

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140136.D
 Acq On : 30 Oct 2024 02:56
 Operator : RC/JU
 Sample : PB164500BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164500BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 03:44:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	136623	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	537858	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	301173	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	487755	20.000	ng	0.00
76) Chrysene-d12	14.057	240	271029	20.000	ng	0.00
86) Perylene-d12	15.533	264	240894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1029081	117.917	ng	0.02
7) Phenol-d6	6.516	99	1296553	114.708	ng	0.00
23) Nitrobenzene-d5	7.451	82	879457	90.624	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	327925	116.406	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1543263	84.687	ng	0.00
79) Terphenyl-d14	12.998	244	1403382	84.374	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	137302	33.743	ng	99
3) Pyridine	3.540	79	366687	36.356	ng	98
4) n-Nitrosodimethylamine	3.493	42	222286	41.021	ng	96
6) Aniline	6.551	93	354485	33.651	ng	99
8) 2-Chlorophenol	6.675	128	400242	44.861	ng	99
9) Benzaldehyde	6.439	77	75863	11.931	ng	99
10) Phenol	6.534	94	497354m	42.680	ng	
11) bis(2-Chloroethyl)ether	6.628	93	383979	42.632	ng	100
12) 1,3-Dichlorobenzene	6.833	146	424271	41.427	ng	99
13) 1,4-Dichlorobenzene	6.910	146	424558	41.493	ng	99
14) 1,2-Dichlorobenzene	7.057	146	412648	43.212	ng	99
15) Benzyl Alcohol	7.028	79	376323	45.388	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	670757	43.675	ng	98
17) 2-Methylphenol	7.139	107	336464	44.227	ng	97
18) Hexachloroethane	7.404	117	156528	42.899	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	298728	43.576	ng	98
20) 3+4-Methylphenols	7.292	107	407972	41.926	ng	# 79
22) Acetophenone	7.298	105	552225	41.918	ng	98
24) Nitrobenzene	7.475	77	452273	42.507	ng	100
25) Isophorone	7.710	82	819186	44.475	ng	100
26) 2-Nitrophenol	7.786	139	201989	50.322	ng	99
27) 2,4-Dimethylphenol	7.822	122	337919	50.488	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	487733	43.705	ng	99
29) 2,4-Dichlorophenol	8.028	162	333410	43.734	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	351000	41.609	ng	99
31) Naphthalene	8.192	128	1163976	41.961	ng	100
32) Benzoic acid	7.928	122	194228	33.272	ng	98
33) 4-Chloroaniline	8.233	127	139265	14.723	ng	100
34) Hexachlorobutadiene	8.310	225	230454	43.480	ng	99
35) Caprolactam	8.610	113	98272m	40.541	ng	
36) 4-Chloro-3-methylphenol	8.722	107	370737	43.918	ng	99
37) 2-Methylnaphthalene	8.886	142	729761	42.956	ng	100
38) 1-Methylnaphthalene	8.986	142	683835	41.027	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	352424	43.374	ng	99
41) Hexachlorocyclopentadiene	9.033	237	354841	125.511	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	246890	42.918	ng	99

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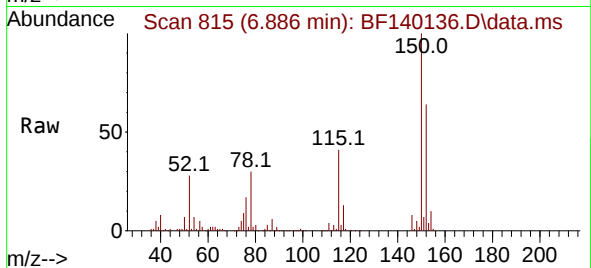
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	245889	41.430	ng	100
46) 1,1'-Biphenyl	9.351	154	891022	42.498	ng	99
47) 2-Chloronaphthalene	9.375	162	696883	41.269	ng	99
48) 2-Nitroaniline	9.469	65	252979	48.983	ng	96
49) Acenaphthylene	9.792	152	1097165	44.943	ng	100
50) Dimethylphthalate	9.651	163	856671	45.666	ng	100
51) 2,6-Dinitrotoluene	9.710	165	183274	45.121	ng	99
52) Acenaphthene	9.963	154	701125	44.396	ng	98
53) 3-Nitroaniline	9.874	138	114493	27.334	ng	100
54) 2,4-Dinitrophenol	9.980	184	109411	66.070	ng	# 1
55) Dibenzofuran	10.133	168	960055	42.371	ng	99
56) 4-Nitrophenol	10.033	139	246089	76.364	ng	95
57) 2,4-Dinitrotoluene	10.116	165	245230	49.096	ng	99
58) Fluorene	10.480	166	713243	41.329	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	189489	40.727	ng	99
60) Diethylphthalate	10.351	149	824747	44.777	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	375291	43.061	ng	99
62) 4-Nitroaniline	10.492	138	170413	43.076	ng	97
63) Azobenzene	10.627	77	820131	42.000	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	79418	39.918	ng	95
66) n-Nitrosodiphenylamine	10.586	169	671788	46.018	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	236888	47.144	ng	99
68) Hexachlorobenzene	11.027	284	252331	44.651	ng	97
69) Atrazine	11.116	200	220024	55.639	ng	99
70) Pentachlorophenol	11.216	266	239452	69.816	ng	99
71) Phenanthrene	11.439	178	995966	43.229	ng	100
72) Anthracene	11.492	178	1020074	45.378	ng	100
73) Carbazole	11.645	167	861313	41.199	ng	100
74) Di-n-butylphthalate	11.974	149	1176478	48.708	ng	100
75) Fluoranthene	12.627	202	940468	40.379	ng	99
77) Benzidine	12.745	184	195099	43.777	ng	98
78) Pyrene	12.857	202	940745	39.654	ng	100
80) Butylbenzylphthalate	13.474	149	395173	55.560	ng	99
81) Benzo(a)anthracene	14.045	228	789939	44.773	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	151550	29.461	ng	99
83) Chrysene	14.086	228	755739	46.718	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	506603	63.485	ng	100
85) Di-n-octyl phthalate	14.645	149	842778	58.065	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	578677	37.340	ng	98
88) Benzo(b)fluoranthene	15.104	252	694535	47.330	ng	99
89) Benzo(k)fluoranthene	15.133	252	661511	52.271	ng	99
90) Benzo(a)pyrene	15.474	252	590526	48.907	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	481078	37.211	ng	98
92) Benzo(g,h,i)perylene	17.492	276	426288	33.011	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

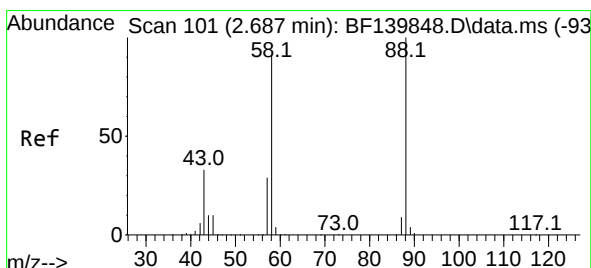
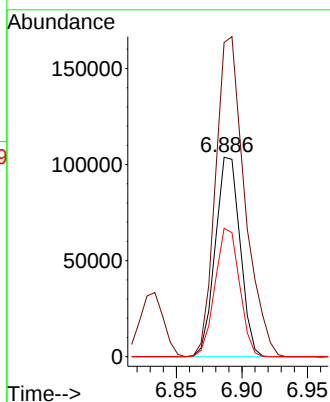
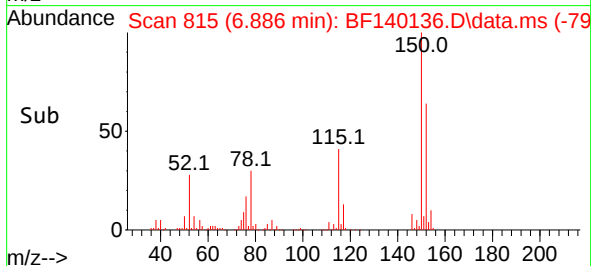
Instrument :
BNA_F
ClientSampleId :
PB164500BS



Tgt Ion:152 Resp: 13662
Ion Ratio Lower Upper
152 100
150 157.4 130.2 195.2
115 64.4 51.4 77.2

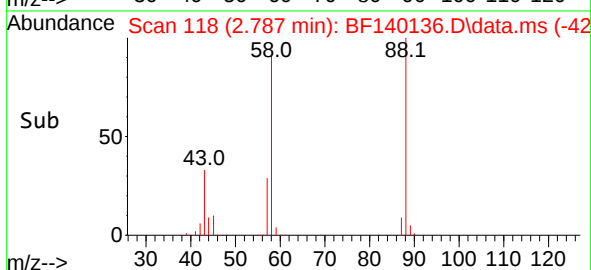
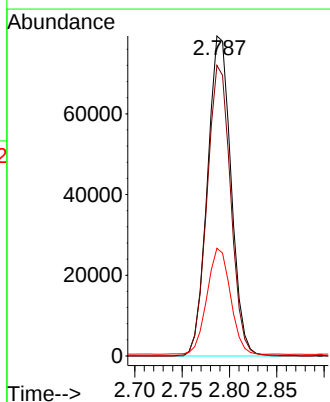
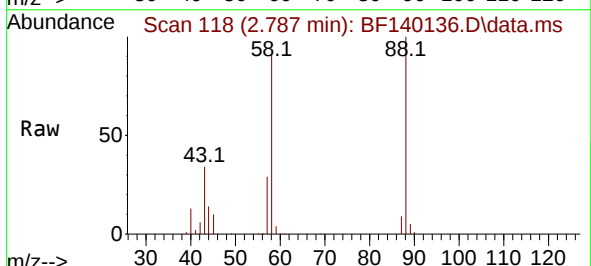
Manual Integrations
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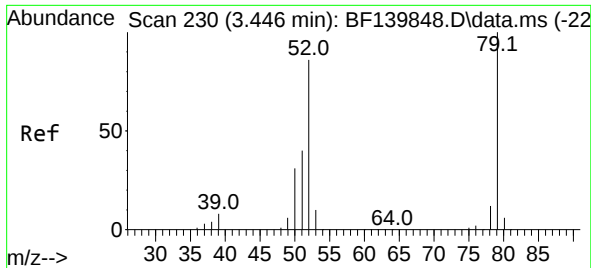
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#2
1,4-Dioxane
Concen: 33.743 ng
RT: 2.787 min Scan# 118
Delta R.T. 0.100 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion: 88 Resp: 137302
Ion Ratio Lower Upper
88 100
58 90.9 73.3 109.9
43 32.8 27.1 40.7





#3

Pyridine

Concen: 36.356 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.094 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

Tgt Ion: 79 Resp: 36668

Ion Ratio Lower Upper

79 100

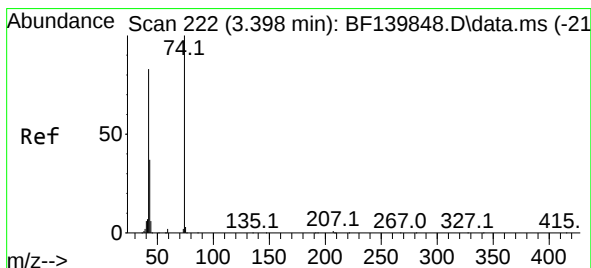
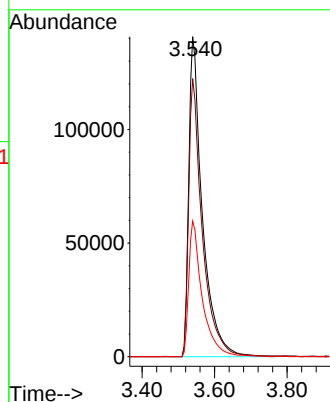
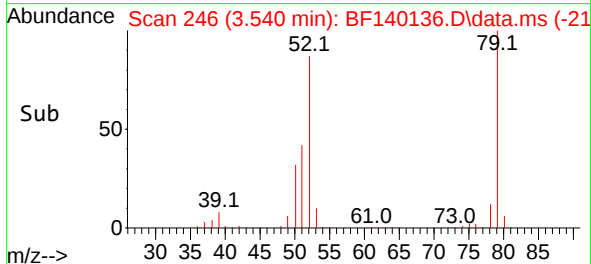
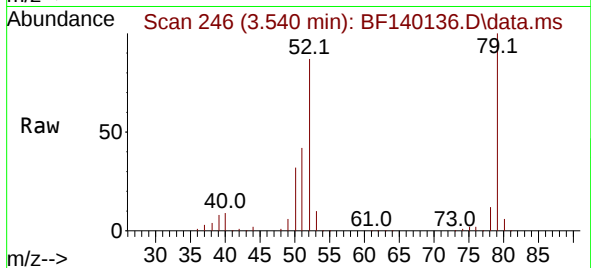
52 86.9 68.5 102.7

51 42.4 32.3 48.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.021 ng

RT: 3.493 min Scan# 238

Delta R.T. 0.094 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

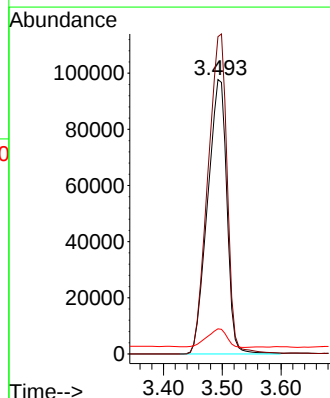
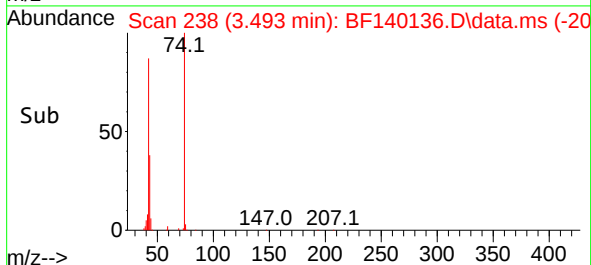
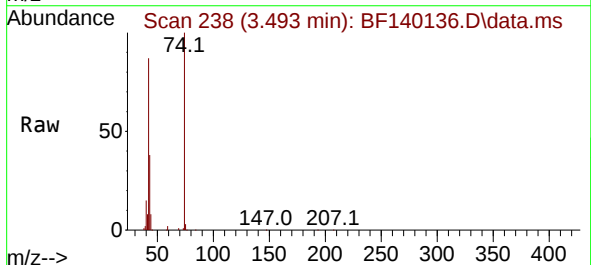
Tgt Ion: 42 Resp: 222286

Ion Ratio Lower Upper

42 100

74 115.6 96.2 144.4

44 9.2 6.2 9.2





#5
2-Fluorophenol
Concen: 117.917 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

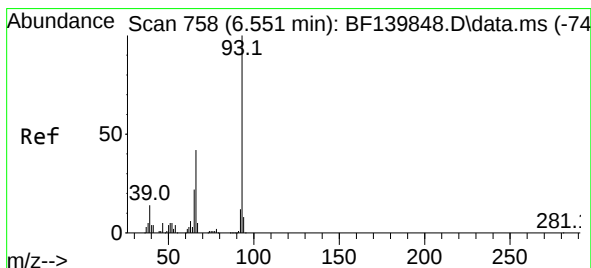
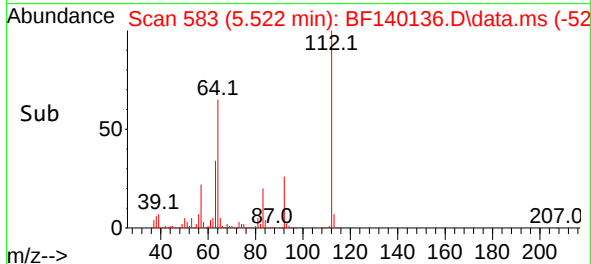
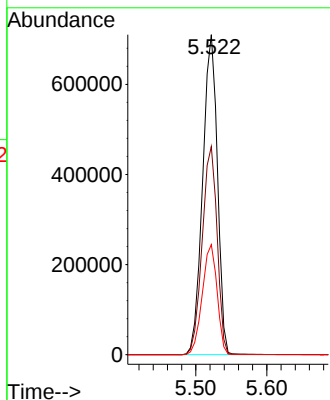
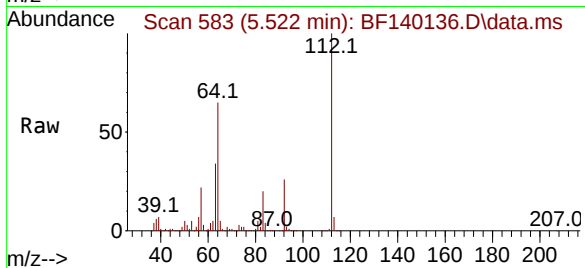
ClientSampleId :

PB164500BS

Tgt Ion:112 Resp: 102908
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 34.4 27.0 40.4

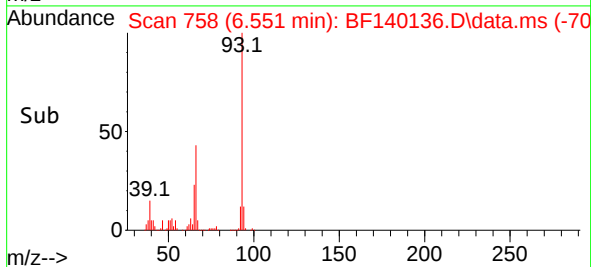
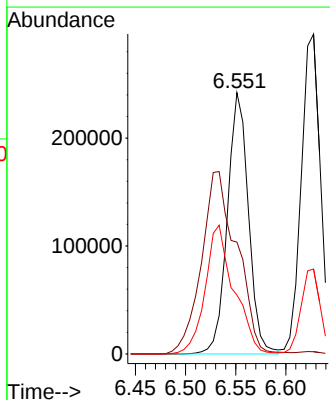
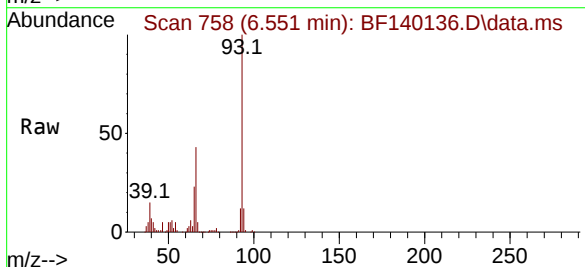
Manual Integrations
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#6
Aniline
Concen: 33.651 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

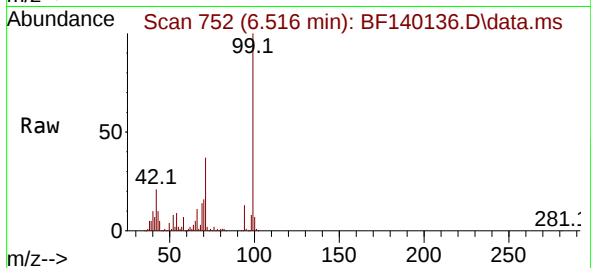
Tgt Ion: 93 Resp: 354485
Ion Ratio Lower Upper
93 100
66 42.8 34.0 51.0
65 22.5 17.4 26.0





#7
Phenol-d6
Concen: 114.708 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

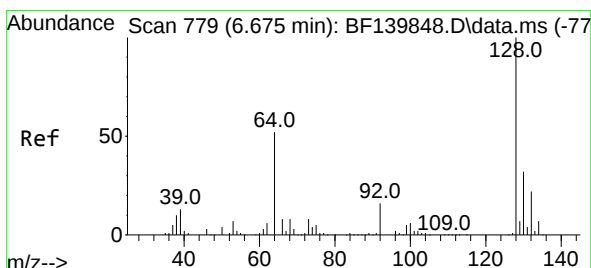
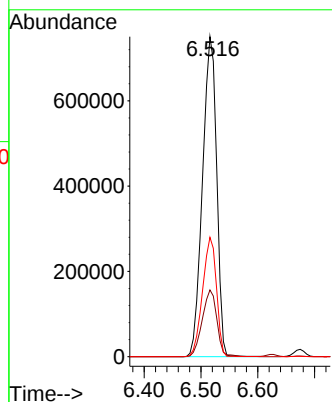
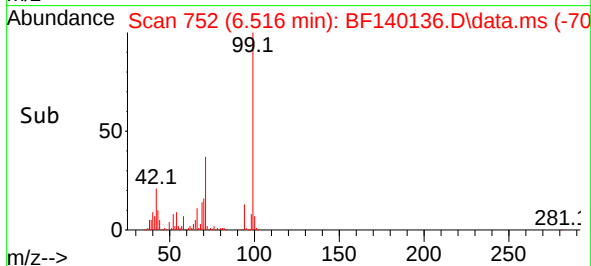
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 129655
Ion Ratio Lower Upper
99 100
42 20.8 16.7 25.1
71 37.3 27.7 41.5

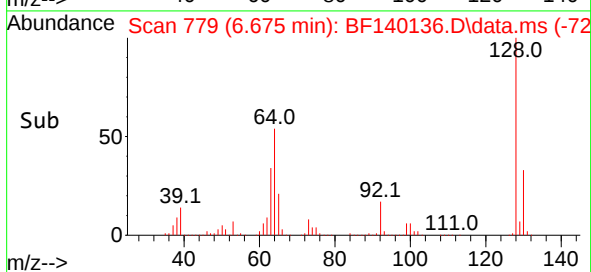
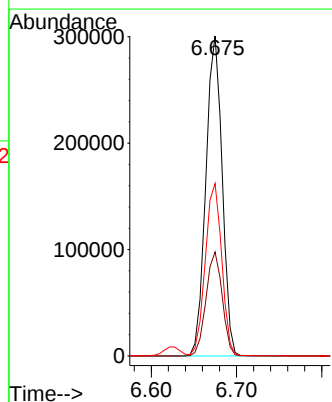
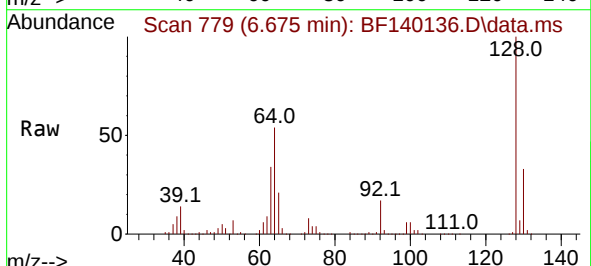
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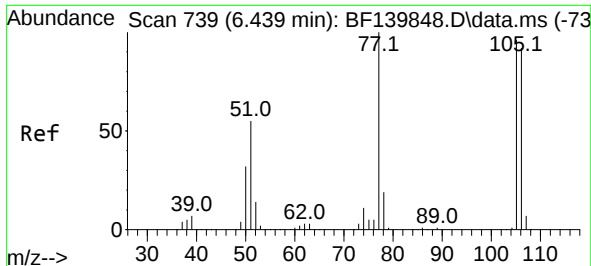
Reviewed By :Jagrut Upadhyay 10/30/2024
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#8
2-Chlorophenol
Concen: 44.861 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:128 Resp: 400242
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 53.9 34.6 74.6





#9
Benzaldehyde
Concen: 11.931 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

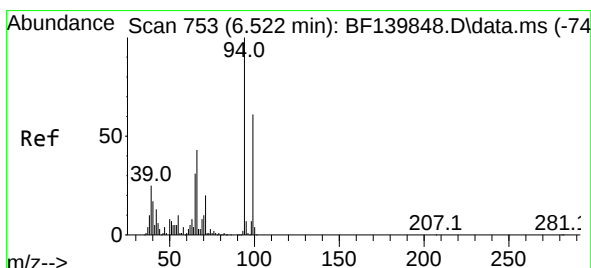
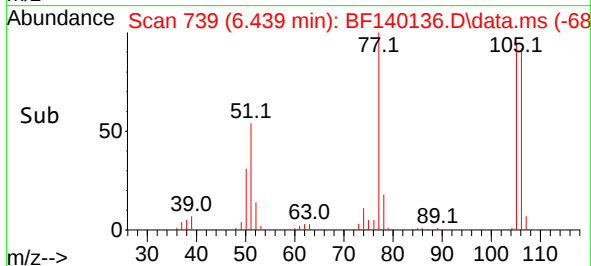
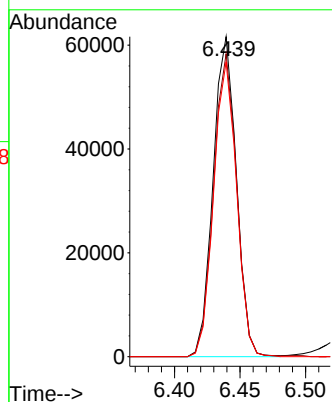
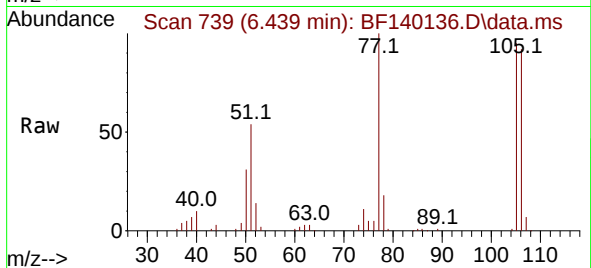
PB164500BS

Tgt Ion: 77 Resp: 7586
Ion Ratio Lower Upper
77 100
105 94.6 75.5 115.5
106 92.0 71.7 111.7

Manual Integrations

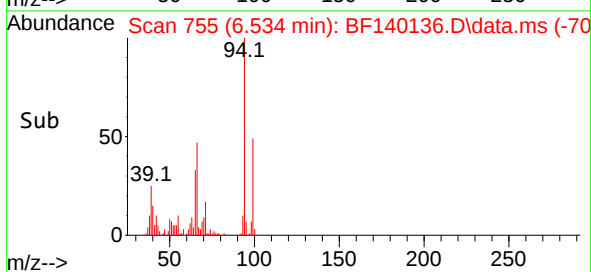
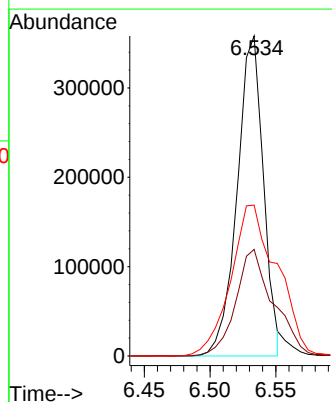
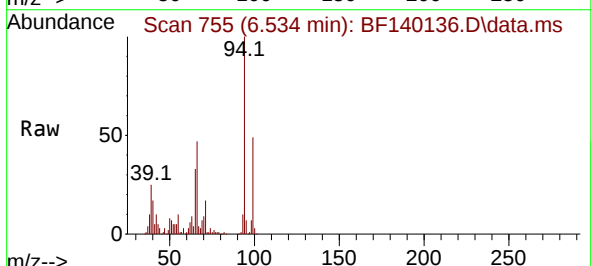
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 42.680 ng m
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

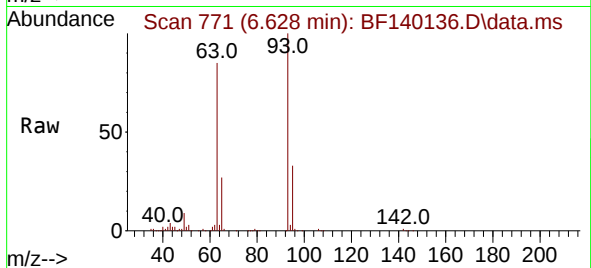
Tgt Ion: 94 Resp: 497354
Ion Ratio Lower Upper
94 100
65 33.3 11.1 51.1
66 47.2 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 42.632 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

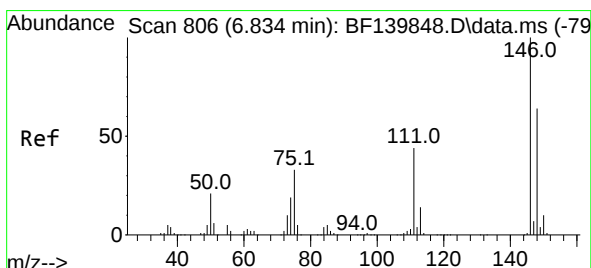
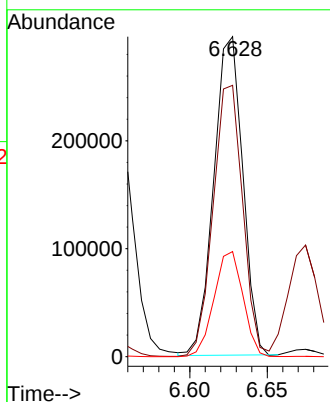
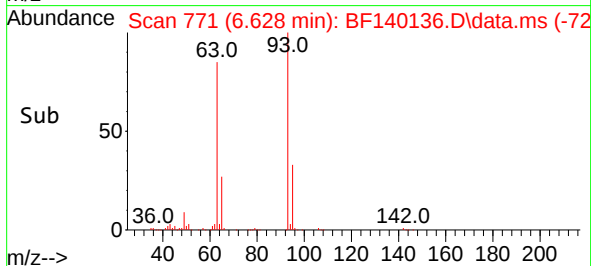
Instrument :
BNA_F
ClientSampleId :
PB164500BS



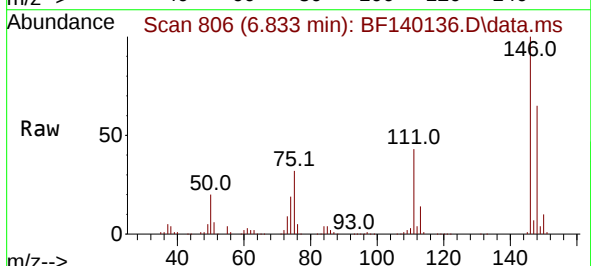
Tgt Ion: 93 Resp: 383979
Ion Ratio Lower Upper
93 100
63 84.8 65.0 105.0
95 32.9 12.4 52.4

Manual Integrations
APPROVED

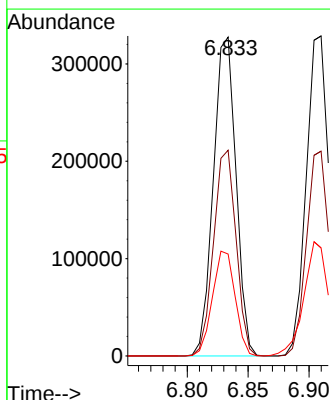
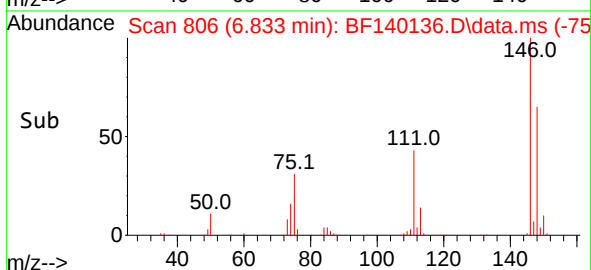
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 41.427 ng
RT: 6.833 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion:146 Resp: 424271
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 32.0 26.4 39.6





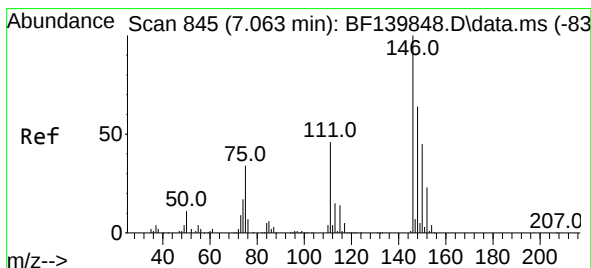
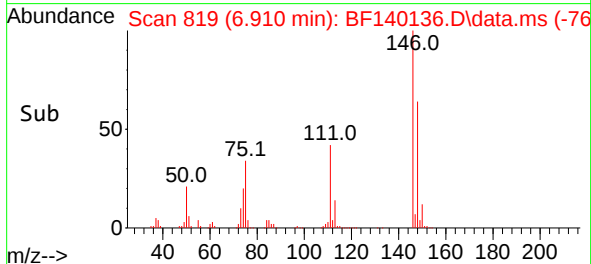
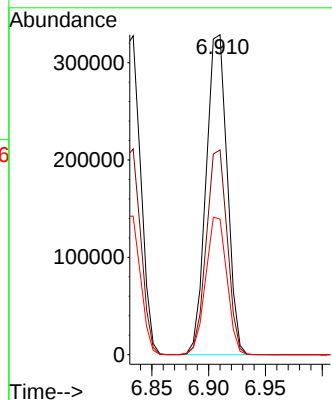
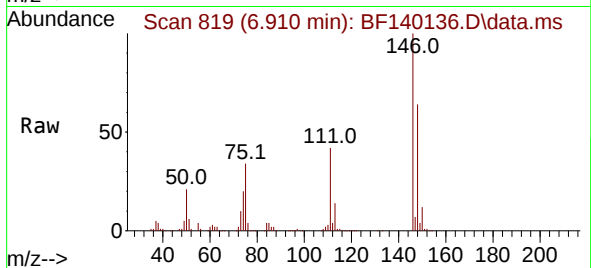
#13
1,4-Dichlorobenzene
Concen: 41.493 ng
RT: 6.910 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :
BNA_F
ClientSampleId :
PB164500BS

Tgt Ion:146 Resp: 424558
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 42.4 34.6 51.8

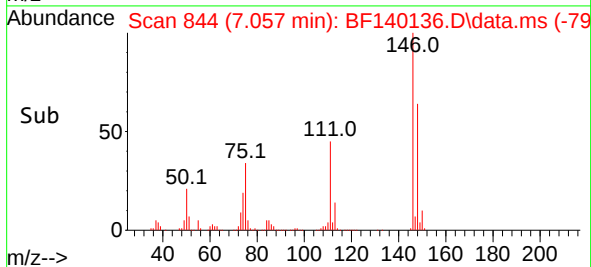
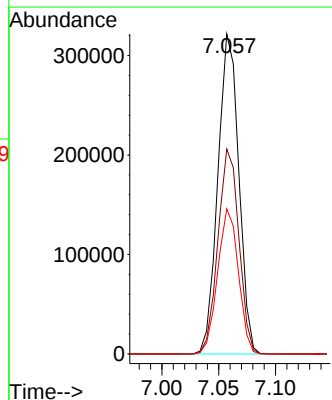
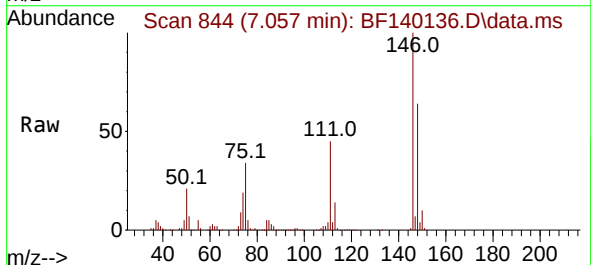
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 43.212 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:146 Resp: 412648
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 45.3 36.7 55.1





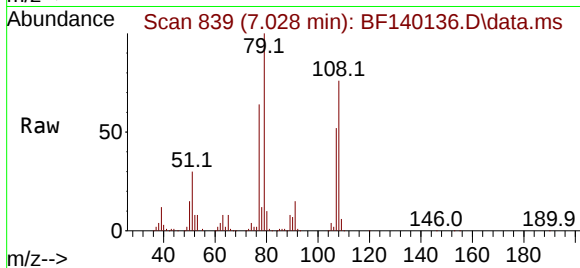
#15
Benzyl Alcohol
Concen: 45.388 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

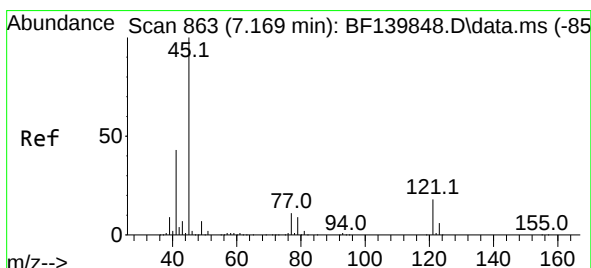
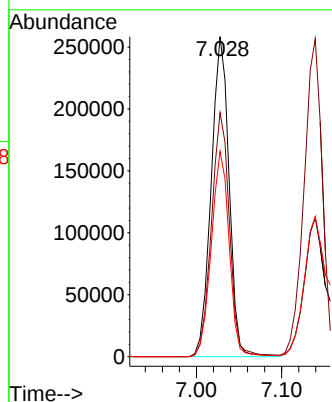
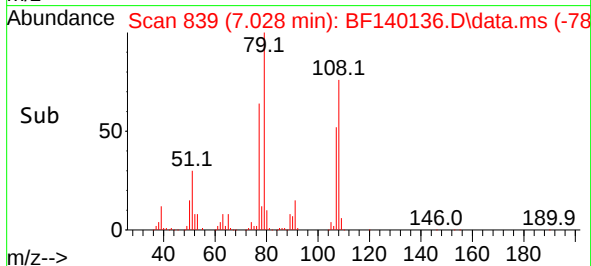


Tgt Ion: 79 Resp: 37632
Ion Ratio Lower Upper
79 100
108 76.2 61.4 92.0
77 64.1 49.9 74.9

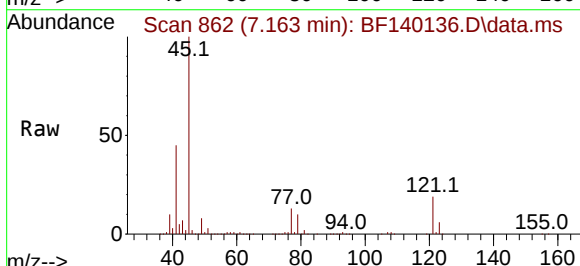
Manual Integrations

APPROVED

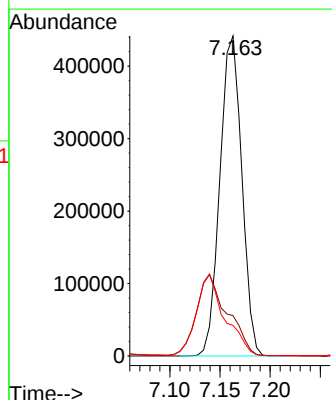
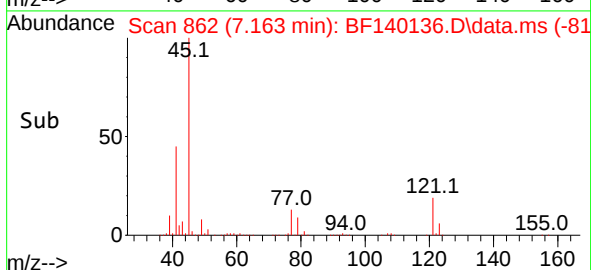
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.675 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion: 45 Resp: 670757
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.5
79 9.6 0.0 29.1





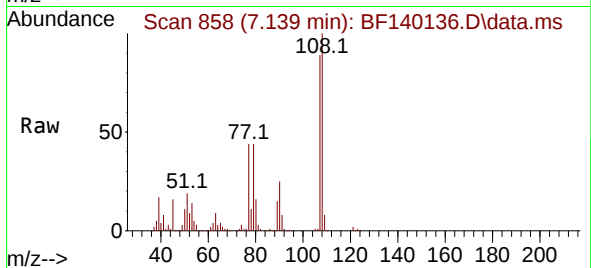
#17
2-Methylphenol
Concen: 44.227 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

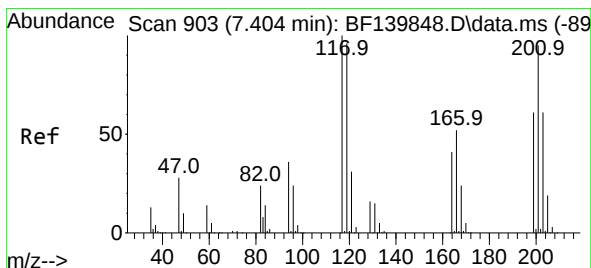
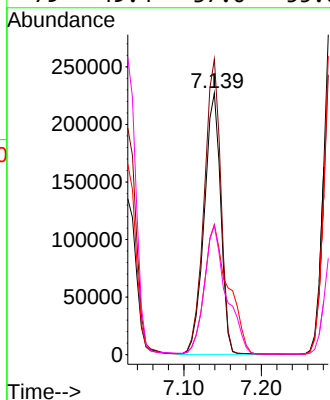
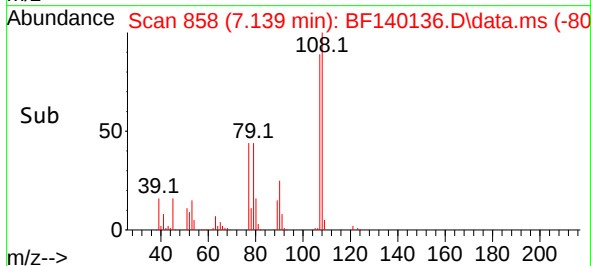


Tgt Ion:107 Resp: 336464
Ion Ratio Lower Upper
107 100
108 113.0 91.3 136.9
77 49.8 37.1 55.7
79 49.4 37.0 55.6

Manual Integrations

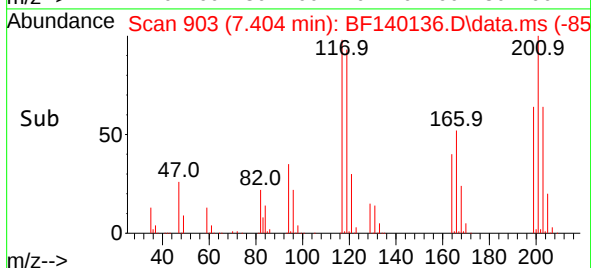
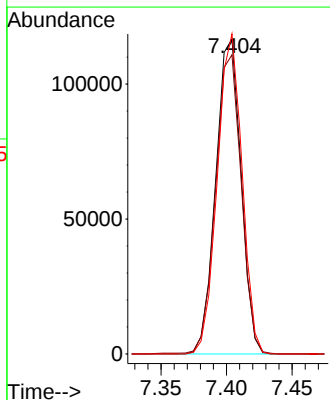
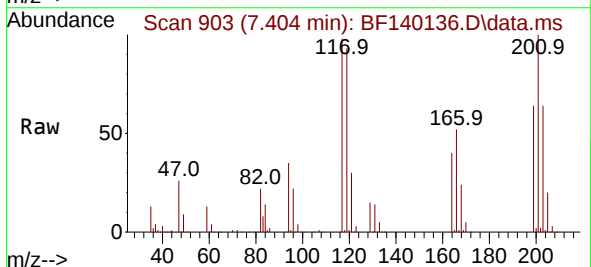
APPROVED

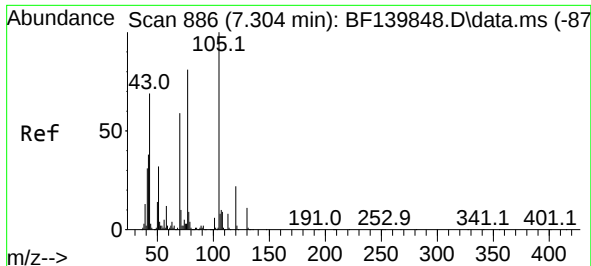
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 42.899 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:117 Resp: 156528
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4
201 101.6 76.2 114.4





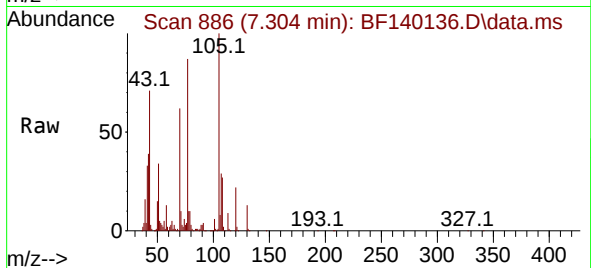
#19
n-Nitroso-di-n-propylamine
Concen: 43.576 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

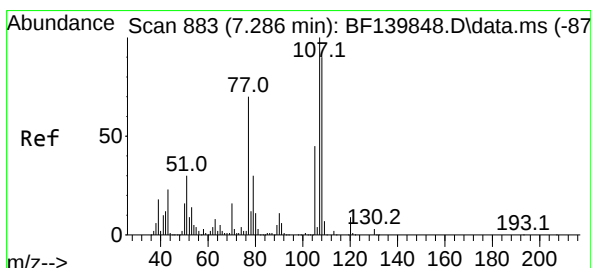
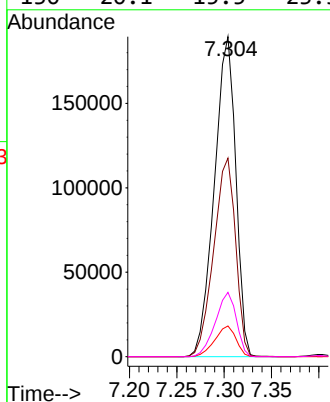
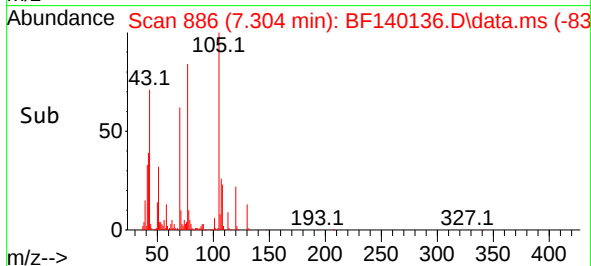


Tgt Ion:	70	Resp:	298728
Ion	Ratio	Lower	Upper
70	100		
42	62.1	51.5	77.3
101	9.6	7.5	11.3
130	20.1	15.5	23.3

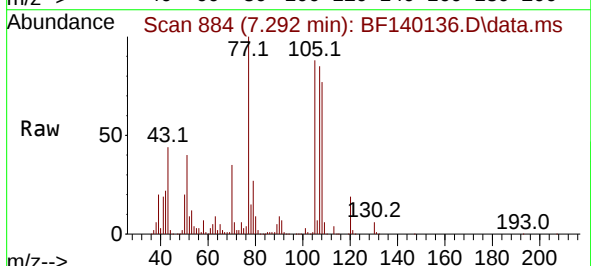
Manual Integrations

APPROVED

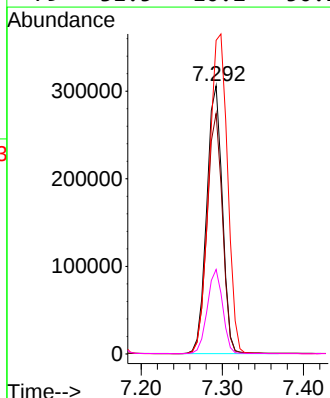
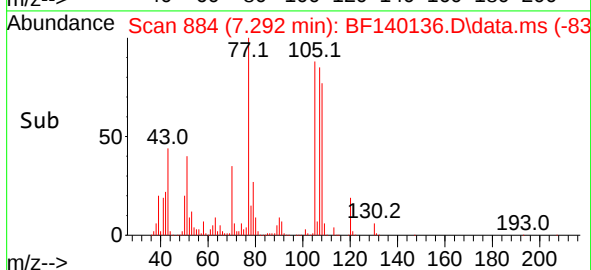
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#20
3+4-Methylphenols
Concen: 41.926 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion:	107	Resp:	407972
Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.8	109.8
77	117.0	50.5	90.5#
79	31.5	10.2	50.2





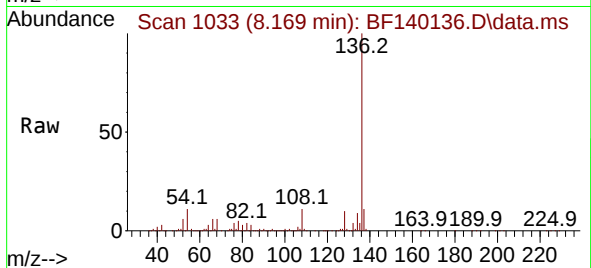
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

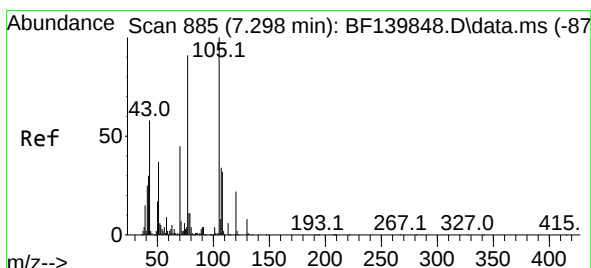
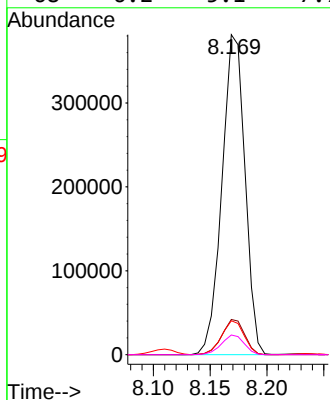
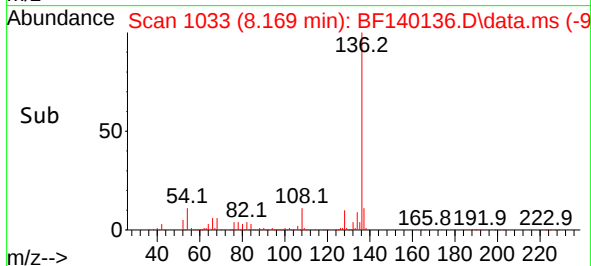


Tgt Ion:136 Resp: 53785
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.6 8.4 12.6
68 6.2 5.1 7.7

Manual Integrations

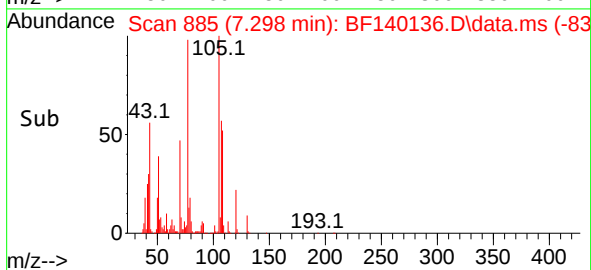
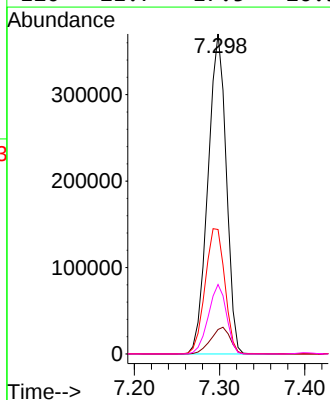
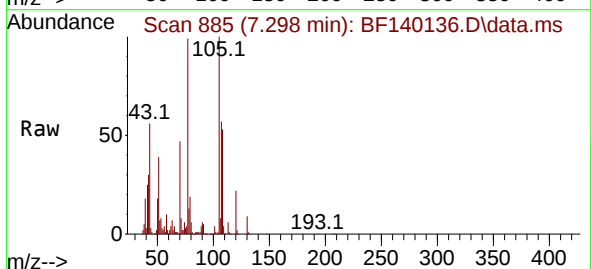
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 41.918 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:105 Resp: 552225
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 38.9 29.4 44.2
120 21.7 17.5 26.3





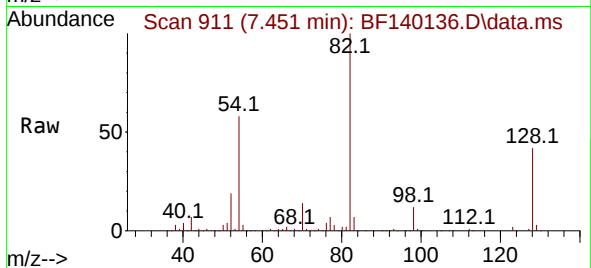
#23
Nitrobenzene-d5
Concen: 90.624 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

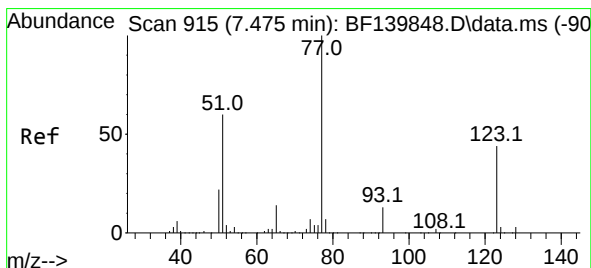
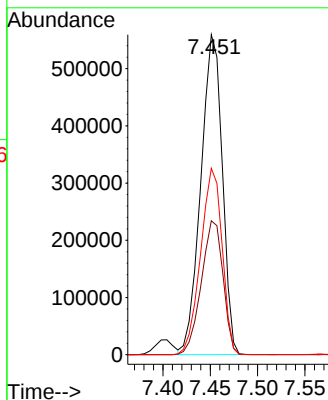
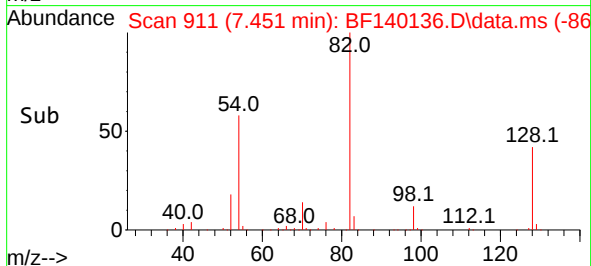


Tgt Ion: 82 Resp: 87945
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.0
54 58.3 47.8 71.8

Manual Integrations

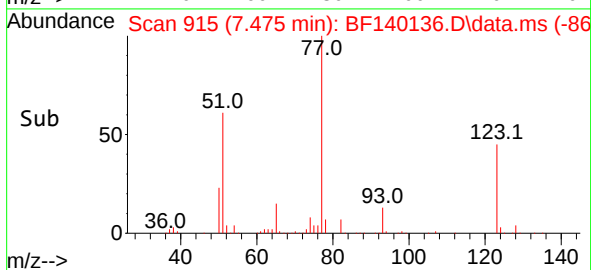
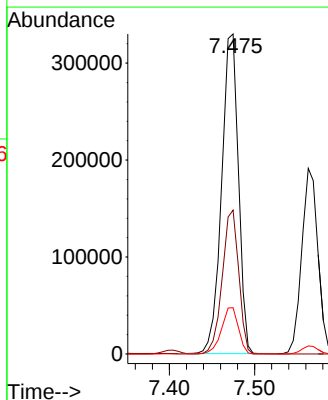
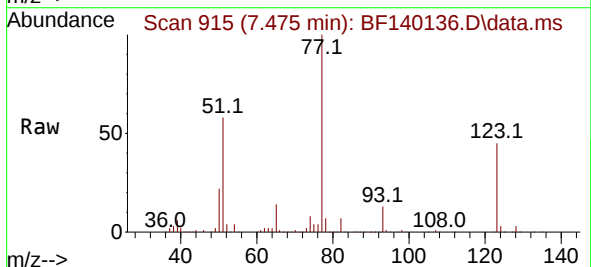
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 42.507 ng
RT: 7.475 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion: 77 Resp: 452273
Ion Ratio Lower Upper
77 100
123 45.0 35.7 53.5
65 14.4 11.5 17.3





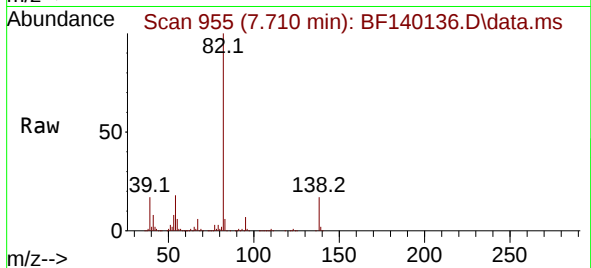
#25
Isophorone
Concen: 44.475 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

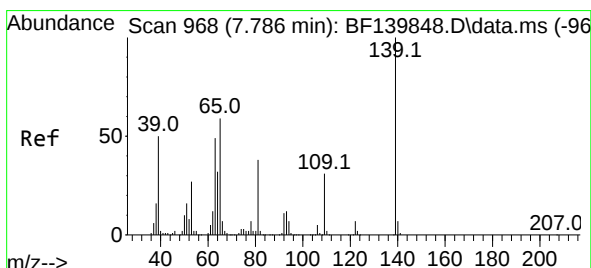
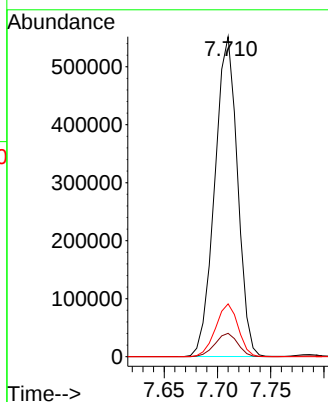
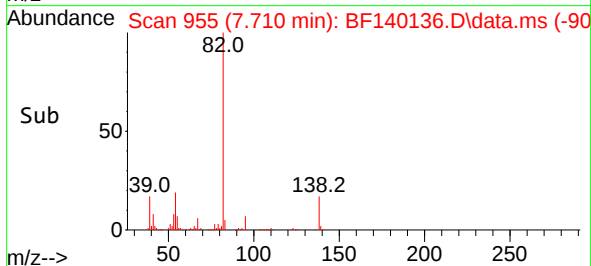


Tgt Ion: 82 Resp: 819180
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.5 13.2 19.8

Manual Integrations

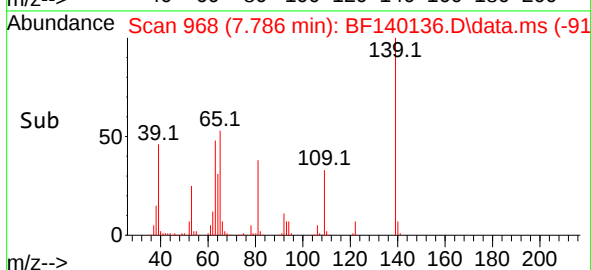
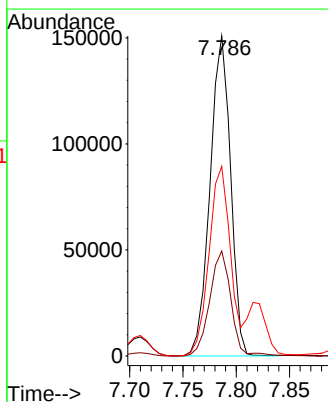
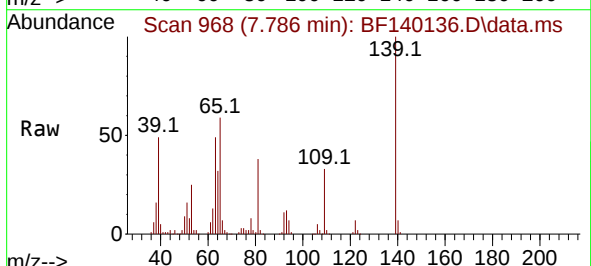
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Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 50.322 ng
RT: 7.786 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:139 Resp: 201989
Ion Ratio Lower Upper
139 100
109 32.8 25.1 37.7
65 59.3 47.5 71.3





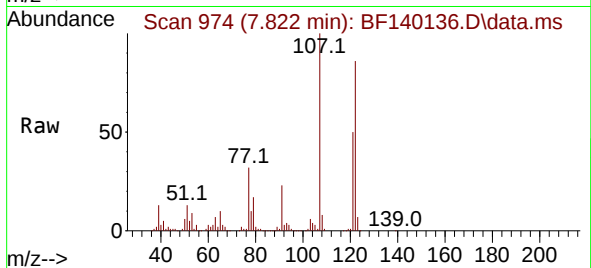
#27
2,4-Dimethylphenol
Concen: 50.488 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

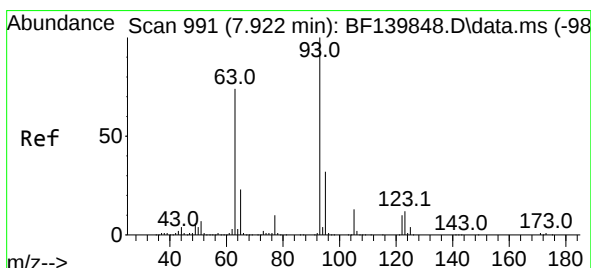
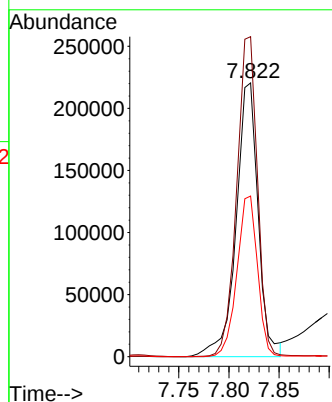
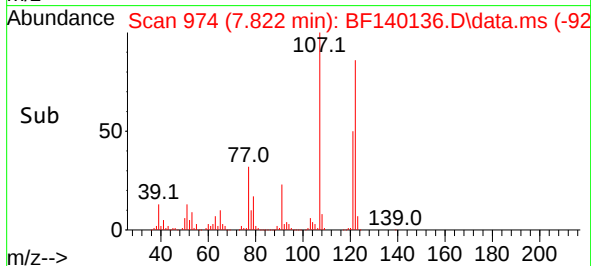


Tgt Ion:122 Resp: 337919
Ion Ratio Lower Upper
122 100
107 116.9 91.9 137.9
121 58.7 46.2 69.4

Manual Integrations

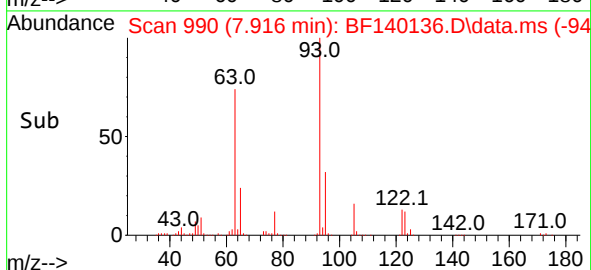
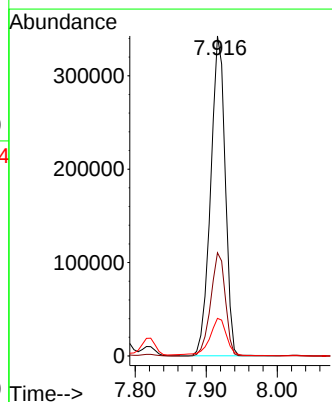
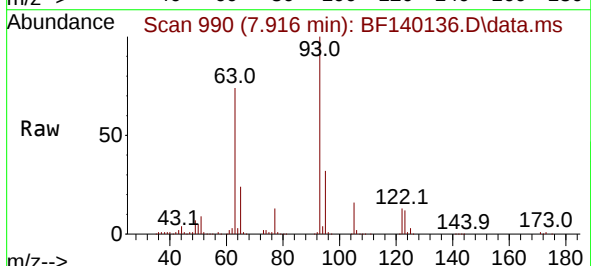
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.705 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion: 93 Resp: 487733
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 11.8 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 43.734 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

Tgt Ion:162 Resp: 333410

Ion Ratio Lower Upper

162 100

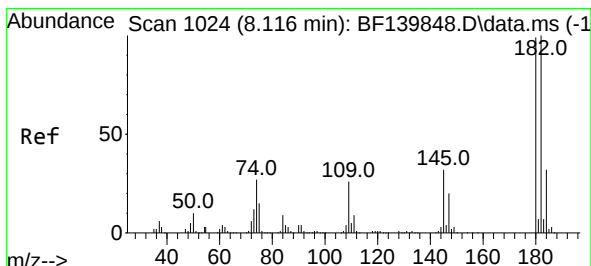
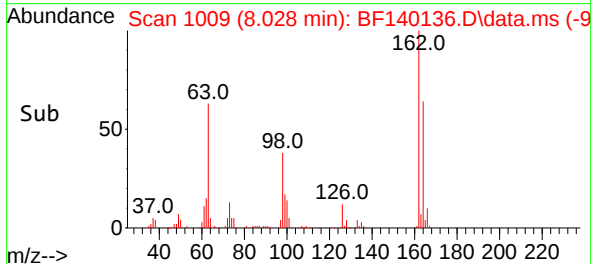
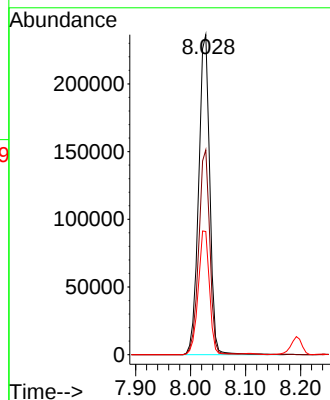
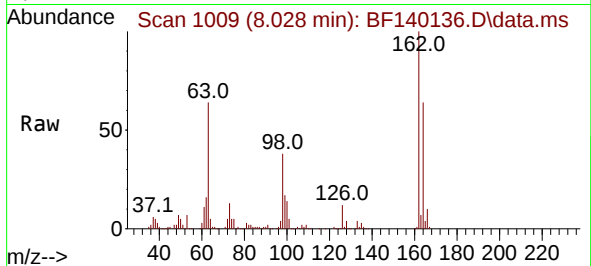
164 64.0 43.9 83.9

98 38.5 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 41.609 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

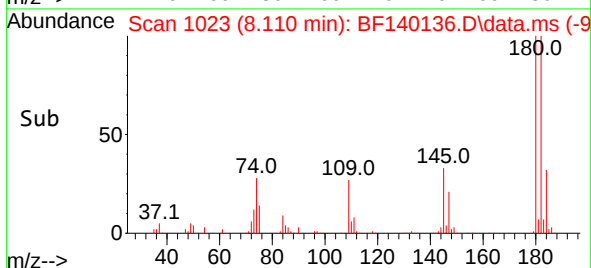
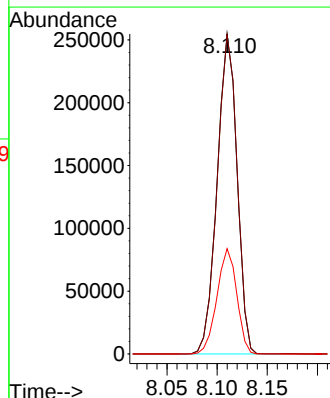
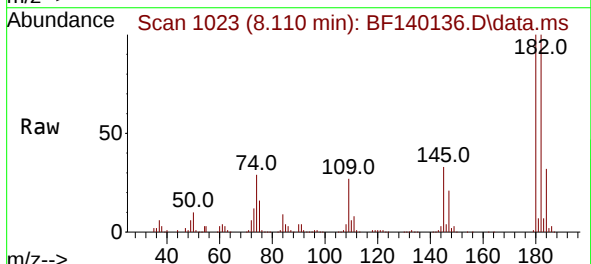
Tgt Ion:180 Resp: 351000

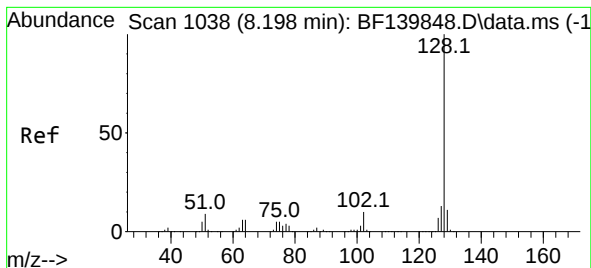
Ion Ratio Lower Upper

180 100

182 99.7 80.5 120.7

145 32.9 25.4 38.0





#31
Naphthalene
Concen: 41.961 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

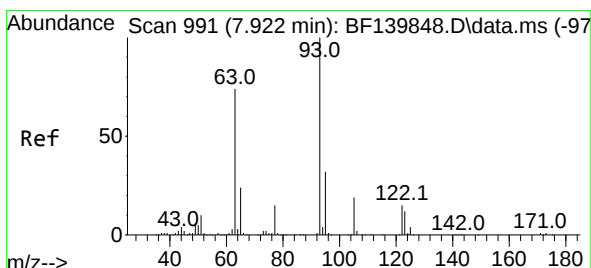
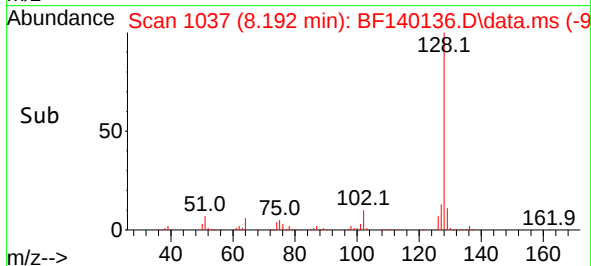
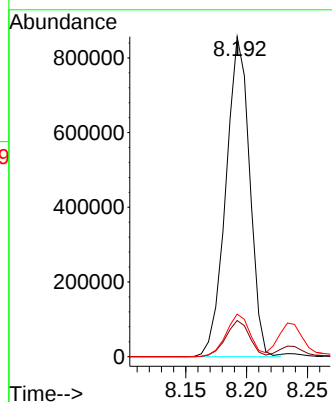
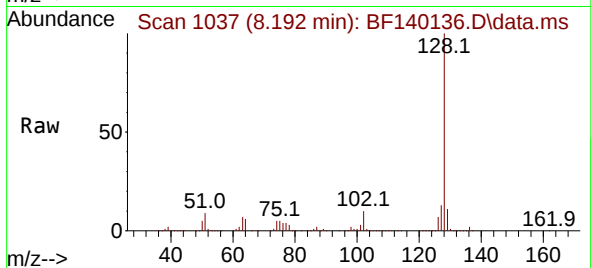
PB164500BS

Tgt Ion:128 Resp: 1163970
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 16.0

Manual Integrations

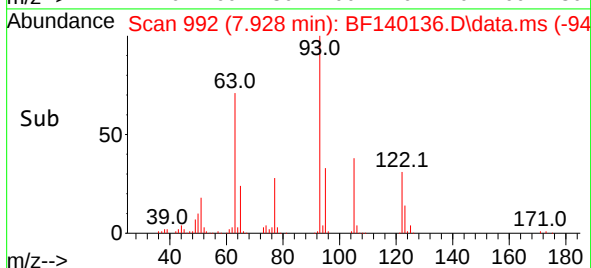
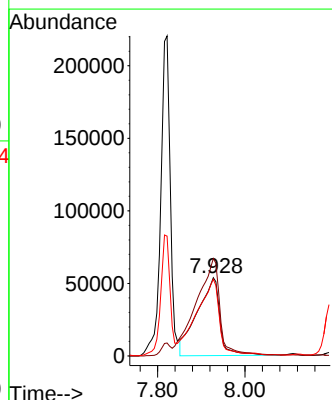
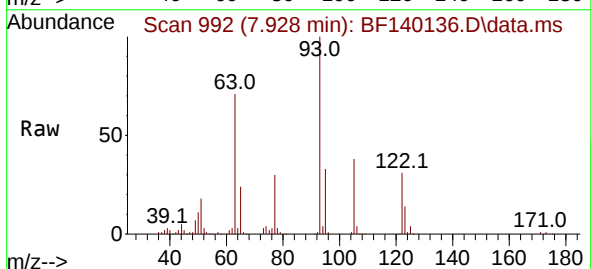
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 33.272 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:122 Resp: 194228
Ion Ratio Lower Upper
122 100
105 124.6 107.6 147.6
77 98.2 80.2 120.2





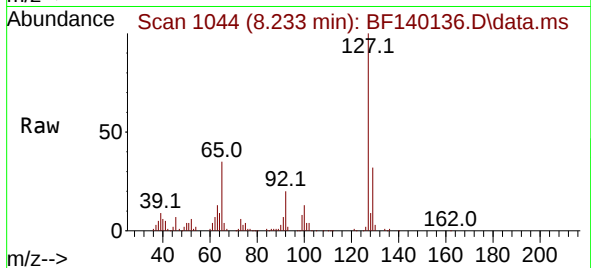
#33
4-Chloroaniline
Concen: 14.723 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

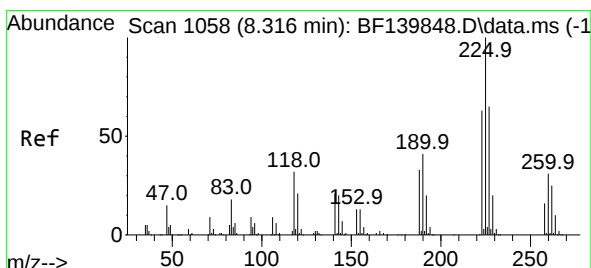
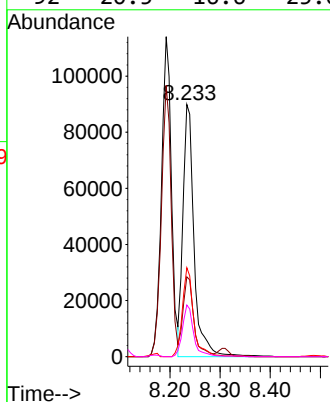
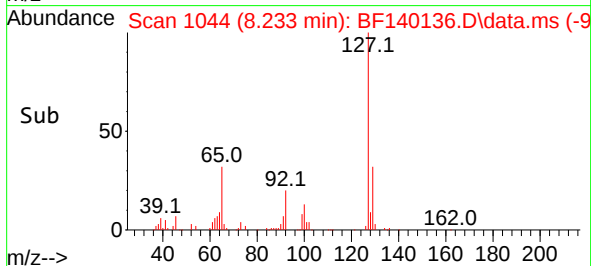


Tgt Ion:127 Resp: 13926
Ion Ratio Lower Upper
127 100
129 31.7 25.4 38.2
65 35.3 28.4 42.6
92 20.5 16.6 25.0

Manual Integrations

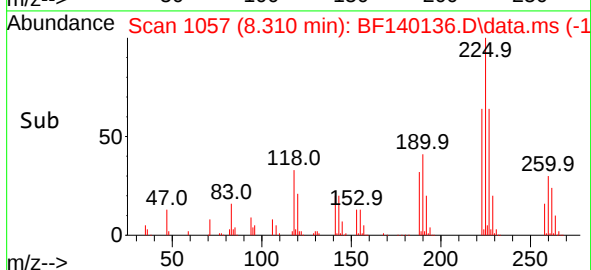
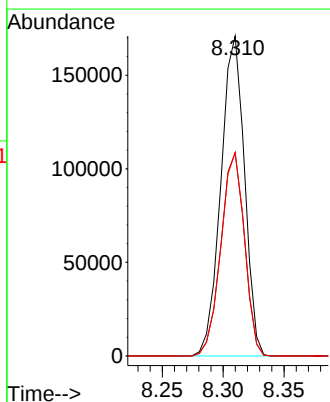
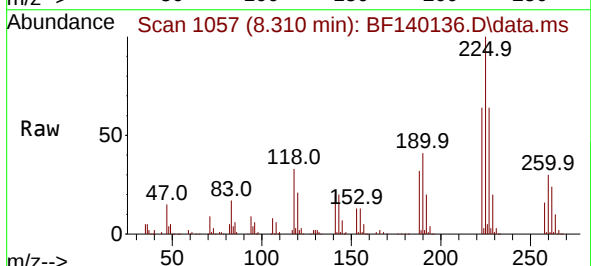
APPROVED

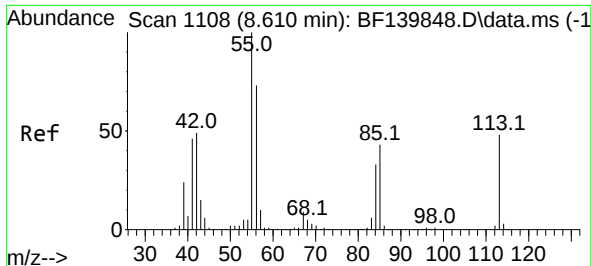
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 43.480 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:225 Resp: 230454
Ion Ratio Lower Upper
225 100
223 63.6 50.6 76.0
227 63.5 51.8 77.8





#35
Caprolactam
Concen: 40.541 ng m
RT: 8.610 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

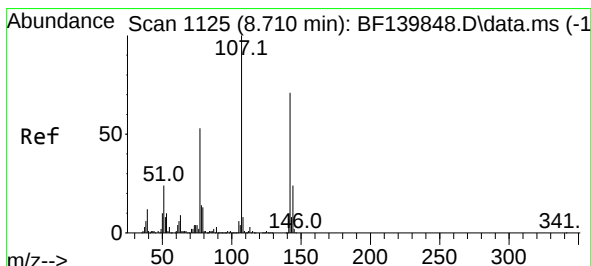
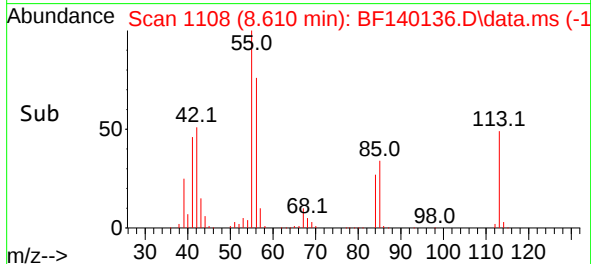
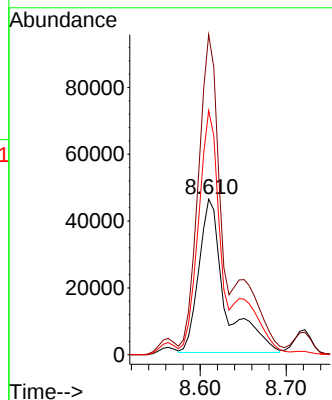
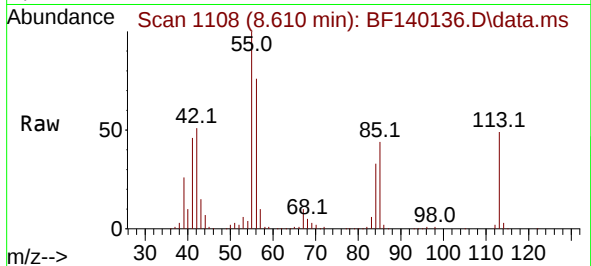
PB164500BS

Tgt Ion:113 Resp: 98272
Ion Ratio Lower Upper
113 100
55 205.7 189.2 229.2
56 156.9 132.5 172.5

Manual Integrations

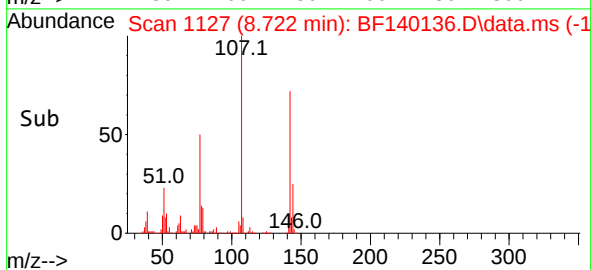
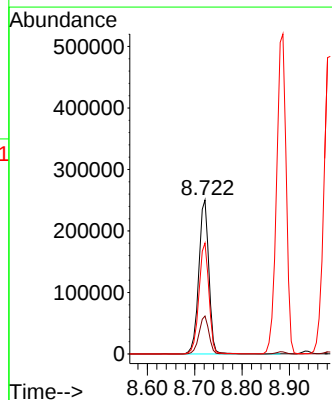
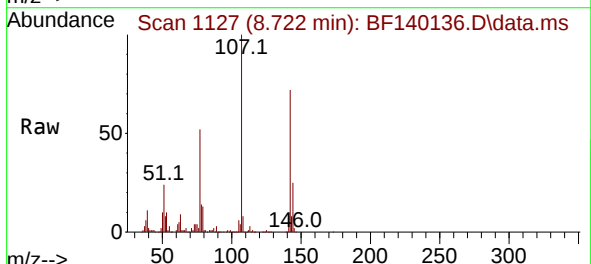
APPROVED

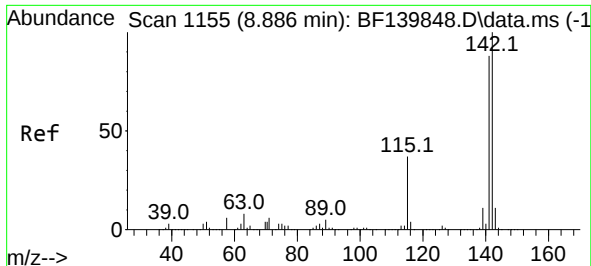
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 43.918 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.012 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:107 Resp: 370737
Ion Ratio Lower Upper
107 100
144 24.6 19.1 28.7
142 72.1 57.2 85.8





#37

2-Methylnaphthalene

Concen: 42.956 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

Tgt Ion:142 Resp: 72976

Ion Ratio Lower Upper

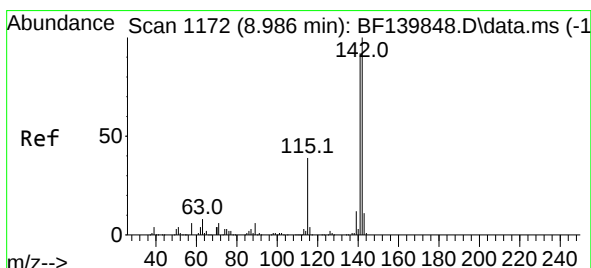
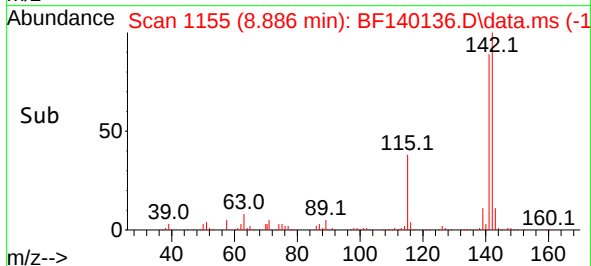
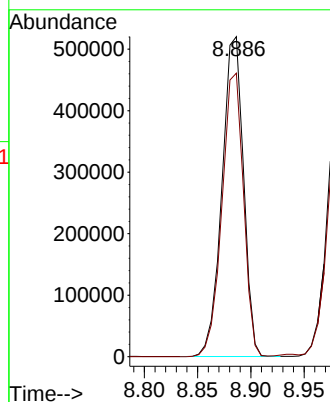
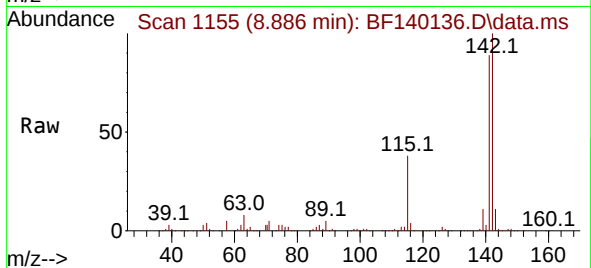
142 100

141 88.6 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#38

1-Methylnaphthalene

Concen: 41.027 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140136.D

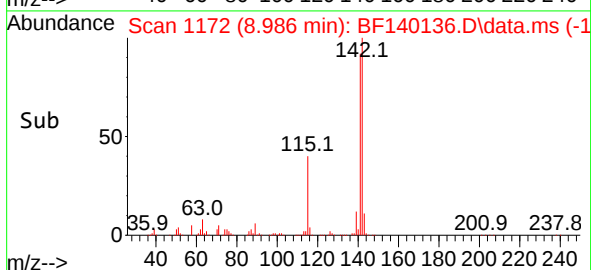
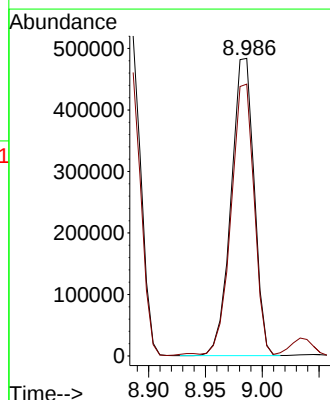
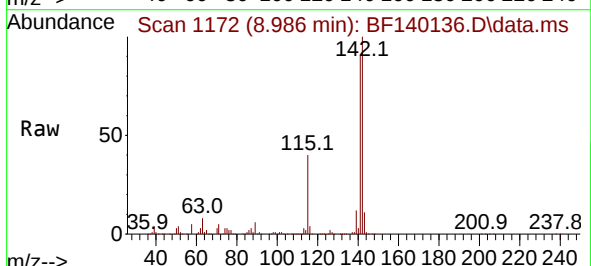
Acq: 30 Oct 2024 02:56

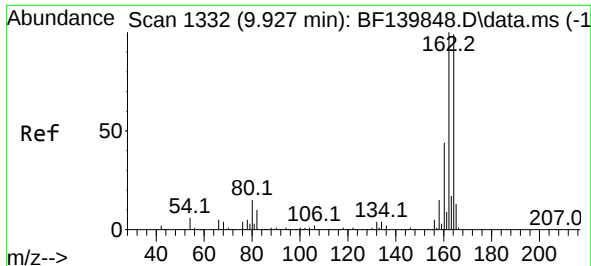
Tgt Ion:142 Resp: 683835

Ion Ratio Lower Upper

142 100

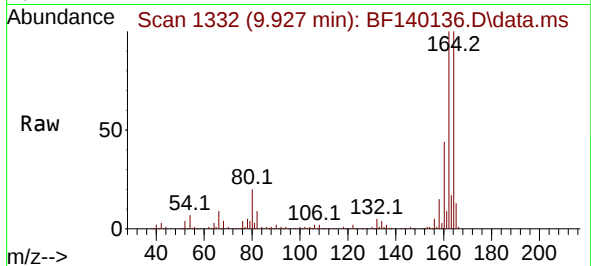
141 91.4 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

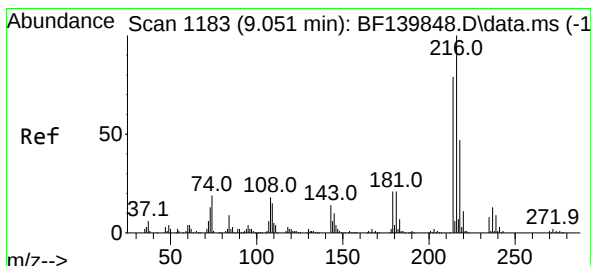
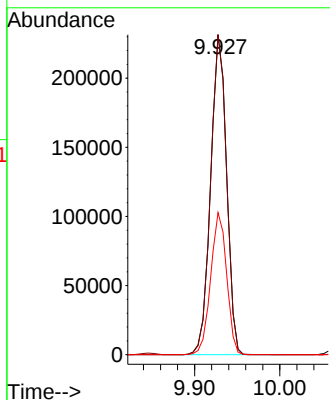
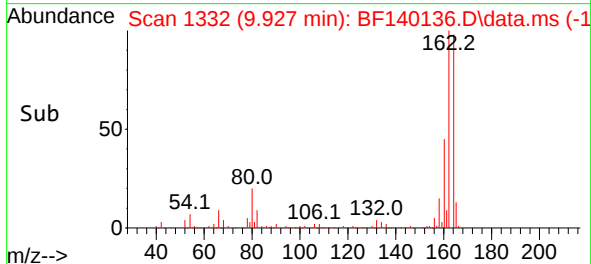
Instrument :
BNA_F
ClientSampleId :
PB164500BS



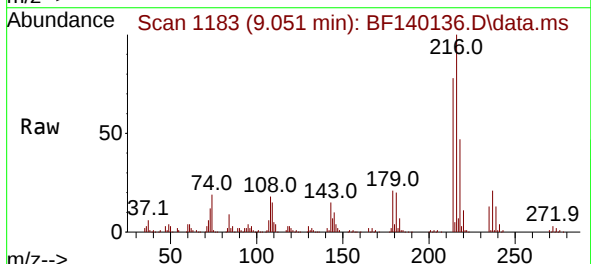
Tgt Ion:164 Resp: 30117
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.4 35.4 53.0

Manual Integrations
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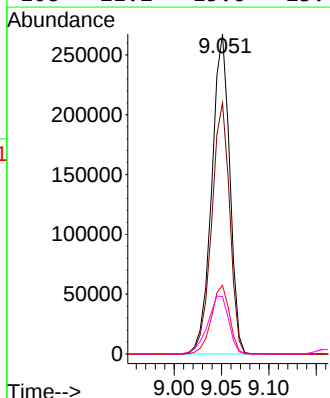
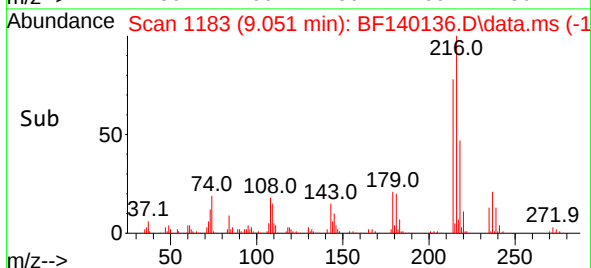
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

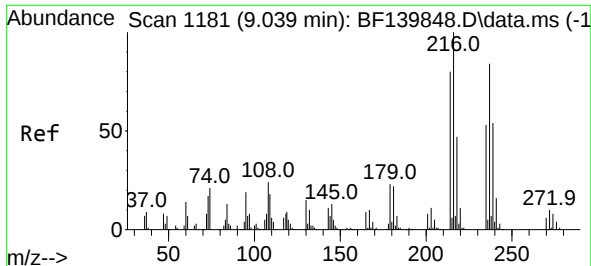


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.374 ng
RT: 9.051 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



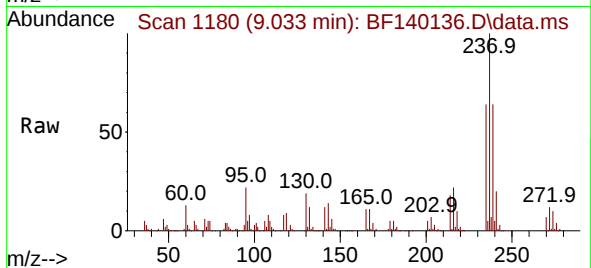
Tgt Ion:216 Resp: 352424
Ion Ratio Lower Upper
216 100
214 78.5 63.4 95.0
179 21.6 17.2 25.8
108 21.2 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 125.511 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

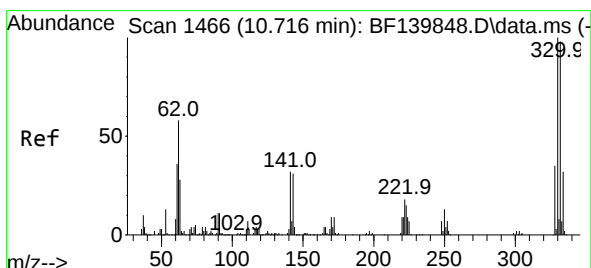
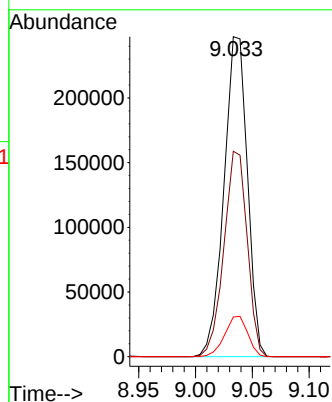
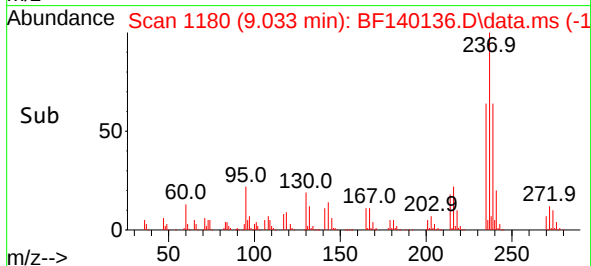
Instrument :
BNA_F
ClientSampleId :
PB164500BS



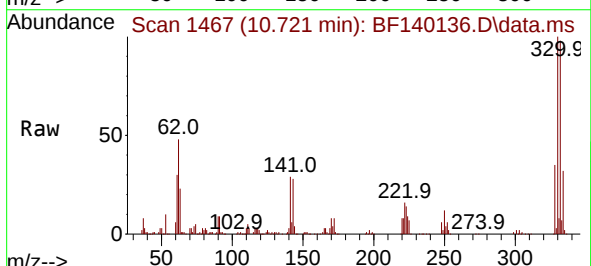
Tgt Ion:237 Resp: 35484
Ion Ratio Lower Upper
237 100
235 64.2 42.9 82.9
272 12.4 0.0 32.3

Manual Integrations
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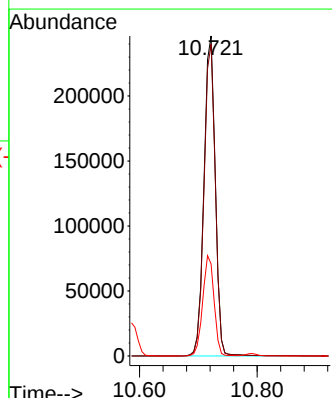
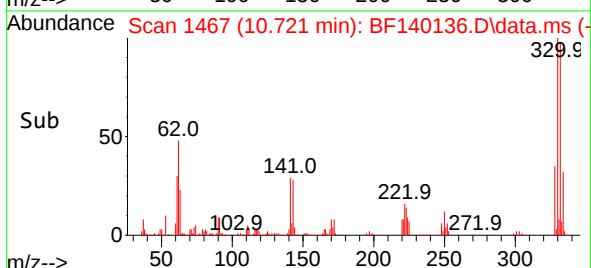
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#42
2,4,6-Tribromophenol
Concen: 116.406 ng
RT: 10.721 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



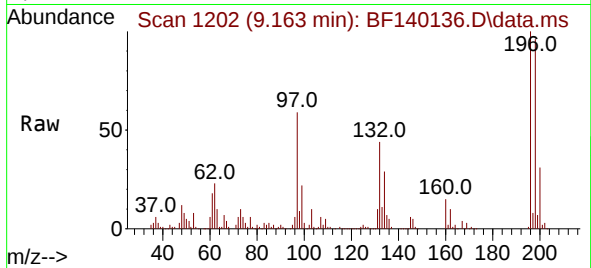
Tgt Ion:330 Resp: 327925
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 31.5 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 42.918 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

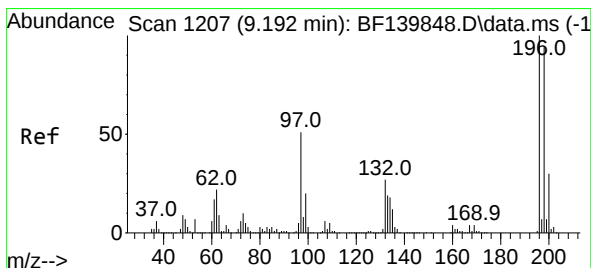
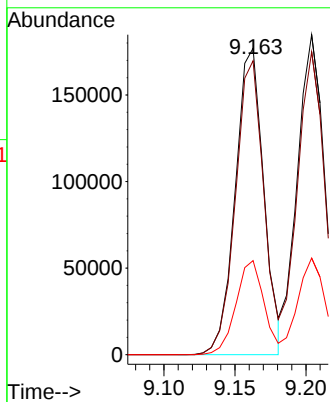
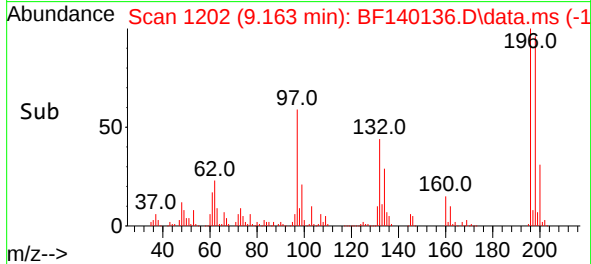
Instrument :
BNA_F
ClientSampleId :
PB164500BS



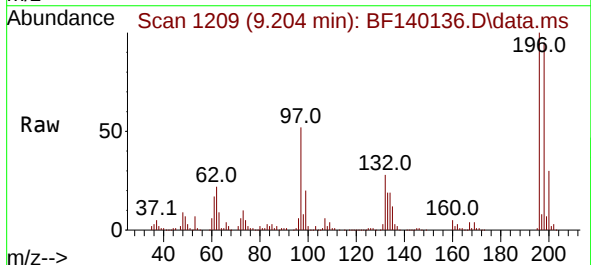
Tgt Ion:196 Resp: 246890
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.2
200 30.7 24.0 36.0

Manual Integrations
APPROVED

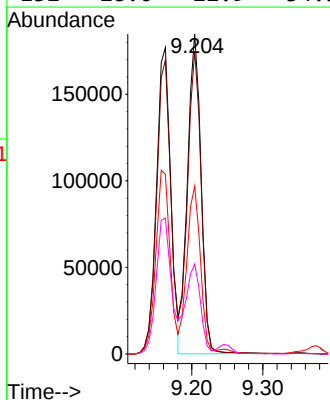
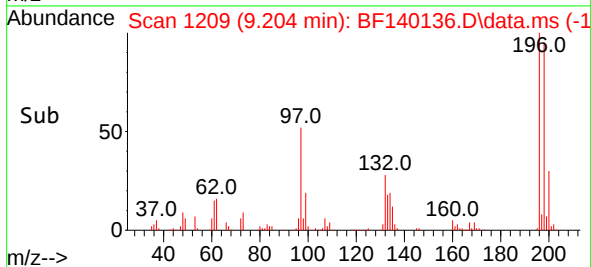
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

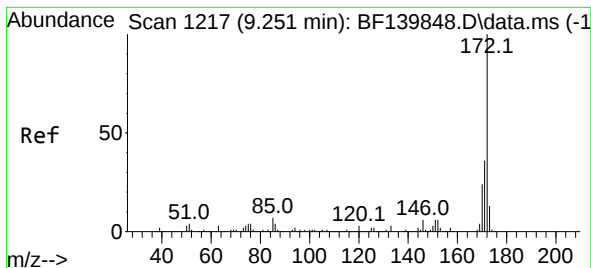


#44
2,4,5-Trichlorophenol
Concen: 41.430 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion:196 Resp: 245889
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
97 52.4 41.8 62.6
132 28.0 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 84.687 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

Tgt Ion:172 Resp: 154326

Ion Ratio Lower Upper

172 100

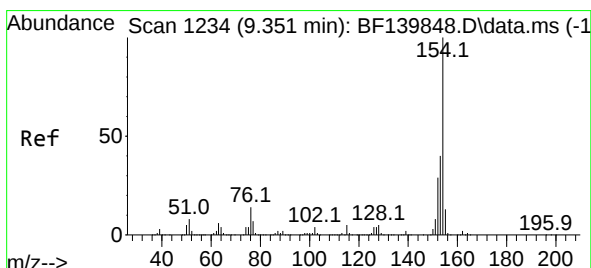
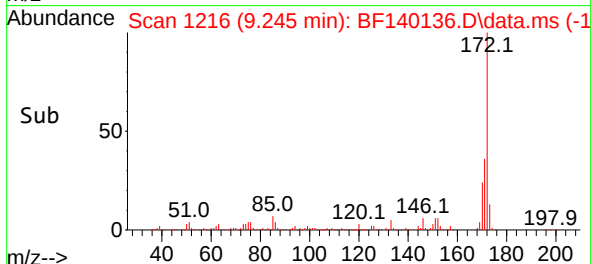
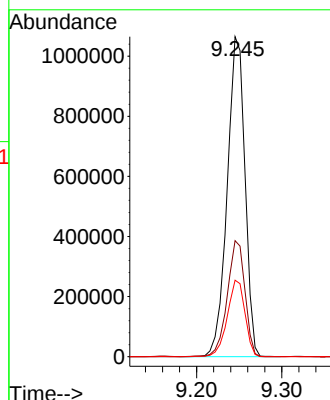
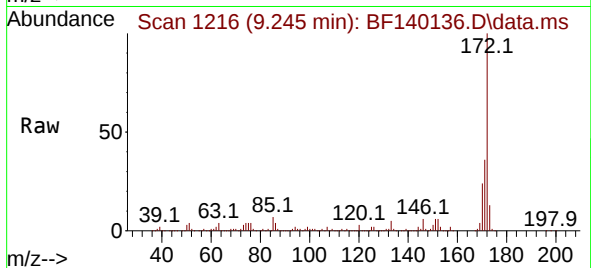
171 36.2 28.6 43.0

170 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 42.498 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

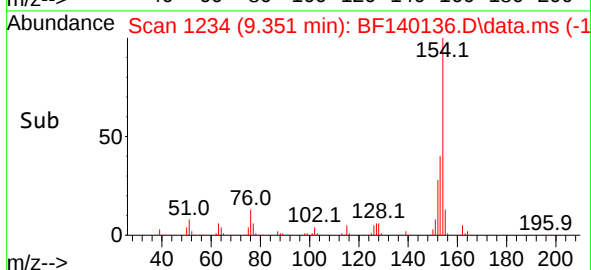
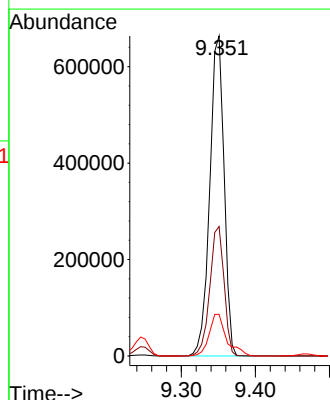
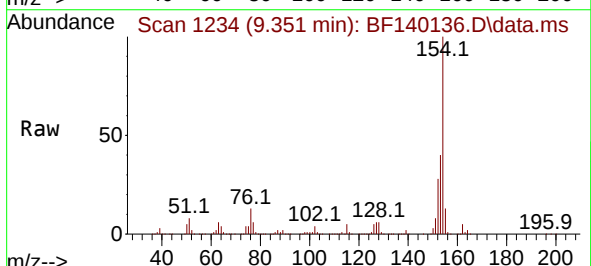
Tgt Ion:154 Resp: 891022

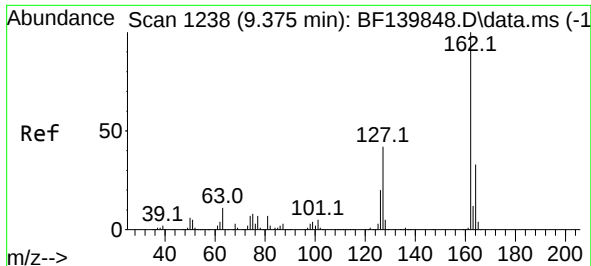
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 41.269 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

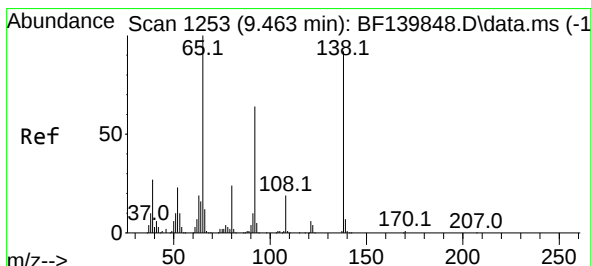
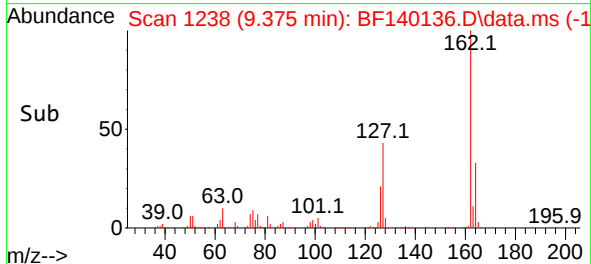
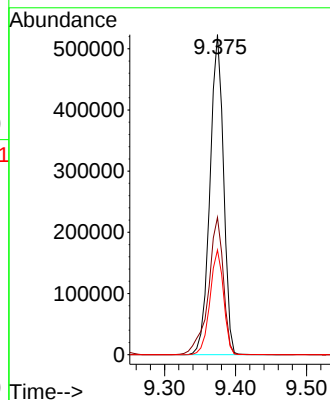
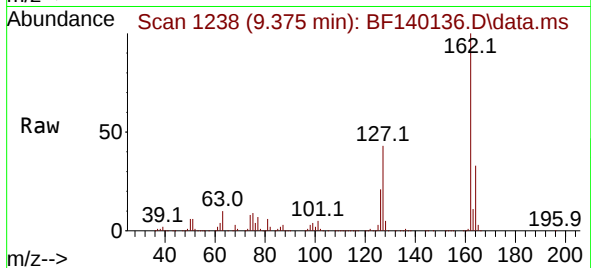
PB164500BS

Tgt Ion:162 Resp: 69688
 Ion Ratio Lower Upper
 162 100
 127 42.9 33.8 50.6
 164 32.7 26.6 39.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
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#48

2-Nitroaniline

Concen: 48.983 ng

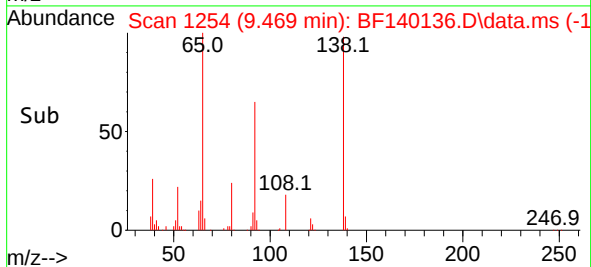
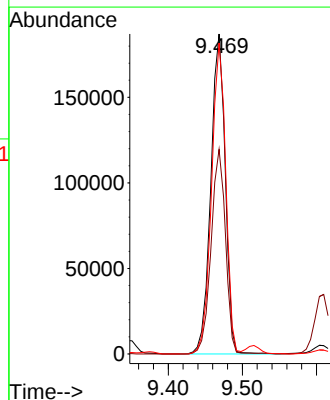
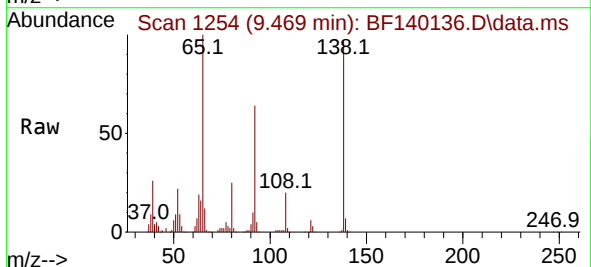
RT: 9.469 min Scan# 1254

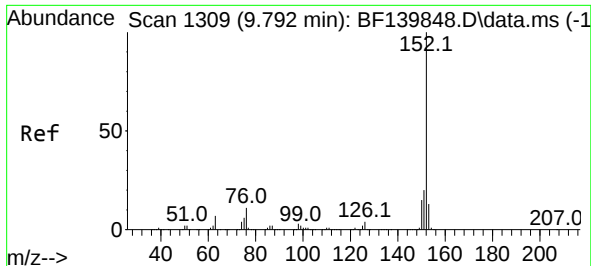
Delta R.T. 0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Tgt Ion: 65 Resp: 252979
 Ion Ratio Lower Upper
 65 100
 92 63.9 50.9 76.3
 138 97.2 73.4 110.0





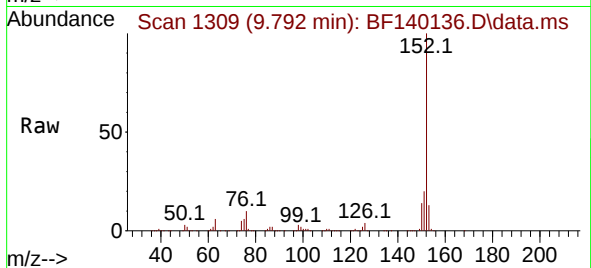
#49
Acenaphthylene
Concen: 44.943 ng
RT: 9.792 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

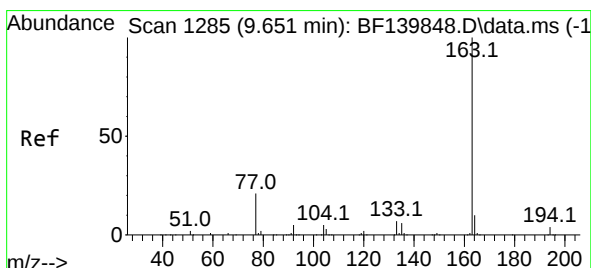
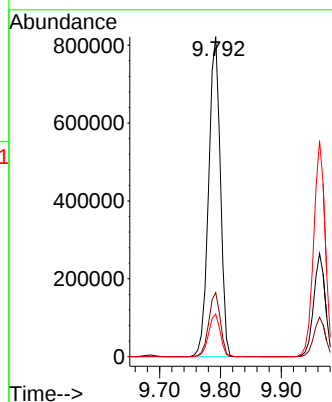
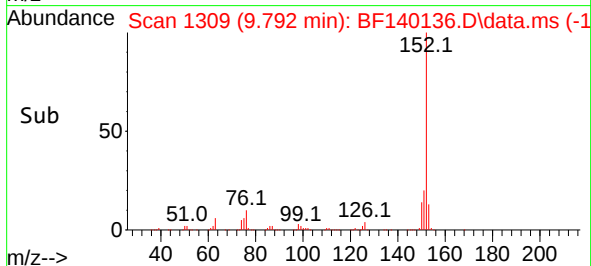


Tgt Ion:152 Resp: 109716
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.7 16.1

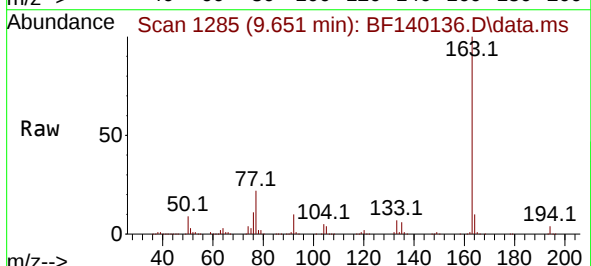
Manual Integrations

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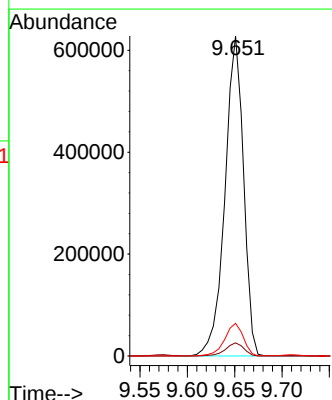
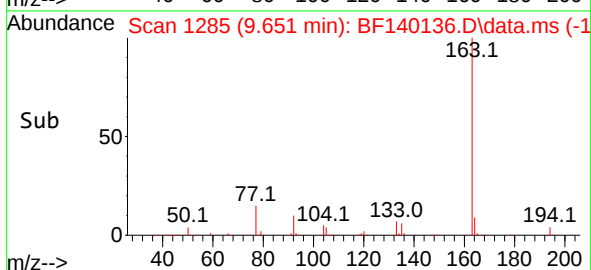
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

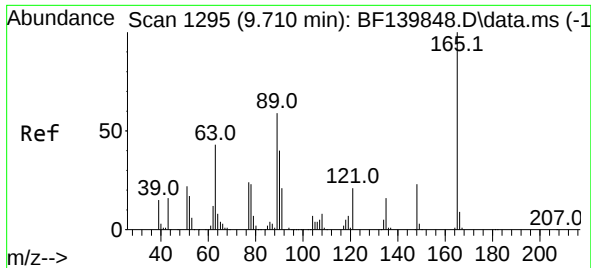


#50
Dimethylphthalate
Concen: 45.666 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion:163 Resp: 856671
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.2





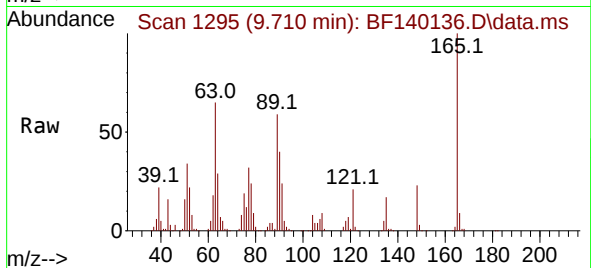
#51
2,6-Dinitrotoluene
Concen: 45.121 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

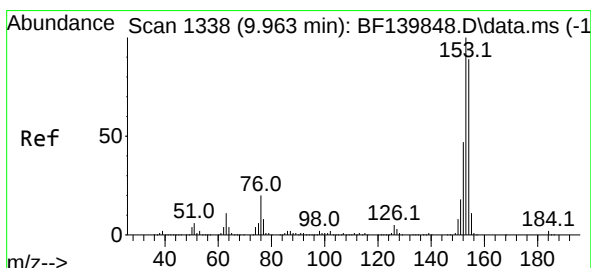
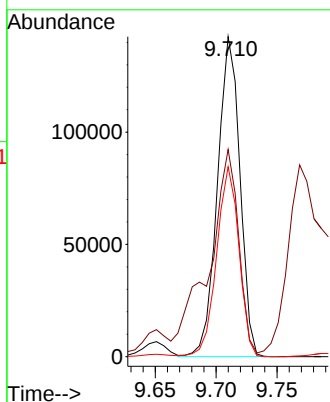
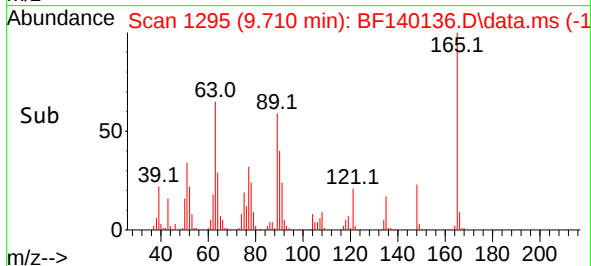


Tgt Ion:165 Resp: 183274
Ion Ratio Lower Upper
165 100
63 64.7 50.6 75.8
89 59.4 47.5 71.3

Manual Integrations

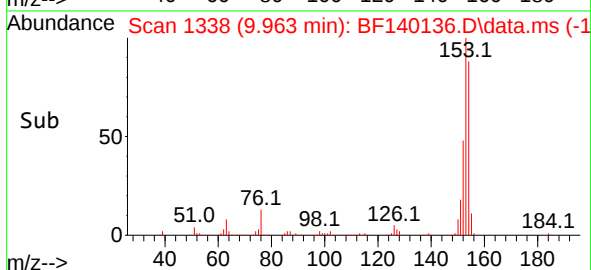
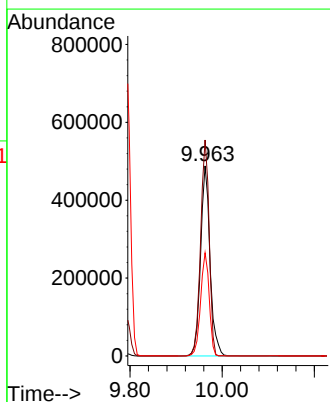
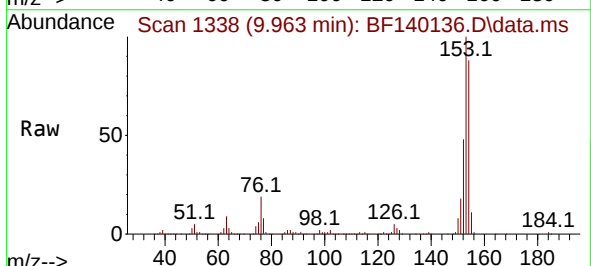
APPROVED

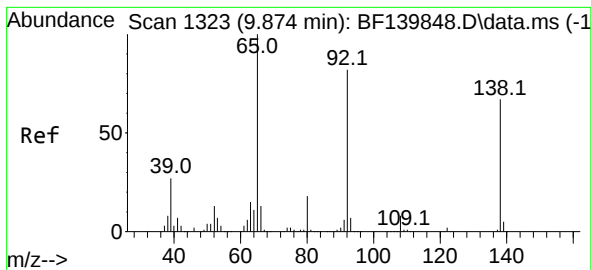
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 44.396 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:154 Resp: 701125
Ion Ratio Lower Upper
154 100
153 113.7 89.8 134.6
152 54.3 42.4 63.6





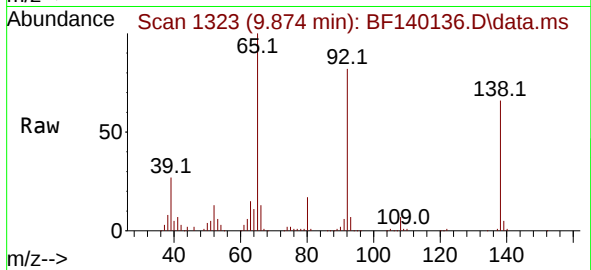
#53
3-Nitroaniline
Concen: 27.334 ng
RT: 9.874 min Scan# 11449
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

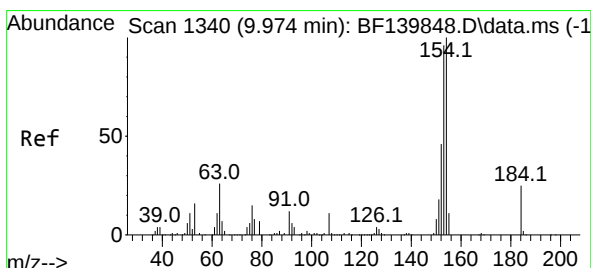
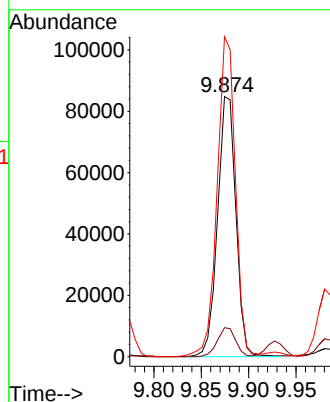
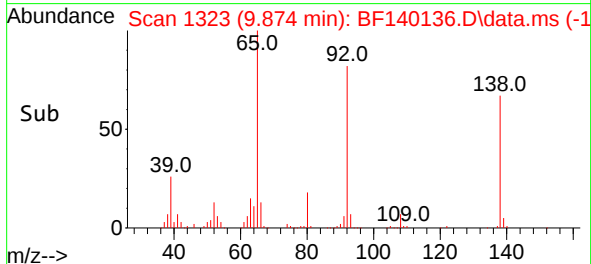


Tgt Ion:138 Resp: 11449
Ion Ratio Lower Upper
138 100
108 11.1 10.2 15.2
92 123.0 98.3 147.5

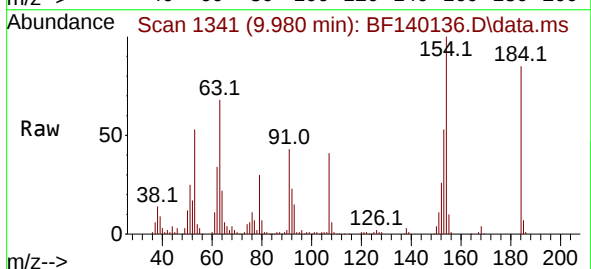
Manual Integrations

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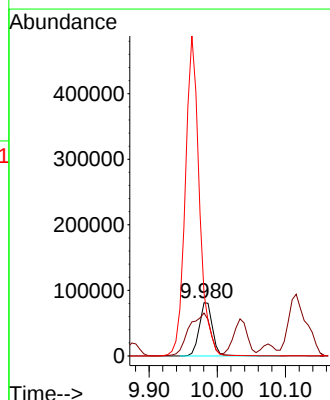
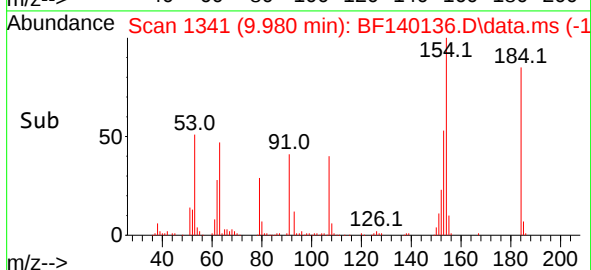
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

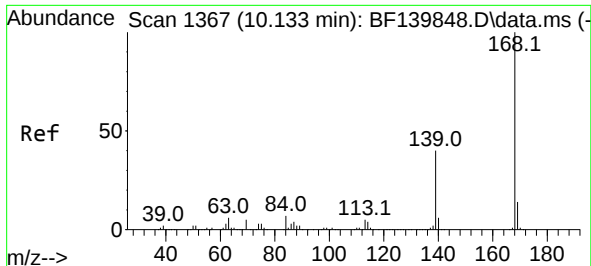


#54
2,4-Dinitrophenol
Concen: 66.070 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



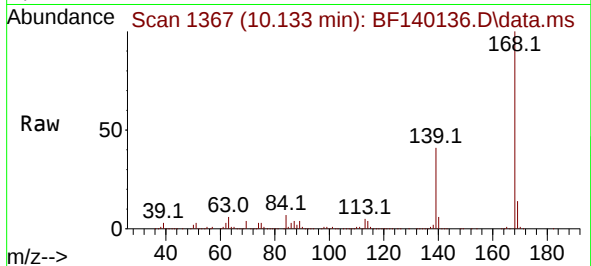
Tgt Ion:184 Resp: 109411
Ion Ratio Lower Upper
184 100
63 80.3 84.7 127.1#
154 117.3 338.2 507.2#





#55
Dibenzofuran
Concen: 42.371 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

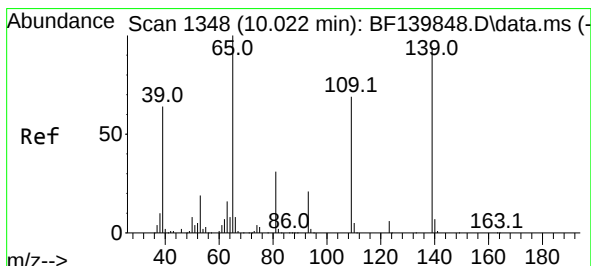
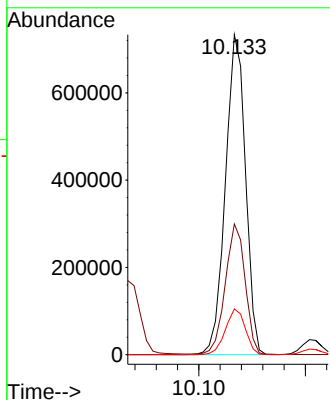
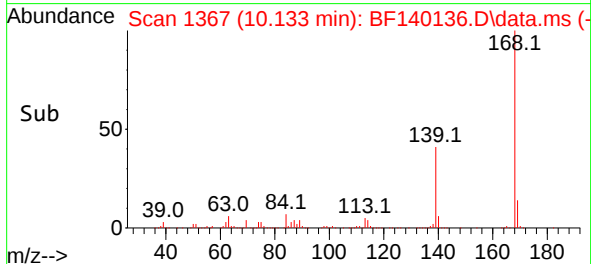
Instrument :
BNA_F
ClientSampleId :
PB164500BS



Tgt Ion:168 Resp: 96005
Ion Ratio Lower Upper
168 100
139 40.9 31.8 47.6
169 14.3 11.6 17.4

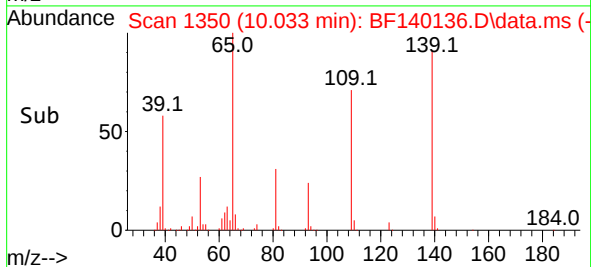
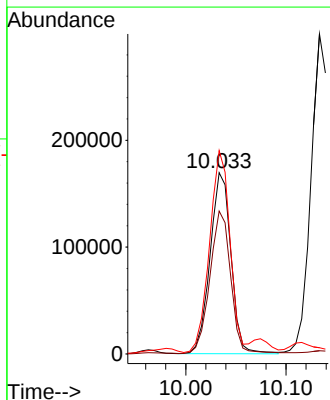
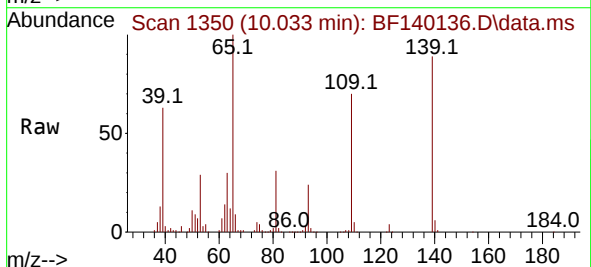
Manual Integrations
APPROVED

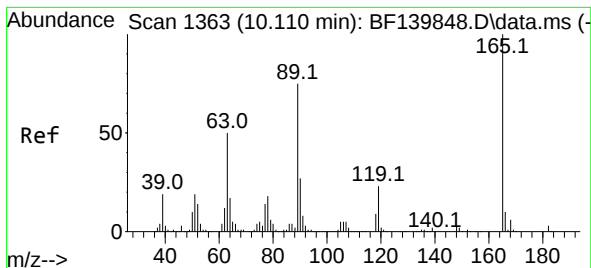
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 76.364 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:139 Resp: 246089
Ion Ratio Lower Upper
139 100
109 78.8 53.6 93.6
65 112.2 87.8 127.8





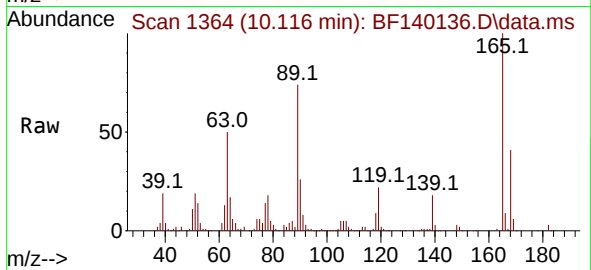
#57
2,4-Dinitrotoluene
Concen: 49.096 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

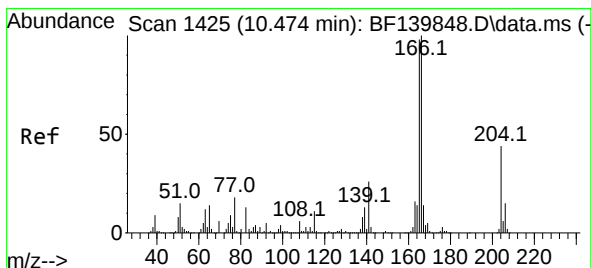
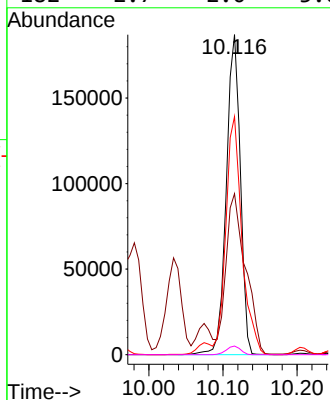
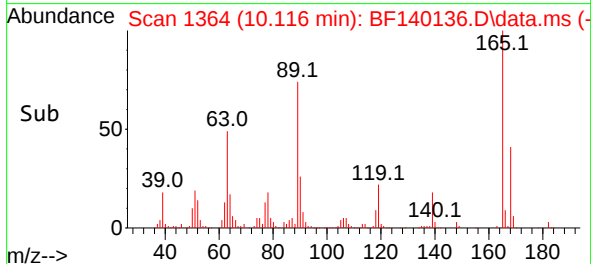


Tgt Ion:165 Resp: 245230
Ion Ratio Lower Upper
165 100
63 50.3 40.1 60.1
89 74.4 60.4 90.6
182 2.7 2.0 3.0

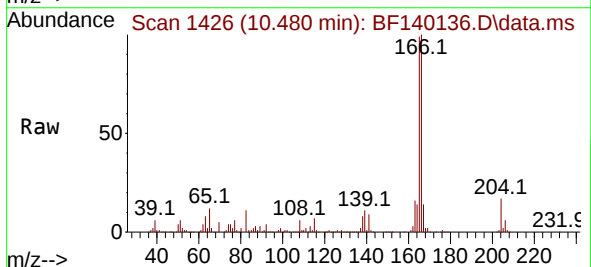
Manual Integrations

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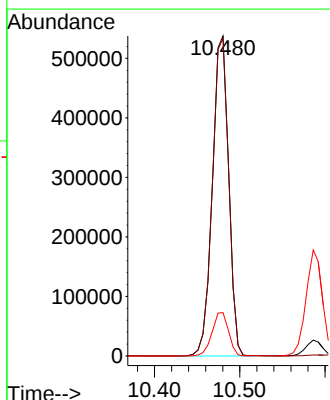
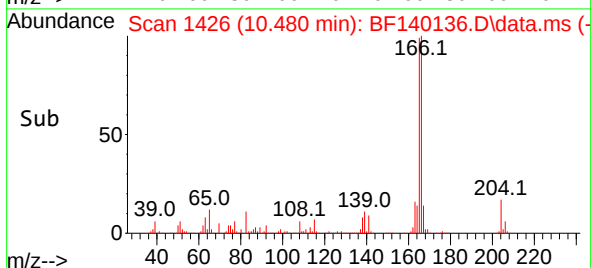
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

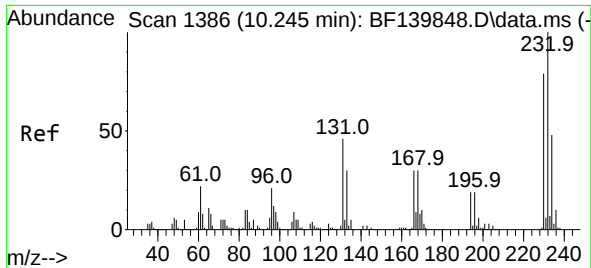


#58
Fluorene
Concen: 41.329 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



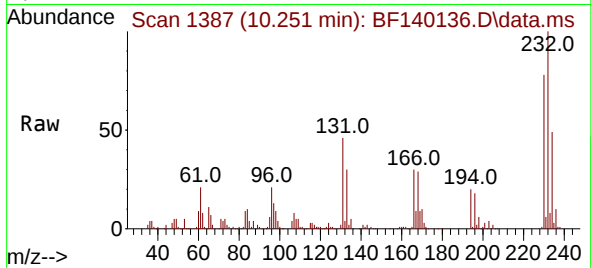
Tgt Ion:166 Resp: 713243
Ion Ratio Lower Upper
166 100
165 99.3 78.5 117.7
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.727 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

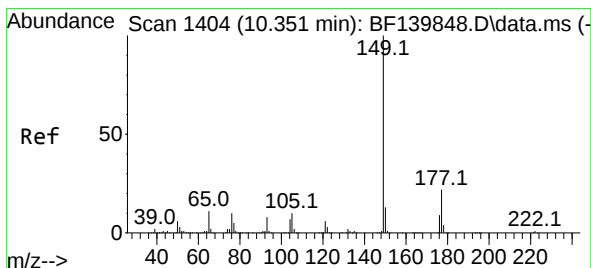
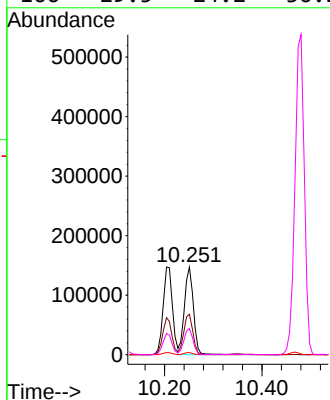
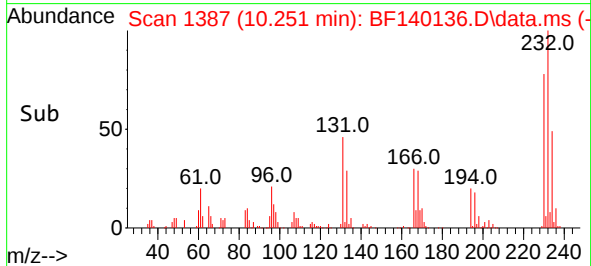
Instrument :
BNA_F
ClientSampleId :
PB164500BS



Tgt Ion:232 Resp: 189489
Ion Ratio Lower Upper
232 100
131 46.5 37.0 55.6
130 2.3 1.9 2.9
166 29.5 24.2 36.2

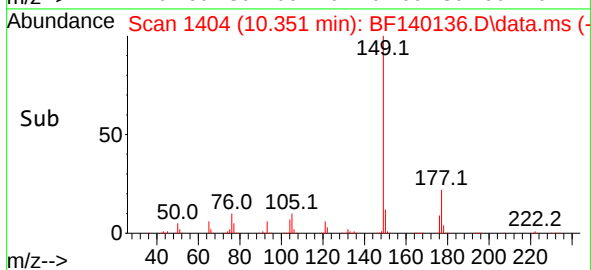
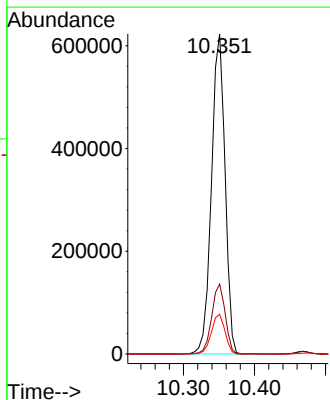
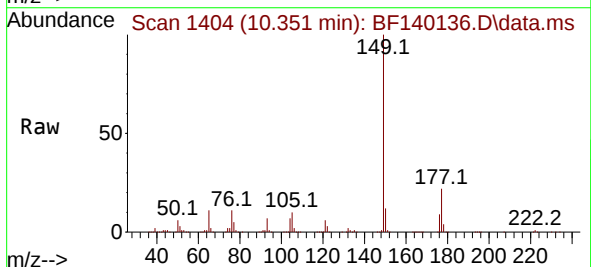
Manual Integrations
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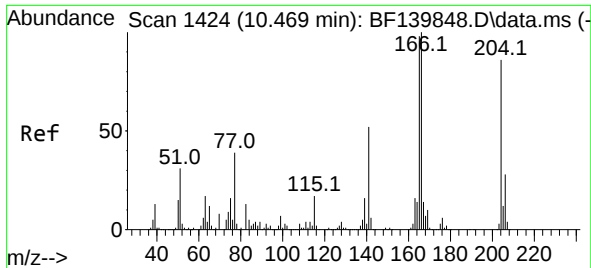
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 44.777 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

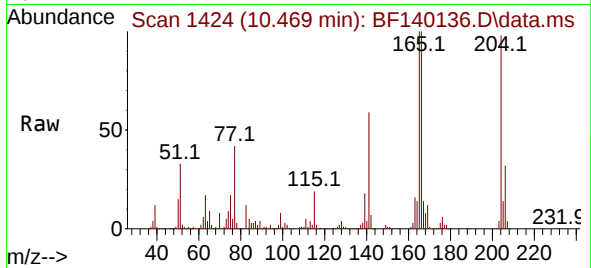
Tgt Ion:149 Resp: 824747
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.061 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

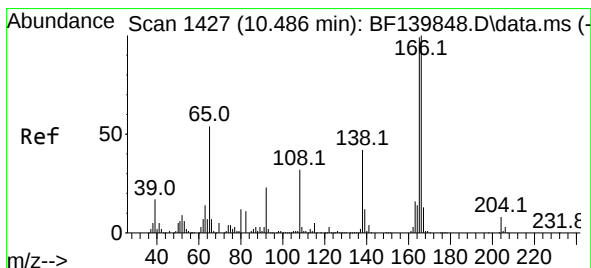
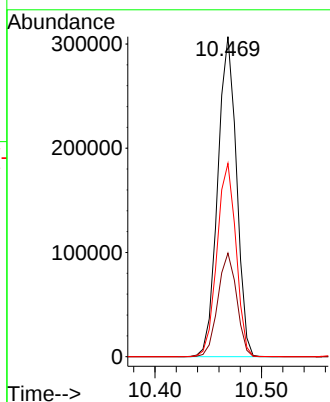
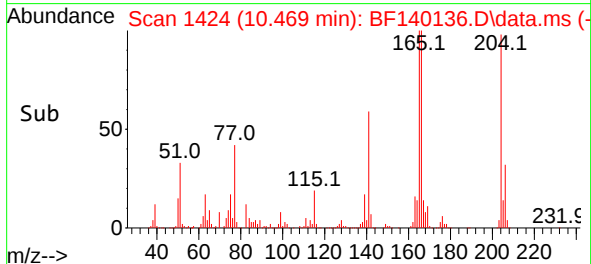
Instrument :
BNA_F
ClientSampleId :
PB164500BS



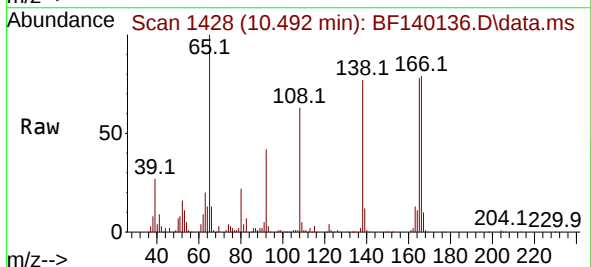
Tgt Ion:204 Resp: 37529
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 60.4 48.6 73.0

Manual Integrations
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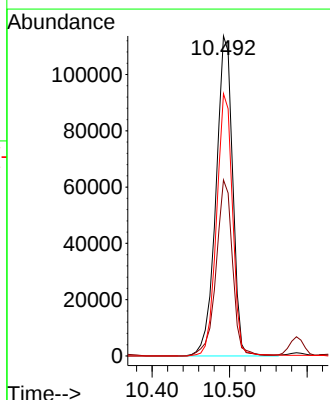
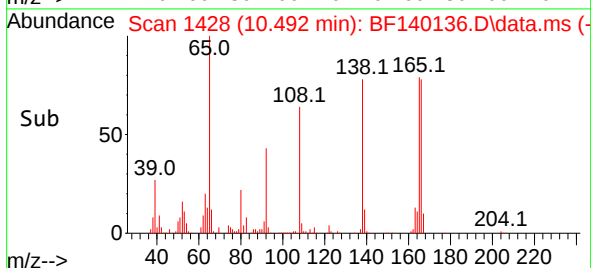
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

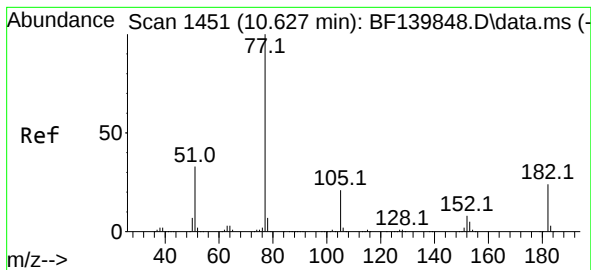


#62
4-Nitroaniline
Concen: 43.076 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion:138 Resp: 170413
Ion Ratio Lower Upper
138 100
92 55.0 35.7 75.7
108 81.9 57.5 97.5





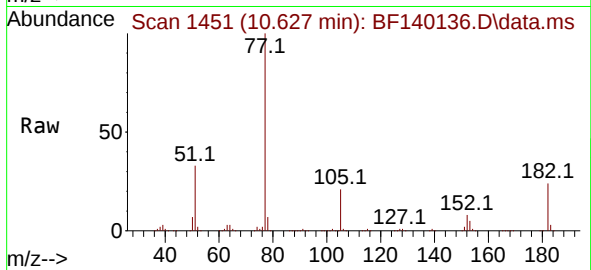
#63
Azobenzene
Concen: 42.000 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

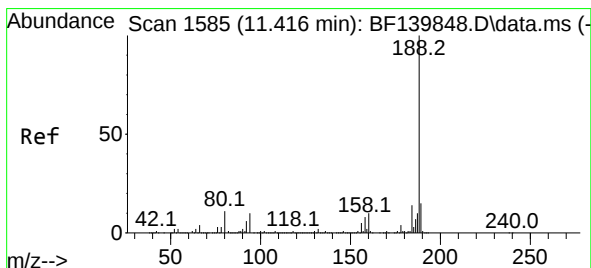
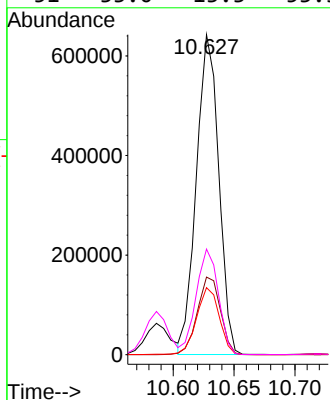
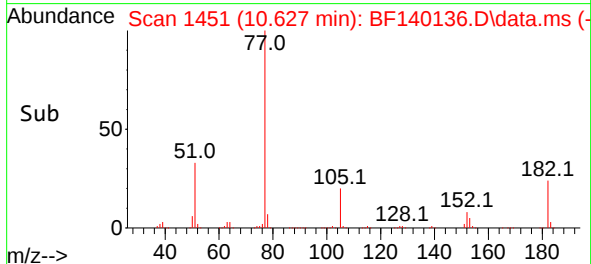


Tgt Ion: 77 Resp: 82013
Ion Ratio Lower Upper
77 100
182 24.3 3.3 43.3
105 21.0 1.2 41.2
51 33.0 13.3 53.3

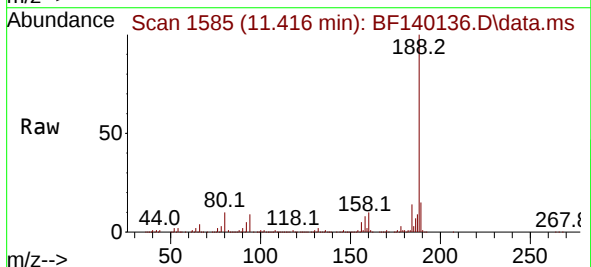
Manual Integrations

APPROVED

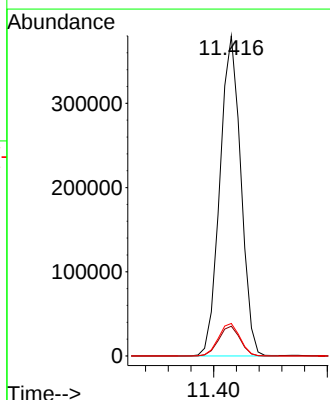
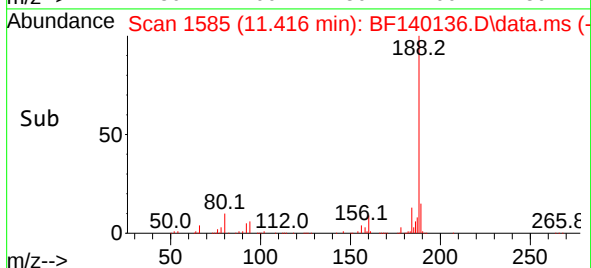
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

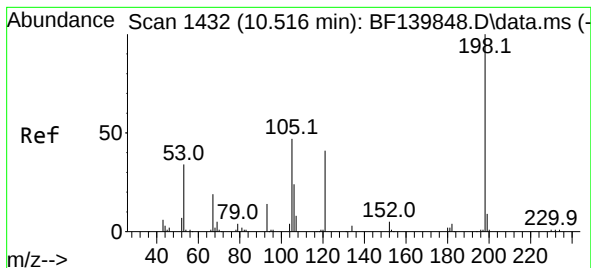


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



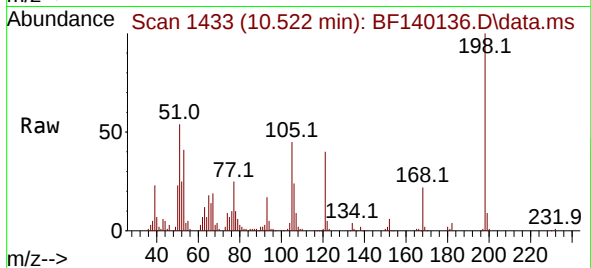
Tgt Ion:188 Resp: 487755
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.1 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 39.918 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.005 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

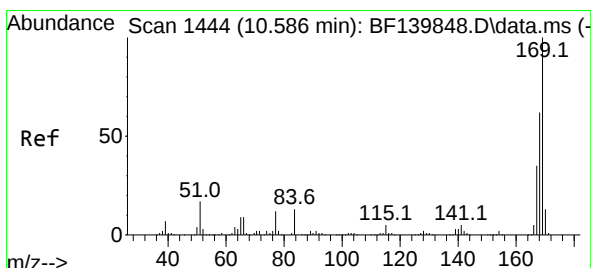
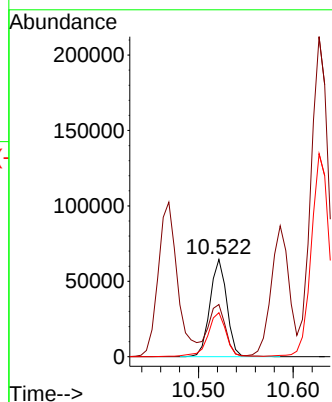
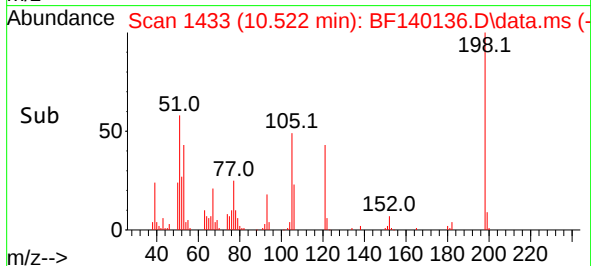
Instrument :
BNA_F
ClientSampleId :
PB164500BS



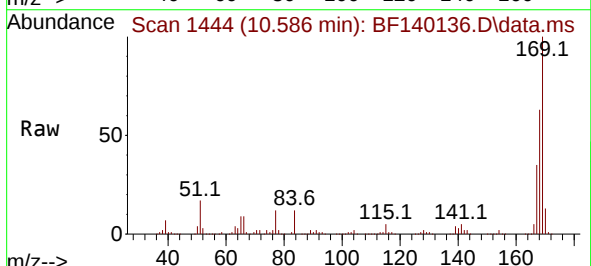
Tgt Ion:198 Resp: 79418
Ion Ratio Lower Upper
198 100
51 53.5 38.2 78.2
105 45.2 27.9 67.9

Manual Integrations
APPROVED

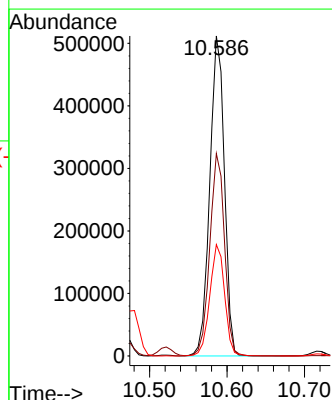
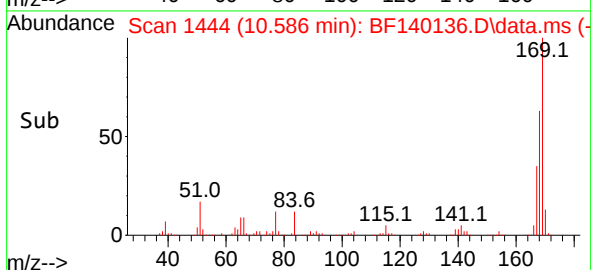
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

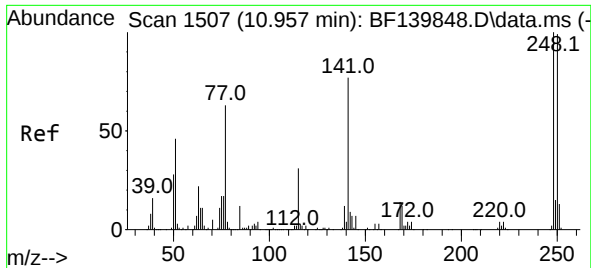


#66
n-Nitrosodiphenylamine
Concen: 46.018 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion:169 Resp: 671788
Ion Ratio Lower Upper
169 100
168 63.2 49.8 74.6
167 34.8 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 47.144 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

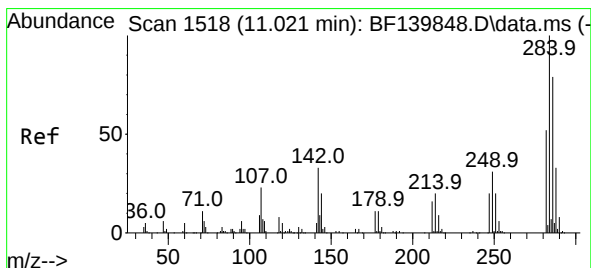
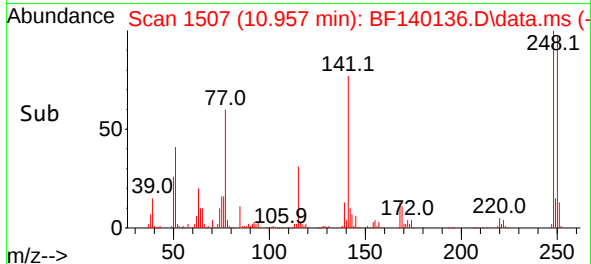
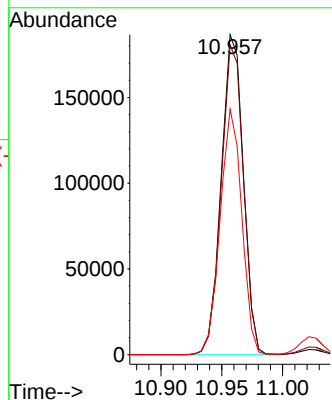
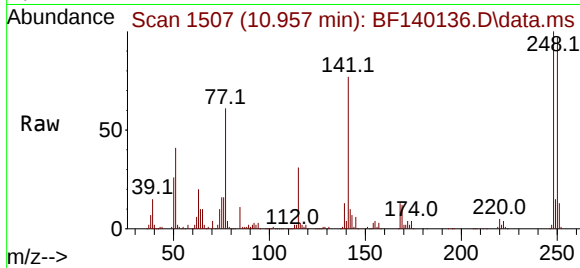
PB164500BS

Tgt Ion:248 Resp: 236888
Ion Ratio Lower Upper
248 100
250 96.8 79.0 118.6
141 76.7 61.7 92.5

Manual Integrations

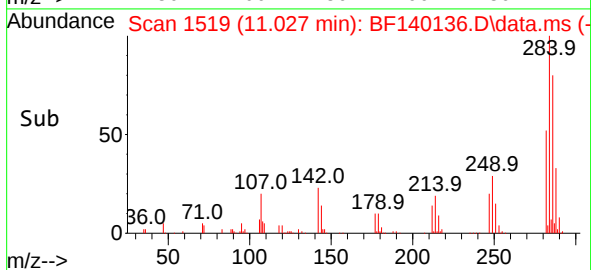
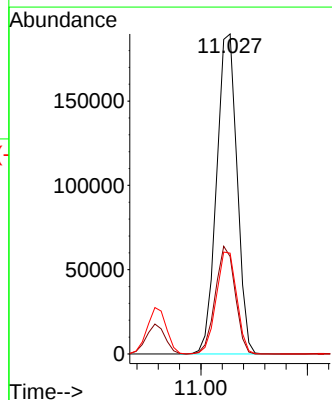
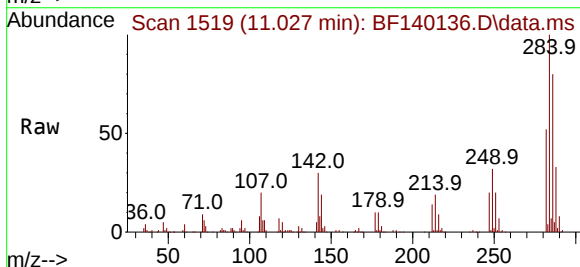
APPROVED

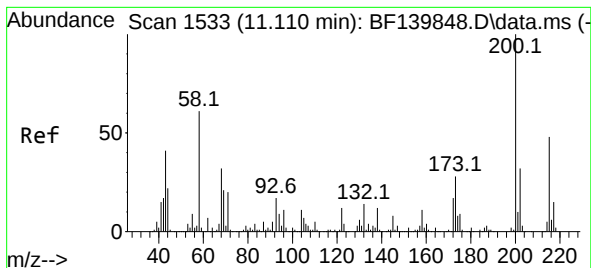
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 44.651 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:284 Resp: 252331
Ion Ratio Lower Upper
284 100
142 30.5 26.9 40.3
249 31.5 25.3 37.9





#69

Atrazine

Concen: 55.639 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

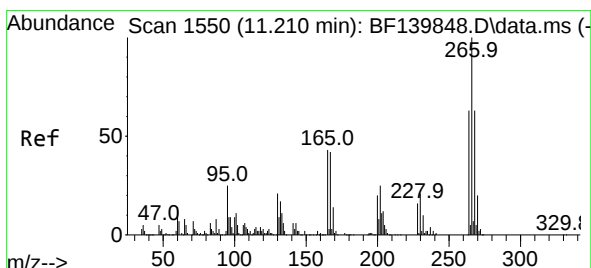
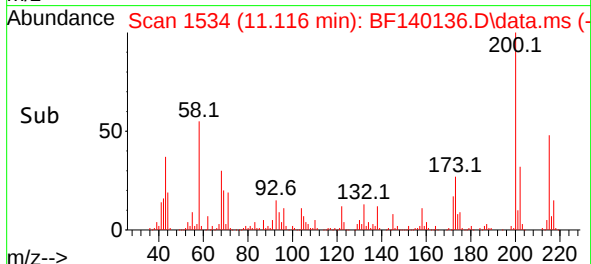
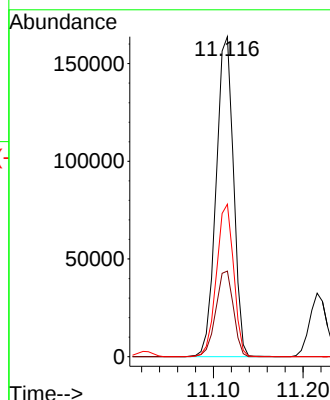
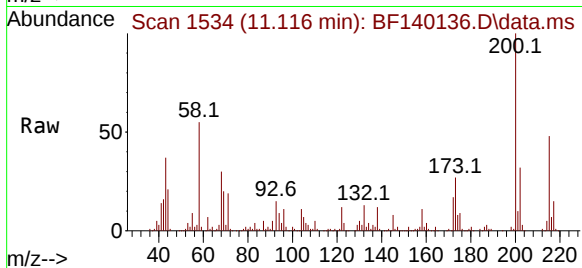
PB164500BS

Tgt Ion:200 Resp: 220024
 Ion Ratio Lower Upper
 200 100
 173 26.7 7.7 47.7
 215 47.7 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 69.816 ng

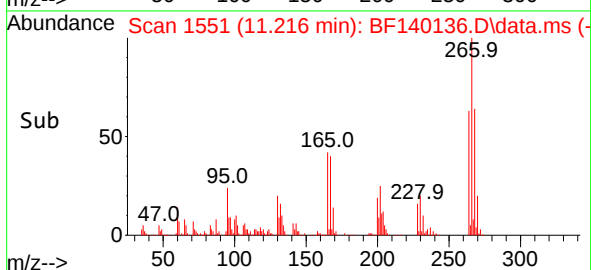
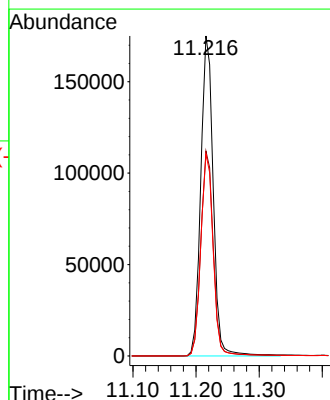
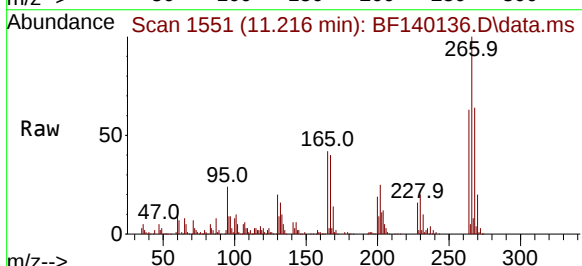
RT: 11.216 min Scan# 1551

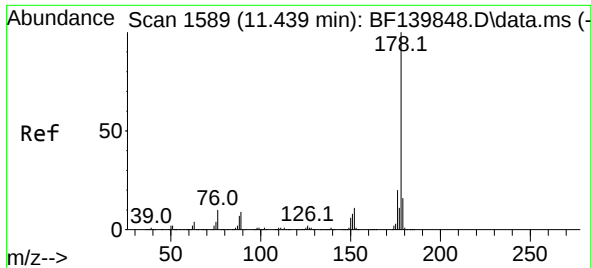
Delta R.T. 0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

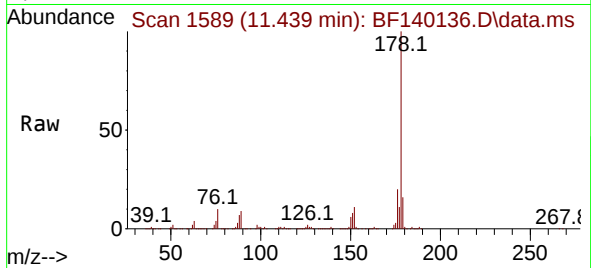
Tgt Ion:266 Resp: 239452
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.4 75.6
 264 63.1 50.6 75.8





#71
Phenanthrene
Concen: 43.229 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

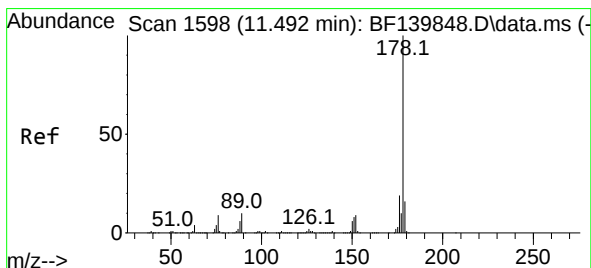
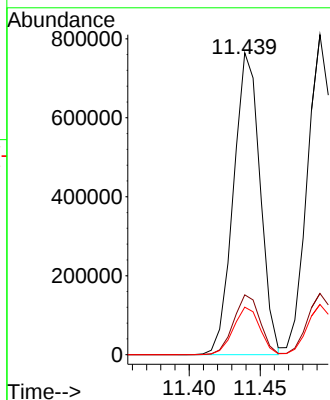
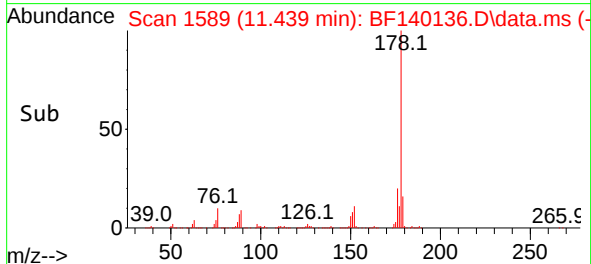
Instrument :
BNA_F
ClientSampleId :
PB164500BS



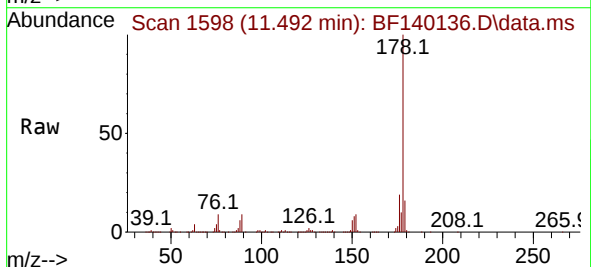
Tgt Ion:178 Resp: 995960
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.8 12.6 18.8

Manual Integrations
APPROVED

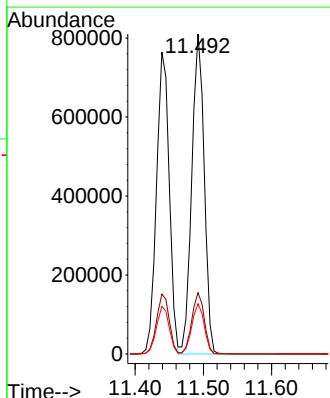
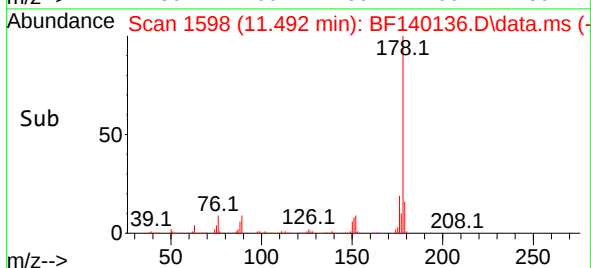
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

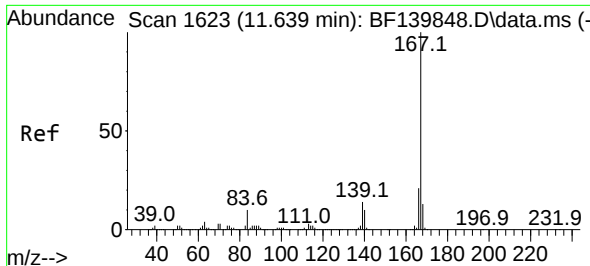


#72
Anthracene
Concen: 45.378 ng
RT: 11.492 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



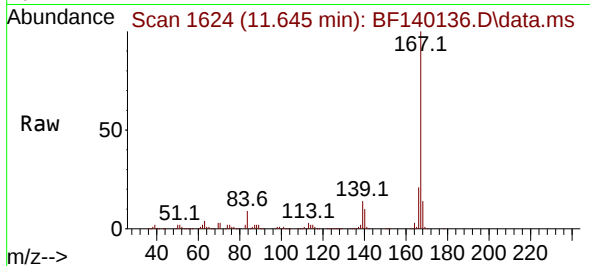
Tgt Ion:178 Resp: 1020074
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.7 12.4 18.6





#73
Carbazole
Concen: 41.199 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

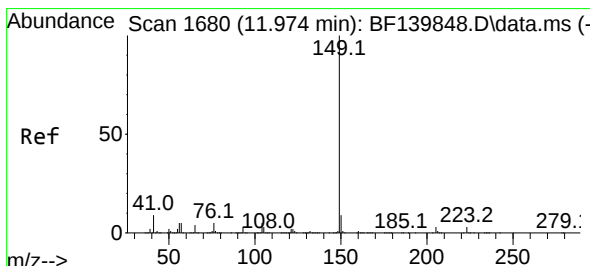
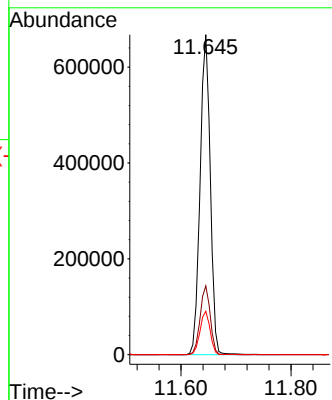
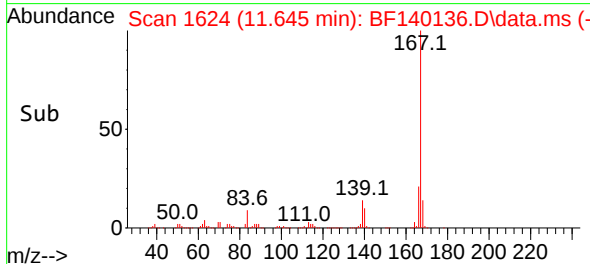
Instrument :
BNA_F
ClientSampleId :
PB164500BS



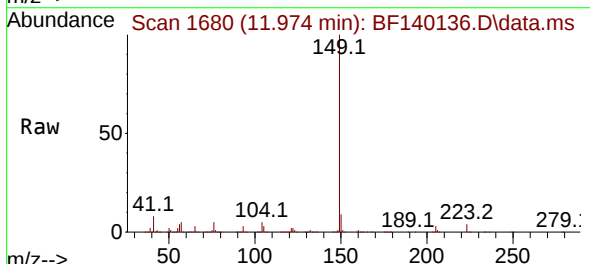
Tgt Ion:167 Resp: 861311
Ion Ratio Lower Upper
167 100
166 21.5 17.0 25.6
139 13.6 10.8 16.2

Manual Integrations
APPROVED

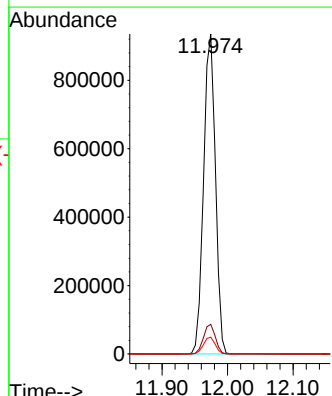
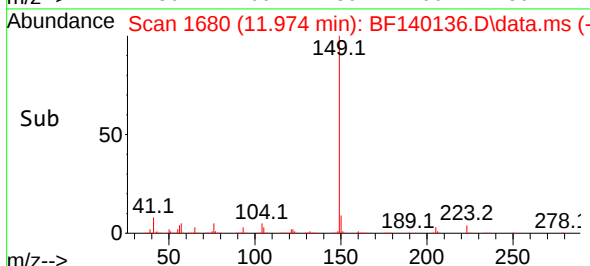
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

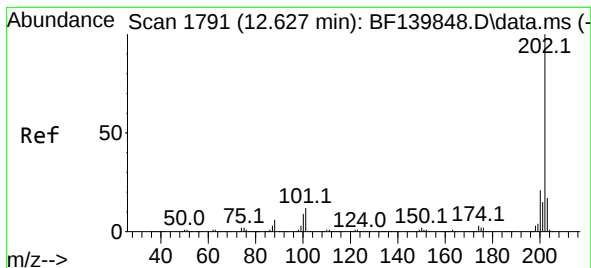


#74
Di-n-butylphthalate
Concen: 48.708 ng
RT: 11.974 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion:149 Resp: 1176478
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 40.379 ng

RT: 12.627 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140136.D

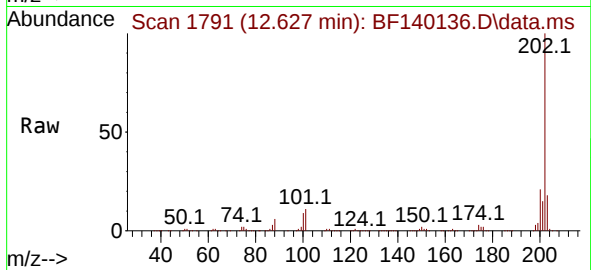
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS



Tgt Ion:202 Resp: 940468

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.9

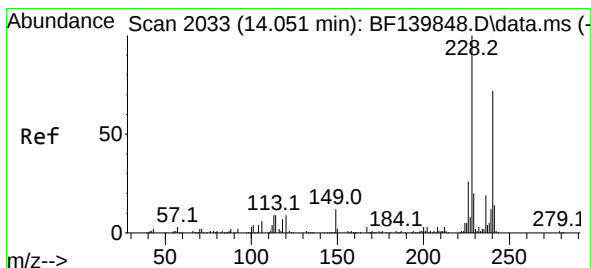
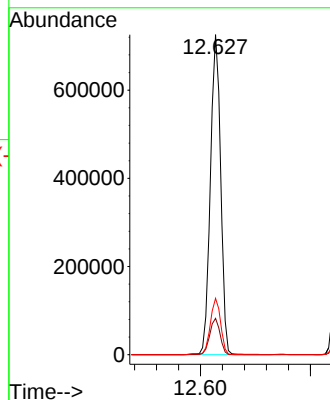
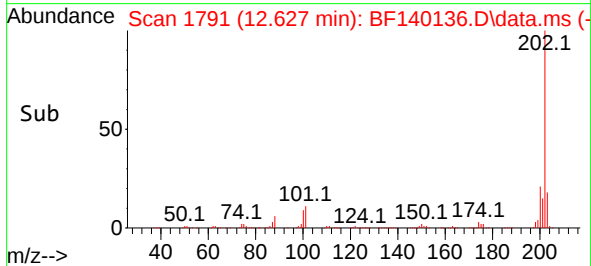
203 17.6 0.0 37.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024

Supervised By :mohammad ahmed 11/04/2024



#76

Chrysene-d12

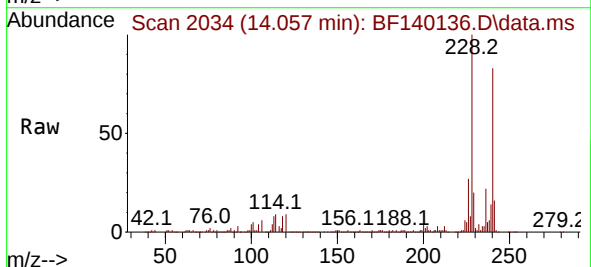
Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56



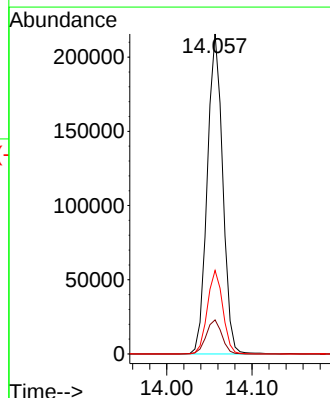
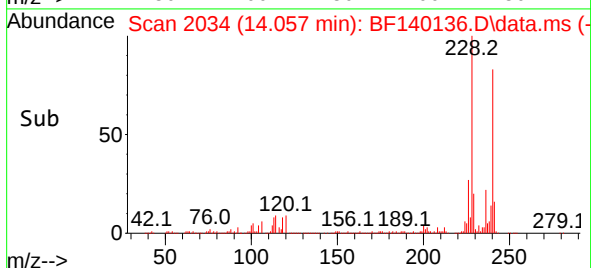
Tgt Ion:240 Resp: 271029

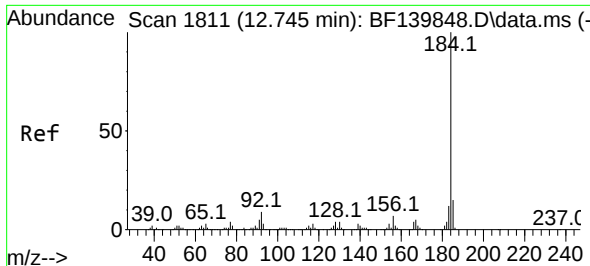
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

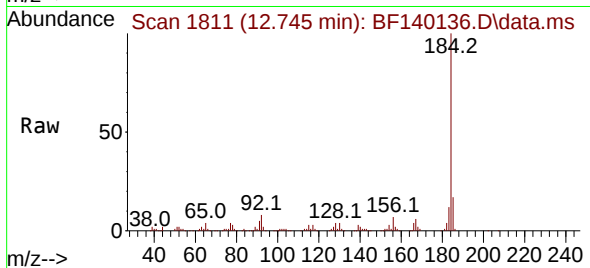
236 26.1 20.9 31.3





#77
Benzidine
Concen: 43.777 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

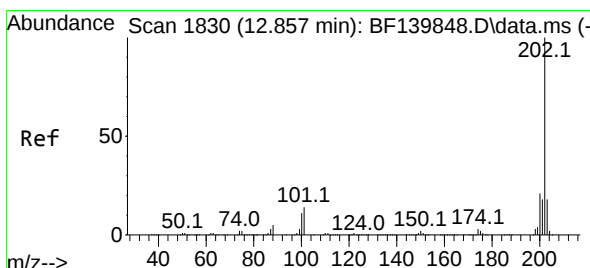
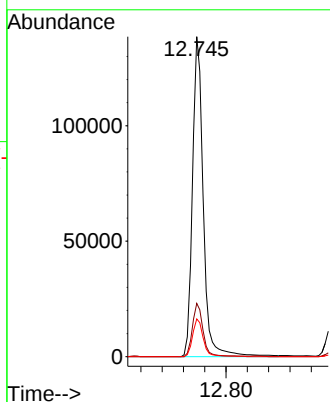
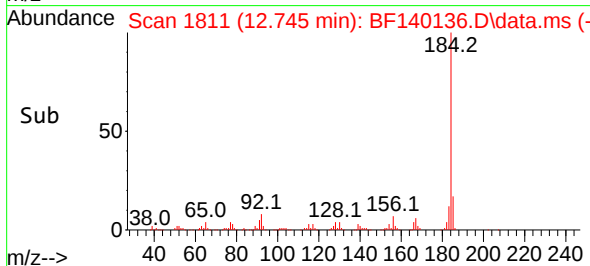
Instrument :
BNA_F
ClientSampleId :
PB164500BS



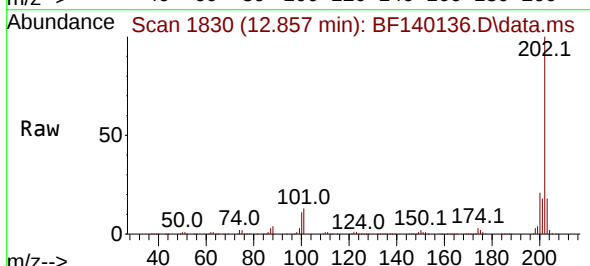
Tgt Ion:184 Resp: 195099
Ion Ratio Lower Upper
184 100
185 16.6 12.0 18.0
183 11.8 9.4 14.2

Manual Integrations
APPROVED

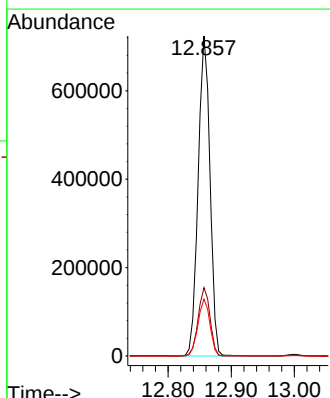
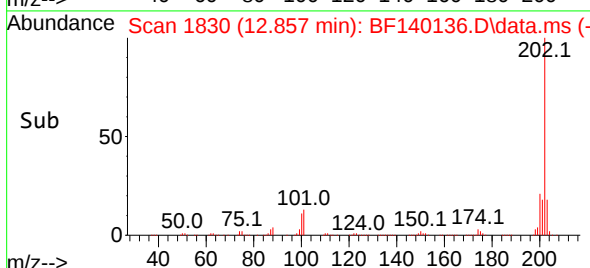
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 39.654 ng
RT: 12.857 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion:202 Resp: 940745
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 84.374 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

Tgt Ion:244 Resp: 140338

Ion Ratio Lower Upper

244 100

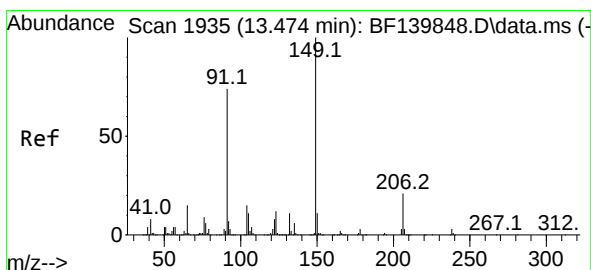
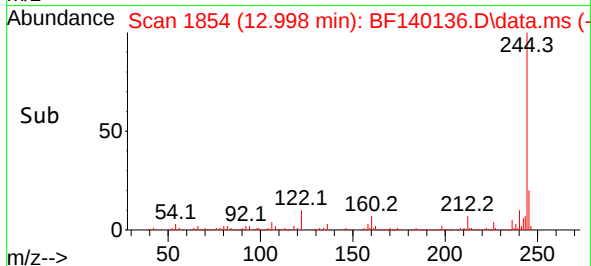
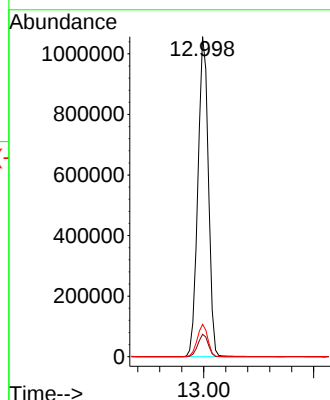
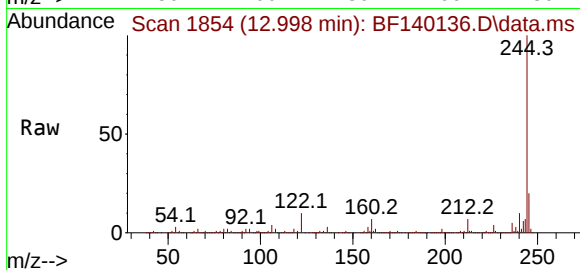
212 7.0 5.7 8.5

122 10.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 55.560 ng

RT: 13.474 min Scan# 1935

Delta R.T. -0.000 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

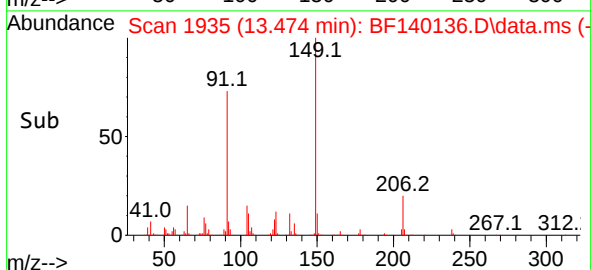
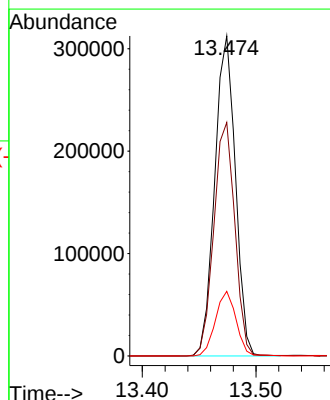
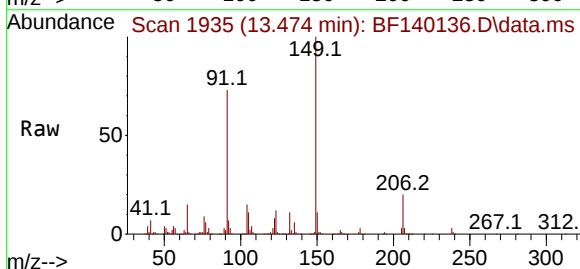
Tgt Ion:149 Resp: 395173

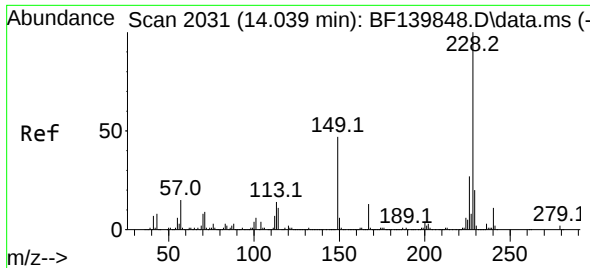
Ion Ratio Lower Upper

149 100

91 73.0 59.4 89.2

206 20.2 16.4 24.6





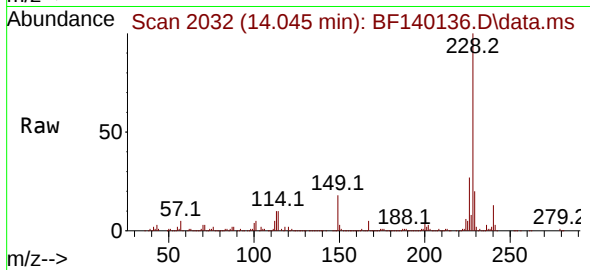
#81
Benzo(a)anthracene
Concen: 44.773 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

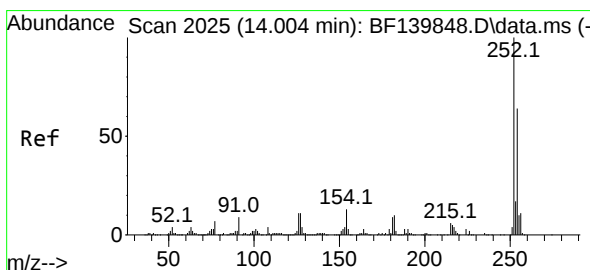
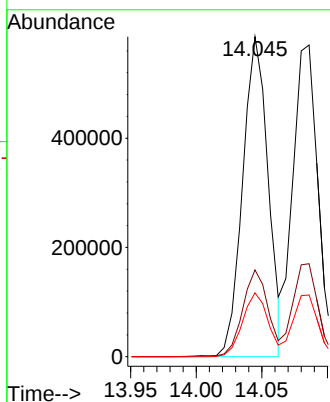
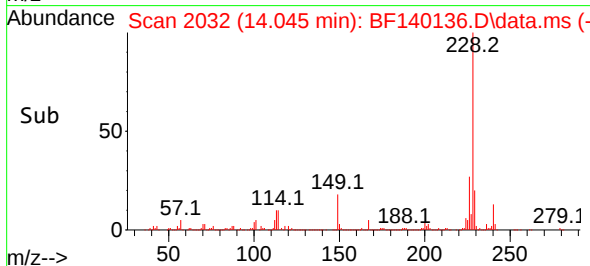


Tgt Ion:228 Resp: 789939
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.0 16.1 24.1

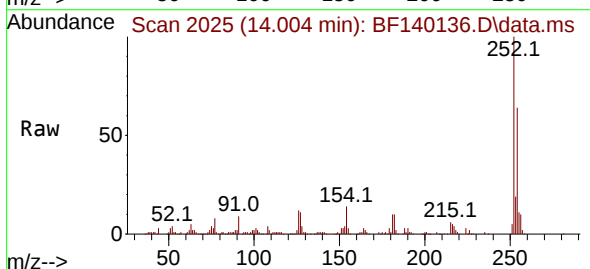
Manual Integrations

APPROVED

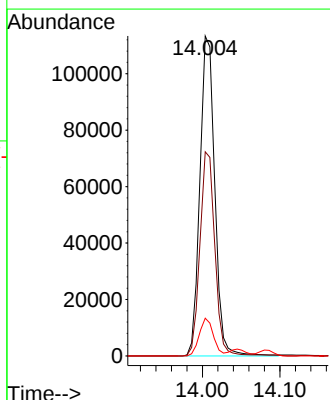
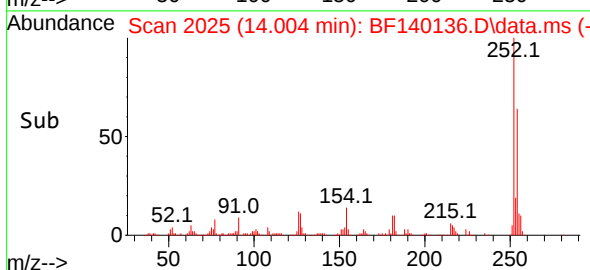
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 29.461 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56



Tgt Ion:252 Resp: 151550
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 11.8 8.9 13.3





#83

Chrysene

Concen: 46.718 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

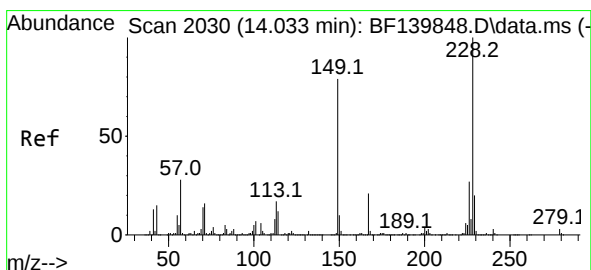
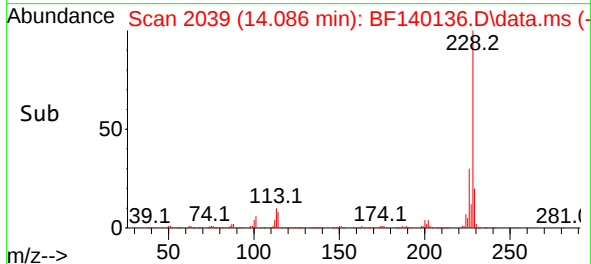
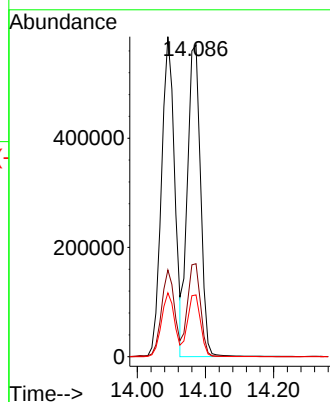
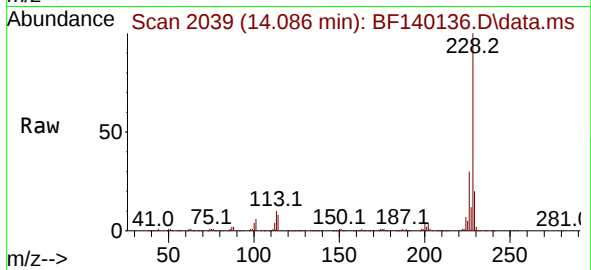
PB164500BS

Tgt Ion:	228	Resp:	755739
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	19.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.485 ng

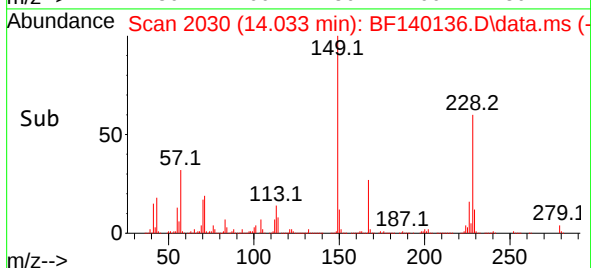
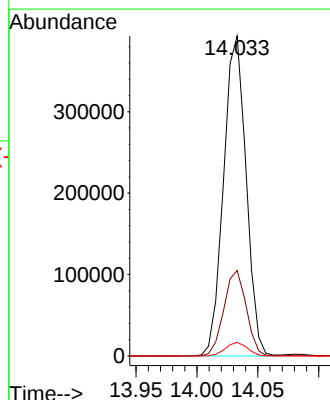
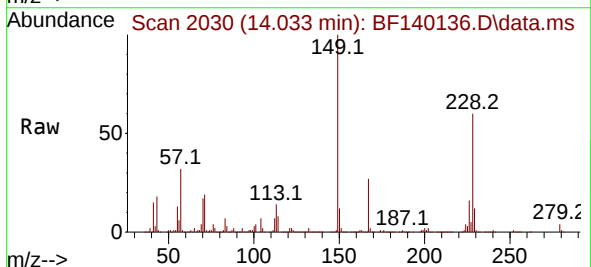
RT: 14.033 min Scan# 2030

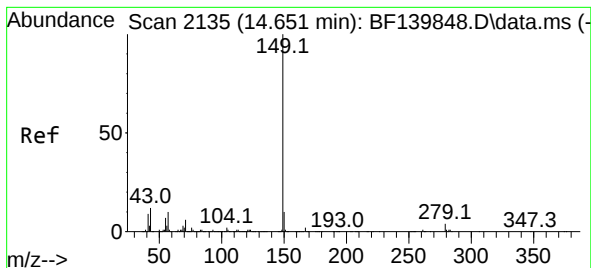
Delta R.T. -0.000 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Tgt Ion:	149	Resp:	506603
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.4	32.0
279	4.3	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 58.065 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

Tgt Ion:149 Resp: 842778

Ion Ratio Lower Upper

149 100

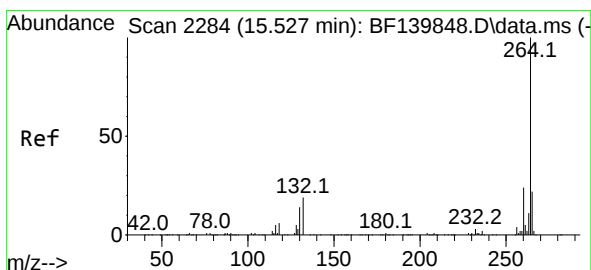
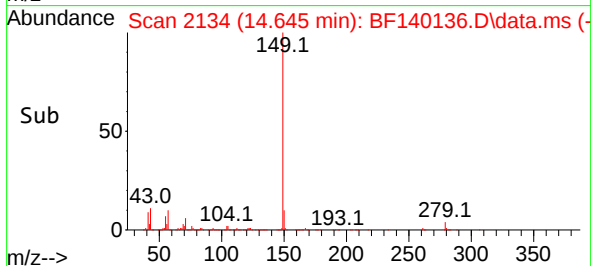
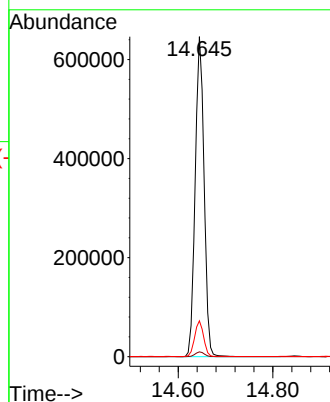
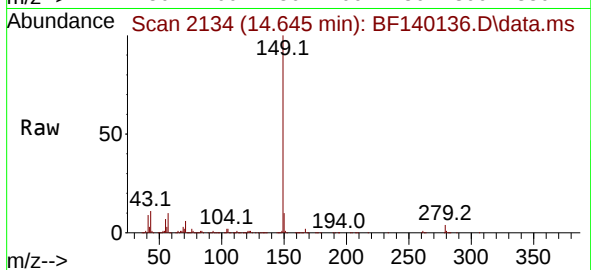
167 1.6 1.2 1.8

43 11.2 9.8 14.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

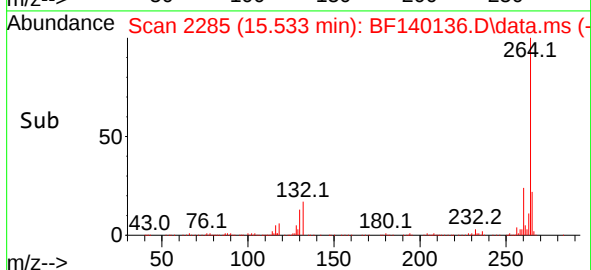
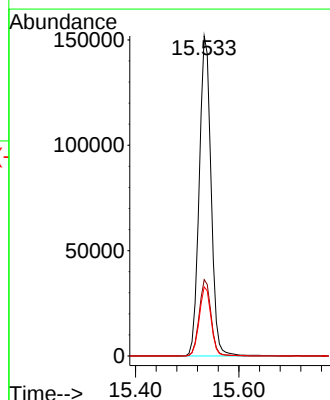
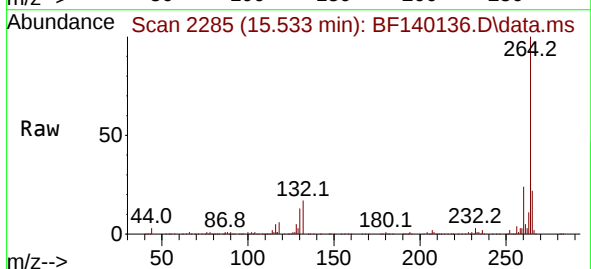
Tgt Ion:264 Resp: 240894

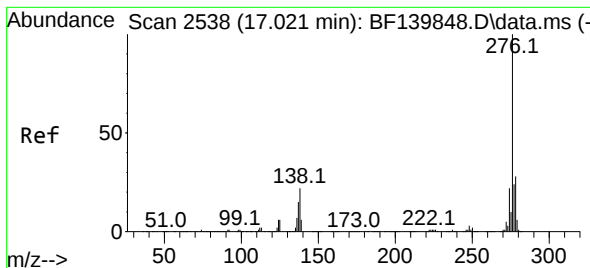
Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.340 ng

RT: 17.039 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

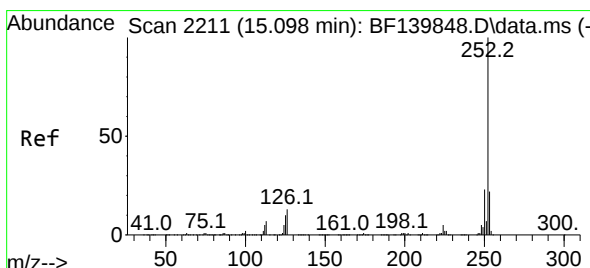
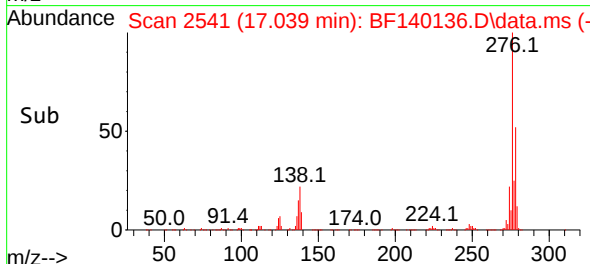
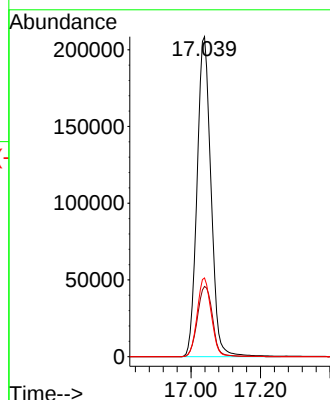
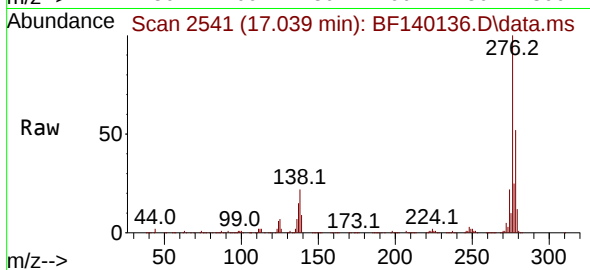
Tgt Ion:276 Resp: 57867

Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.4	30.6
277	24.9	20.2	30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#88

Benzo(b)fluoranthene

Concen: 47.330 ng

RT: 15.104 min Scan# 2212

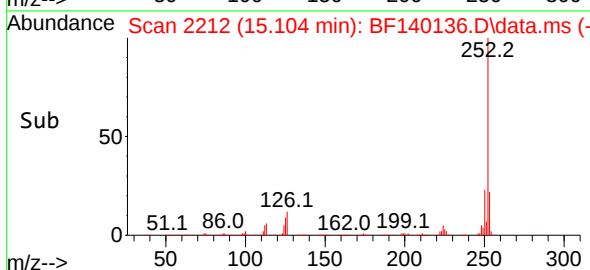
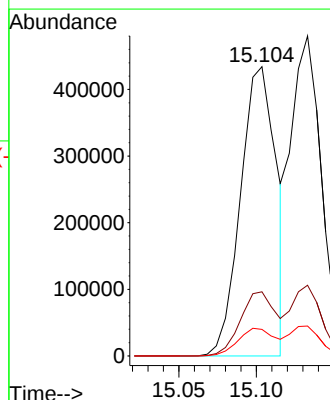
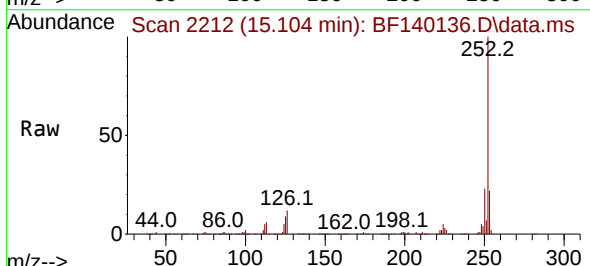
Delta R.T. 0.006 min

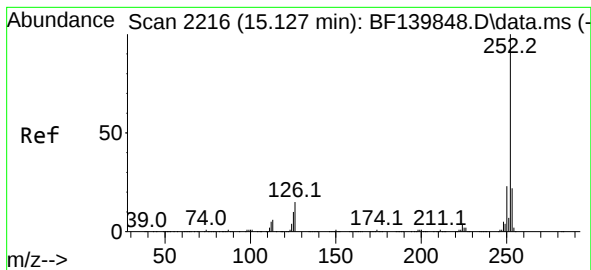
Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Tgt Ion:252 Resp: 694535

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.2	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 52.271 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

PB164500BS

Tgt Ion:252 Resp: 66151

Ion Ratio Lower Upper

252 100

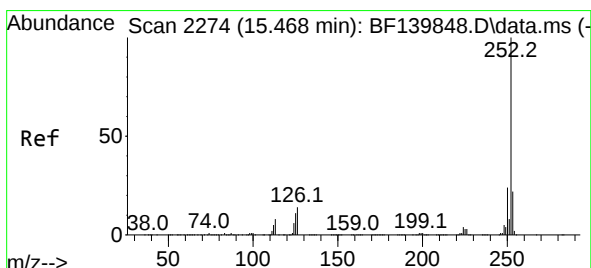
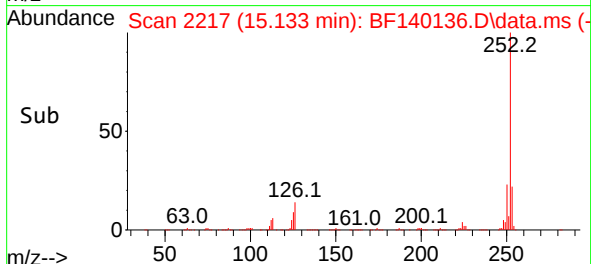
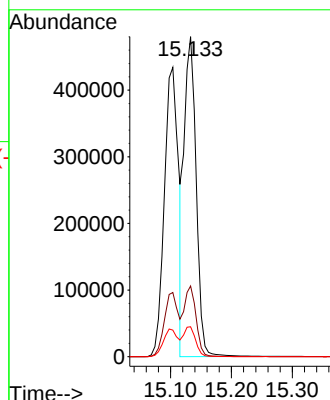
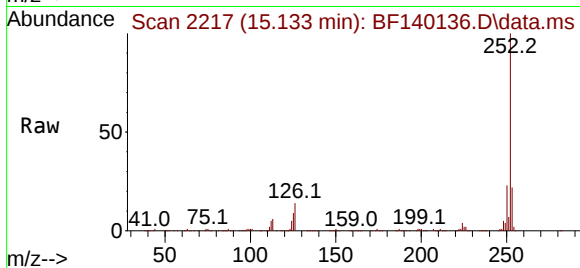
253 22.1 17.6 26.4

125 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 48.907 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF140136.D

Acq: 30 Oct 2024 02:56

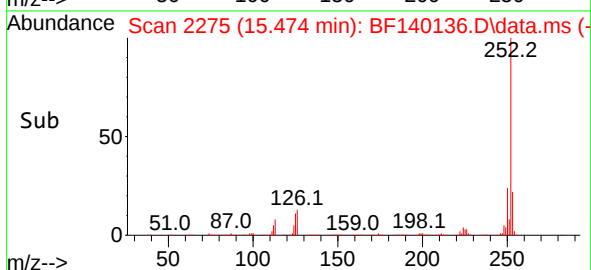
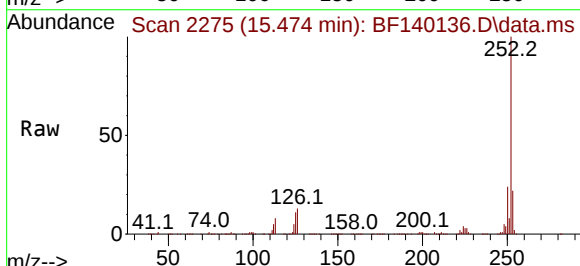
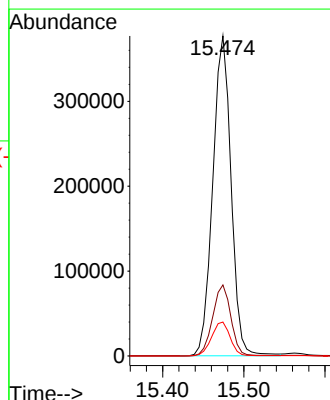
Tgt Ion:252 Resp: 590526

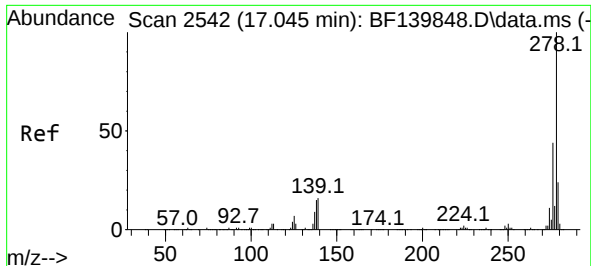
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.6 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 37.211 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Instrument :

BNA_F

ClientSampleId :

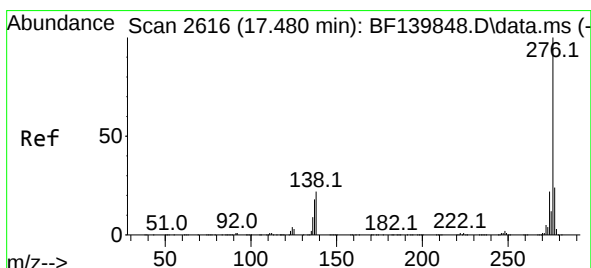
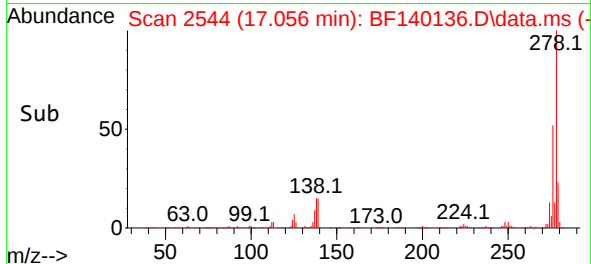
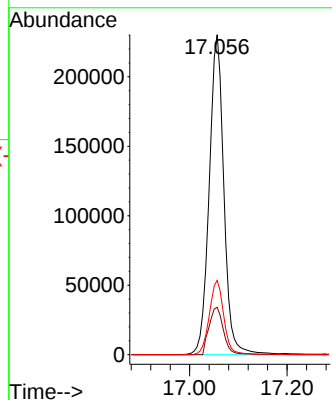
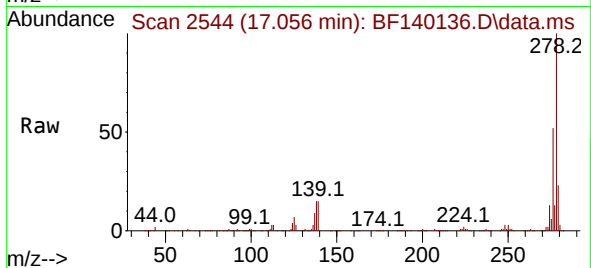
PB164500BS

Tgt Ion:278 Resp: 481078
Ion Ratio Lower Upper
278 100
139 14.8 13.1 19.7
279 23.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#92
Benzo(g,h,i)perylene
Concen: 33.011 ng
RT: 17.492 min Scan# 2618
Delta R.T. 0.012 min
Lab File: BF140136.D
Acq: 30 Oct 2024 02:56

Tgt Ion:276 Resp: 426288
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 20.7 17.4 26.0

