :
BNA_F
ClientSampleId :
PB164848BS



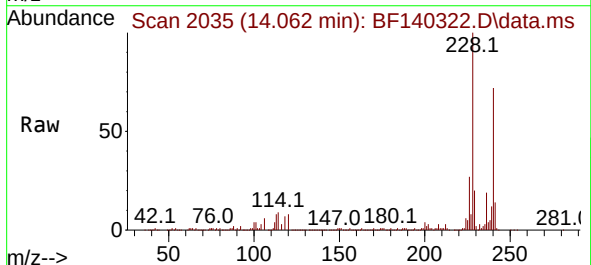
Tgt Ion:202 Resp: 136613
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.8
203 17.7 0.0 37.9

Manual Integrations
APPROVED

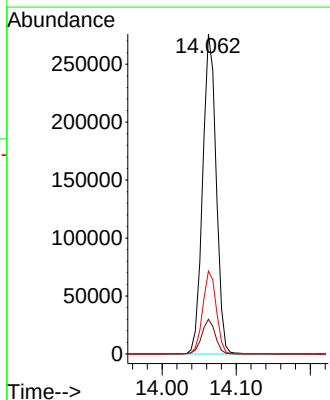
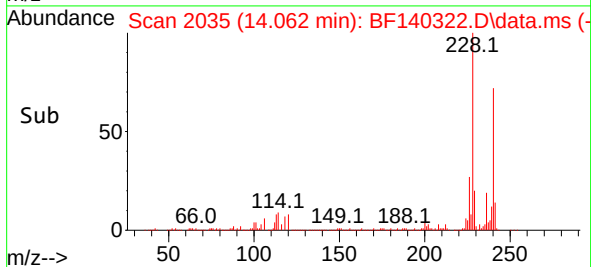
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024

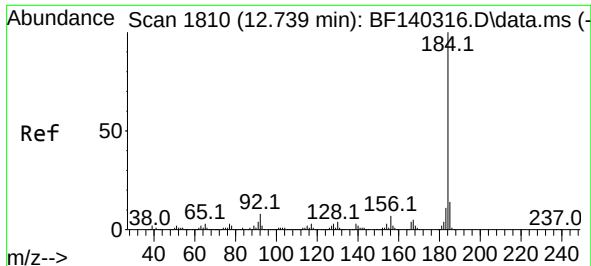


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



Tgt Ion:240 Resp: 350730
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.4
236 25.9 20.9 31.3





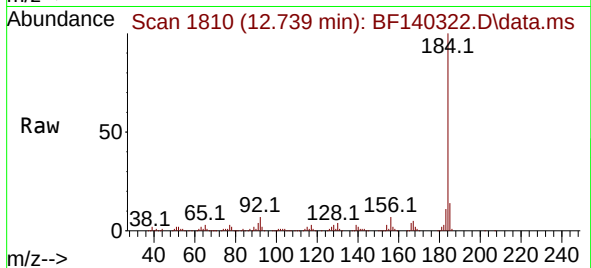
#77
Benzidine
Concen: 24.576 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



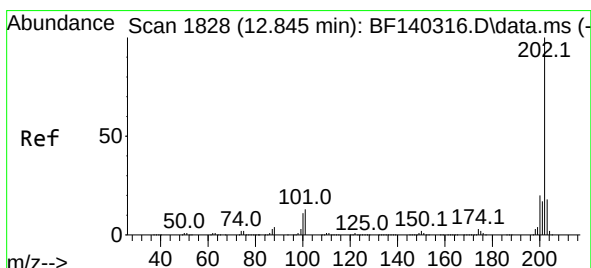
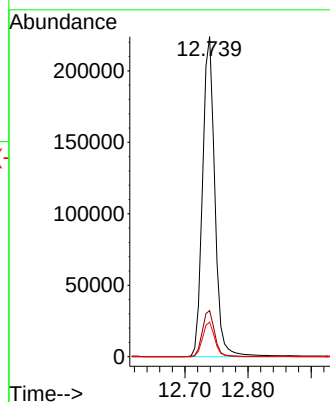
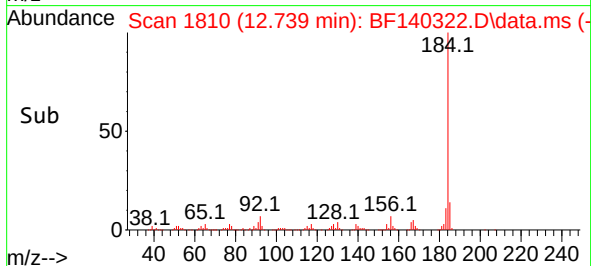
Tgt Ion:184 Resp: 30203
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.8 8.6 13.0

Manual Integrations

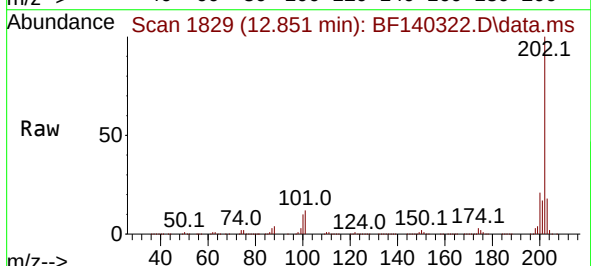
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

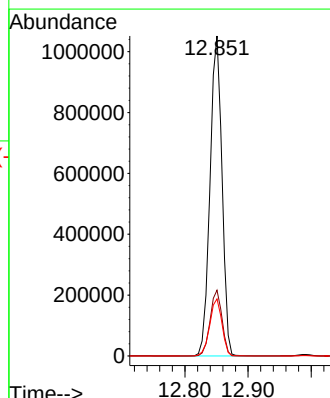
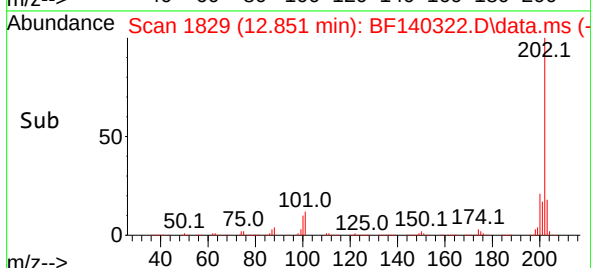
Supervised By :mohammad ahmed 11/13/2024

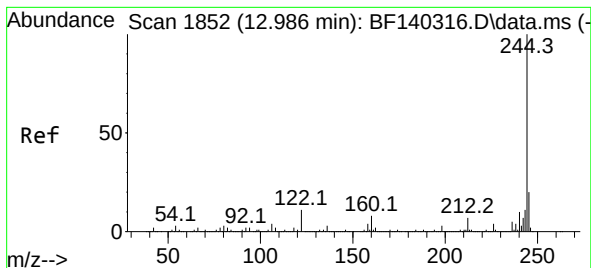


#78
Pyrene
Concen: 44.791 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



Tgt Ion:202 Resp: 1383030
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.4
203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 90.074 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

Tgt Ion:244 Resp: 184236

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

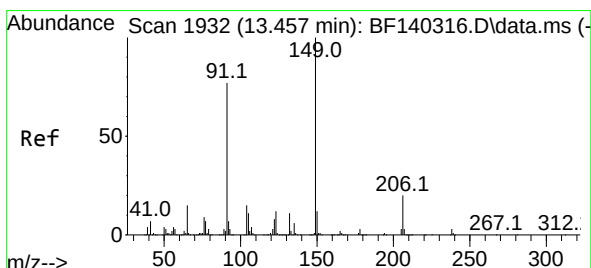
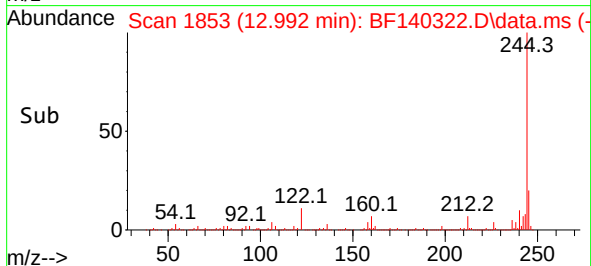
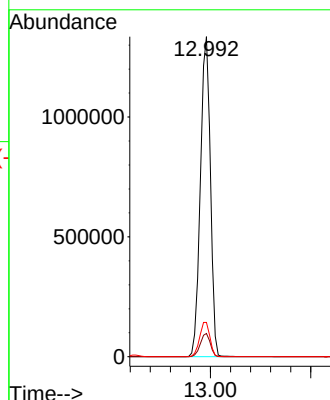
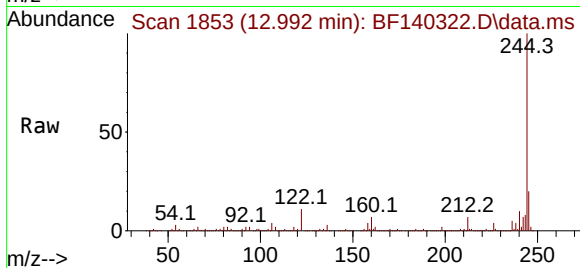
122 10.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#80

Butylbenzylphthalate

Concen: 49.563 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

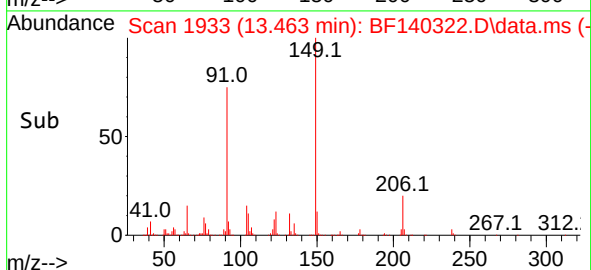
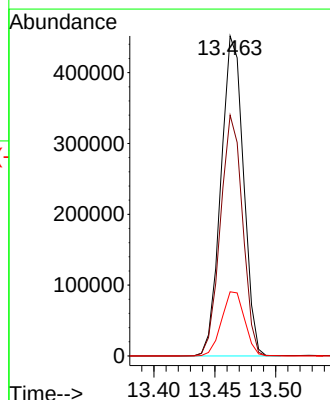
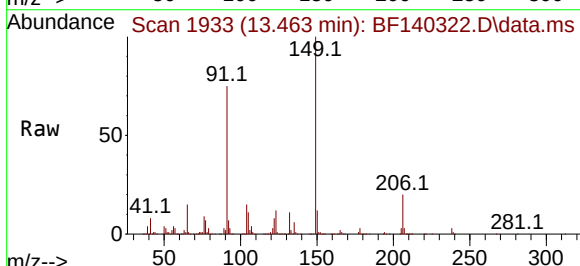
Tgt Ion:149 Resp: 582423

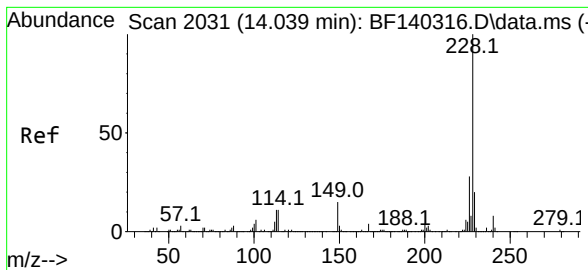
Ion Ratio Lower Upper

149 100

91 75.3 61.9 92.9

206 20.1 16.2 24.4





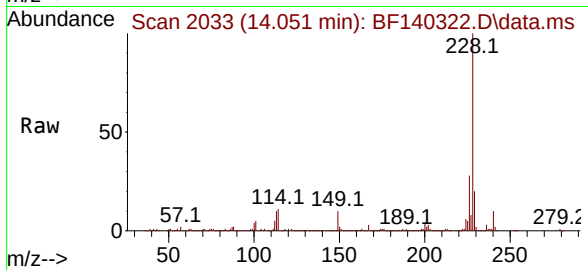
#81
Benzo(a)anthracene
Concen: 48.686 ng
RT: 14.051 min Scan# 2031
Delta R.T. 0.012 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



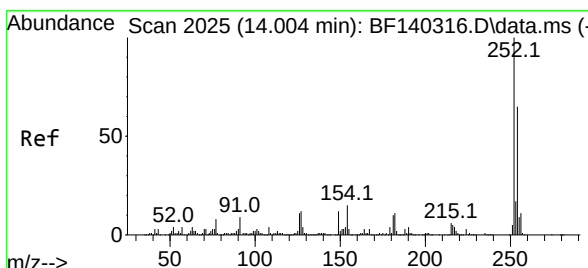
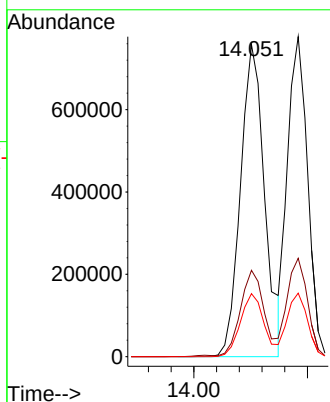
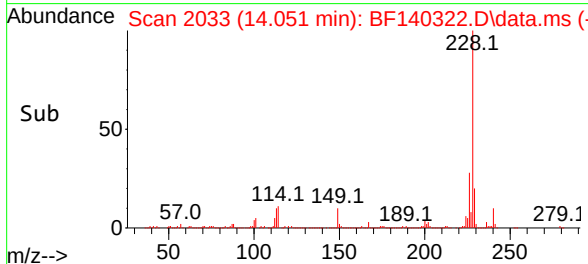
Tgt Ion:228 Resp: 111795
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 20.2 15.9 23.9

Manual Integrations

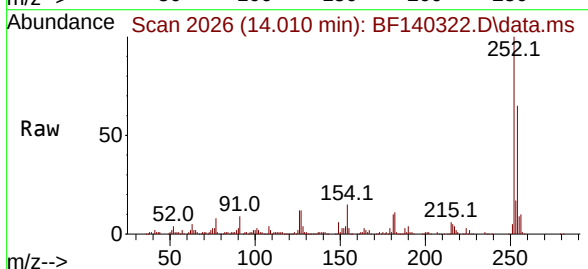
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

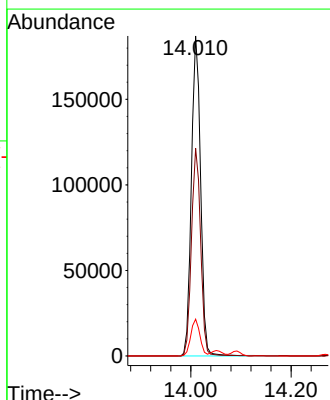
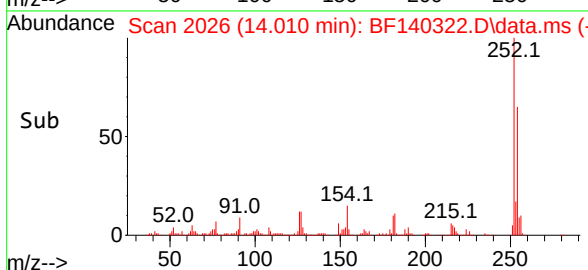
Supervised By :mohammad ahmed 11/13/2024

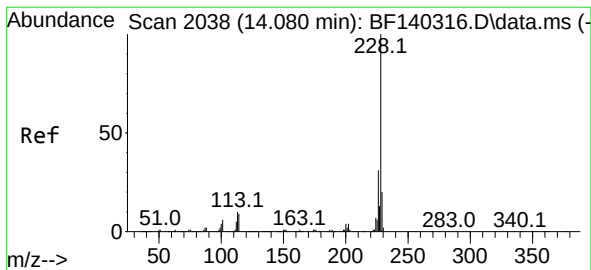


#82
3,3'-Dichlorobenzidine
Concen: 32.394 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32



Tgt Ion:252 Resp: 238211
Ion Ratio Lower Upper
252 100
254 64.9 52.0 78.0
126 11.5 9.0 13.4





#83

Chrysene

Concen: 45.641 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.012 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

Tgt Ion:228 Resp: 95922

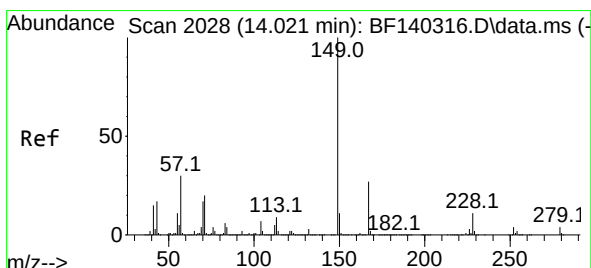
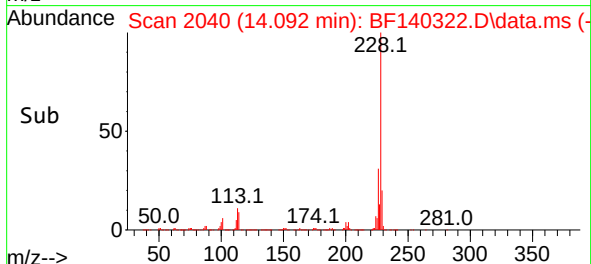
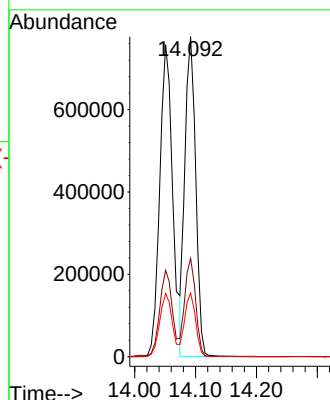
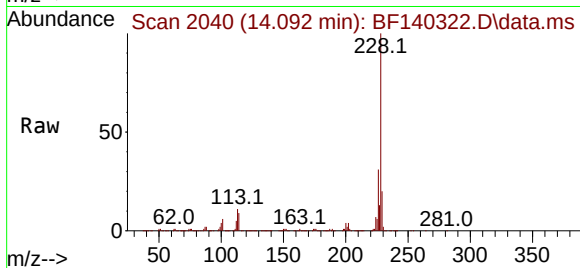
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	19.8	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.211 ng

RT: 14.033 min Scan# 2030

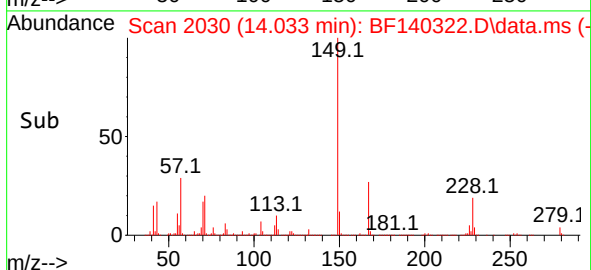
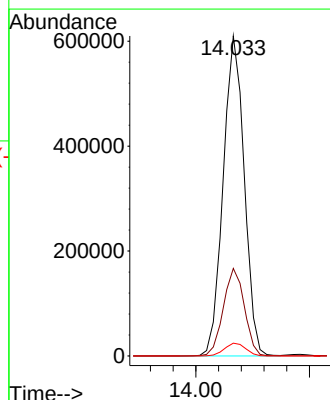
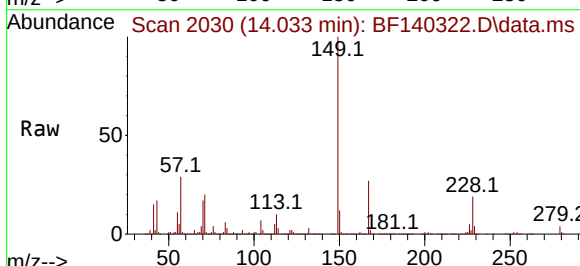
Delta R.T. 0.012 min

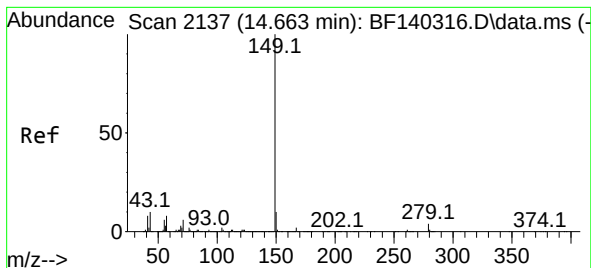
Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Tgt Ion:149 Resp: 785242

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	4.0	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 52.362 ng

RT: 14.680 min Scan# 2140

Delta R.T. 0.018 min

Lab File: BF140322.D

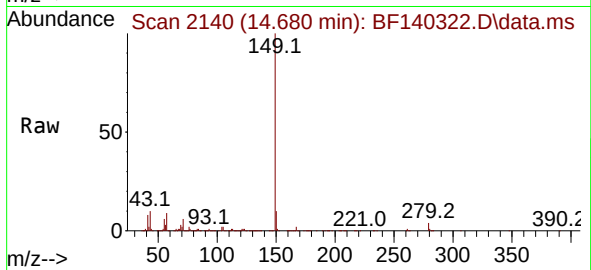
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



Tgt Ion:149 Resp: 1204570

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

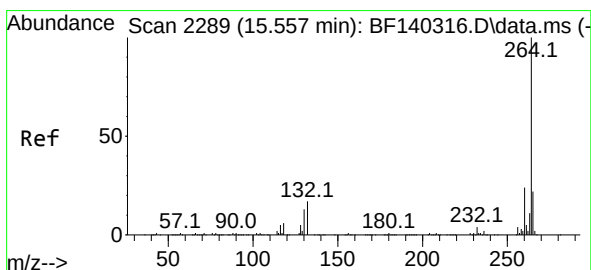
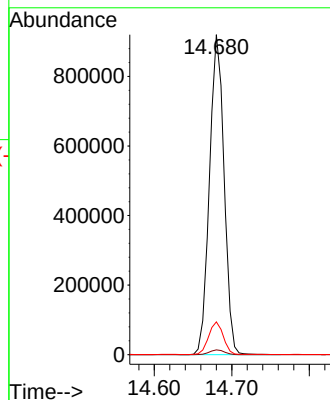
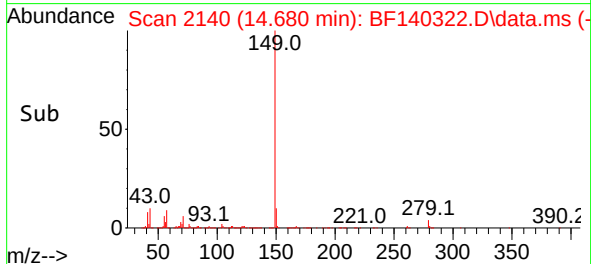
43 10.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2293

Delta R.T. 0.023 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

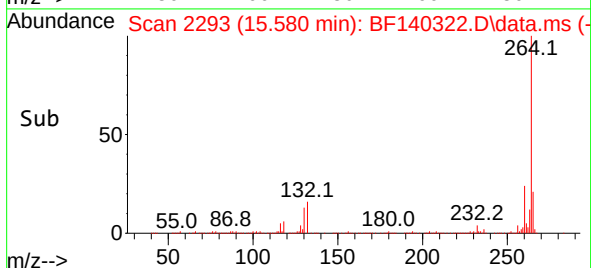
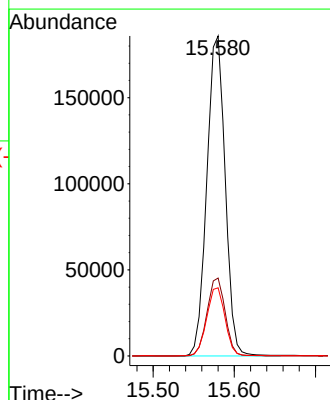
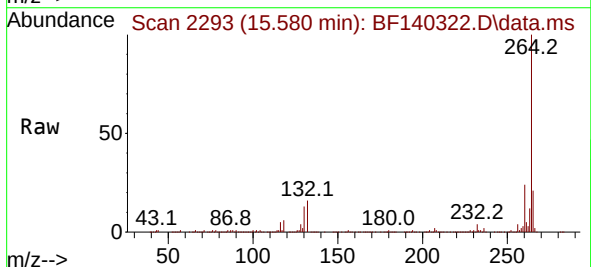
Tgt Ion:264 Resp: 291643

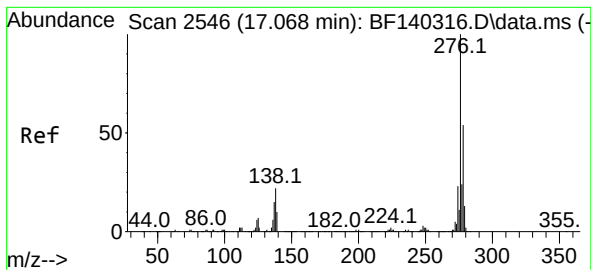
Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.3 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.056 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

Tgt Ion:276 Resp: 88213

Ion Ratio Lower Upper

276 100

138 23.5 18.6 28.0

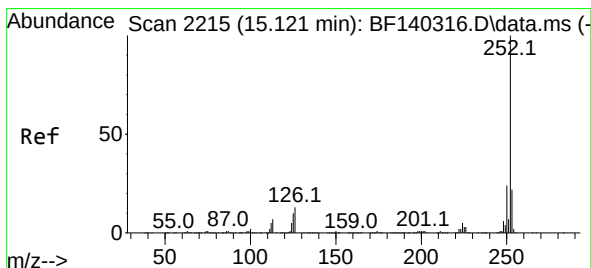
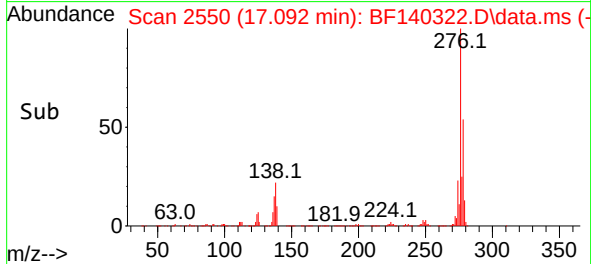
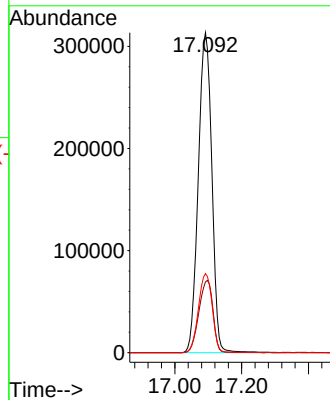
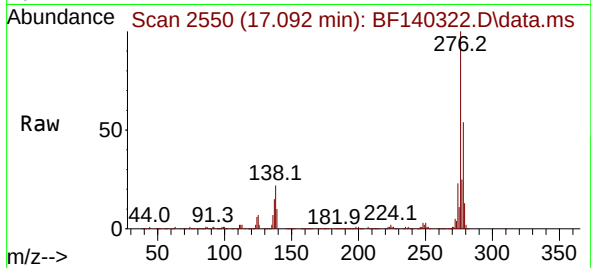
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#88

Benzo(b)fluoranthene

Concen: 47.700 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.018 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

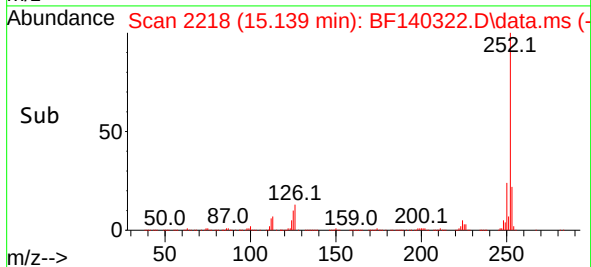
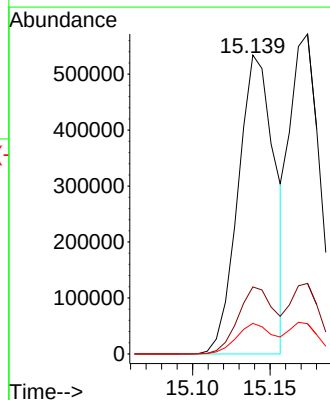
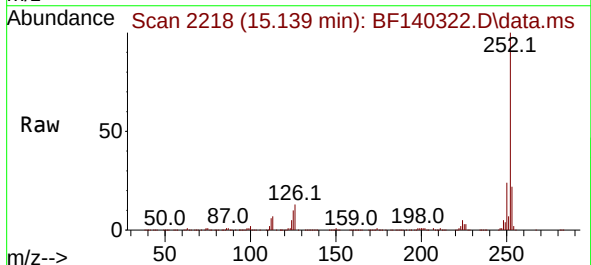
Tgt Ion:252 Resp: 875571

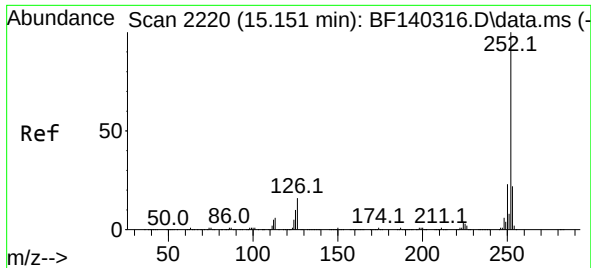
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.2 7.8 11.8





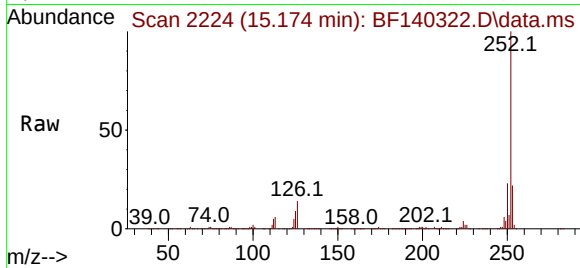
#89
Benzo(k)fluoranthene
Concen: 49.968 ng
RT: 15.174 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS



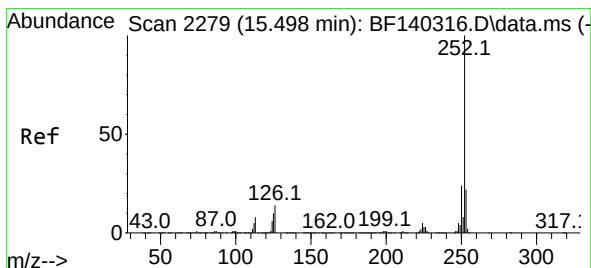
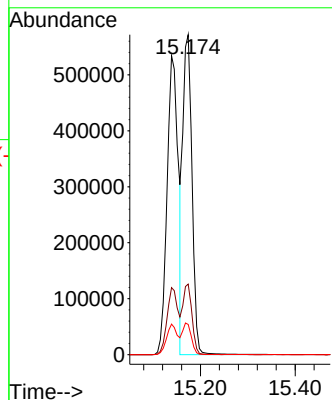
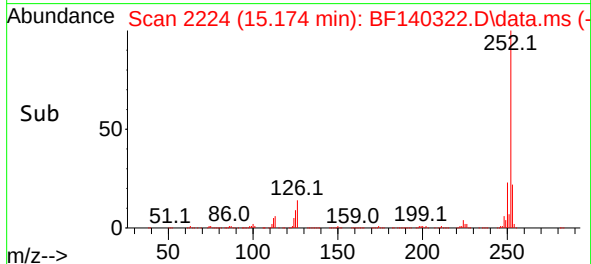
Tgt Ion:252 Resp: 771209
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.5 7.9 11.9

Manual Integrations

APPROVED

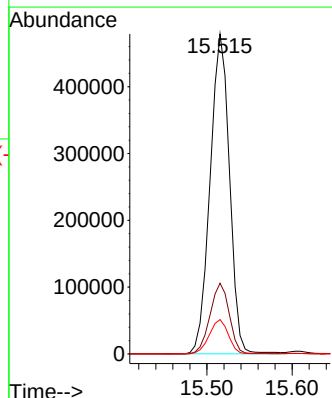
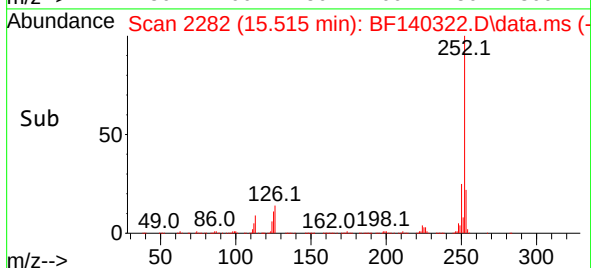
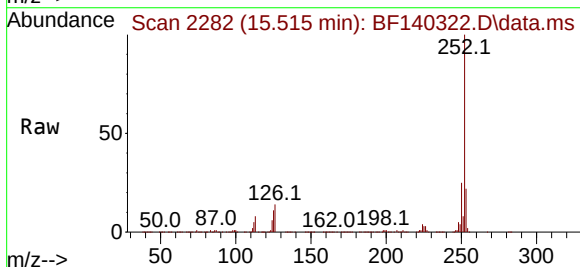
Reviewed By :Yogesh Patel 11/12/2024

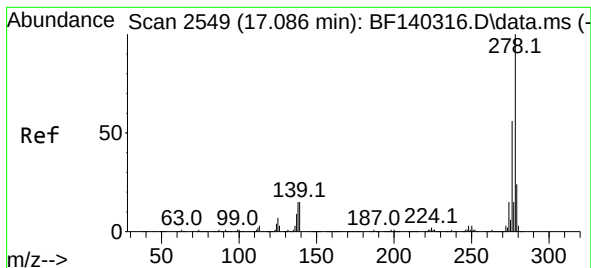
Supervised By :mohammad ahmed 11/13/2024



#90
Benzo(a)pyrene
Concen: 51.141 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.018 min
Lab File: BF140322.D
Acq: 11 Nov 2024 17:32

Tgt Ion:252 Resp: 758083
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 48.983 ng

RT: 17.109 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Instrument :

BNA_F

ClientSampleId :

PB164848BS

Tgt Ion:278 Resp: 72381

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

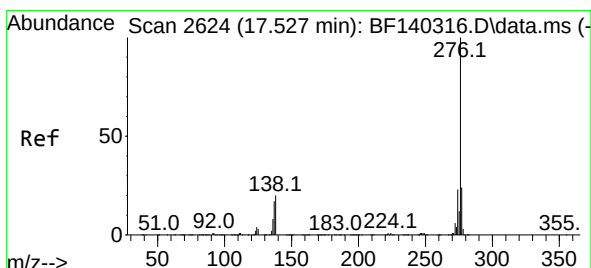
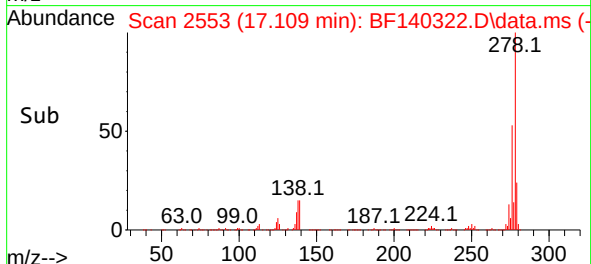
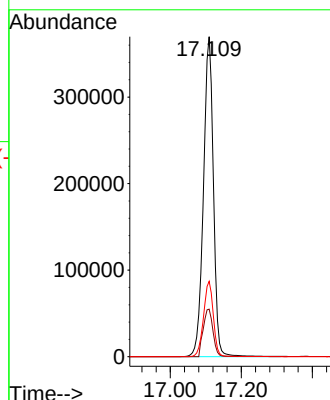
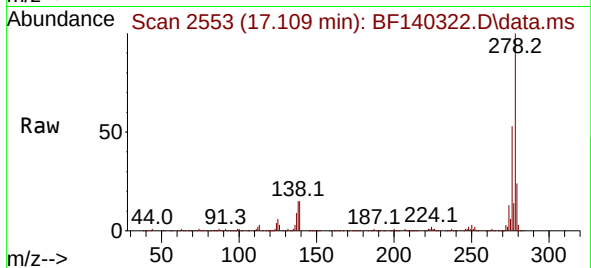
279 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/13/2024



#92

Benzo(g,h,i)perylene

Concen: 44.215 ng

RT: 17.545 min Scan# 2627

Delta R.T. 0.018 min

Lab File: BF140322.D

Acq: 11 Nov 2024 17:32

Tgt Ion:276 Resp: 674425

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 20.5 16.0 24.0

