

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140033.D
 Acq On : 25 Oct 2024 13:05
 Operator : RC/JU
 Sample : PB164211BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164211BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 13:46:48 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	6.887	152	90907	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	349292	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	193554	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	342208	20.000	ng	0.00
76) Chrysene-d12	14.051	240	182421	20.000	ng	0.00
86) Perylene-d12	15.527	264	173566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	817434	140.768	ng	0.02
7) Phenol-d6	6.516	99	1035519	137.685	ng	0.00
23) Nitrobenzene-d5	7.451	82	682878	108.355	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	302175	166.907	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1210570	103.367	ng	0.00
79) Terphenyl-d14	12.998	244	1275444	113.929	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	108647	40.129	ng	97
3) Pyridine	3.522	79	291337	43.412	ng	98
4) n-Nitrosodimethylamine	3.475	42	176609	48.981	ng	94
6) Aniline	6.551	93	304089	43.383	ng	100
8) 2-Chlorophenol	6.675	128	315172	53.091	ng	97
9) Benzaldehyde	6.440	77	75497	17.844	ng	98
10) Phenol	6.528	94	387548m	49.982	ng	
11) bis(2-Chloroethyl)ether	6.622	93	300215	50.094	ng	100
12) 1,3-Dichlorobenzene	6.834	146	339253	49.784	ng	99
13) 1,4-Dichlorobenzene	6.910	146	344093	50.541	ng	100
14) 1,2-Dichlorobenzene	7.057	146	331495	52.170	ng	98
15) Benzyl Alcohol	7.028	79	292437	53.008	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	472633	46.251	ng	97
17) 2-Methylphenol	7.134	107	257565	50.882	ng	97
18) Hexachloroethane	7.404	117	123876	51.024	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	221948	48.658	ng	98
20) 3+4-Methylphenols	7.287	107	317999	49.114	ng	91
22) Acetophenone	7.298	105	434118	50.743	ng	99
24) Nitrobenzene	7.469	77	344294	49.828	ng	99
25) Isophorone	7.710	82	609300	50.938	ng	99
26) 2-Nitrophenol	7.787	139	161263	61.864	ng	97
27) 2,4-Dimethylphenol	7.816	122	255086	58.687	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	354871	48.967	ng	100
29) 2,4-Dichlorophenol	8.028	162	252813	51.065	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	274975	50.194	ng	99
31) Naphthalene	8.192	128	916220	50.860	ng	100
32) Benzoic acid	7.934	122	190989	50.379	ng	99
33) 4-Chloroaniline	8.239	127	135526	22.063	ng	98
34) Hexachlorobutadiene	8.310	225	183797	53.398	ng	98
35) Caprolactam	8.610	113	81804m	51.965	ng	
36) 4-Chloro-3-methylphenol	8.716	107	283139	51.649	ng	99
37) 2-Methylnaphthalene	8.887	142	576248	52.231	ng	99
38) 1-Methylnaphthalene	8.987	142	530285	48.990	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	272619	52.208	ng	99
41) Hexachlorocyclopentadiene	9.039	237	363352	199.981	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	198341	53.650	ng	99

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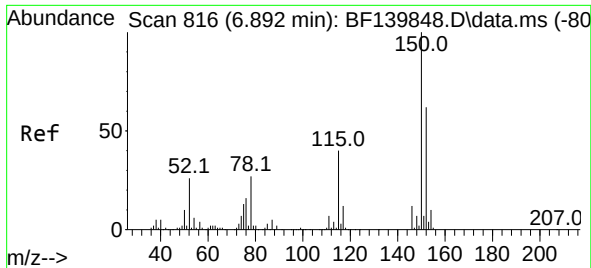
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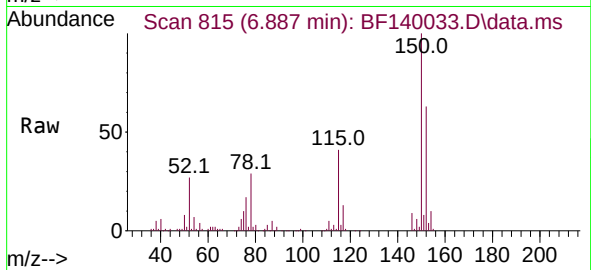
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	198905	52.148	ng	99
46) 1,1'-Biphenyl	9.351	154	681920	50.609	ng	98
47) 2-Chloronaphthalene	9.375	162	544289	50.154	ng	99
48) 2-Nitroaniline	9.469	65	189567	57.114	ng	94
49) Acenaphthylene	9.792	152	854895	54.489	ng	99
50) Dimethylphthalate	9.651	163	628143	52.102	ng	100
51) 2,6-Dinitrotoluene	9.710	165	139423	53.411	ng	98
52) Acenaphthene	9.963	154	605657	59.675	ng	99
53) 3-Nitroaniline	9.875	138	93535	34.746	ng	99
54) 2,4-Dinitrophenol	9.986	184	157105	139.564	ng	# 1
55) Dibenzofuran	10.134	168	757662	52.031	ng	99
56) 4-Nitrophenol	10.034	139	236405	114.147	ng	96
57) 2,4-Dinitrotoluene	10.116	165	193572	60.301	ng	97
58) Fluorene	10.481	166	578953	52.200	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	166114	55.554	ng	100
60) Diethylphthalate	10.351	149	601279	50.795	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	289782	51.737	ng	100
62) 4-Nitroaniline	10.492	138	139851	55.007	ng	95
63) Azobenzene	10.628	77	618361	49.274	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	104067	74.554	ng	92
66) n-Nitrosodiphenylamine	10.586	169	535013	52.236	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	185841	52.715	ng	99
68) Hexachlorobenzene	11.022	284	207805	52.411	ng	99
69) Atrazine	11.110	200	173450	62.517	ng	99
70) Pentachlorophenol	11.216	266	261617	108.721	ng	99
71) Phenanthrene	11.439	178	863098	53.395	ng	100
72) Anthracene	11.492	178	875234	55.495	ng	100
73) Carbazole	11.645	167	768644	52.404	ng	99
74) Di-n-butylphthalate	11.975	149	870114	51.346	ng	99
75) Fluoranthene	12.627	202	878759	53.776	ng	99
77) Benzidine	12.745	184	155302	51.774	ng	99
78) Pyrene	12.857	202	895412	56.076	ng	100
80) Butylbenzylphthalate	13.474	149	286198	59.784	ng	98
81) Benzo(a)anthracene	14.045	228	661522	55.707	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	136010	39.283	ng	98
83) Chrysene	14.080	228	588384	54.040	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	316231	58.877	ng	99
85) Di-n-octyl phthalate	14.645	149	455924	46.669	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	652789	58.462	ng	97
88) Benzo(b)fluoranthene	15.098	252	530580	50.183	ng	99
89) Benzo(k)fluoranthene	15.127	252	525217	57.601	ng	100
90) Benzo(a)pyrene	15.468	252	514414	59.130	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	536640	57.611	ng	97
92) Benzo(g,h,i)perylene	17.486	276	500426	53.784	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

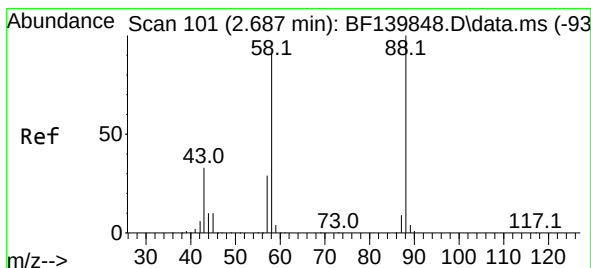
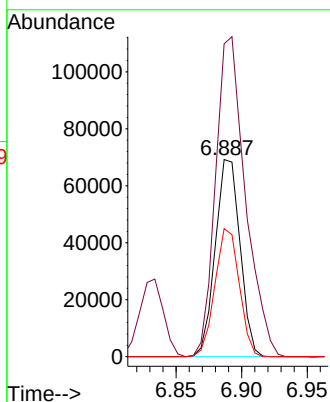
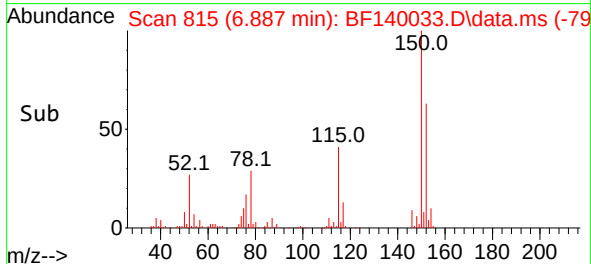
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



Tgt Ion:152 Resp: 9090
Ion Ratio Lower Upper
152 100
150 158.7 130.2 195.2
115 64.9 51.4 77.2

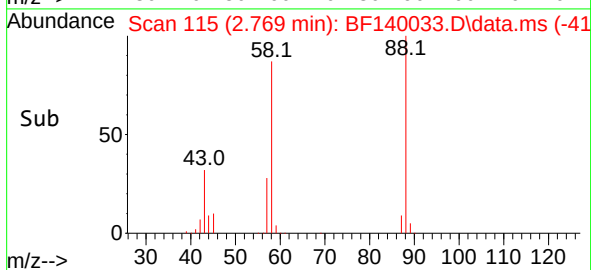
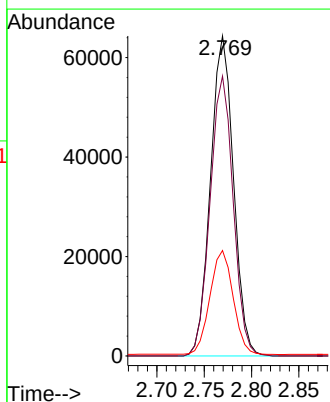
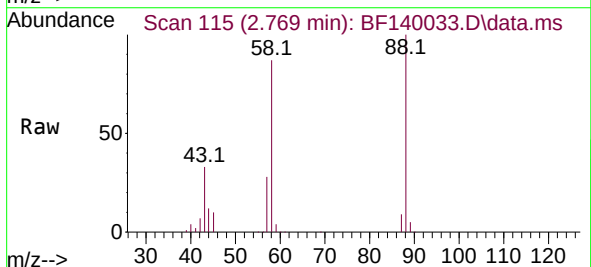
Manual Integrations
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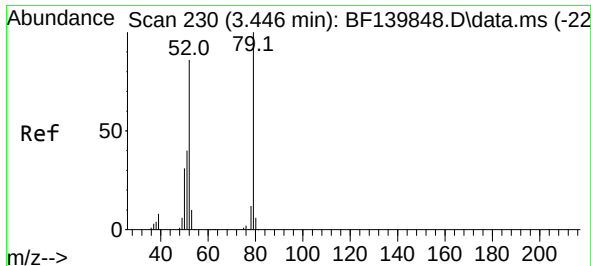
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#2
1,4-Dioxane
Concen: 40.129 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.083 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Tgt Ion: 88 Resp: 108647
Ion Ratio Lower Upper
88 100
58 87.9 73.3 109.9
43 32.8 27.1 40.7





#3

Pyridine

Concen: 43.412 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.077 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

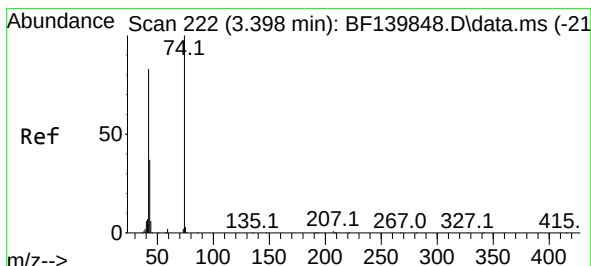
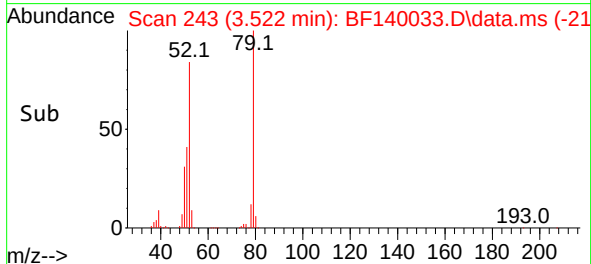
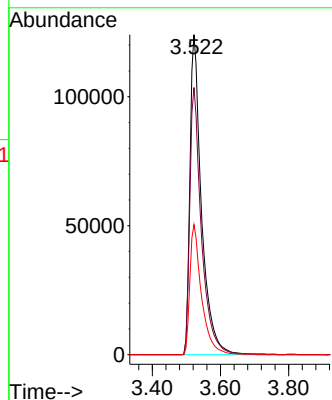
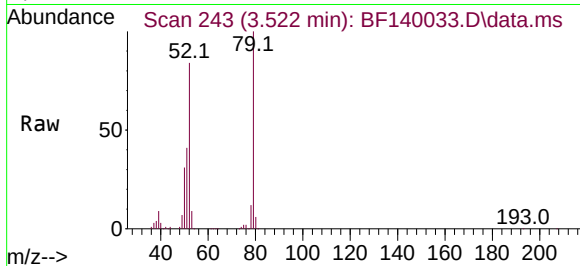
ClientSampleId :

PB164211BSD

Tgt Ion: 79 Resp: 29133
 Ion Ratio Lower Upper
 79 100
 52 83.5 68.5 102.7
 51 40.6 32.3 48.5

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#4

n-Nitrosodimethylamine

Concen: 48.981 ng

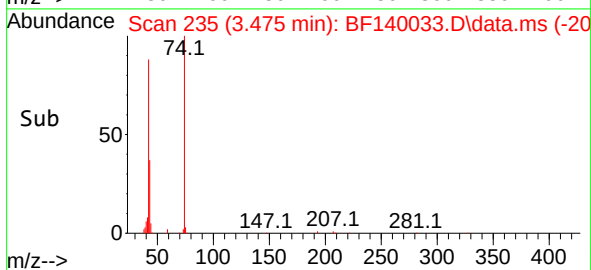
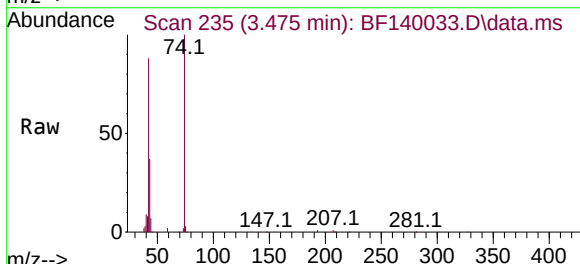
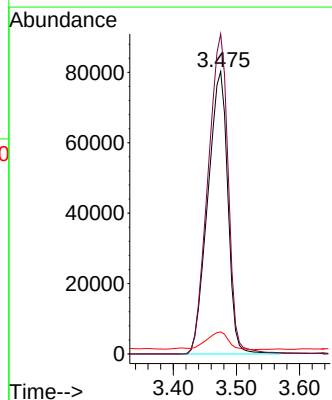
RT: 3.475 min Scan# 235

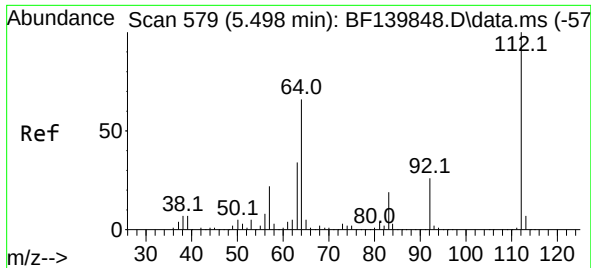
Delta R.T. 0.077 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Tgt Ion: 42 Resp: 176609
 Ion Ratio Lower Upper
 42 100
 74 113.3 96.2 144.4
 44 7.8 6.2 9.2





#5
2-Fluorophenol
Concen: 140.768 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

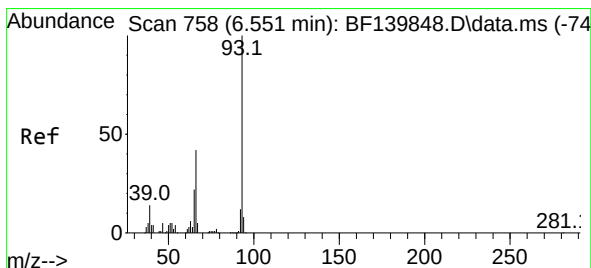
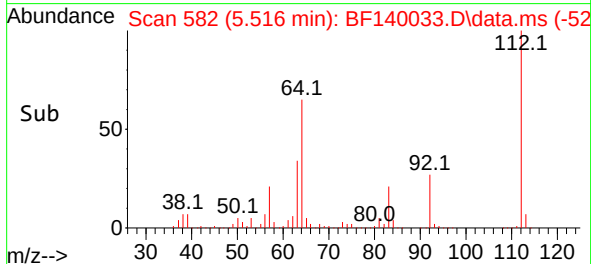
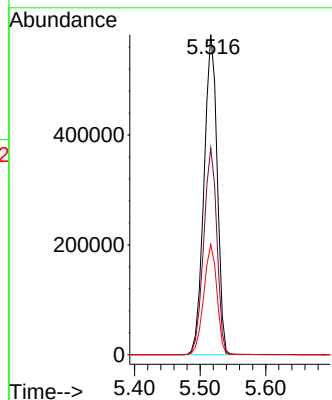
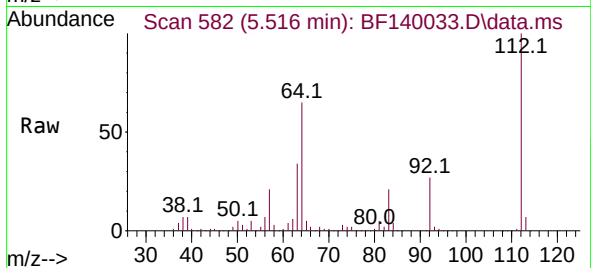
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Tgt Ion:112 Resp: 817434
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 34.4 27.0 40.4

Manual Integrations

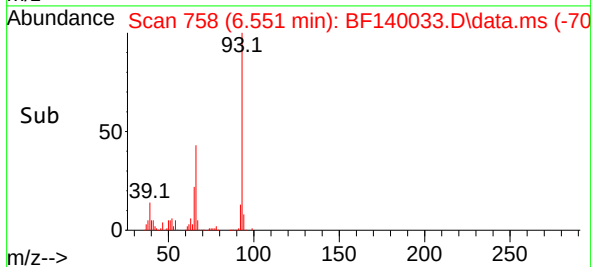
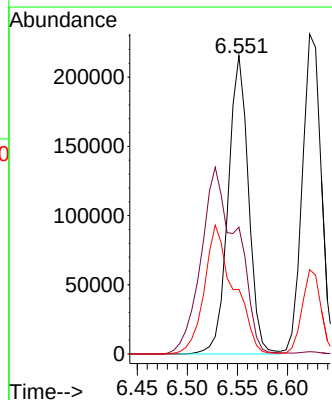
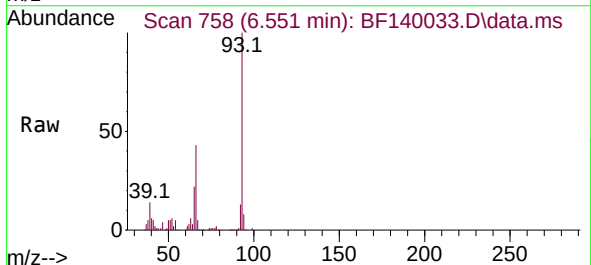
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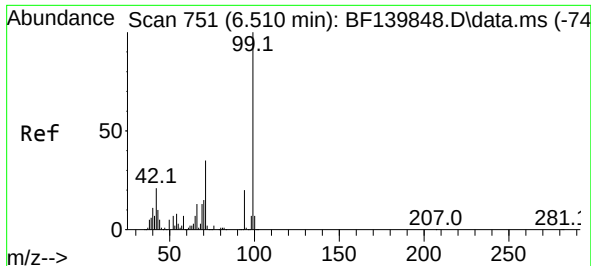
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#6
Aniline
Concen: 43.383 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Tgt Ion: 93 Resp: 304089
Ion Ratio Lower Upper
93 100
66 42.5 34.0 51.0
65 21.7 17.4 26.0





#7

Phenol-d6

Concen: 137.685 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140033.D

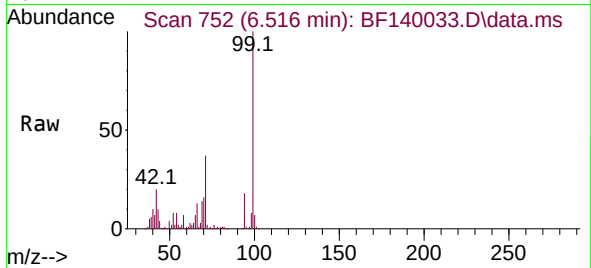
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD



Tgt Ion: 99 Resp: 1035519

Ion Ratio Lower Upper

99 100

42 20.5 16.7 25.1

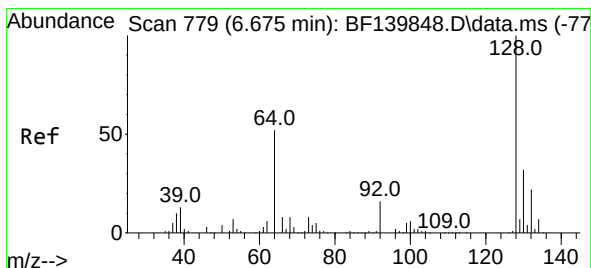
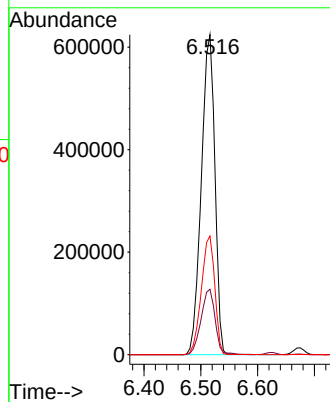
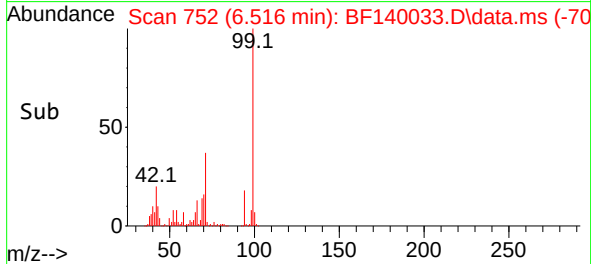
71 37.1 27.7 41.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 53.091 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

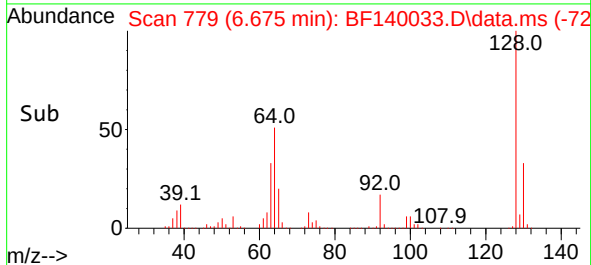
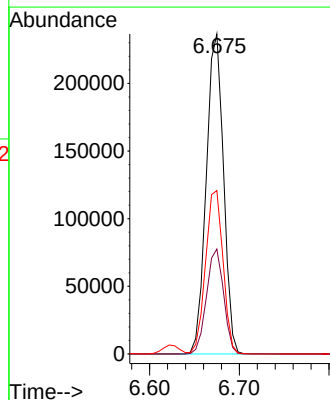
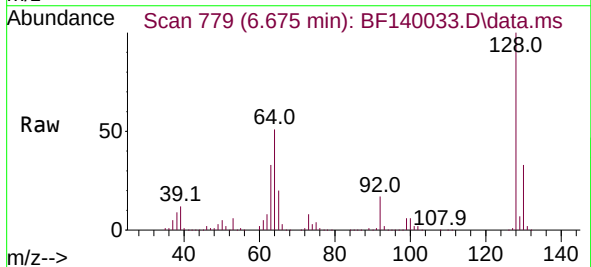
Tgt Ion:128 Resp: 315172

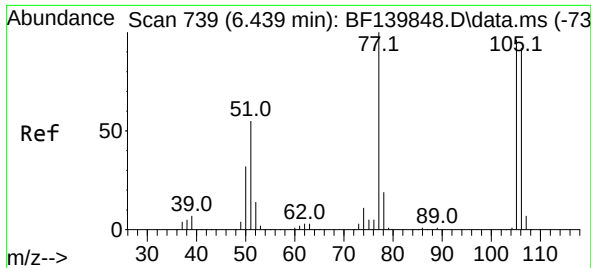
Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 51.1 34.6 74.6





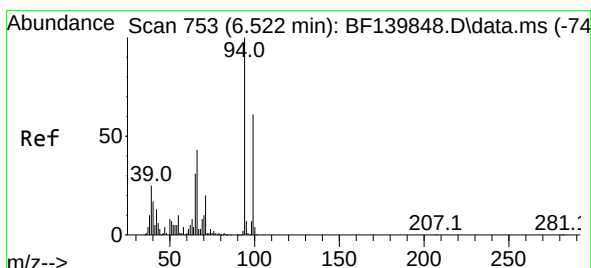
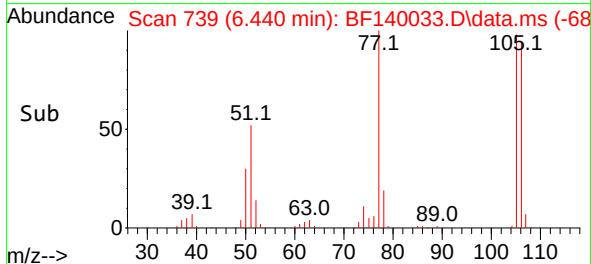
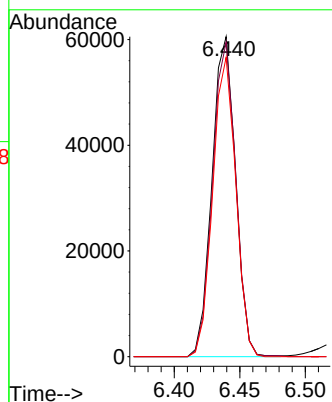
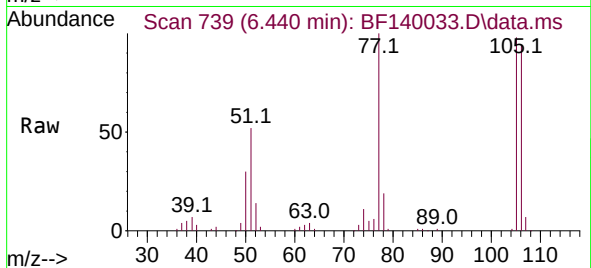
#9
Benzaldehyde
Concen: 17.844 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :
BNA_F
ClientSampleId :
PB164211BSD

Tgt Ion: 77 Resp: 7549
Ion Ratio Lower Upper
77 100
105 98.2 75.5 115.5
106 93.5 71.7 111.7

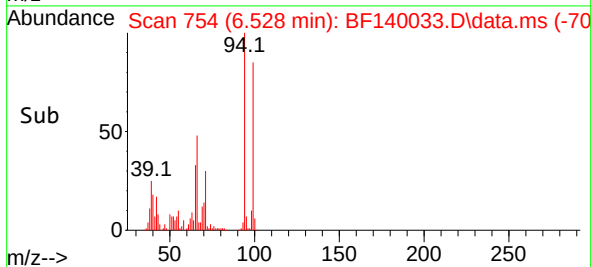
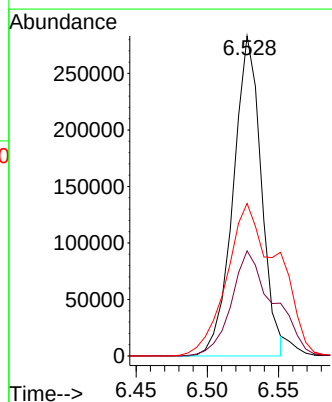
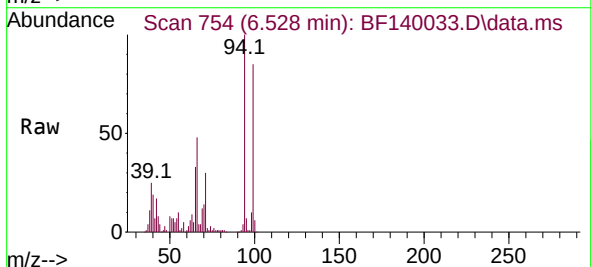
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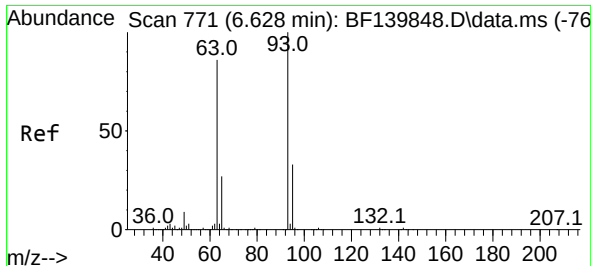
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#10
Phenol
Concen: 49.982 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

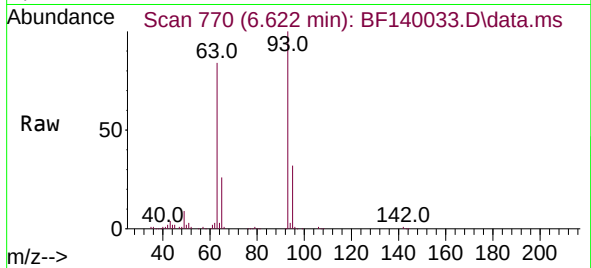
Tgt Ion: 94 Resp: 387548
Ion Ratio Lower Upper
94 100
65 32.9 11.1 51.1
66 47.6 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 50.094 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

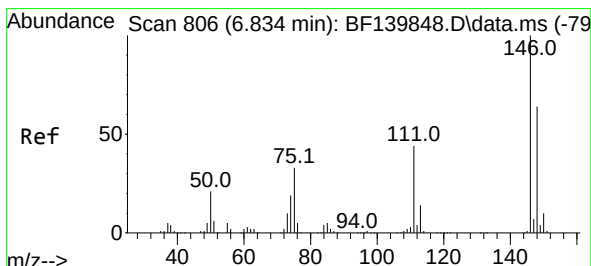
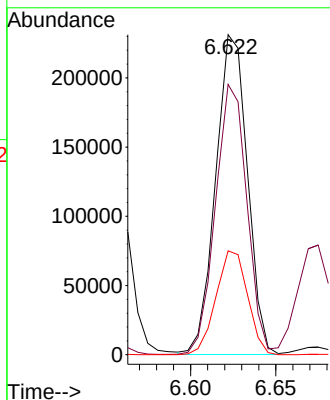
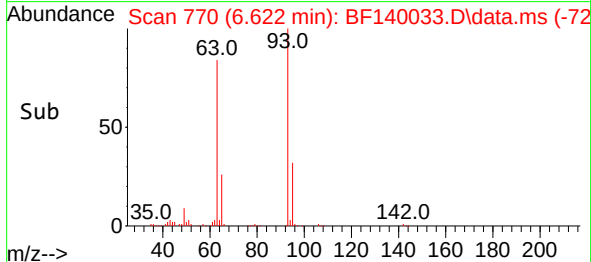
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



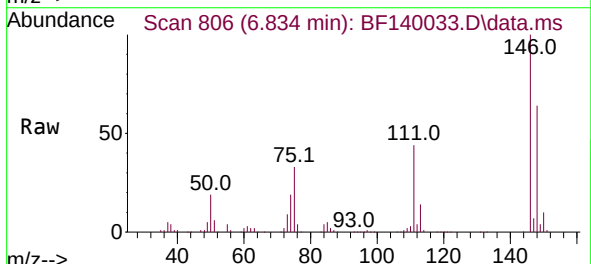
Tgt Ion: 93 Resp: 300215
Ion Ratio Lower Upper
93 100
63 84.4 65.0 105.0
95 32.4 12.4 52.4

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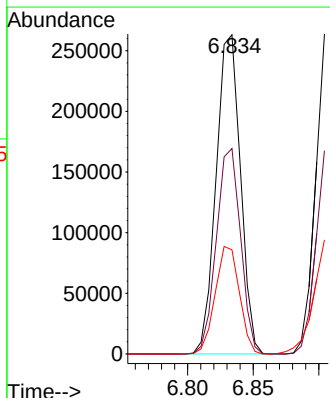
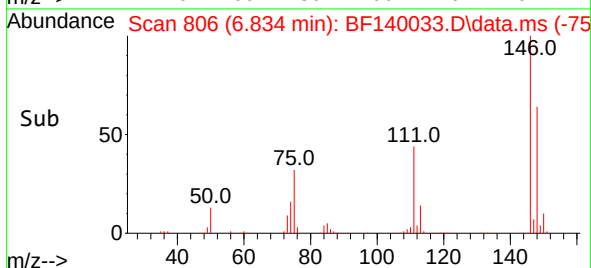
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

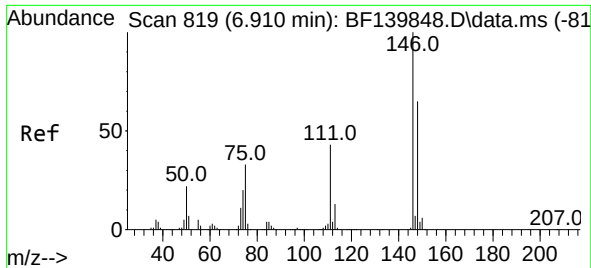


#12
1,3-Dichlorobenzene
Concen: 49.784 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:146 Resp: 339253
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 32.6 26.4 39.6





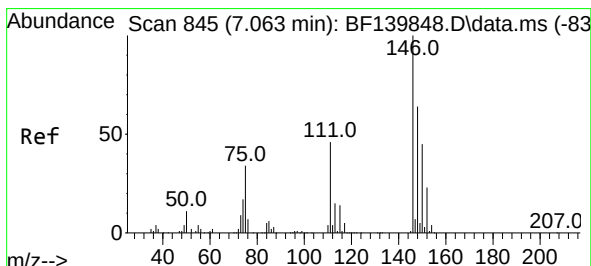
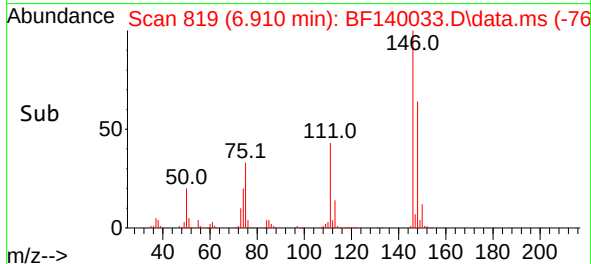
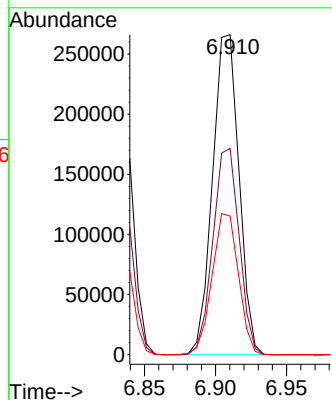
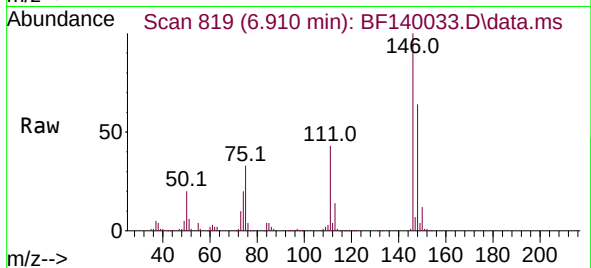
#13
1,4-Dichlorobenzene
Concen: 50.541 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :
BNA_F
ClientSampleId :
PB164211BSD

Tgt Ion:146 Resp: 344091
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 43.3 34.6 51.8

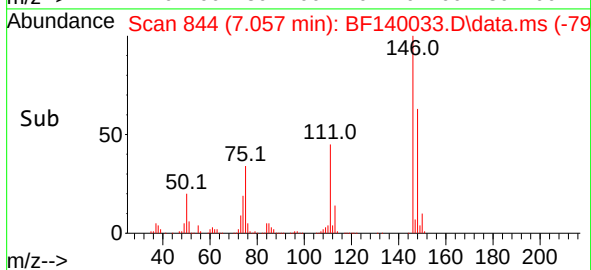
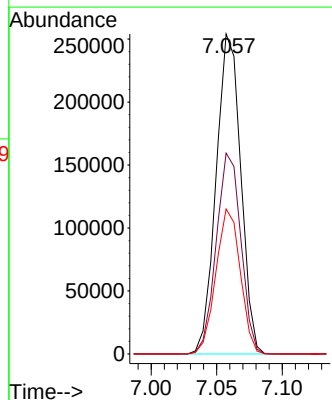
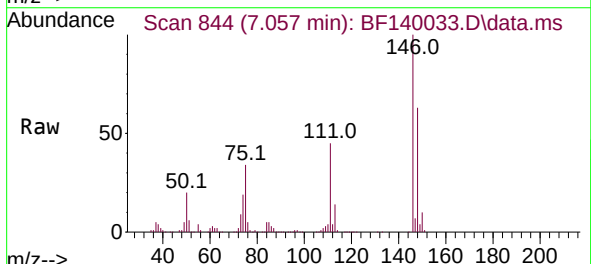
Manual Integrations
APPROVED

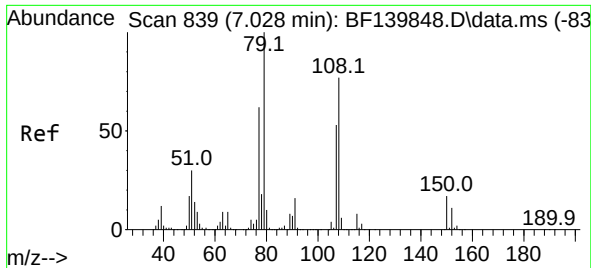
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#14
1,2-Dichlorobenzene
Concen: 52.170 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

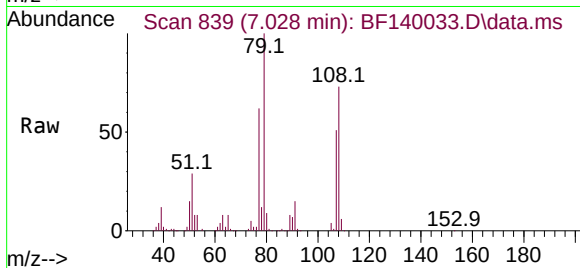
Tgt Ion:146 Resp: 331495
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.2
111 45.3 36.7 55.1





#15
Benzyl Alcohol
Concen: 53.008 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

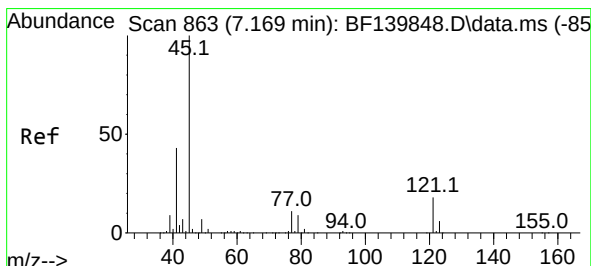
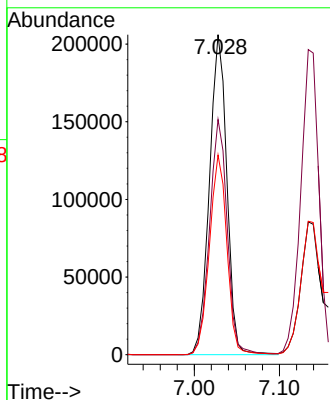
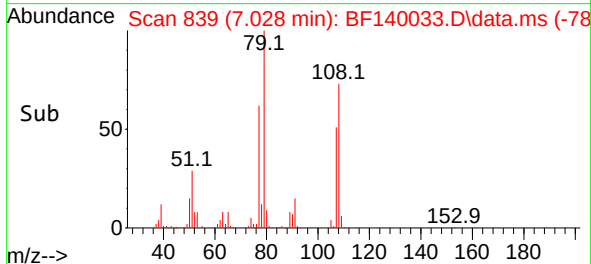
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



Tgt Ion: 79 Resp: 29243
Ion Ratio Lower Upper
79 100
108 73.5 61.4 92.0
77 62.4 49.9 74.9

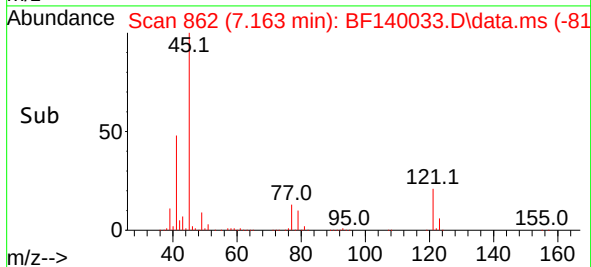
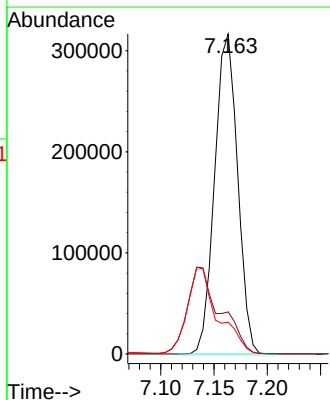
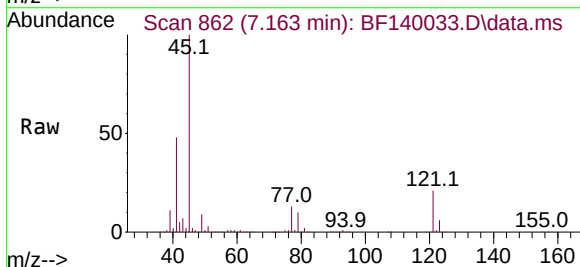
Manual Integrations
APPROVED

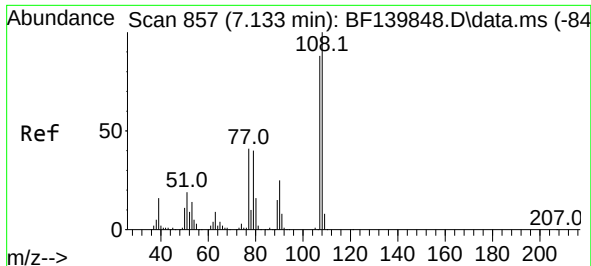
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.251 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Tgt Ion: 45 Resp: 472633
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 10.0 0.0 29.1





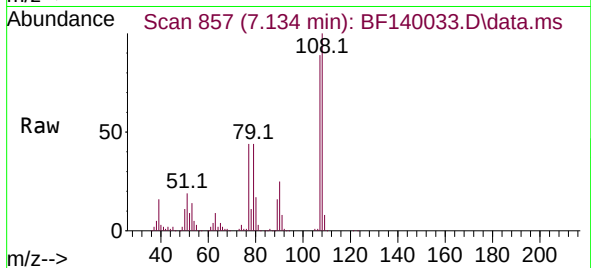
#17
2-Methylphenol
Concen: 50.882 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

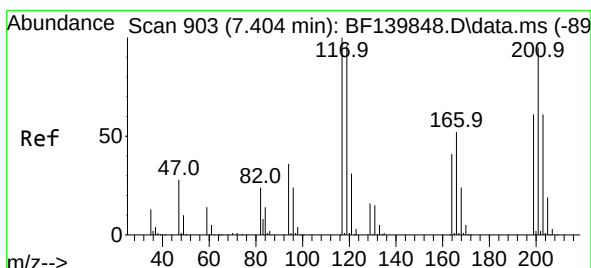
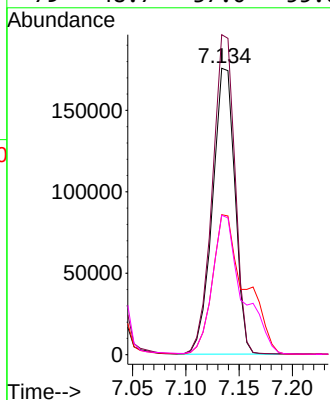
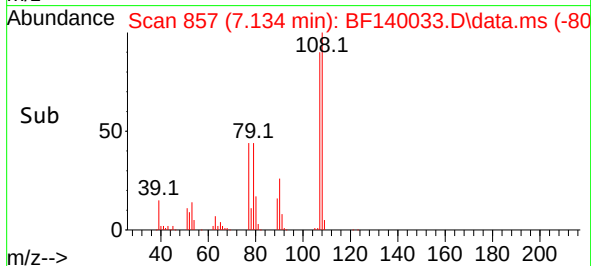


Tgt Ion:107 Resp: 25756
Ion Ratio Lower Upper
107 100
108 111.8 91.3 136.9
77 48.9 37.1 55.7
79 48.7 37.0 55.6

Manual Integrations

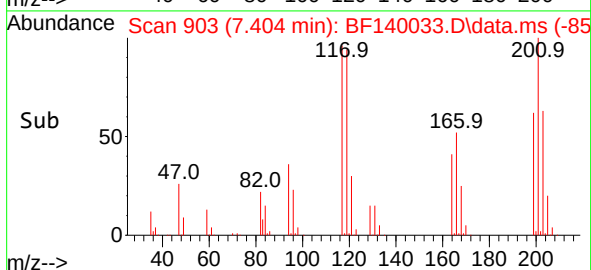
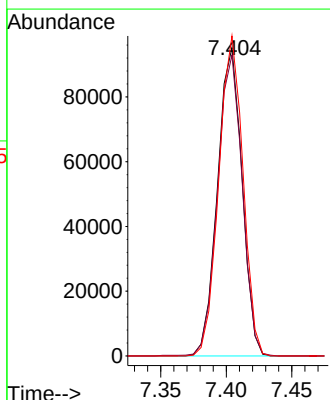
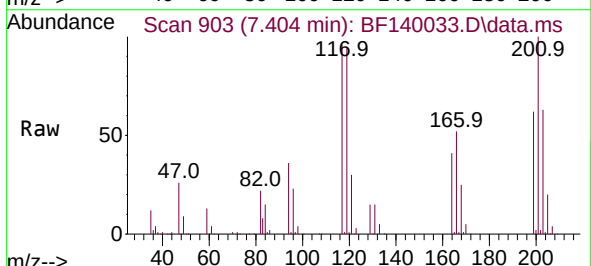
APPROVED

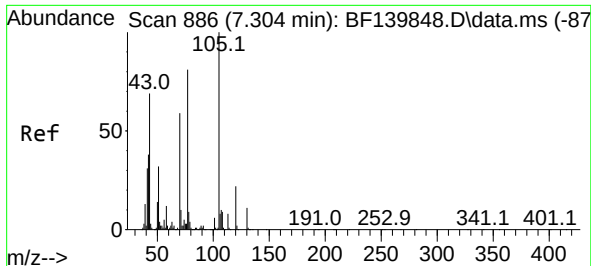
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#18
Hexachloroethane
Concen: 51.024 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

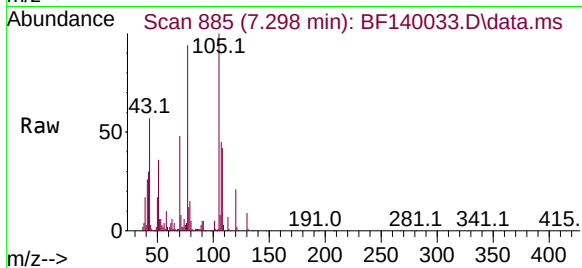
Tgt Ion:117 Resp: 123876
Ion Ratio Lower Upper
117 100
119 97.6 77.0 115.4
201 103.8 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 48.658 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

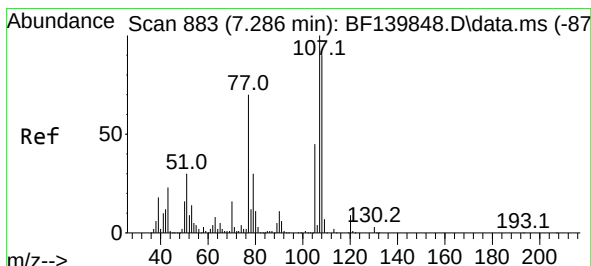
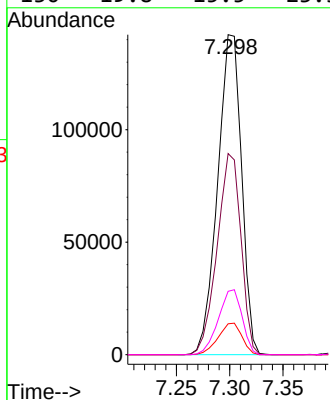
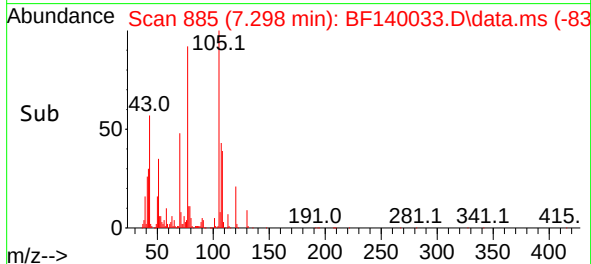
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



Tgt Ion: 70 Resp: 221948
Ion Ratio Lower Upper
70 100
42 62.8 51.5 77.3
101 9.7 7.5 11.3
130 19.8 15.5 23.3

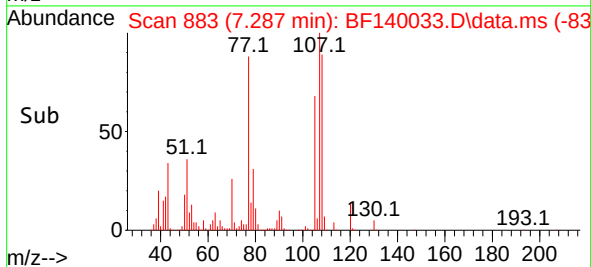
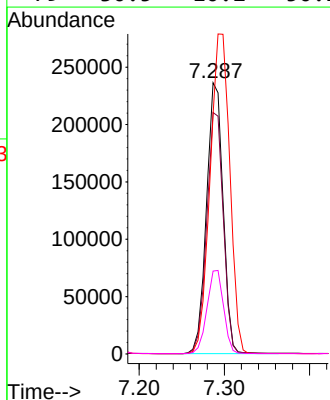
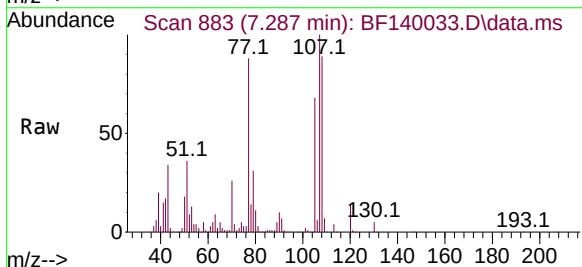
Manual Integrations
APPROVED

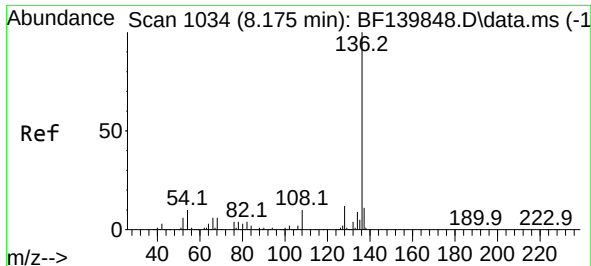
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#20
3+4-Methylphenols
Concen: 49.114 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Tgt Ion:107 Resp: 317999
Ion Ratio Lower Upper
107 100
108 89.0 69.8 109.8
77 88.4 50.5 90.5
79 30.5 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: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

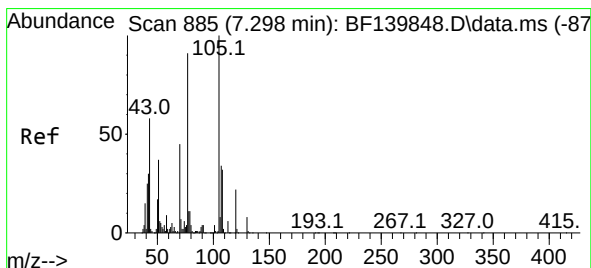
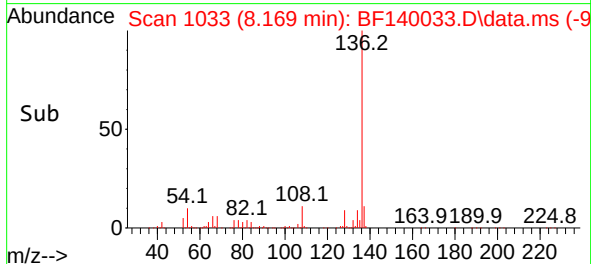
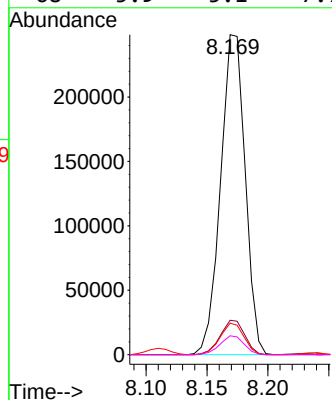
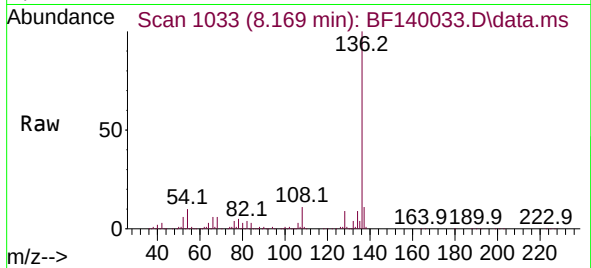
ClientSampleId :

PB164211BSD

Tgt Ion:136 Resp: 34929
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.8 8.4 12.6
68 5.9 5.1 7.7

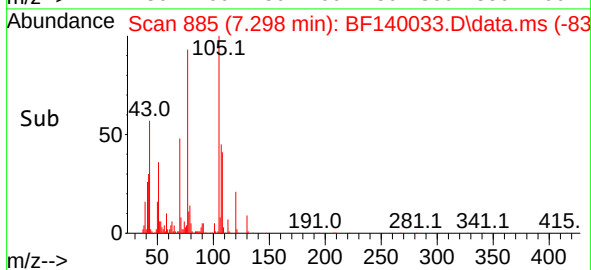
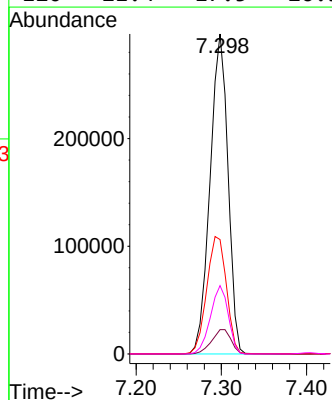
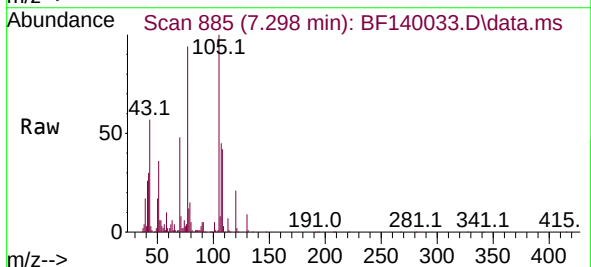
Manual Integrations
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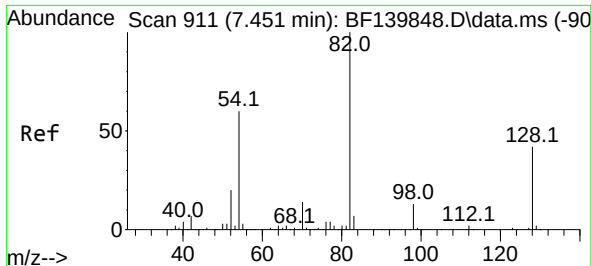
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#22
Acetophenone
Concen: 50.743 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Tgt Ion:105 Resp: 434118
Ion Ratio Lower Upper
105 100
71 7.6 5.9 8.9
51 35.8 29.4 44.2
120 21.4 17.5 26.3





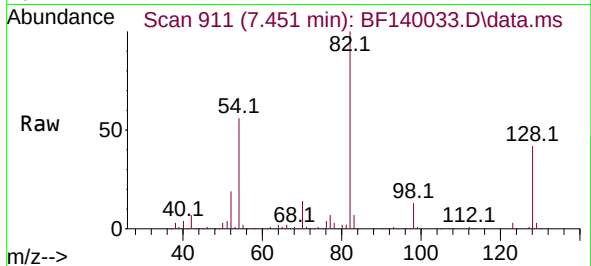
#23
Nitrobenzene-d5
Concen: 108.355 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

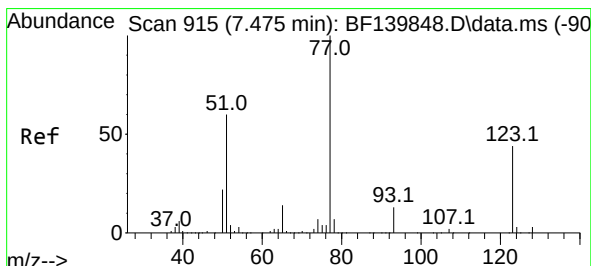
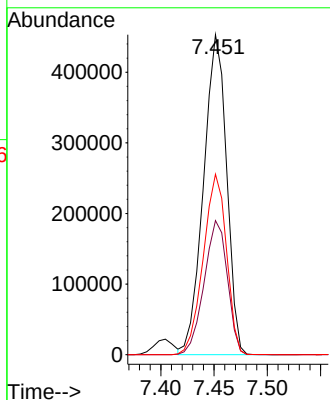
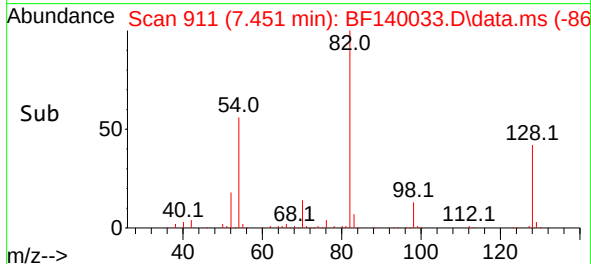


Tgt Ion: 82 Resp: 682878
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.0
54 56.4 47.8 71.8

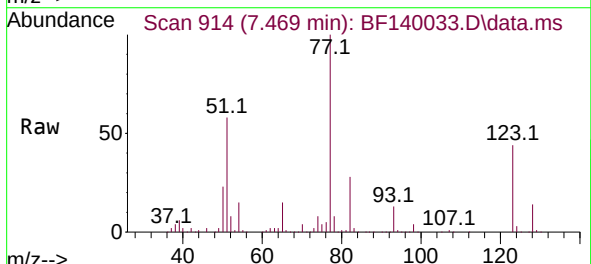
Manual Integrations

APPROVED

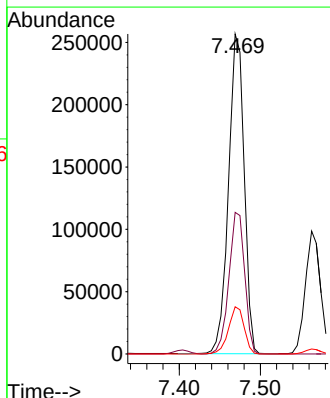
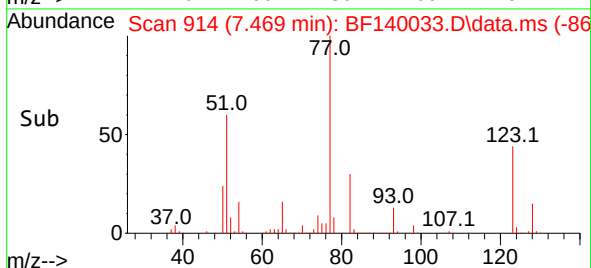
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

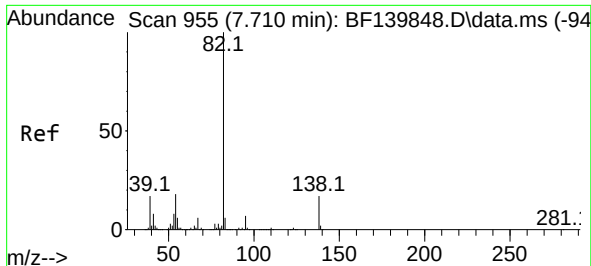


#24
Nitrobenzene
Concen: 49.828 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



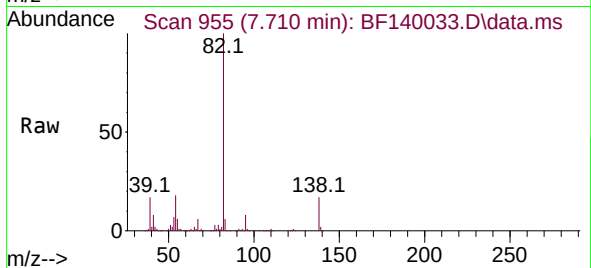
Tgt Ion: 77 Resp: 344294
Ion Ratio Lower Upper
77 100
123 44.2 35.7 53.5
65 14.8 11.5 17.3





#25
Isophorone
Concen: 50.938 ng
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

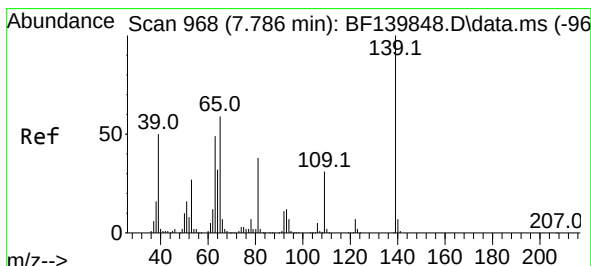
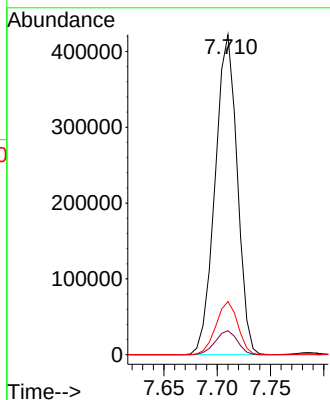
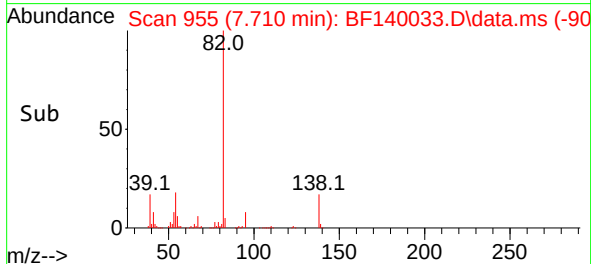
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



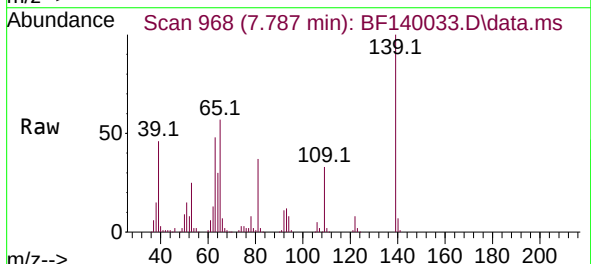
Tgt Ion: 82 Resp: 609300
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 16.6 13.2 19.8

Manual Integrations
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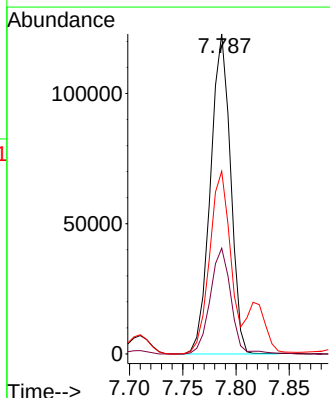
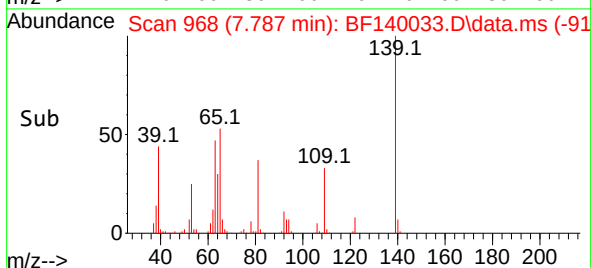
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

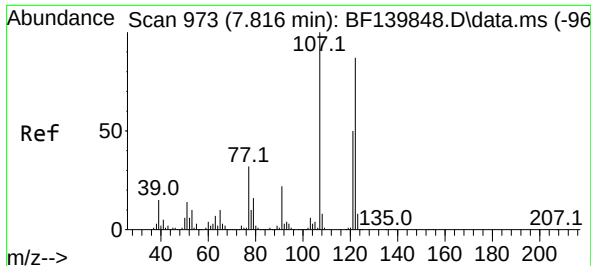


#26
2-Nitrophenol
Concen: 61.864 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:139 Resp: 161263
Ion Ratio Lower Upper
139 100
109 33.1 25.1 37.7
65 57.1 47.5 71.3





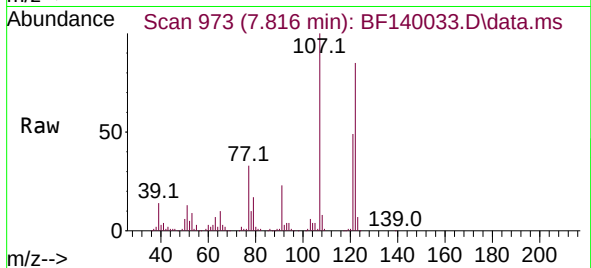
#27
2,4-Dimethylphenol
Concen: 58.687 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD



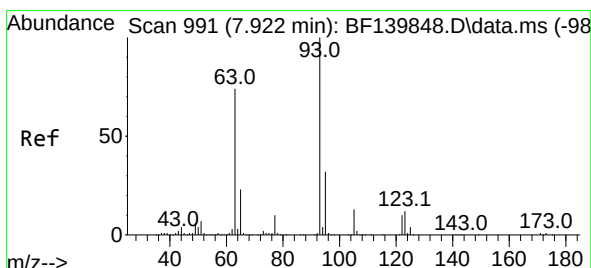
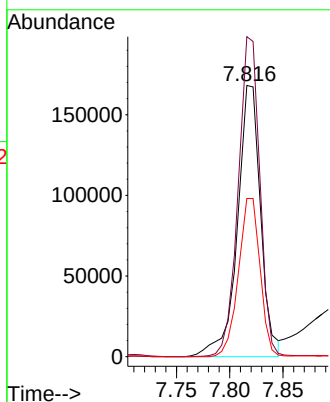
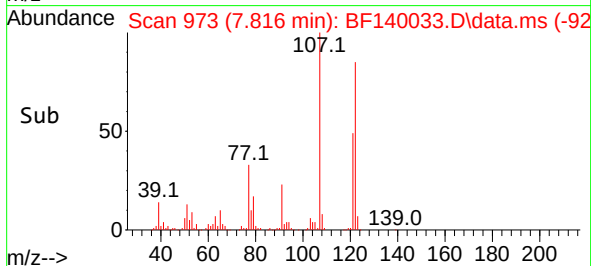
Tgt Ion:122 Resp: 255080
Ion Ratio Lower Upper
122 100
107 118.0 91.9 137.9
121 58.3 46.2 69.4

Manual Integrations

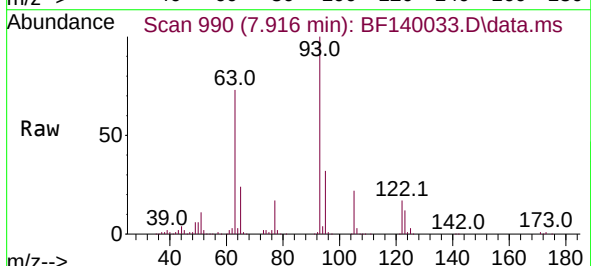
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

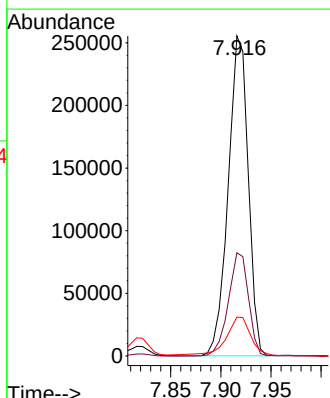
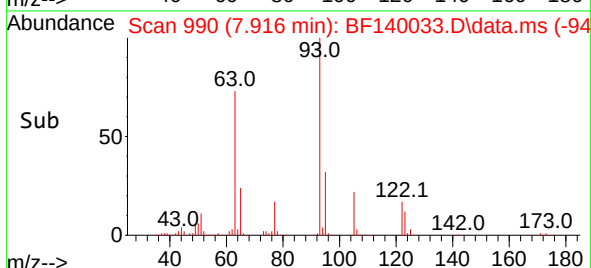
Supervised By :mohammad ahmed 10/28/2024

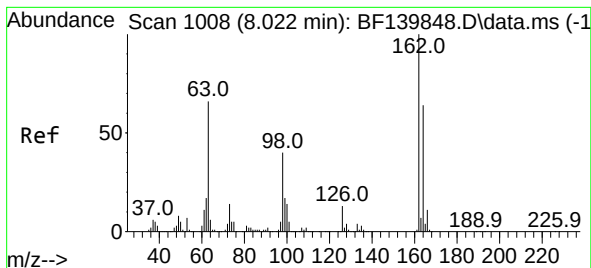


#28
bis(2-Chloroethoxy)methane
Concen: 48.967 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion: 93 Resp: 354871
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 12.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 51.065 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

Tgt Ion:162 Resp: 25281

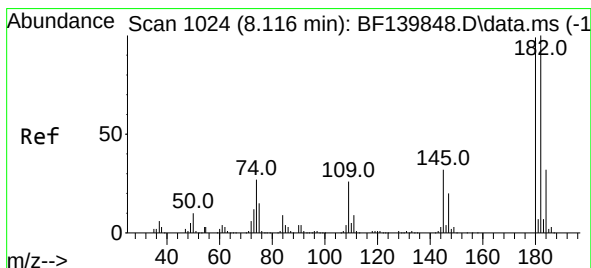
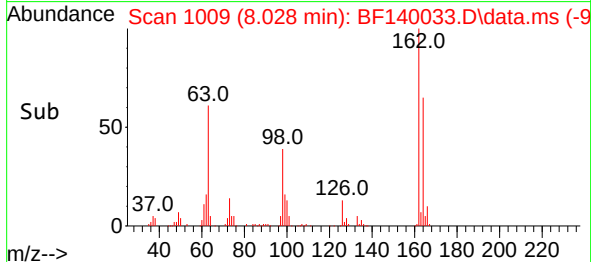
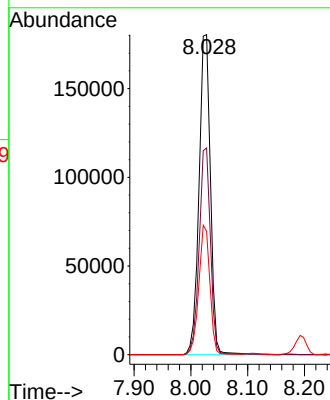
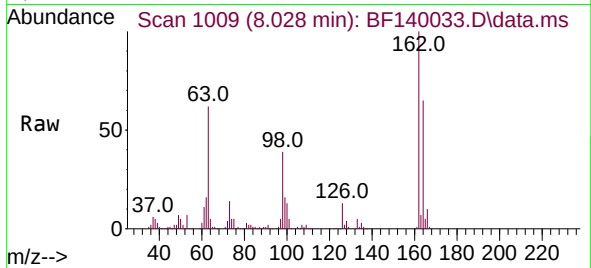
Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.9	83.9
98	38.6	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 50.194 ng

RT: 8.110 min Scan# 1023

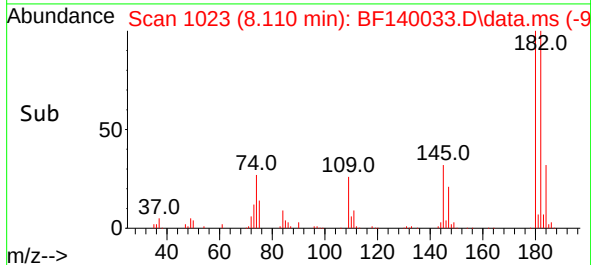
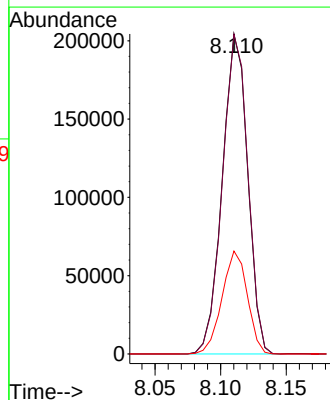
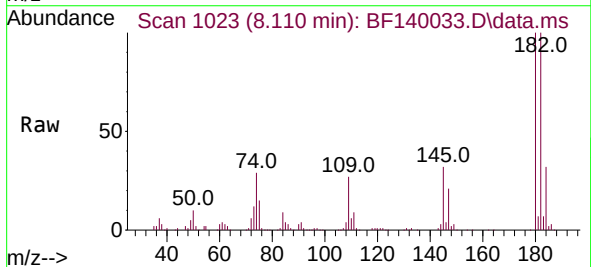
Delta R.T. -0.006 min

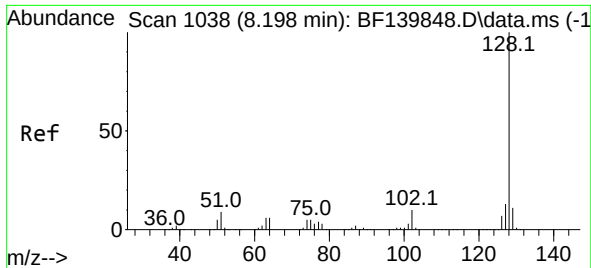
Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Tgt Ion:180 Resp: 274975

Ion	Ratio	Lower	Upper
180	100		
182	99.8	80.5	120.7
145	32.2	25.4	38.0





#31
Naphthalene
Concen: 50.860 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

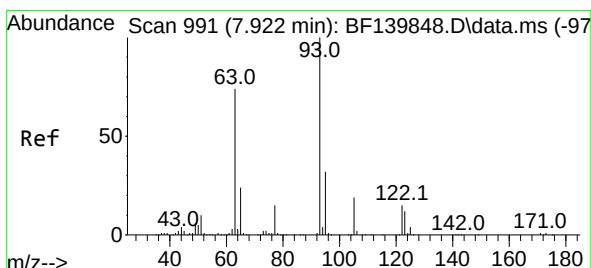
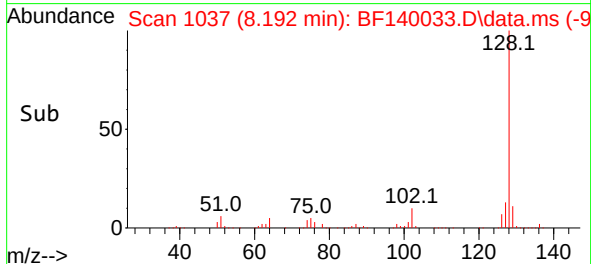
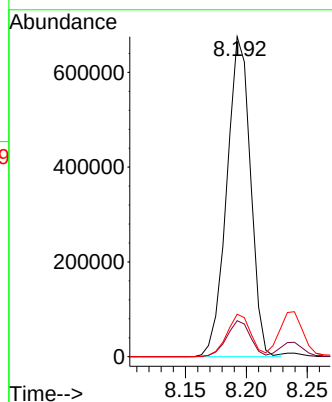
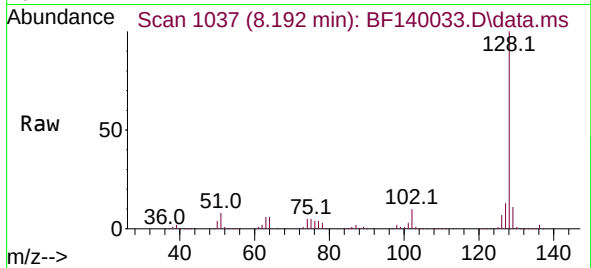
ClientSampleId :

PB164211BSD

Tgt Ion:128 Resp: 916220
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 16.0

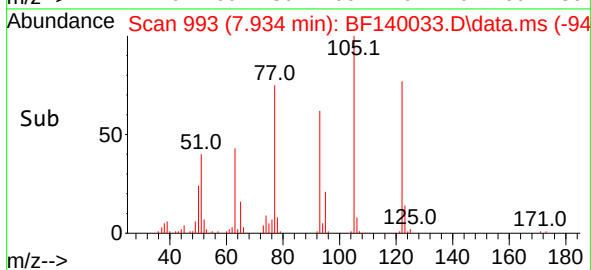
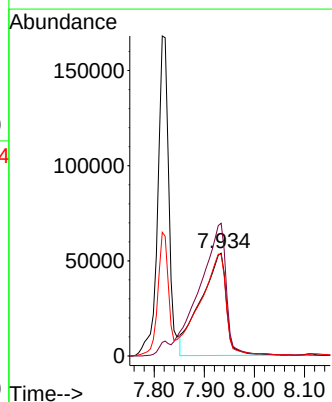
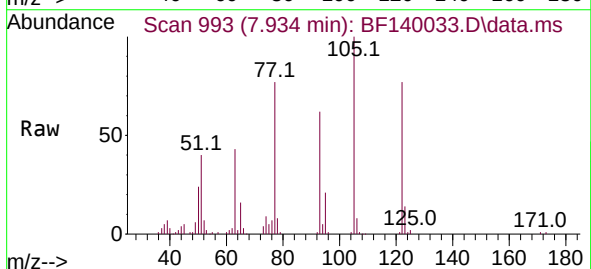
Manual Integrations
APPROVED

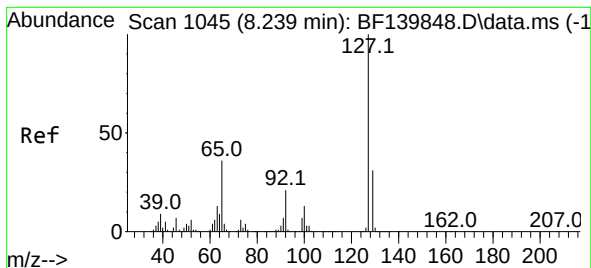
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#32
Benzoic acid
Concen: 50.379 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Tgt Ion:122 Resp: 190989
Ion Ratio Lower Upper
122 100
105 129.1 107.6 147.6
77 98.9 80.2 120.2





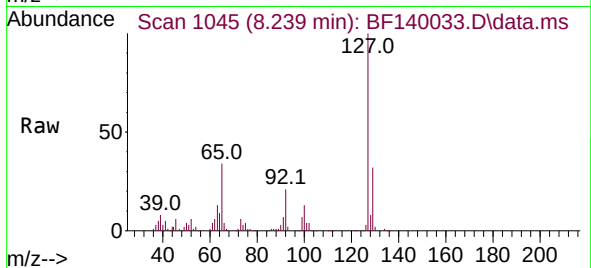
#33
4-Chloroaniline
Concen: 22.063 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

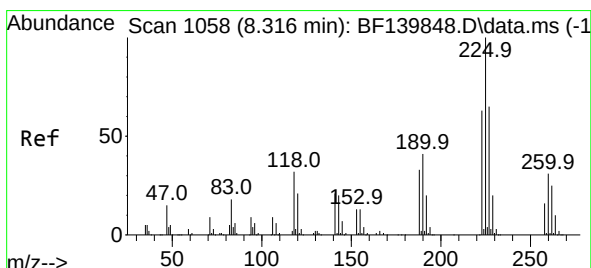
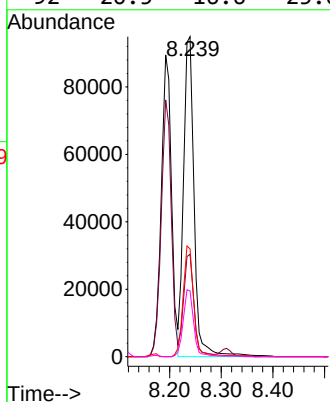
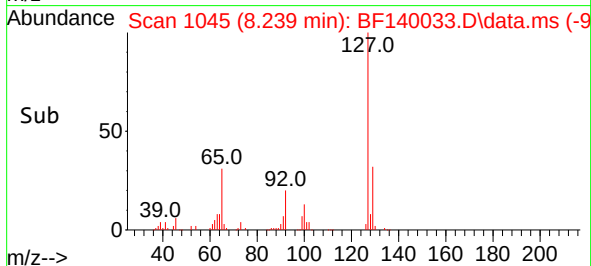


Tgt Ion:127 Resp: 135520
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 33.7 28.4 42.6
92 20.5 16.6 25.0

Manual Integrations

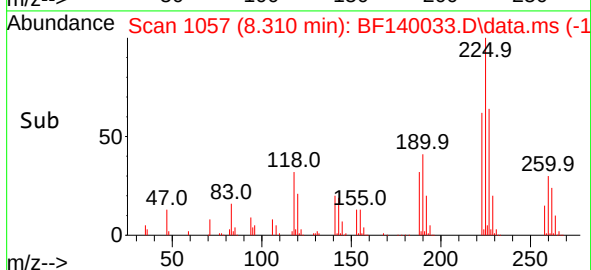
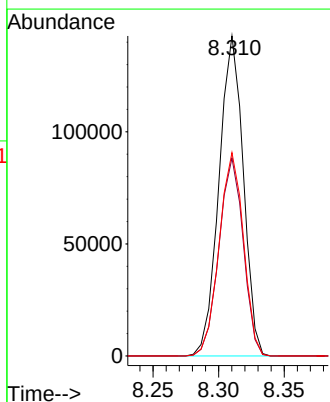
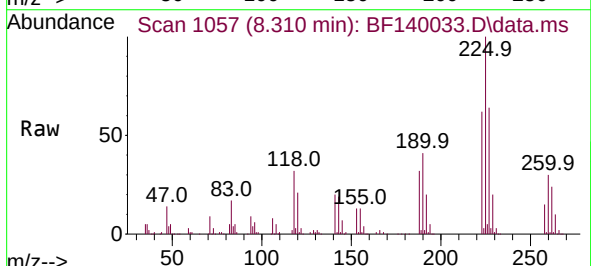
APPROVED

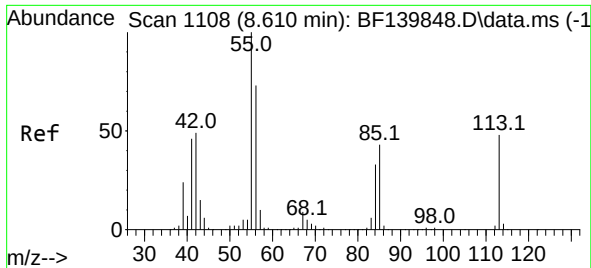
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#34
Hexachlorobutadiene
Concen: 53.398 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

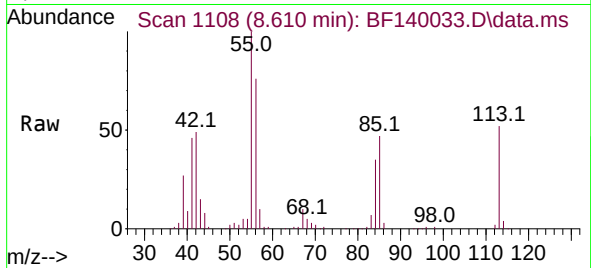
Tgt Ion:225 Resp: 183797
Ion Ratio Lower Upper
225 100
223 61.8 50.6 76.0
227 63.5 51.8 77.8





#35
Caprolactam
Concen: 51.965 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

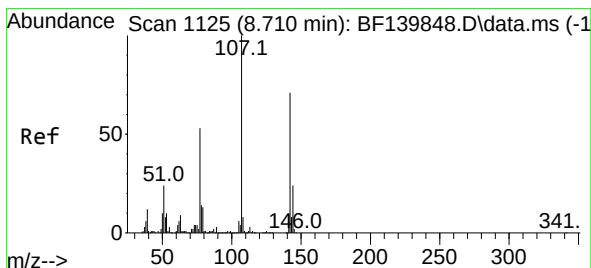
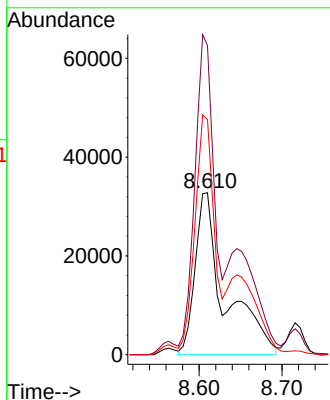
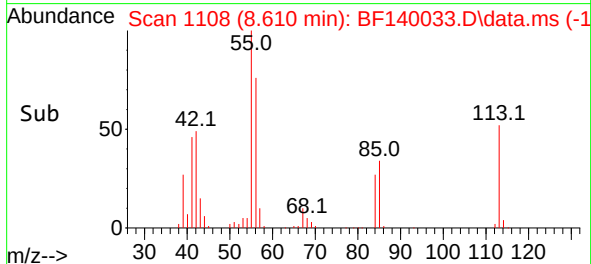
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



Tgt Ion:113 Resp: 81804
Ion Ratio Lower Upper
113 100
55 190.9 189.2 229.2
56 145.3 132.5 172.5

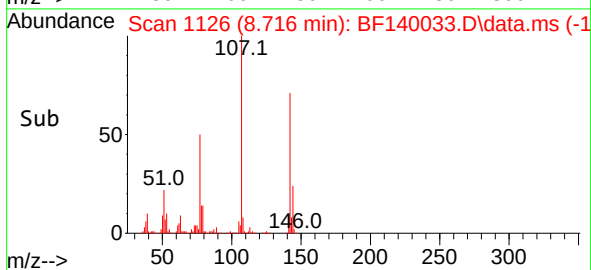
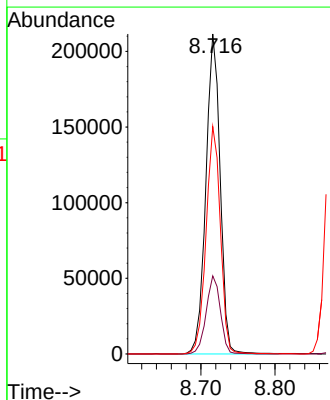
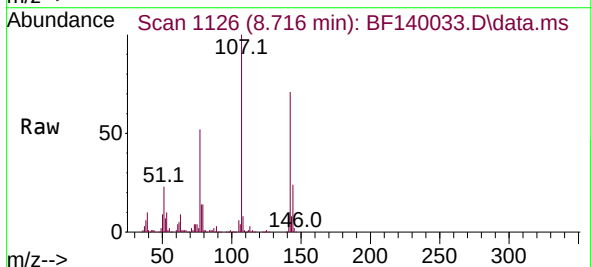
Manual Integrations
APPROVED

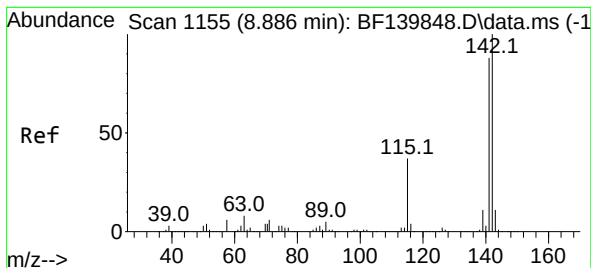
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#36
4-Chloro-3-methylphenol
Concen: 51.649 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

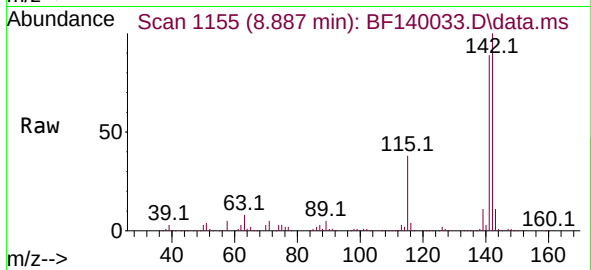
Tgt Ion:107 Resp: 283139
Ion Ratio Lower Upper
107 100
144 24.4 19.1 28.7
142 71.0 57.2 85.8





#37
2-Methylnaphthalene
Concen: 52.231 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

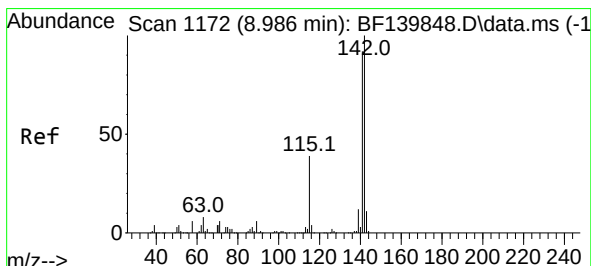
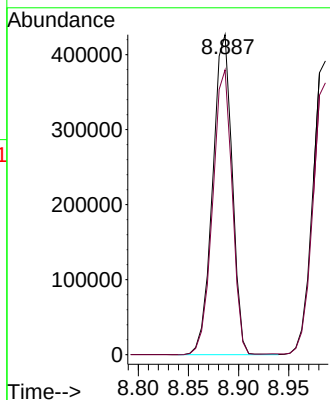
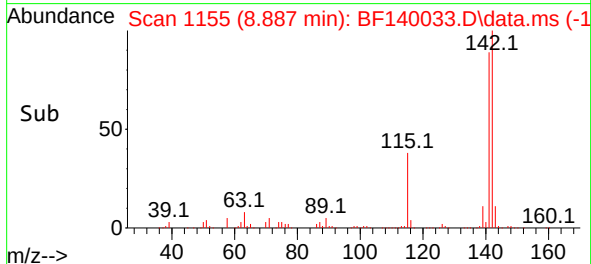
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



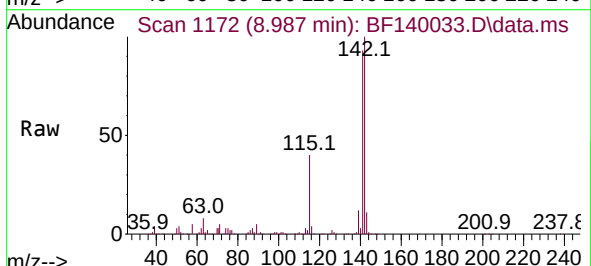
Tgt Ion:142 Resp: 576248
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2

Manual Integrations
APPROVED

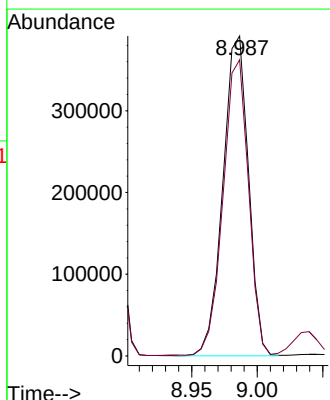
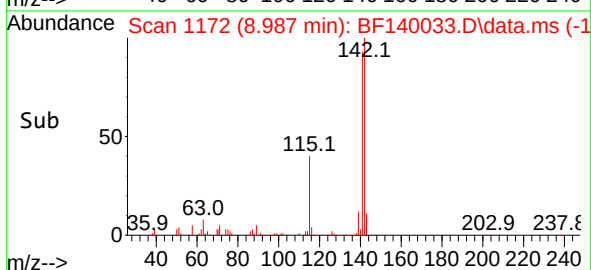
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

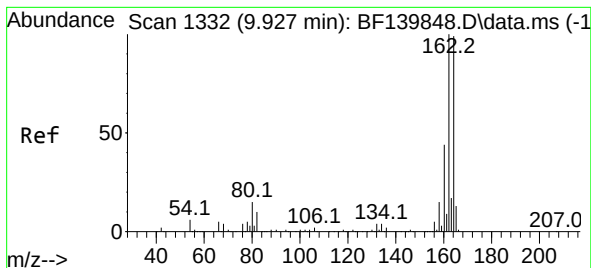


#38
1-Methylnaphthalene
Concen: 48.990 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:142 Resp: 530285
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF140033.D

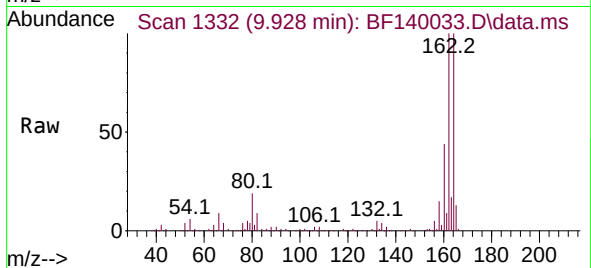
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD



Tgt Ion:164 Resp: 193554

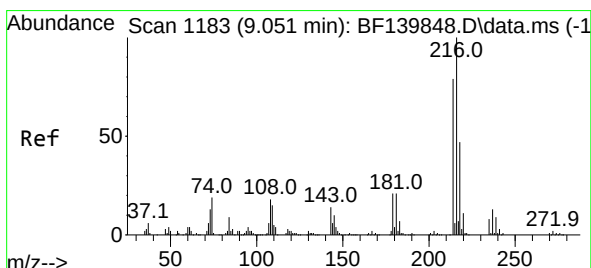
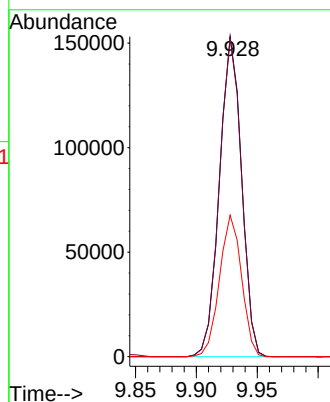
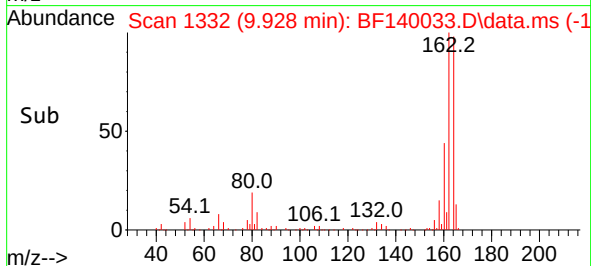
Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.0	121.4
160	44.2	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.208 ng

RT: 9.051 min Scan# 1183

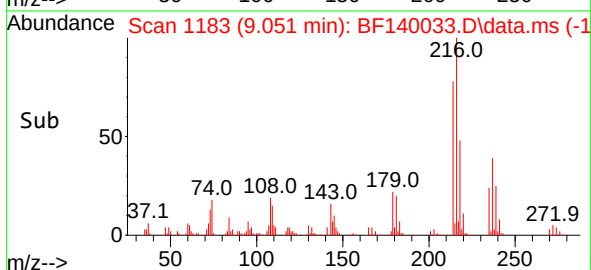
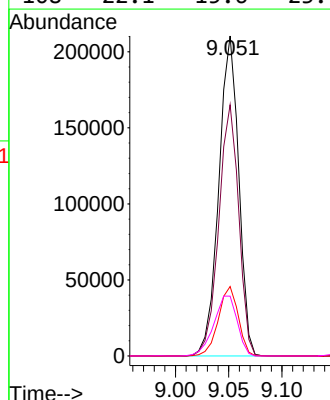
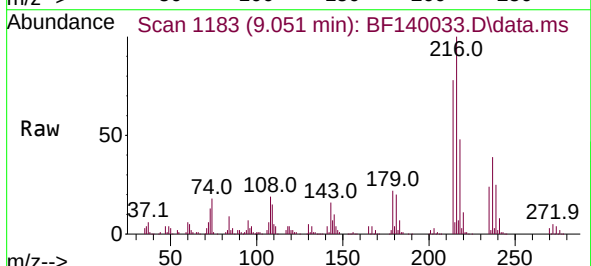
Delta R.T. 0.000 min

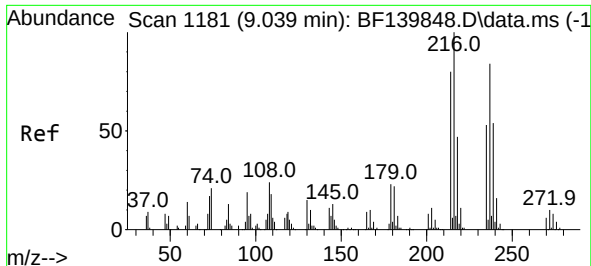
Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Tgt Ion:216 Resp: 272619

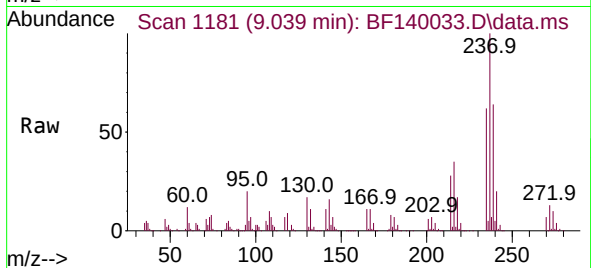
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.0
179	21.6	17.2	25.8
108	22.1	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 199.981 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

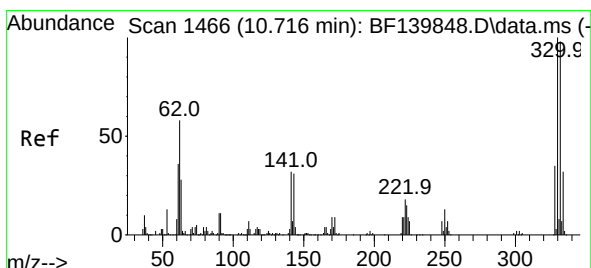
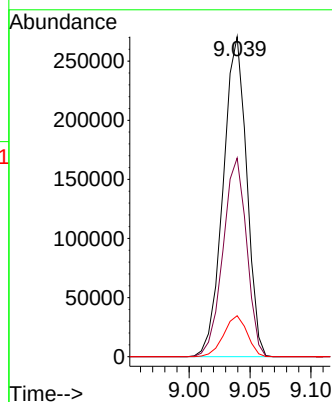
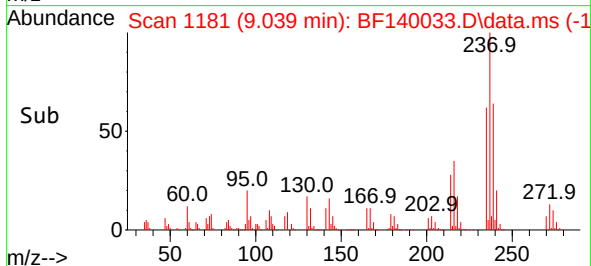
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



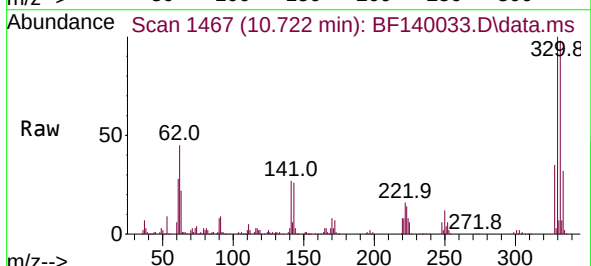
Tgt Ion:237 Resp: 363352
Ion Ratio Lower Upper
237 100
235 62.1 42.9 82.9
272 12.8 0.0 32.3

Manual Integrations
APPROVED

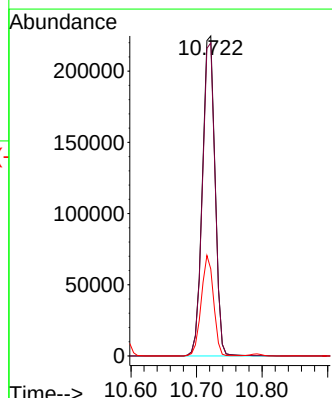
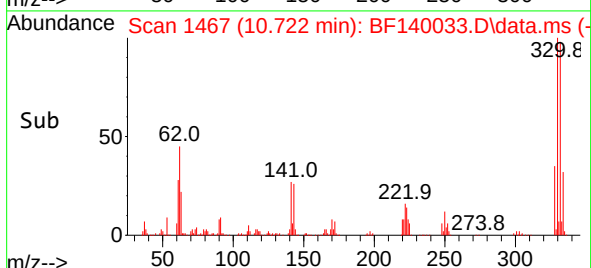
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

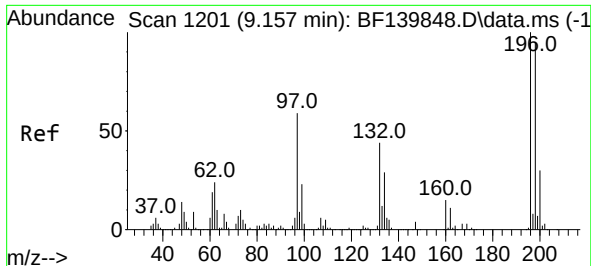


#42
2,4,6-Tribromophenol
Concen: 166.907 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



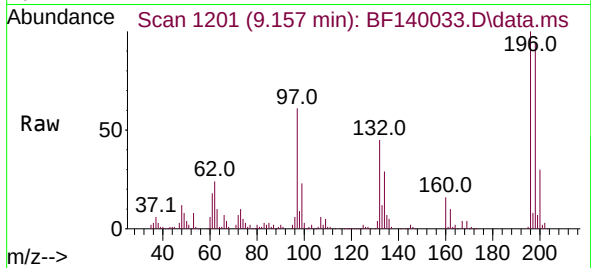
Tgt Ion:330 Resp: 302175
Ion Ratio Lower Upper
330 100
332 97.8 78.1 117.1
141 30.5 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 53.650 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

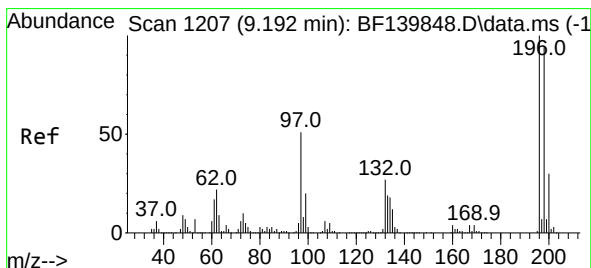
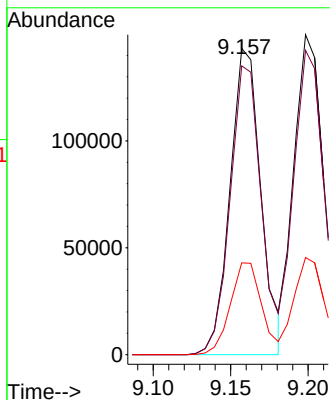
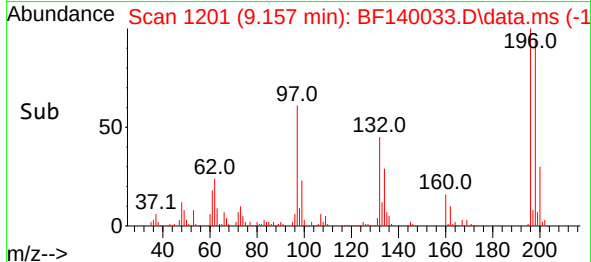
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



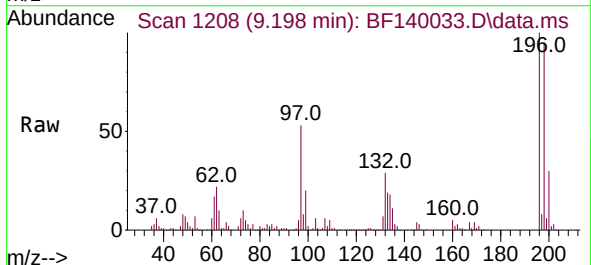
Tgt Ion:196 Resp: 19834
Ion Ratio Lower Upper
196 100
198 94.3 76.2 114.2
200 30.0 24.0 36.0

Manual Integrations
APPROVED

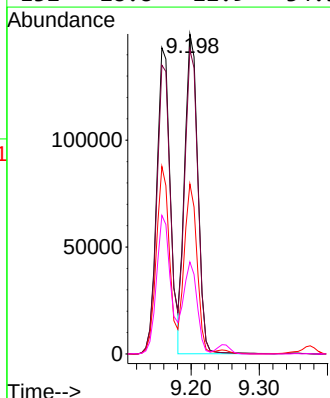
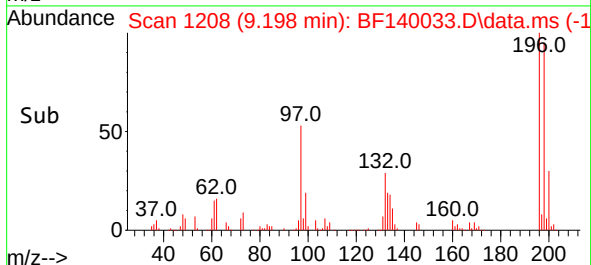
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

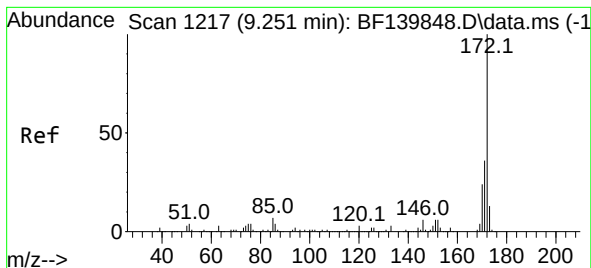


#44
2,4,5-Trichlorophenol
Concen: 52.148 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:196 Resp: 198905
Ion Ratio Lower Upper
196 100
198 95.1 75.8 113.6
97 53.2 41.8 62.6
132 28.8 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 103.367 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

Tgt Ion:172 Resp: 1210570

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

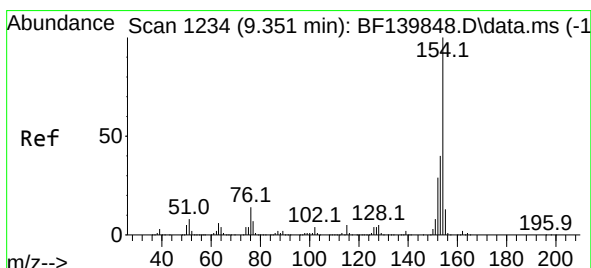
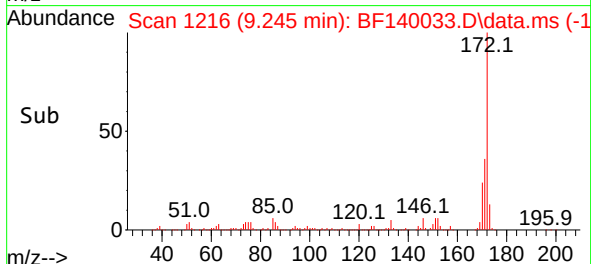
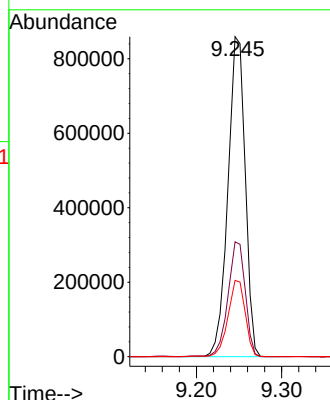
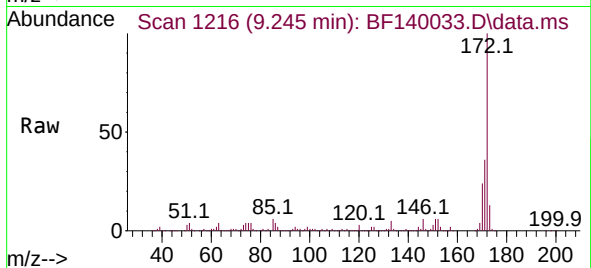
170 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#46

1,1'-Biphenyl

Concen: 50.609 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

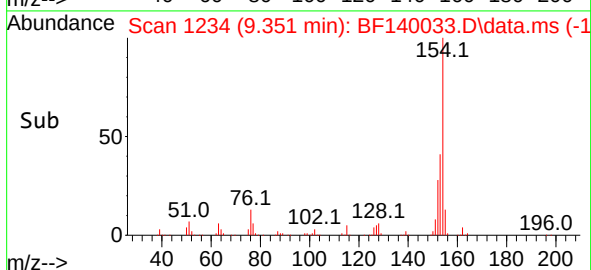
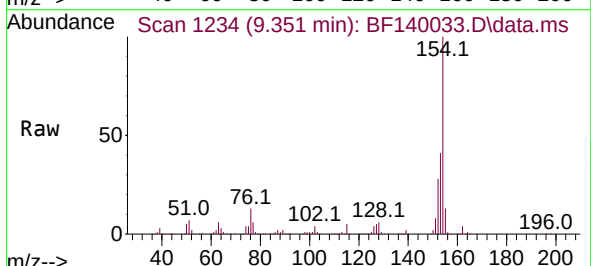
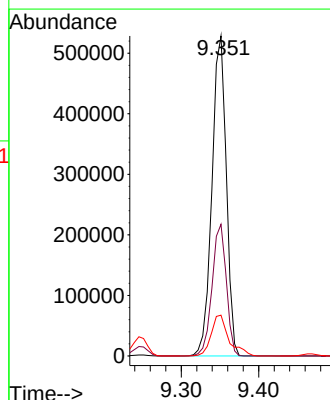
Tgt Ion:154 Resp: 681920

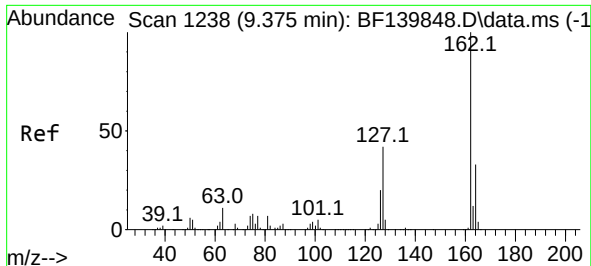
Ion Ratio Lower Upper

154 100

153 41.2 20.3 60.3

76 12.8 0.0 33.9





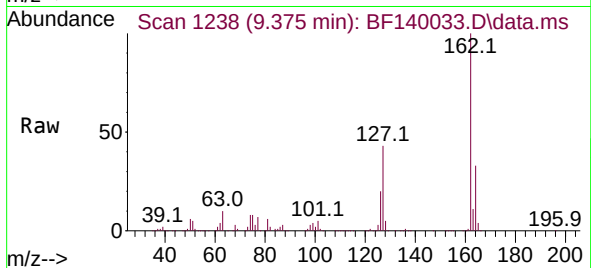
#47
2-Chloronaphthalene
Concen: 50.154 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD



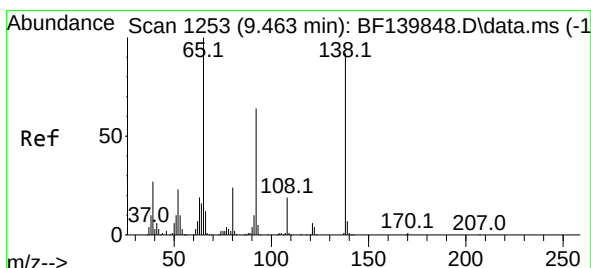
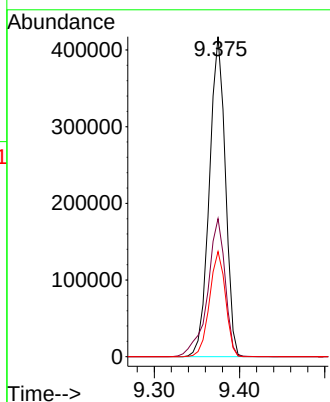
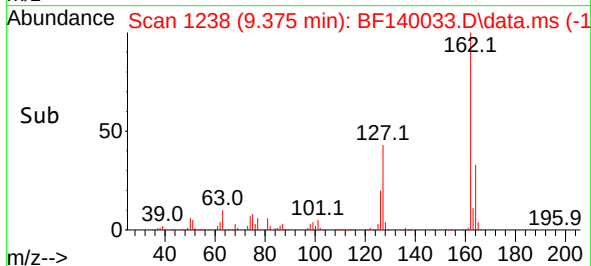
Tgt Ion:162 Resp: 544289
Ion Ratio Lower Upper
162 100
127 43.1 33.8 50.6
164 32.9 26.6 39.8

Manual Integrations

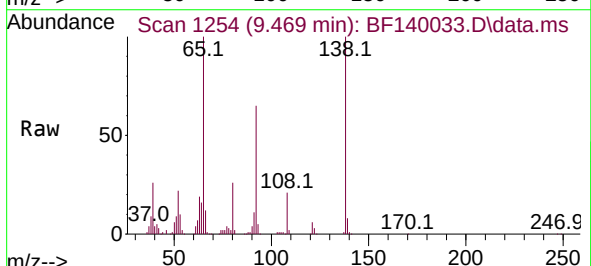
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

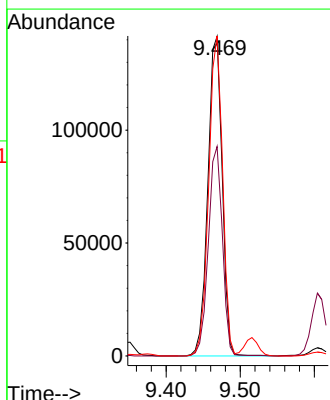
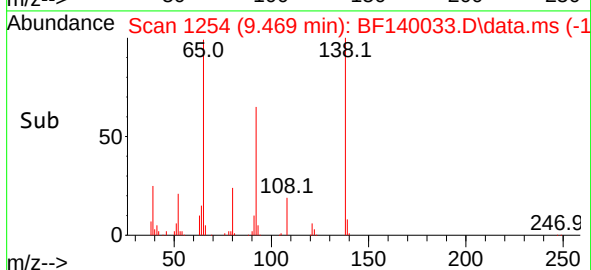
Supervised By :mohammad ahmed 10/28/2024

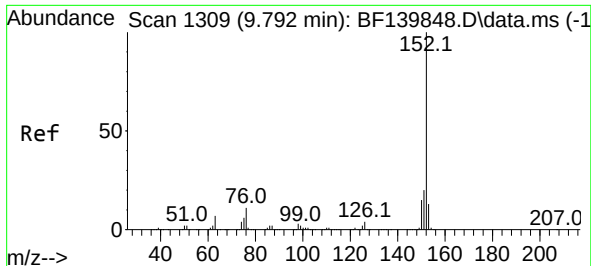


#48
2-Nitroaniline
Concen: 57.114 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion: 65 Resp: 189567
Ion Ratio Lower Upper
65 100
92 65.6 50.9 76.3
138 100.1 73.4 110.0





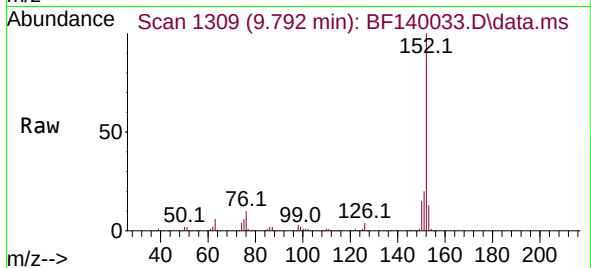
#49
Acenaphthylene
Concen: 54.489 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD



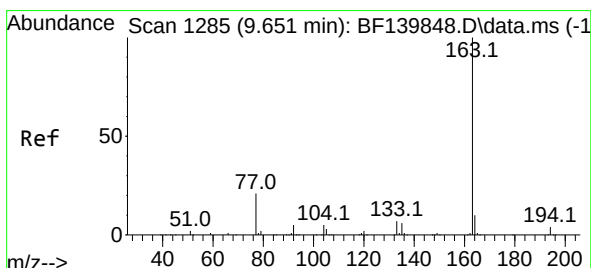
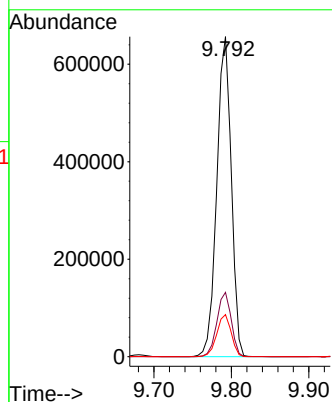
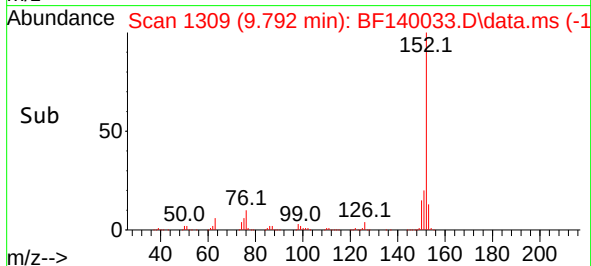
Tgt Ion:152 Resp: 85489
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.7 16.1

Manual Integrations

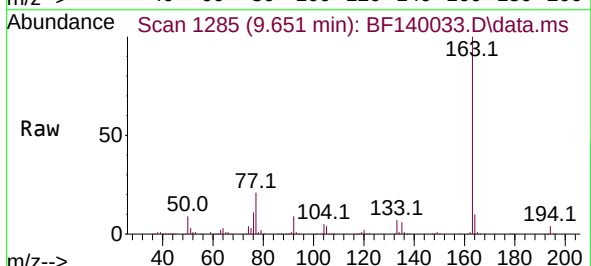
APPROVED

Reviewed By :Yogesh Patel 10/25/2024

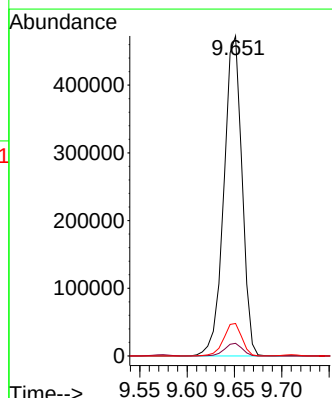
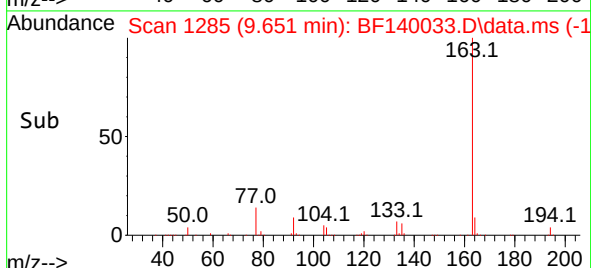
Supervised By :mohammad ahmed 10/28/2024

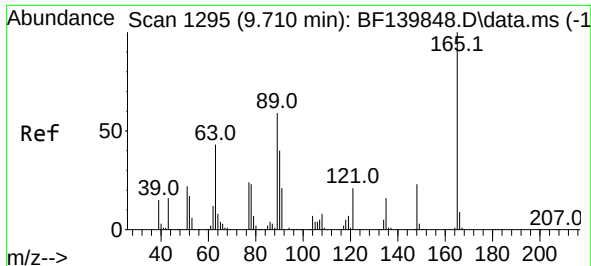


#50
Dimethylphthalate
Concen: 52.102 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



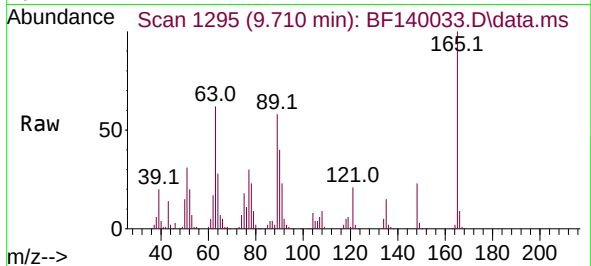
Tgt Ion:163 Resp: 628143
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.411 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

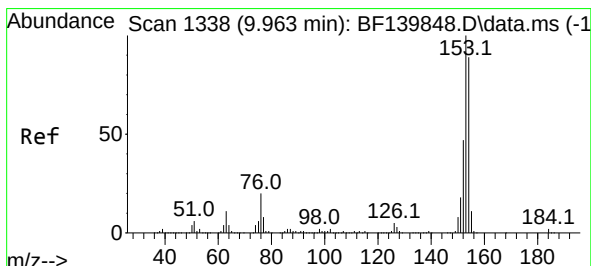
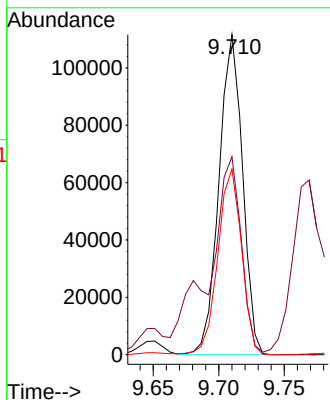
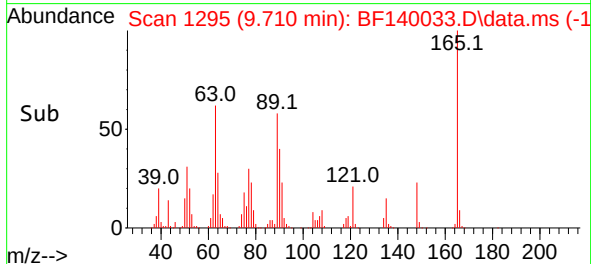
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



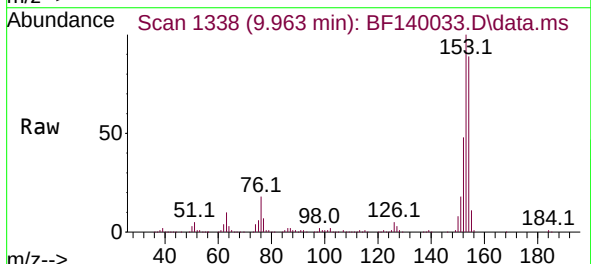
Tgt Ion:165 Resp: 13942
Ion Ratio Lower Upper
165 100
63 61.8 50.6 75.8
89 58.0 47.5 71.3

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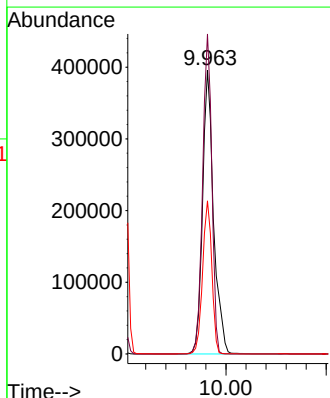
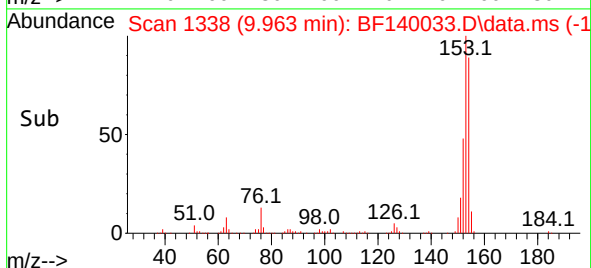
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

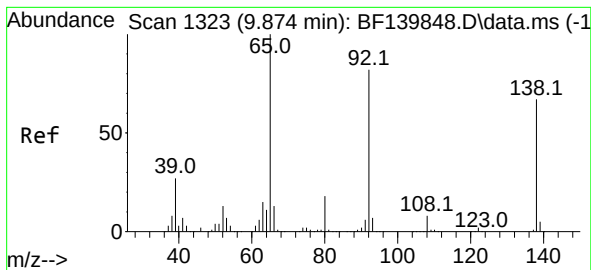


#52
Acenaphthene
Concen: 59.675 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:154 Resp: 605657
Ion Ratio Lower Upper
154 100
153 112.8 89.8 134.6
152 54.0 42.4 63.6





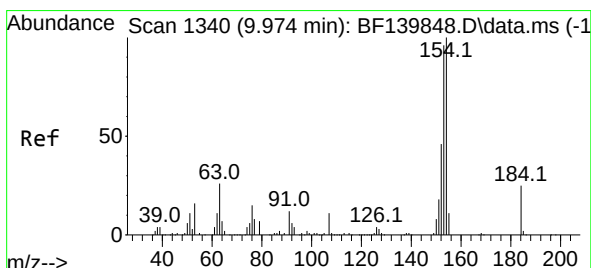
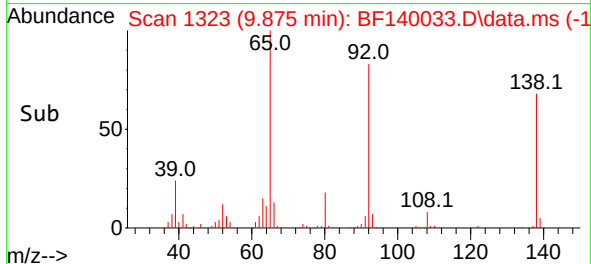
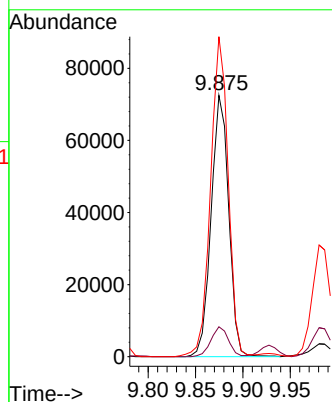
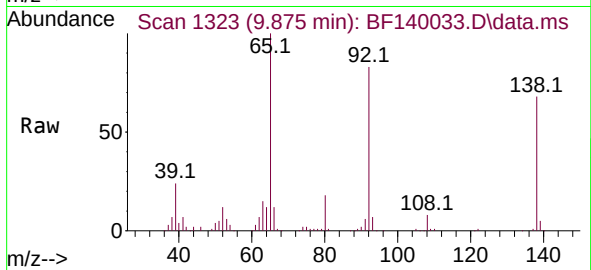
#53
3-Nitroaniline
Concen: 34.746 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :
BNA_F
ClientSampleId :
PB164211BSD

Tgt Ion:138 Resp: 9353
Ion Ratio Lower Upper
138 100
108 11.4 10.2 15.2
92 122.5 98.3 147.5

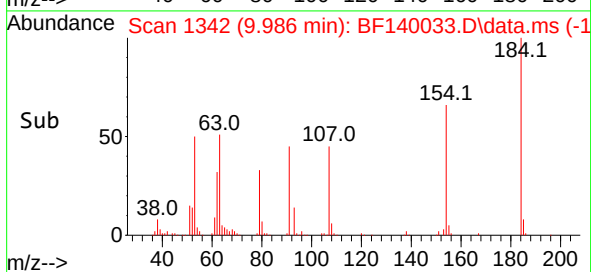
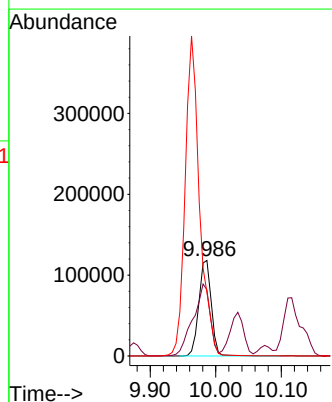
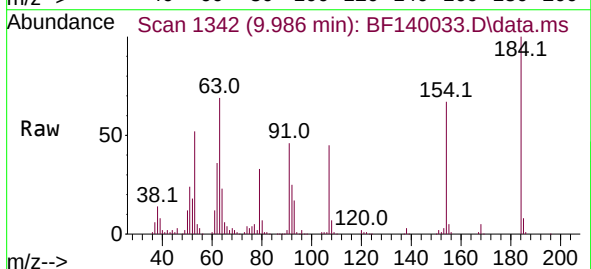
Manual Integrations
APPROVED

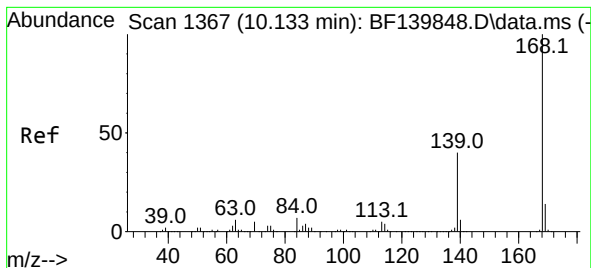
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#54
2,4-Dinitrophenol
Concen: 139.564 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Tgt Ion:184 Resp: 157105
Ion Ratio Lower Upper
184 100
63 69.2 84.7 127.1#
154 66.5 338.2 507.2#





#55

Dibenzenofuran

Concen: 52.031 ng

RT: 10.134 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

Tgt Ion:168 Resp: 757662

Ion Ratio Lower Upper

168 100

139 40.2 31.8 47.6

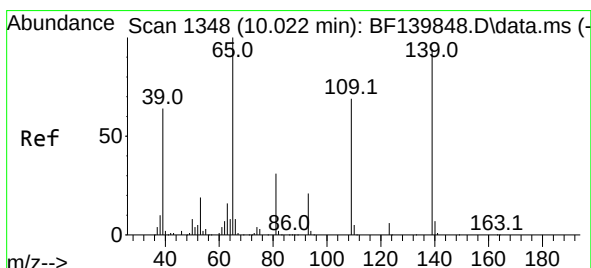
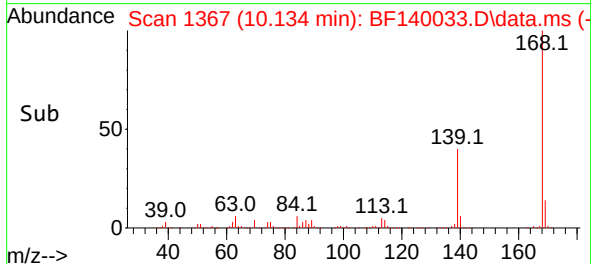
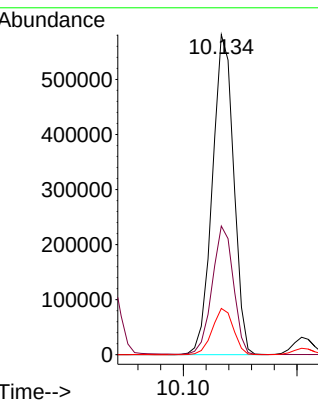
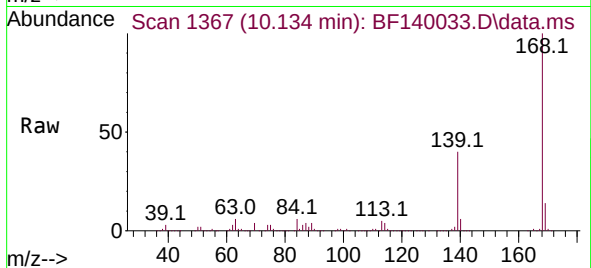
169 14.5 11.6 17.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#56

4-Nitrophenol

Concen: 114.147 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

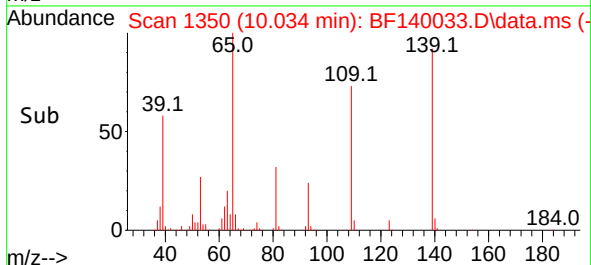
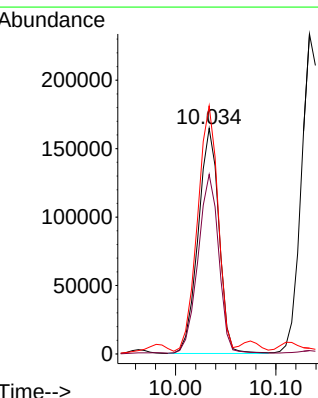
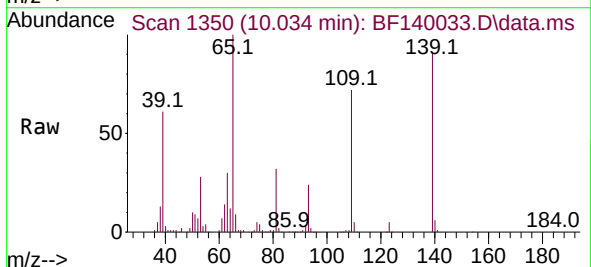
Tgt Ion:139 Resp: 236405

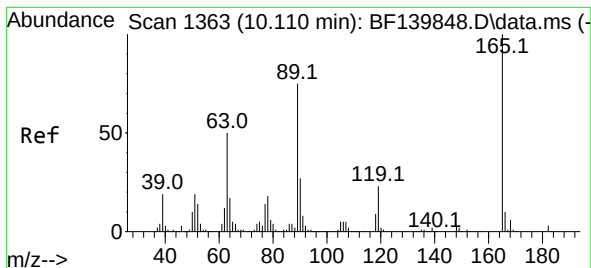
Ion Ratio Lower Upper

139 100

109 79.6 53.6 93.6

65 110.0 87.8 127.8





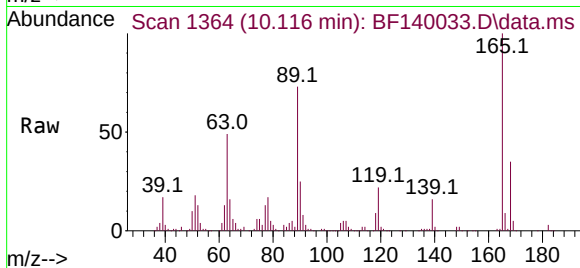
#57
2,4-Dinitrotoluene
Concen: 60.301 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

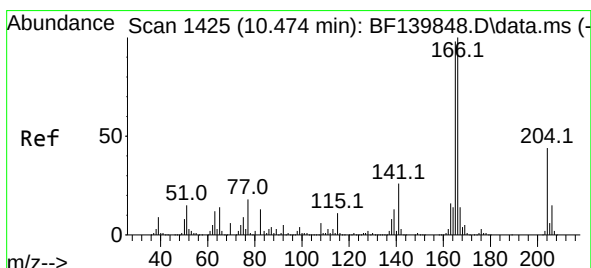
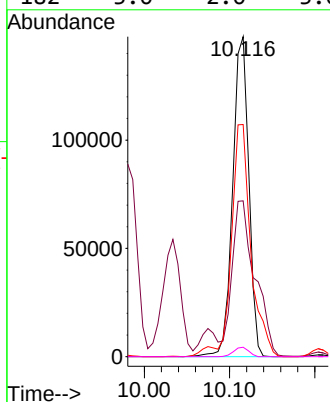
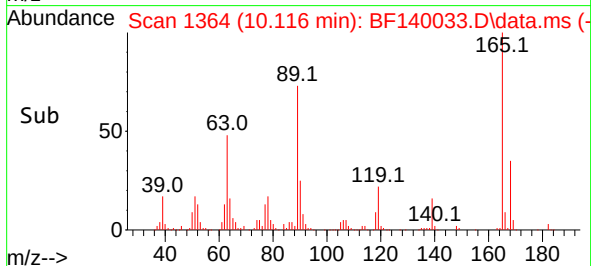


Tgt Ion:165 Resp: 193572
Ion Ratio Lower Upper
165 100
63 48.7 40.1 60.1
89 72.6 60.4 90.6
182 3.0 2.0 3.0

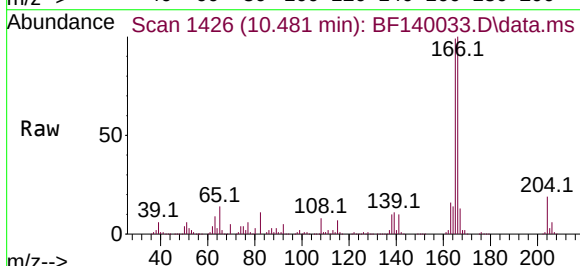
Manual Integrations

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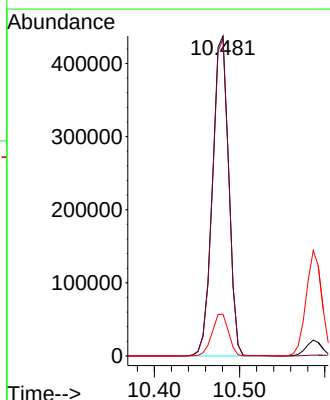
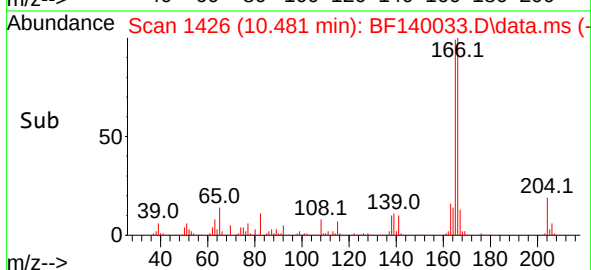
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

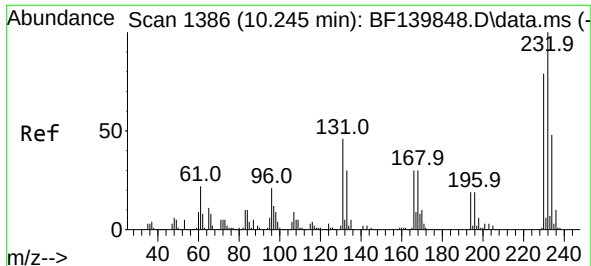


#58
Fluorene
Concen: 52.200 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



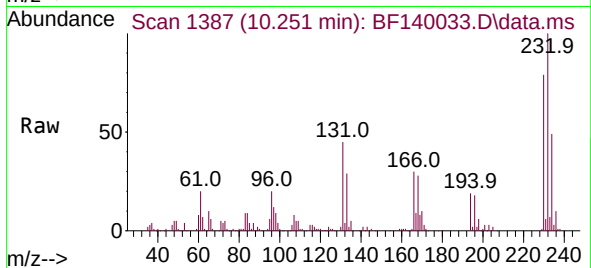
Tgt Ion:166 Resp: 578953
Ion Ratio Lower Upper
166 100
165 99.1 78.5 117.7
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.554 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

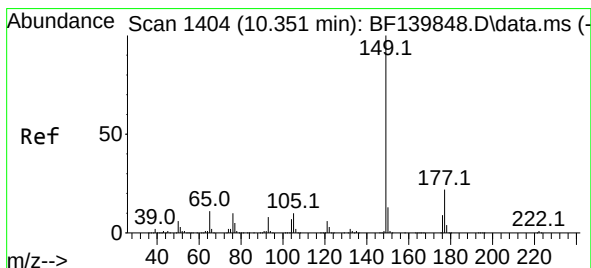
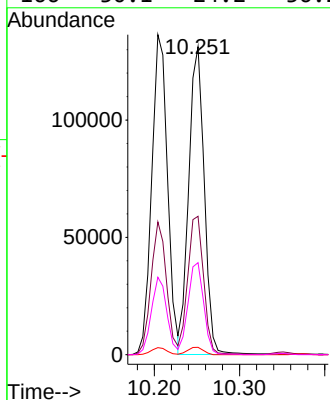
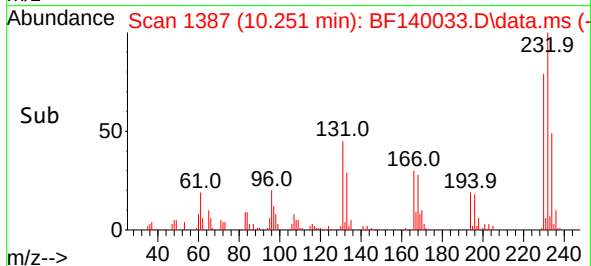
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



Tgt Ion:232 Resp: 166114
Ion Ratio Lower Upper
232 100
131 46.1 37.0 55.6
130 2.4 1.9 2.9
166 30.1 24.2 36.2

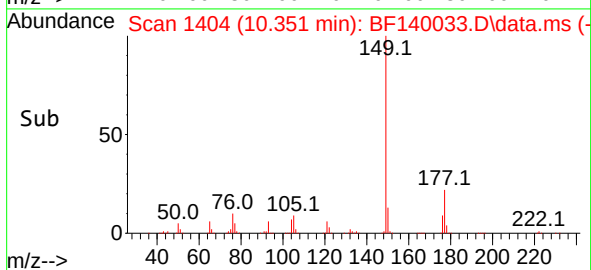
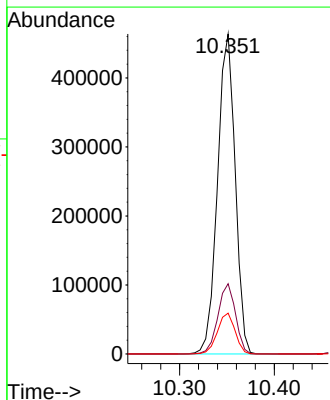
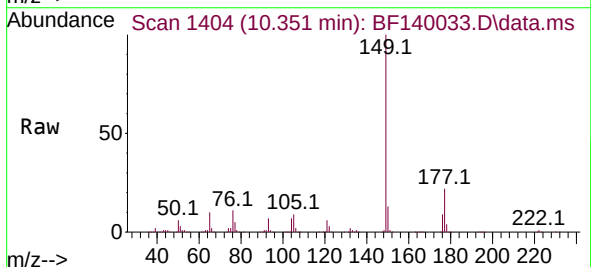
Manual Integrations
APPROVED

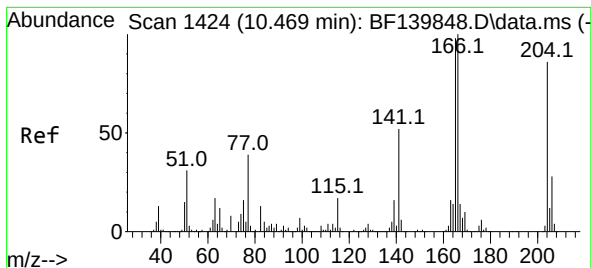
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#60
Diethylphthalate
Concen: 50.795 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

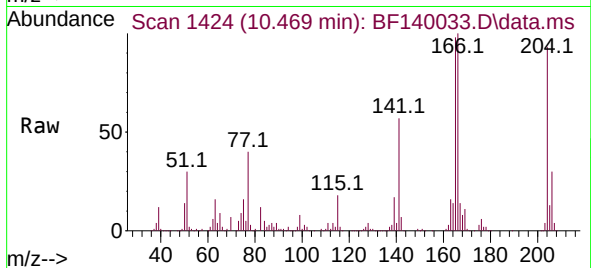
Tgt Ion:149 Resp: 601279
Ion Ratio Lower Upper
149 100
177 21.9 17.9 26.9
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 51.737 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

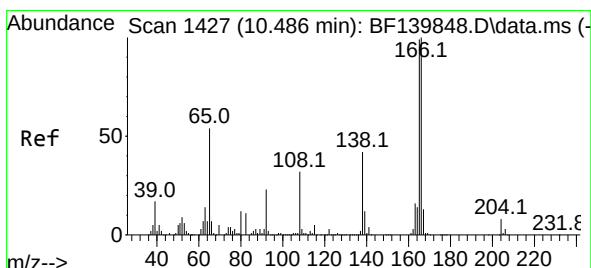
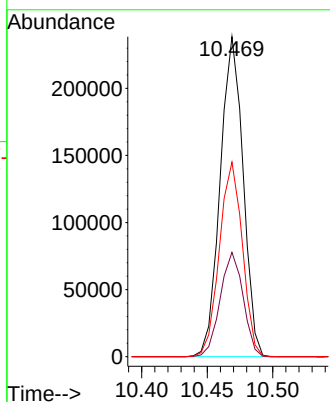
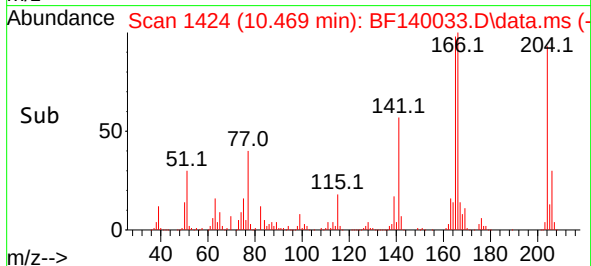
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



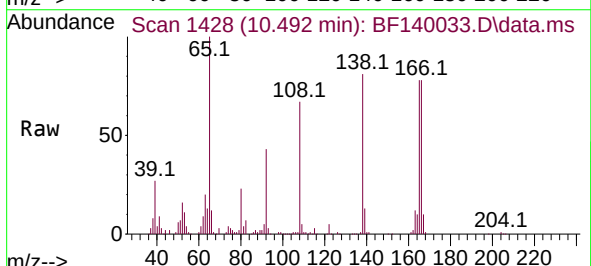
Tgt Ion:204 Resp: 28978
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.8 48.6 73.0

Manual Integrations
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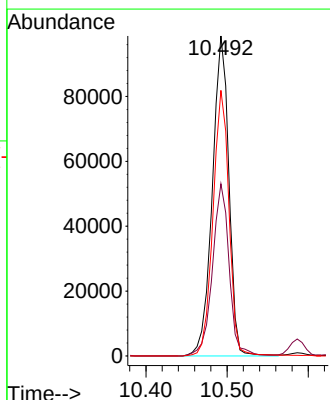
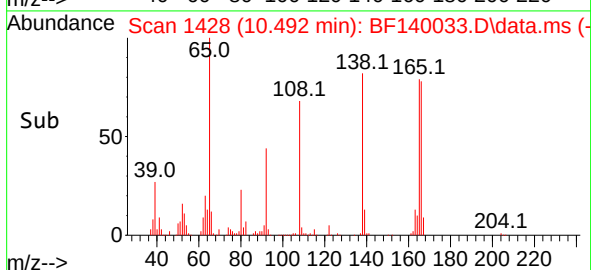
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

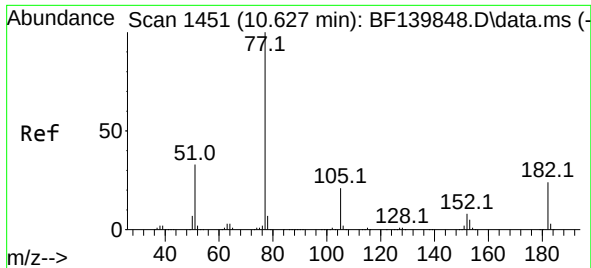


#62
4-Nitroaniline
Concen: 55.007 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



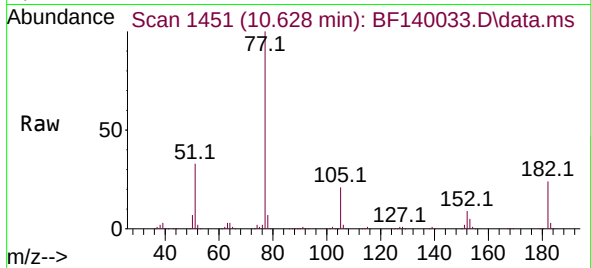
Tgt Ion:138 Resp: 139851
Ion Ratio Lower Upper
138 100
92 53.8 35.7 75.7
108 83.0 57.5 97.5





#63
Azobenzene
Concen: 49.274 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

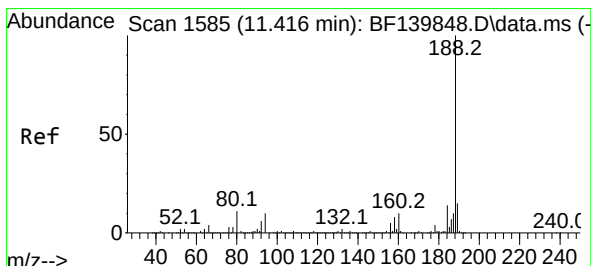
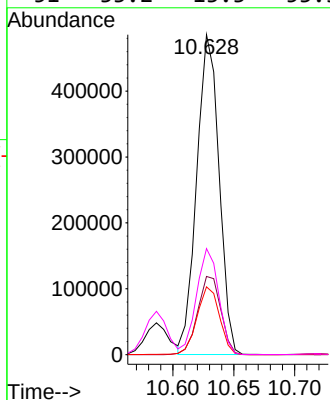
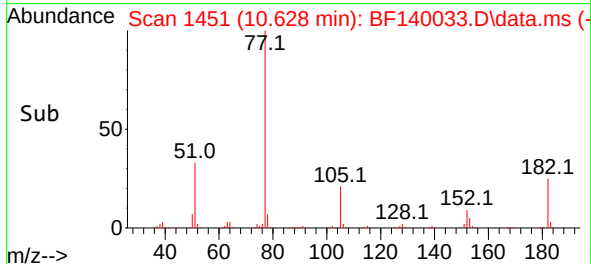
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



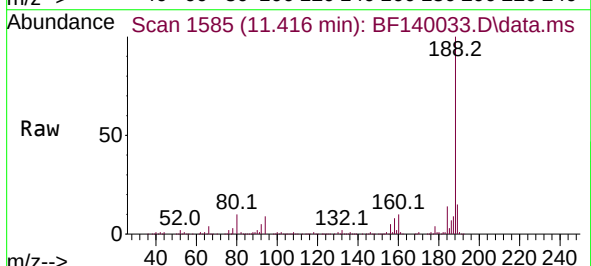
Tgt Ion: 77 Resp: 61836
Ion Ratio Lower Upper
77 100
182 24.5 3.3 43.3
105 21.2 1.2 41.2
51 33.2 13.3 53.3

Manual Integrations
APPROVED

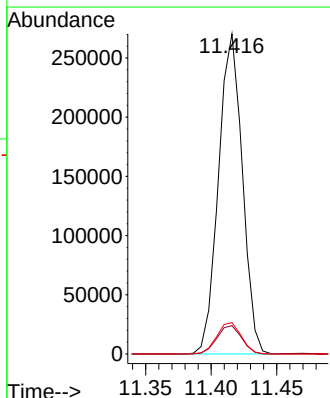
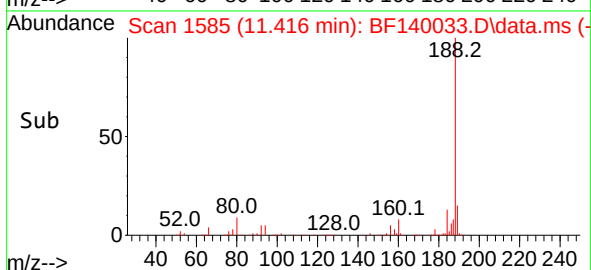
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

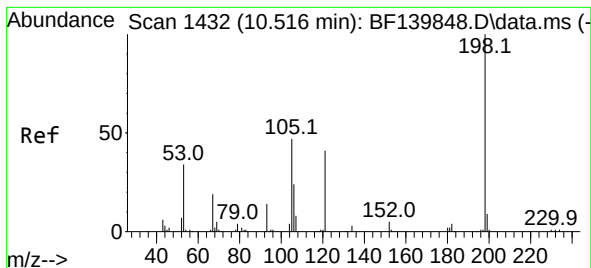


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:188 Resp: 342208
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.8 9.0 13.4





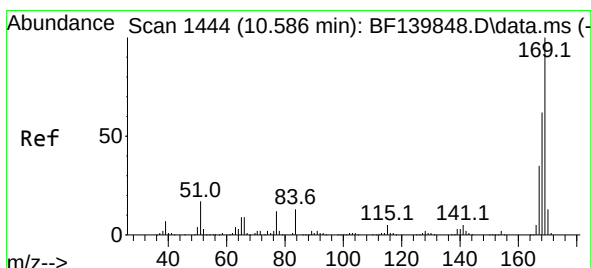
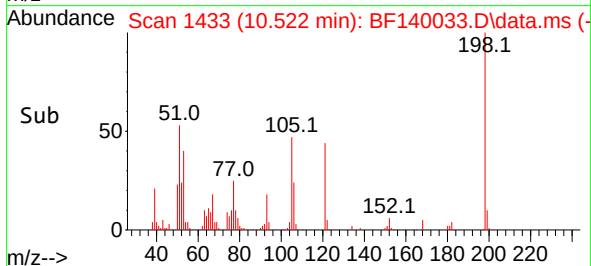
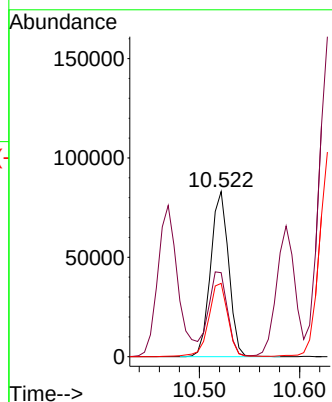
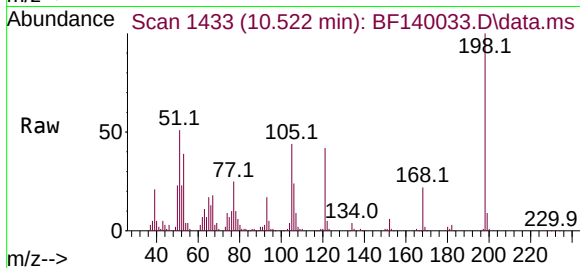
#65
4,6-Dinitro-2-methylphenol
Concen: 74.554 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

Instrument :
BNA_F
ClientSampleId :
PB164211BSD

Tgt Ion:198 Resp: 104061
Ion Ratio Lower Upper
198 100
51 50.9 38.2 78.2
105 44.4 27.9 67.9

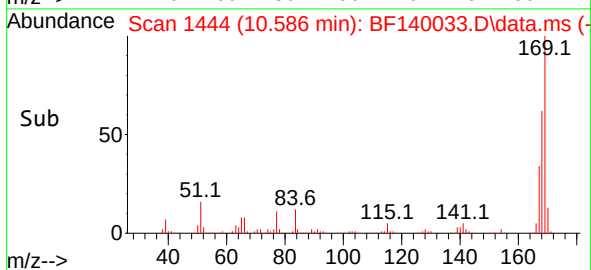
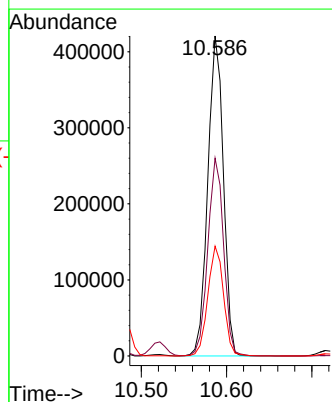
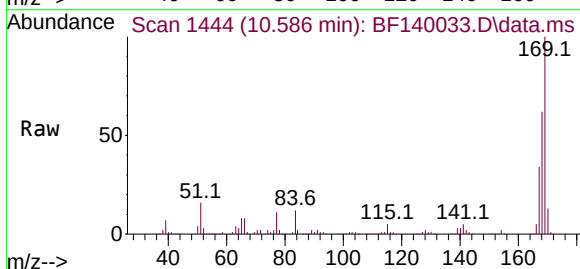
Manual Integrations
APPROVED

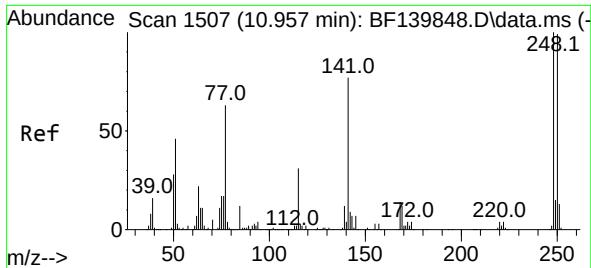
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#66
n-Nitrosodiphenylamine
Concen: 52.236 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

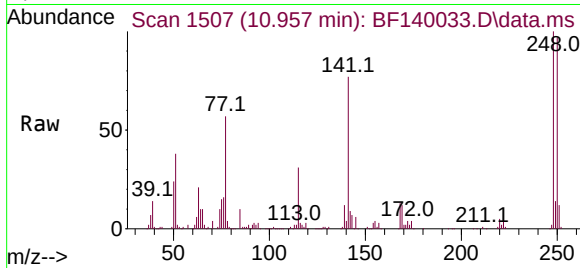
Tgt Ion:169 Resp: 535013
Ion Ratio Lower Upper
169 100
168 61.8 49.8 74.6
167 34.3 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 52.715 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

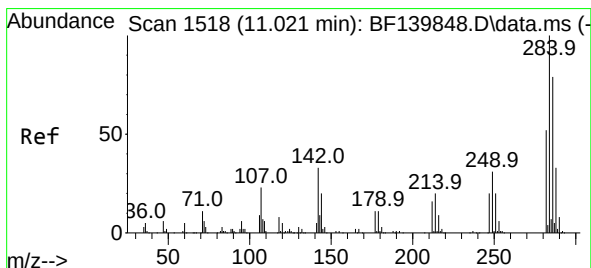
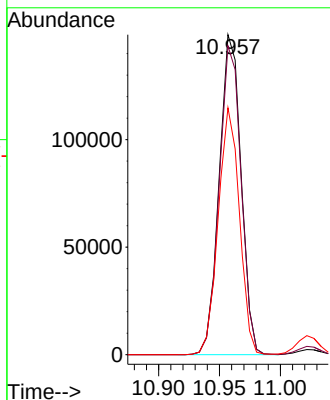
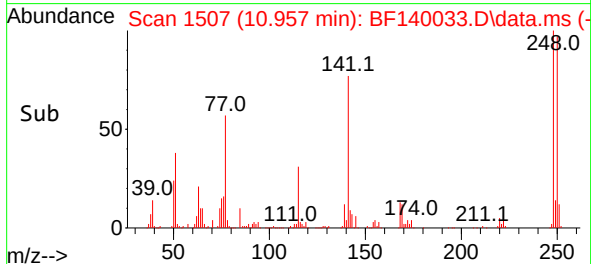
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



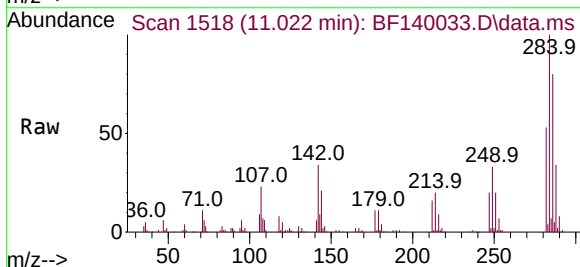
Tgt Ion:248 Resp: 18584
Ion Ratio Lower Upper
248 100
250 96.5 79.0 118.6
141 77.2 61.7 92.5

Manual Integrations
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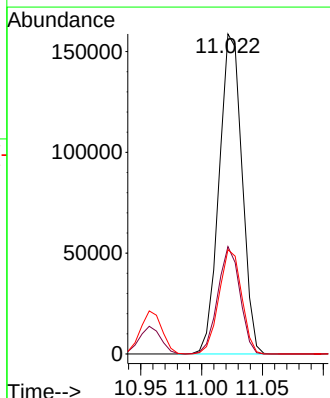
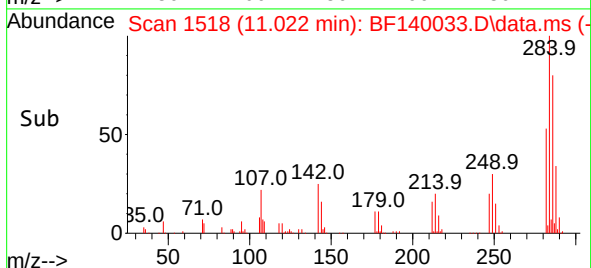
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

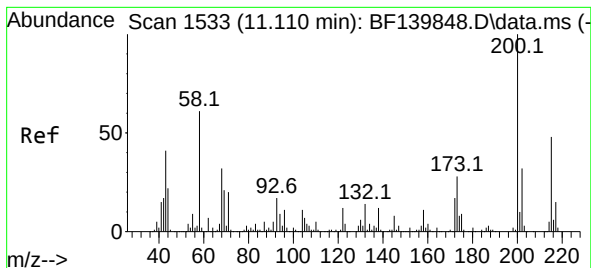


#68
Hexachlorobenzene
Concen: 52.411 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:284 Resp: 207805
Ion Ratio Lower Upper
284 100
142 33.5 26.9 40.3
249 32.6 25.3 37.9





#69

Atrazine

Concen: 62.517 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

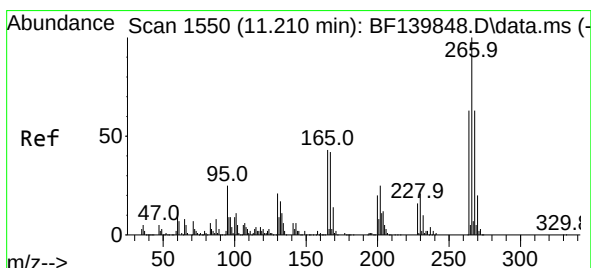
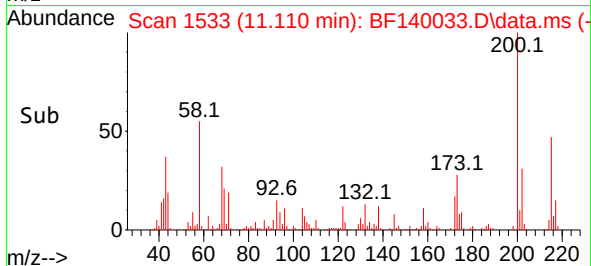
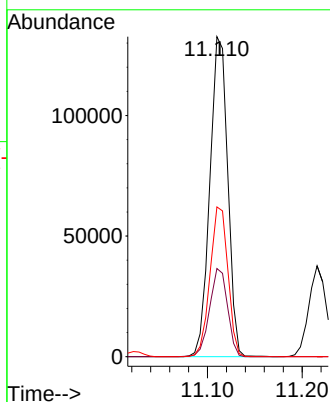
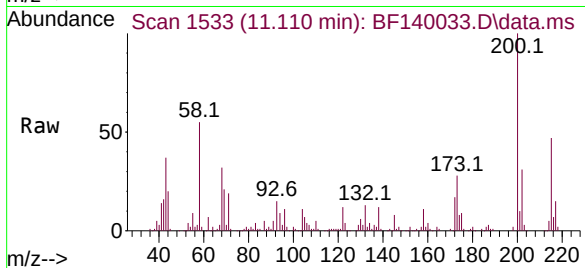
Tgt Ion:200 Resp: 173450
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.7 47.7
 215 46.8 27.7 67.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#70

Pentachlorophenol

Concen: 108.721 ng

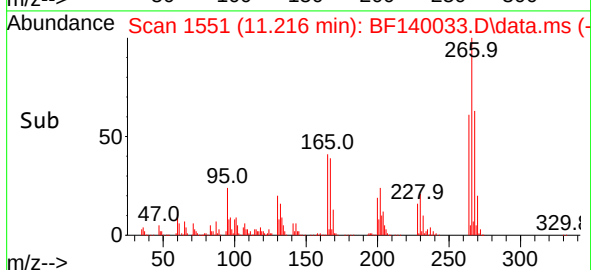
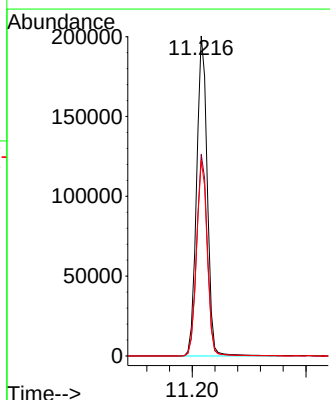
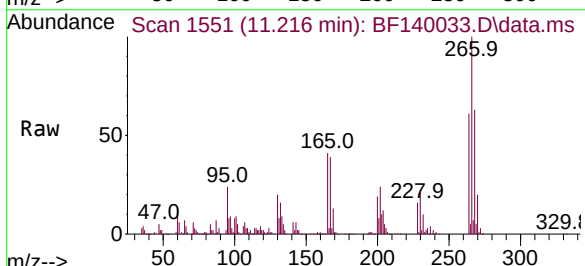
RT: 11.216 min Scan# 1551

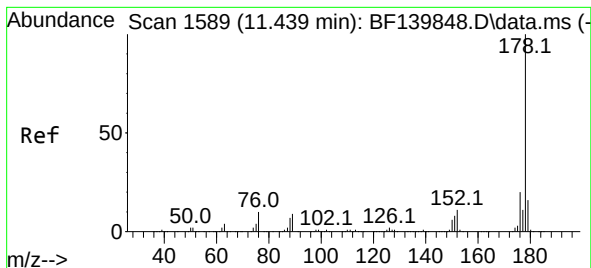
Delta R.T. 0.006 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Tgt Ion:266 Resp: 261617
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.4 75.6
 264 61.1 50.6 75.8





#71

Phenanthrene

Concen: 53.395 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

Tgt Ion:178 Resp: 863098

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

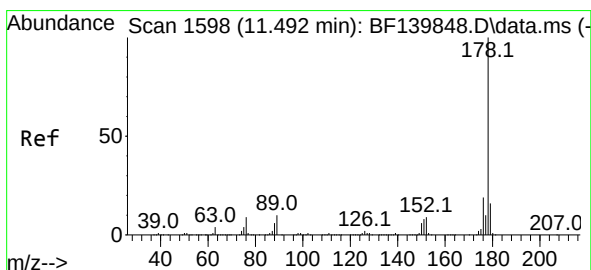
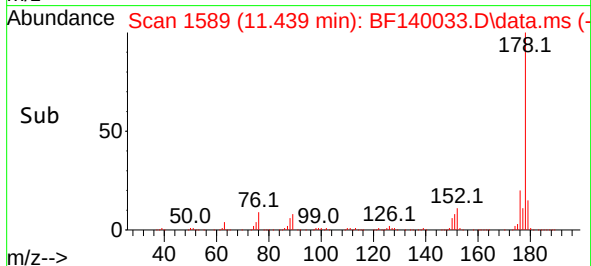
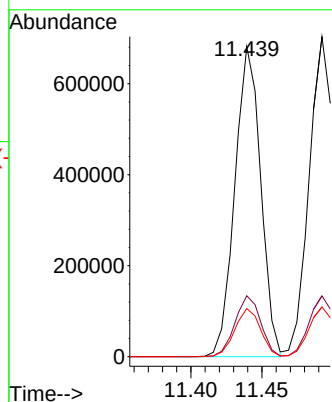
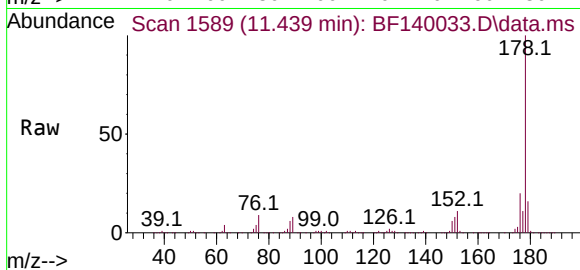
179 15.5 12.6 18.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#72

Anthracene

Concen: 55.495 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

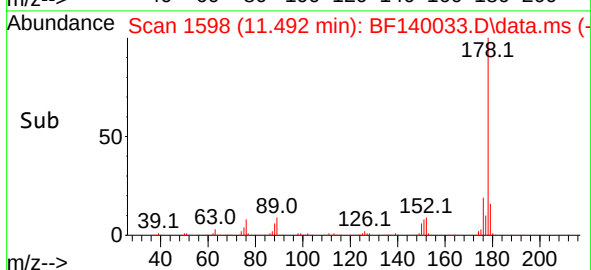
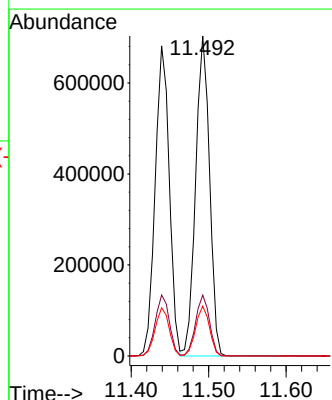
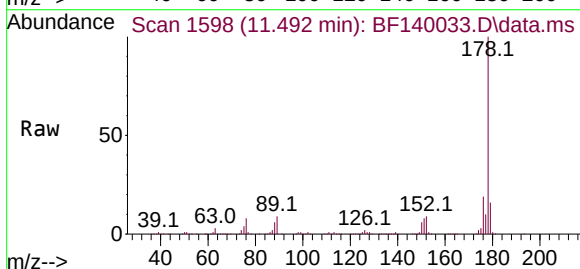
Tgt Ion:178 Resp: 875234

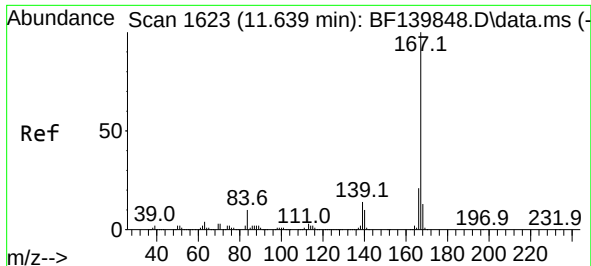
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

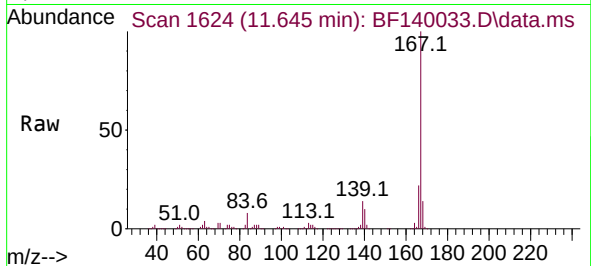
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 52.404 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF140033.D
 Acq: 25 Oct 2024 13:05

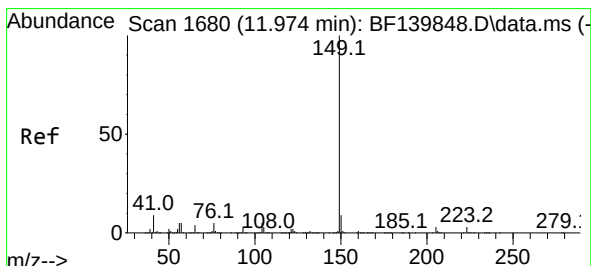
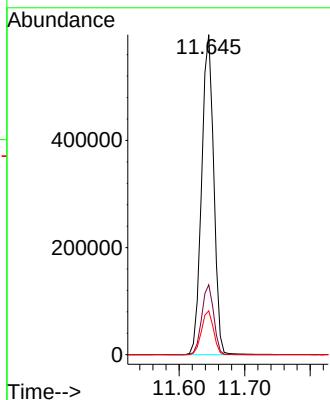
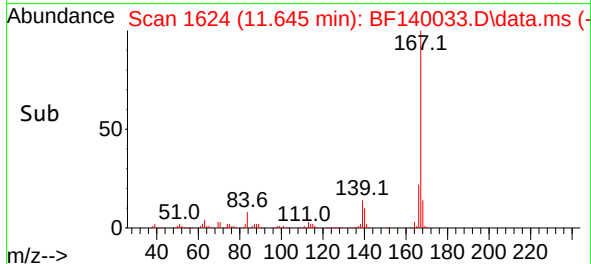
Instrument :
 BNA_F
 ClientSampleId :
 PB164211BSD



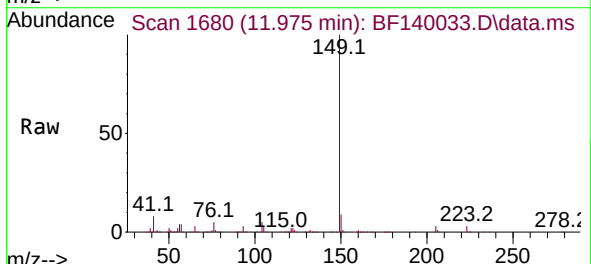
Tgt Ion:167 Resp: 768644
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 13.7 10.8 16.2

Manual Integrations
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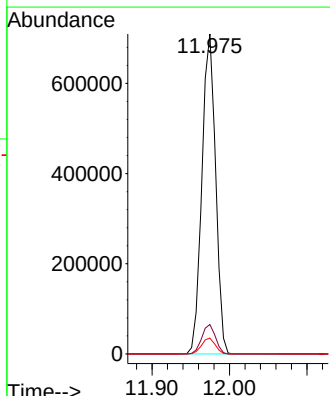
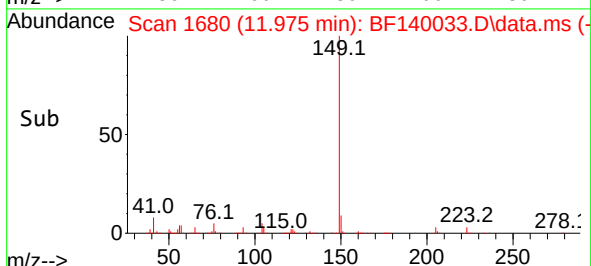
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

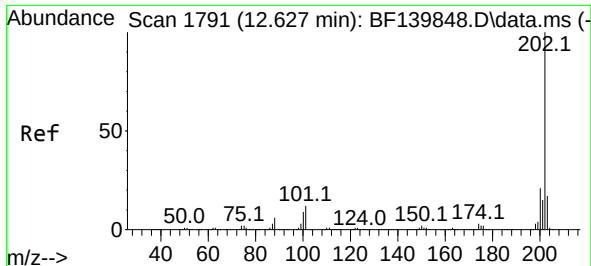


#74
 Di-n-butylphthalate
 Concen: 51.346 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF140033.D
 Acq: 25 Oct 2024 13:05



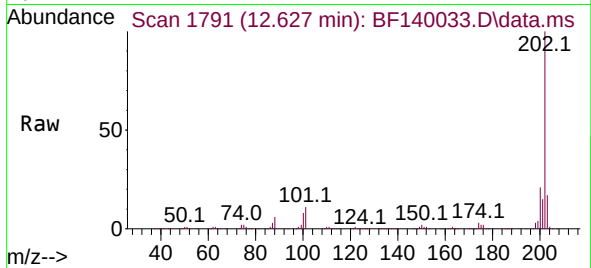
Tgt Ion:149 Resp: 870114
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 53.776 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

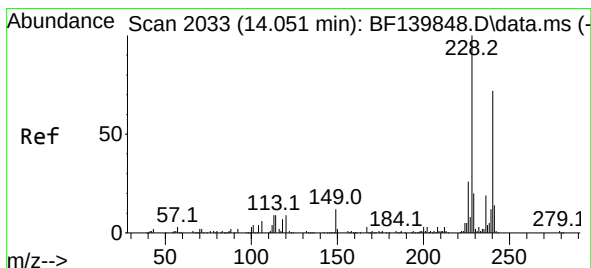
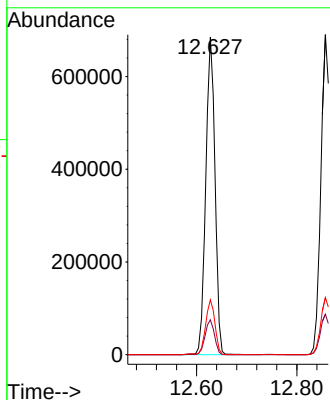
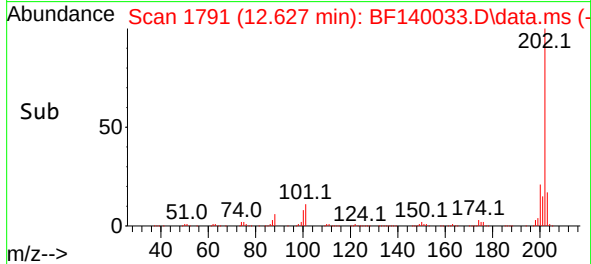
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



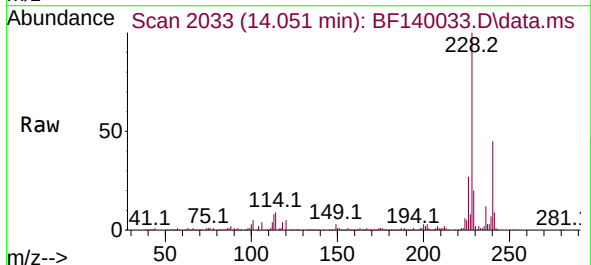
Tgt Ion:202 Resp: 878759
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.9
203 17.3 0.0 37.5

Manual Integrations
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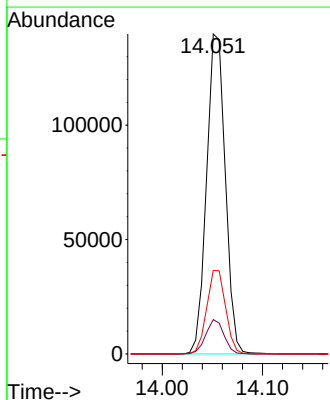
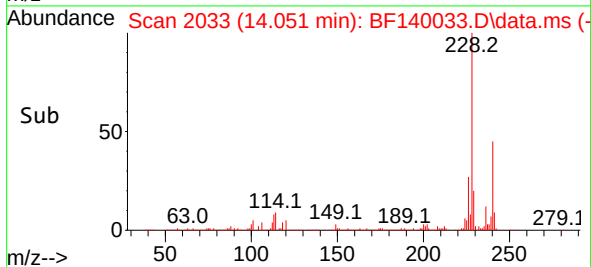
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

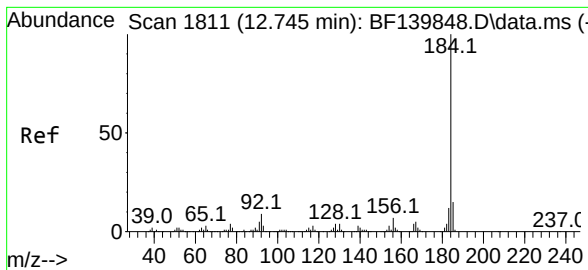


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



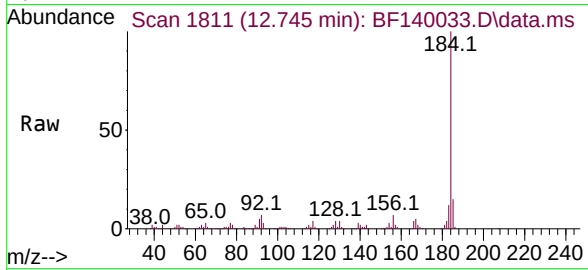
Tgt Ion:240 Resp: 182421
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.1 20.9 31.3





#77
Benzidine
Concen: 51.774 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

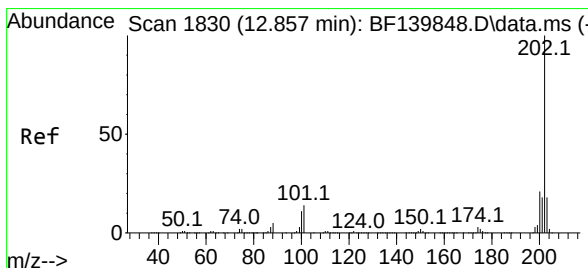
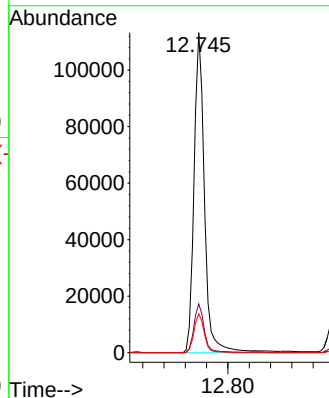
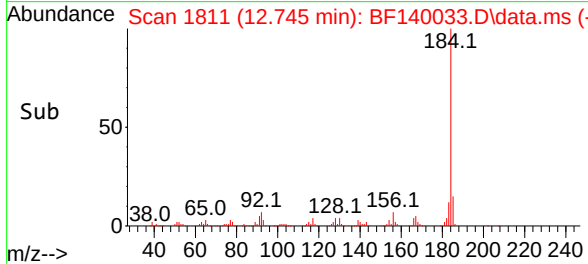
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



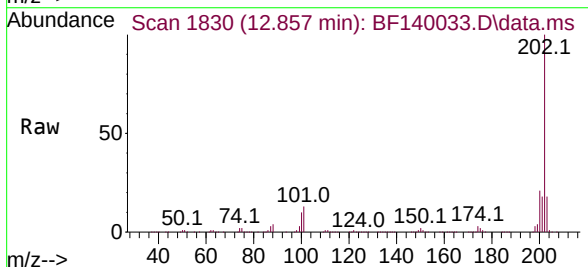
Tgt Ion:184 Resp: 155302
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 12.1 9.4 14.2

Manual Integrations
APPROVED

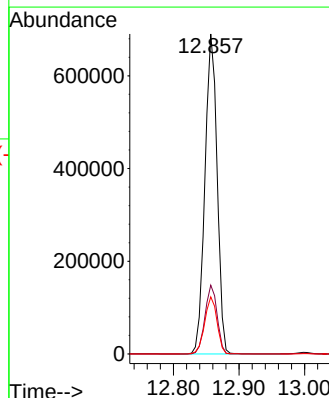
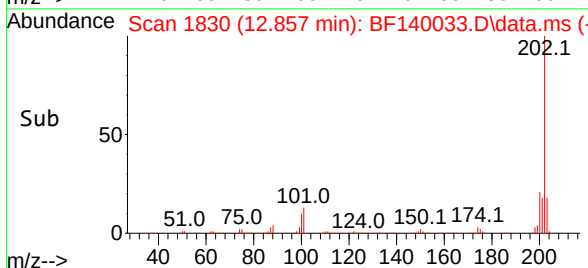
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

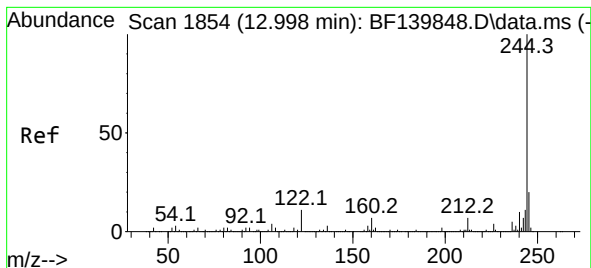


#78
Pyrene
Concen: 56.076 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:202 Resp: 895412
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 113.929 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

Tgt Ion:244 Resp: 127544

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

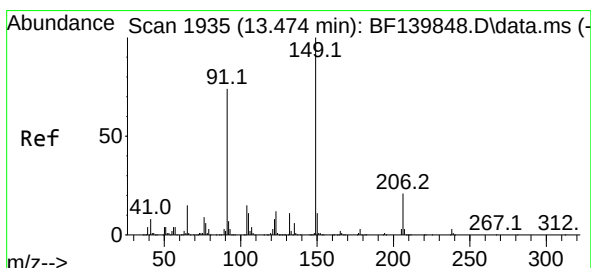
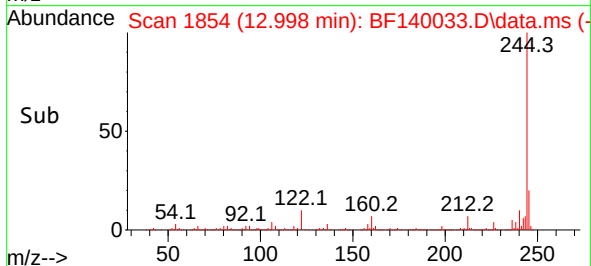
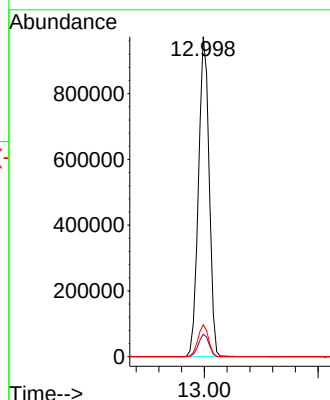
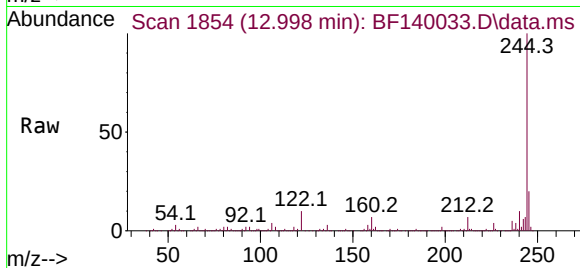
122 10.0 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#80

Butylbenzylphthalate

Concen: 59.784 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

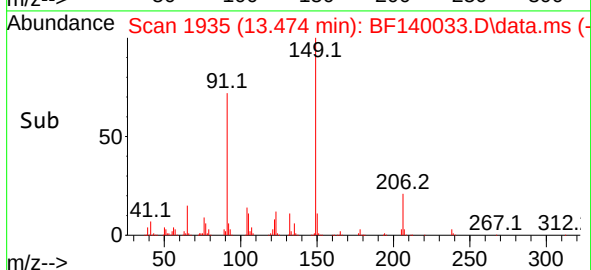
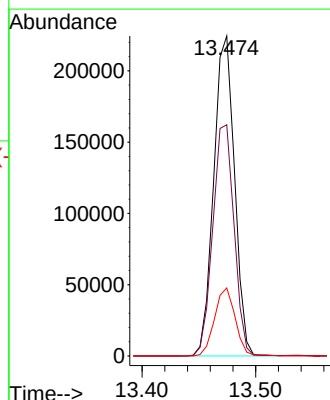
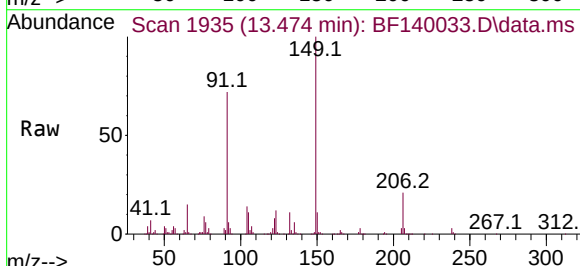
Tgt Ion:149 Resp: 286198

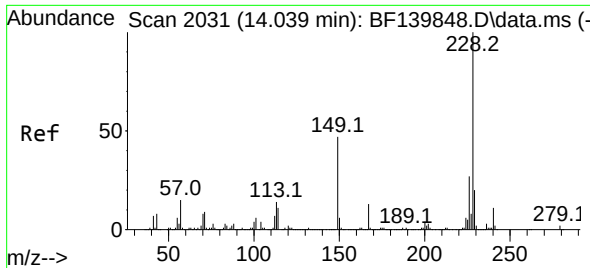
Ion Ratio Lower Upper

149 100

91 72.2 59.4 89.2

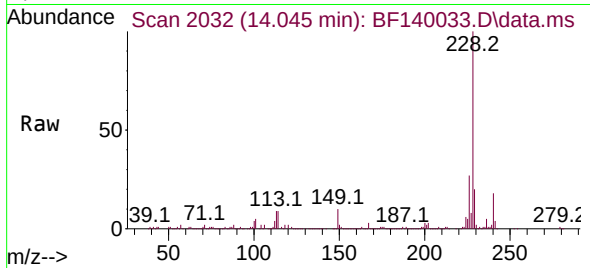
206 21.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 55.707 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

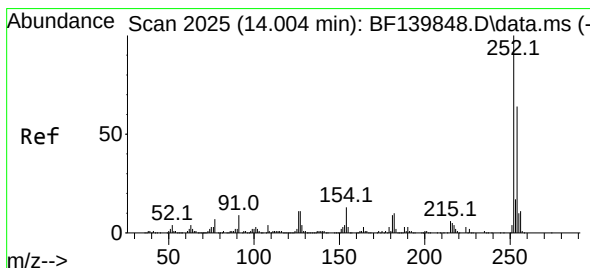
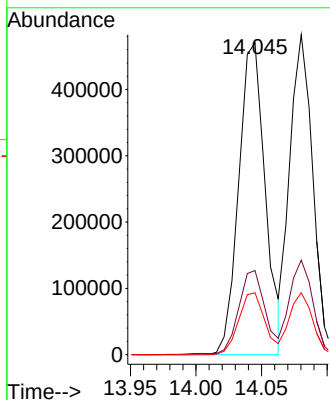
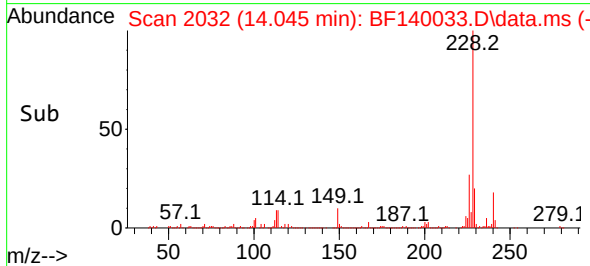
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



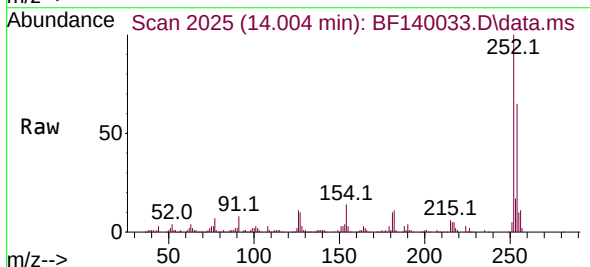
Tgt Ion:228 Resp: 66152
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.8 16.1 24.1

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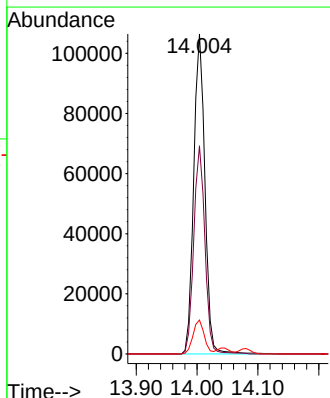
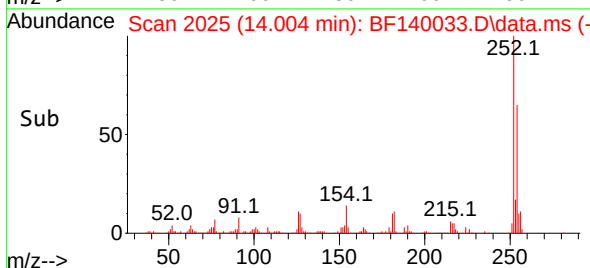
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

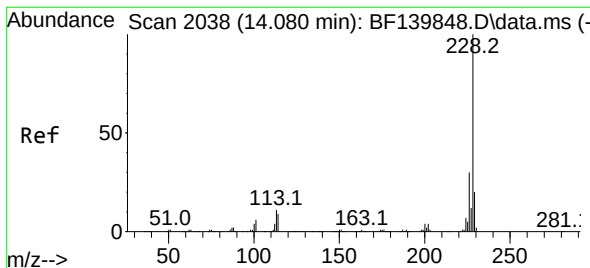


#82
3,3'-Dichlorobenzidine
Concen: 39.283 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:252 Resp: 136010
Ion Ratio Lower Upper
252 100
254 65.0 50.8 76.2
126 10.6 8.9 13.3





#83

Chrysene

Concen: 54.040 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

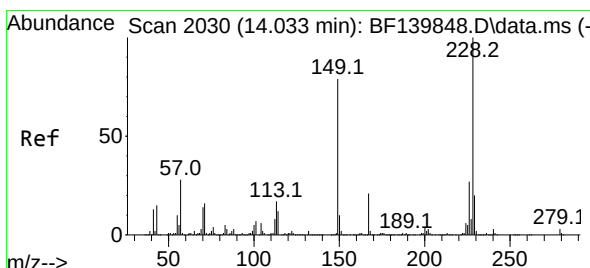
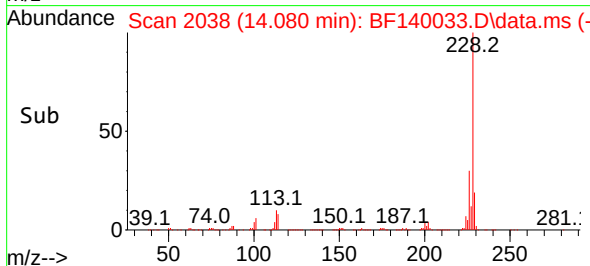
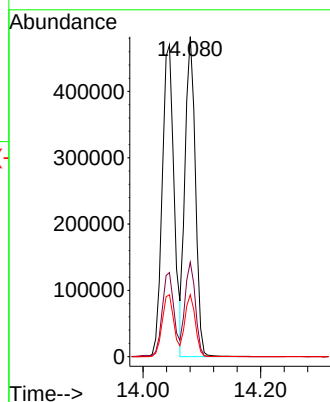
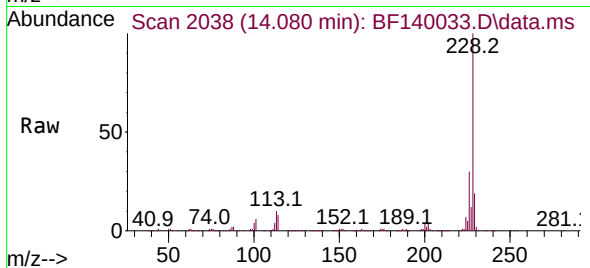
Tgt Ion:	228	Resp:	588384
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.1	36.1
229	19.3	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.877 ng

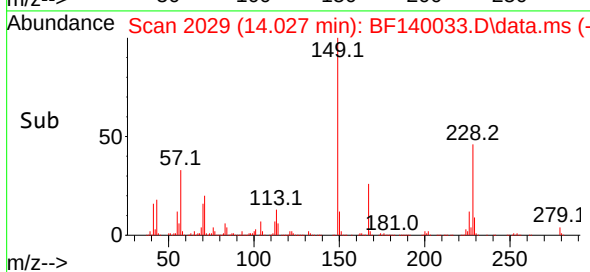
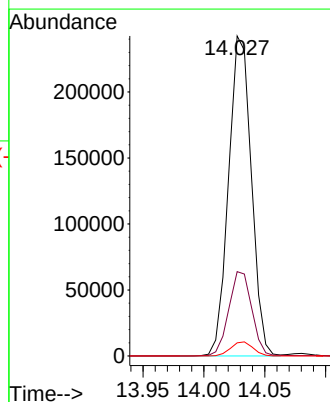
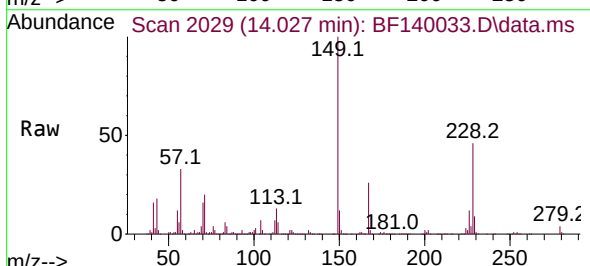
RT: 14.027 min Scan# 2029

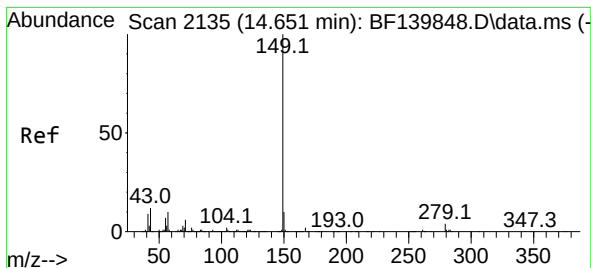
Delta R.T. -0.006 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Tgt Ion:	149	Resp:	316231
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.4	32.0
279	4.1	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 46.669 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

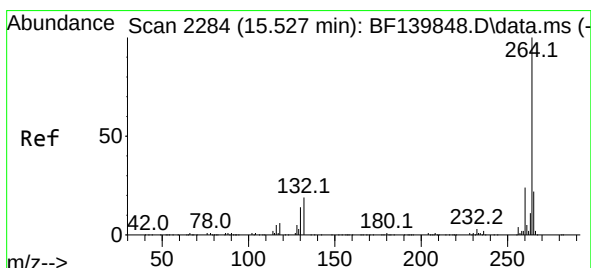
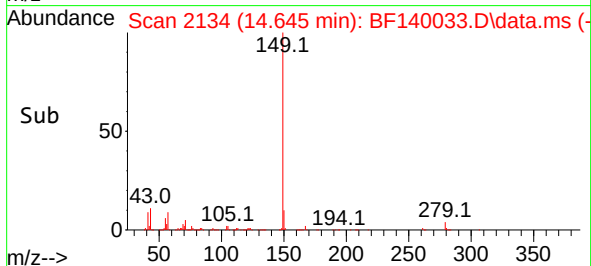
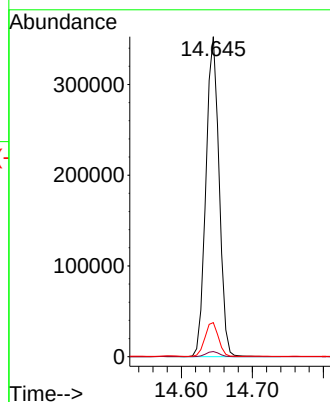
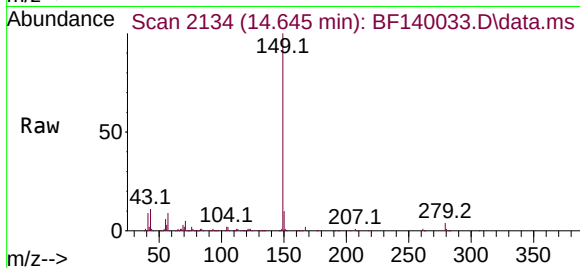
Tgt Ion:149 Resp: 455924
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.7 9.8 14.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#86

Perylene-d12

Concen: 20.000 ng

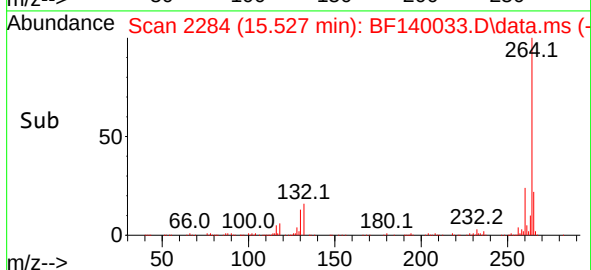
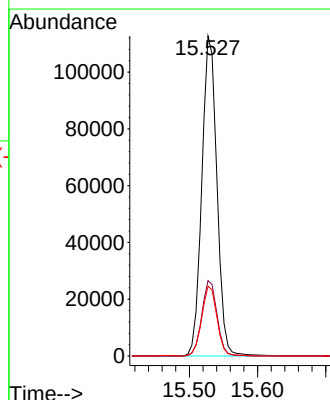
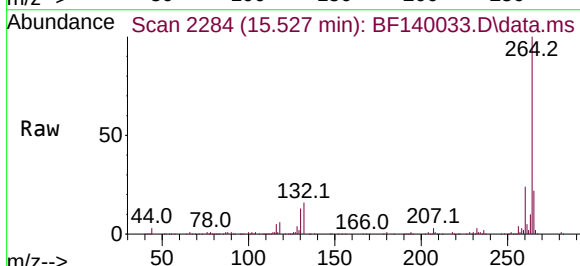
RT: 15.527 min Scan# 2284

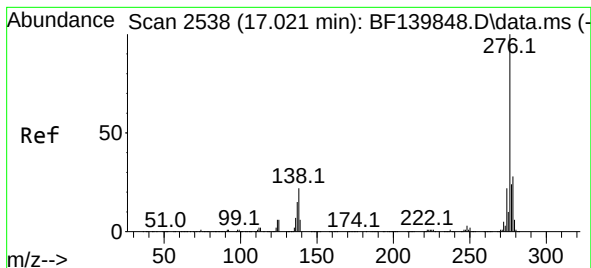
Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Tgt Ion:264 Resp: 173566
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.462 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

Tgt Ion:276 Resp: 652789

Ion Ratio Lower Upper

276 100

138 22.3 20.4 30.6

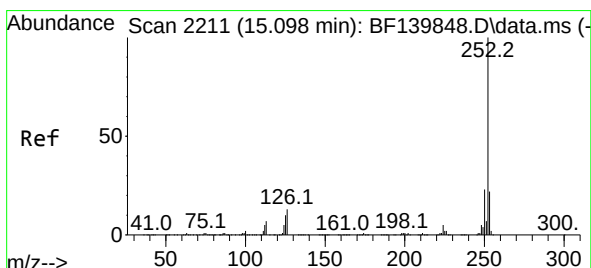
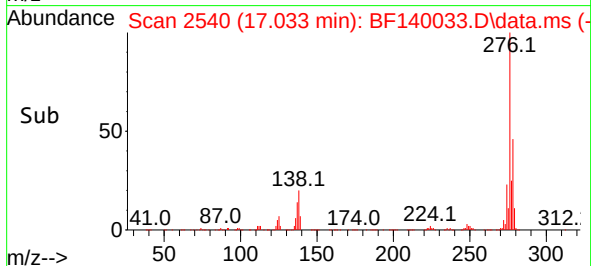
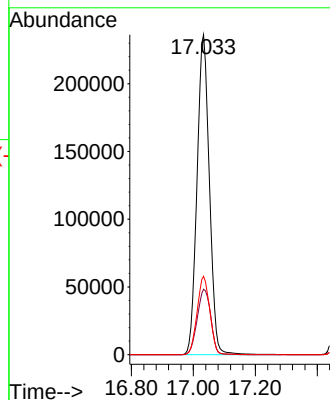
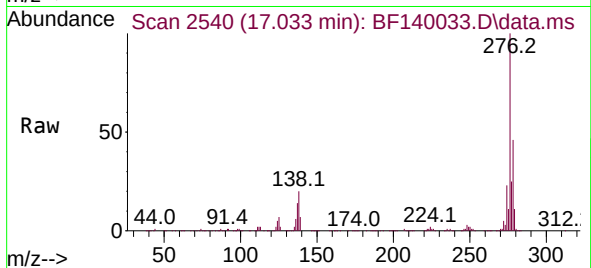
277 25.2 20.2 30.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#88

Benzo(b)fluoranthene

Concen: 50.183 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

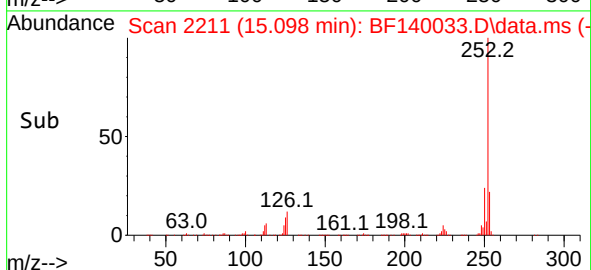
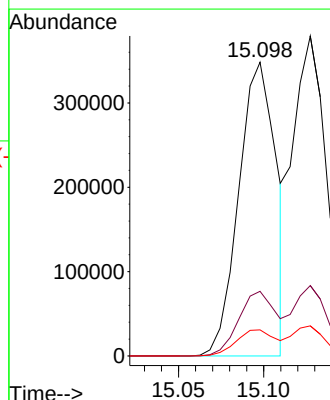
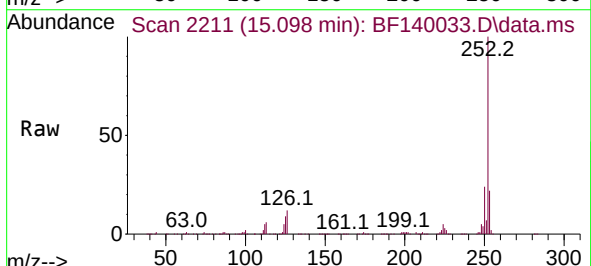
Tgt Ion:252 Resp: 530580

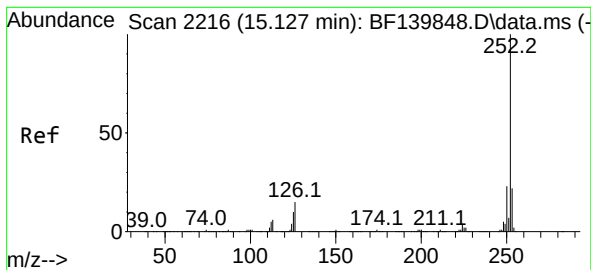
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 57.601 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

Instrument :

BNA_F

ClientSampleId :

PB164211BSD

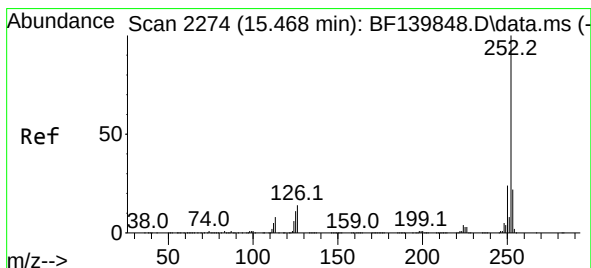
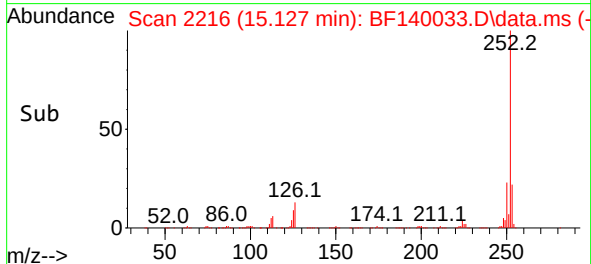
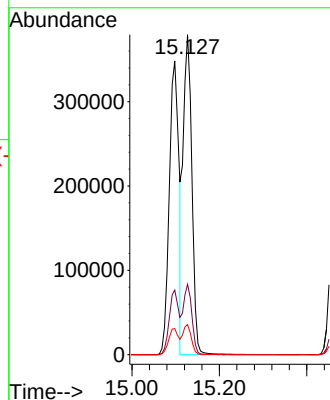
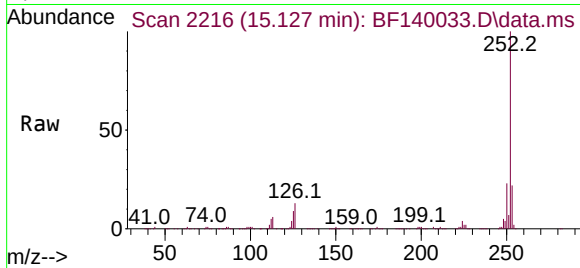
Tgt Ion:252 Resp: 52521
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 9.4 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#90

Benzo(a)pyrene

Concen: 59.130 ng

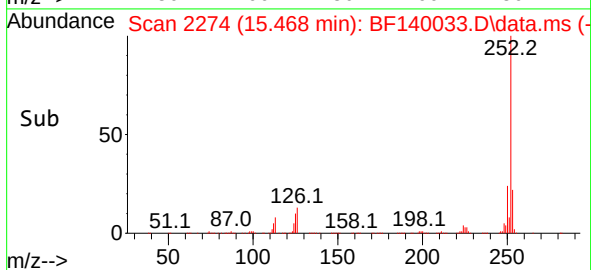
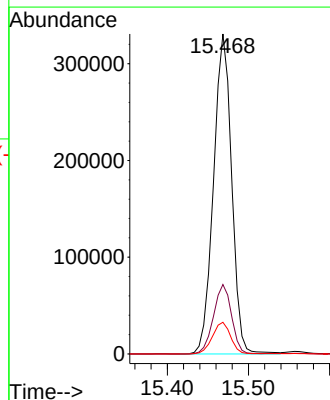
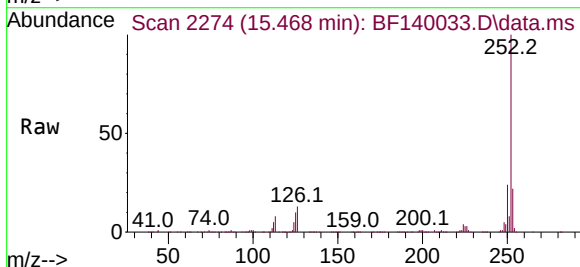
RT: 15.468 min Scan# 2274

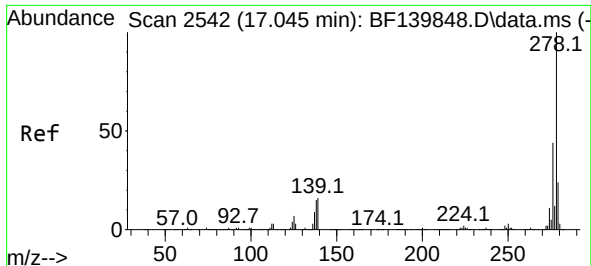
Delta R.T. 0.000 min

Lab File: BF140033.D

Acq: 25 Oct 2024 13:05

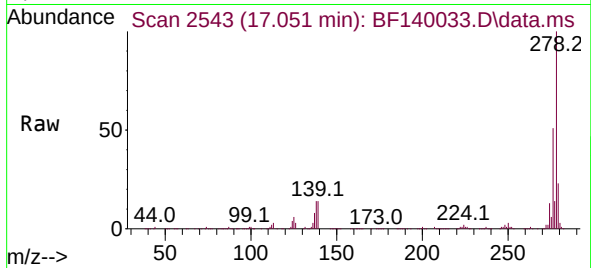
Tgt Ion:252 Resp: 514414
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 9.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 57.611 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05

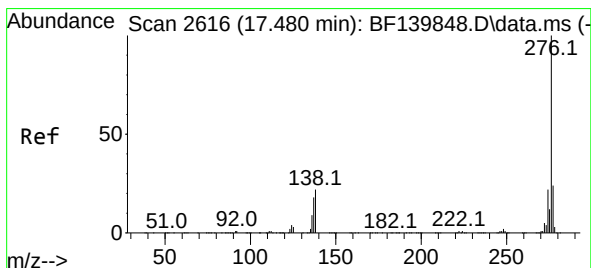
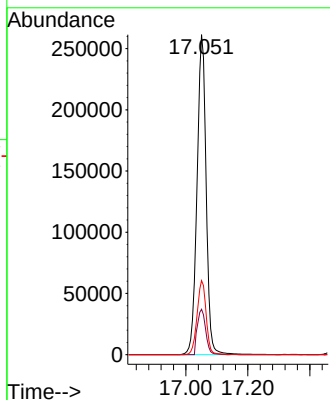
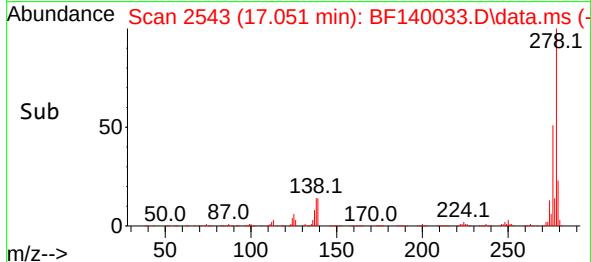
Instrument :
BNA_F
ClientSampleId :
PB164211BSD



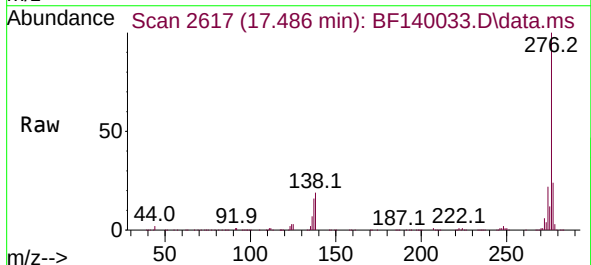
Tgt Ion:278 Resp: 536640
Ion Ratio Lower Upper
278 100
139 14.2 13.1 19.7
279 23.2 19.0 28.4

Manual Integrations
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Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#92
Benzo(g,h,i)perylene
Concen: 53.784 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140033.D
Acq: 25 Oct 2024 13:05



Tgt Ion:276 Resp: 500426
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 19.1 17.4 26.0

