

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140531.D
 Acq On : 21 Nov 2024 12:32
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 21 15:11:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:50:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	99570	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364692	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	198805	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	382041	20.000	ng	0.00
76) Chrysene-d12	14.051	240	225903	20.000	ng	0.00
86) Perylene-d12	15.533	264	173612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	239365	41.017	ng	0.00
7) Phenol-d6	6.510	99	310375	40.230	ng	0.00
23) Nitrobenzene-d5	7.434	82	288201	40.422	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	87426	41.118	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	565607	42.389	ng	0.00
79) Terphenyl-d14	12.986	244	590771	40.721	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	57318	23.361	ng	98
3) Pyridine	3.422	79	111651	20.682	ng	98
4) n-Nitrosodimethylamine	3.357	42	65851	20.754	ng	95
6) Aniline	6.534	93	112828	20.778	ng	88
8) 2-Chlorophenol	6.663	128	127220	20.263	ng	96
9) Benzaldehyde	6.422	77	96584	23.648	ng	97
10) Phenol	6.522	94	161262	20.467	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	120837	20.042	ng	100
12) 1,3-Dichlorobenzene	6.816	146	142704	20.228	ng	99
13) 1,4-Dichlorobenzene	6.893	146	144955	20.293	ng	100
14) 1,2-Dichlorobenzene	7.045	146	136939	20.459	ng	99
15) Benzyl Alcohol	7.010	79	115602	20.205	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	142742	20.040	ng	81
17) 2-Methylphenol	7.128	107	102895	20.473	ng	94
18) Hexachloroethane	7.381	117	54624	20.475	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	91173	19.996	ng	97
20) 3+4-Methylphenols	7.281	107	129954	20.117	ng	94
22) Acetophenone	7.281	105	180222	20.270	ng	100
24) Nitrobenzene	7.451	77	148986	20.218	ng	100
25) Isophorone	7.687	82	239713	20.158	ng	98
26) 2-Nitrophenol	7.769	139	67593	20.699	ng	100
27) 2,4-Dimethylphenol	7.804	122	77504	19.836	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	146899	20.277	ng	100
29) 2,4-Dichlorophenol	8.016	162	105906	20.456	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	120949	20.461	ng	100
31) Naphthalene	8.175	128	387236	20.614	ng	99
32) Benzoic acid	7.904	122	45935	18.678	ng	99
33) 4-Chloroaniline	8.222	127	112719	20.042	ng	100
34) Hexachlorobutadiene	8.287	225	79980	20.427	ng	99
35) Caprolactam	8.581	113	33020	20.609	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	115782	19.974	ng	98
37) 2-Methylnaphthalene	8.863	142	243949	20.446	ng	99
38) 1-Methylnaphthalene	8.963	142	240502	20.564	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	120444	20.695	ng	100
41) Hexachlorocyclopentadiene	9.016	237	17909	19.734	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	74538	20.410	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	81588	20.585	ng	98
46) 1,1'-Biphenyl	9.328	154	310749	20.936	ng	100
47) 2-Chloronaphthalene	9.357	162	231066	20.545	ng	99
48) 2-Nitroaniline	9.451	65	75343	20.871	ng	99
49) Acenaphthylene	9.769	152	359483	21.155	ng	100
50) Dimethylphthalate	9.628	163	267629	20.440	ng	99
51) 2,6-Dinitrotoluene	9.692	165	61076	20.568	ng	97
52) Acenaphthene	9.945	154	225540m	20.497	ng	
53) 3-Nitroaniline	9.863	138	61362	21.128	ng	96
54) 2,4-Dinitrophenol	9.975	184	17628	18.164	ng	98
55) Dibenzofuran	10.116	168	345729	20.992	ng	100
56) 4-Nitrophenol	10.034	139	38787	19.582	ng	97
57) 2,4-Dinitrotoluene	10.098	165	82706	20.957	ng	96
58) Fluorene	10.457	166	278115	21.038	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	61142	20.072	ng	98
60) Diethylphthalate	10.328	149	276859	20.812	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	136189	20.992	ng	98
62) 4-Nitroaniline	10.475	138	62610	20.555	ng	99
63) Azobenzene	10.610	77	262444	20.833	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	34412	17.627	ng	97
66) n-Nitrosodiphenylamine	10.569	169	228075	20.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	78863	20.044	ng	98
68) Hexachlorobenzene	11.010	284	91363	20.055	ng	97
69) Atrazine	11.092	200	50070	15.754	ng	99
70) Pentachlorophenol	11.210	266	34309	17.111	ng	97
71) Phenanthrene	11.428	178	370424	20.171	ng	99
72) Anthracene	11.475	178	366152	20.383	ng	100
73) Carbazole	11.633	167	355423	20.567	ng	99
74) Di-n-butylphthalate	11.957	149	410317	20.566	ng	99
75) Fluoranthene	12.616	202	425403	21.335	ng	99
77) Benzidine	12.739	184	66895	10.185	ng	99
78) Pyrene	12.845	202	428479	20.514	ng	99
80) Butylbenzylphthalate	13.457	149	156775	20.835	ng	96
81) Benzo(a)anthracene	14.039	228	311416	20.825	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	88858	19.791	ng	98
83) Chrysene	14.074	228	275068	20.117	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	194626	20.484	ng	100
85) Di-n-octyl phthalate	14.633	149	259088	19.953	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	225489	19.930	ng	100
88) Benzo(b)fluoranthene	15.098	252	239653	21.977	ng	99
89) Benzo(k)fluoranthene	15.127	252	183799	19.261	ng	99
90) Benzo(a)pyrene	15.474	252	184528	20.812	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	184632	19.926	ng	99
92) Benzo(g,h,i)perylene	17.492	276	187164	19.795	ng	98

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



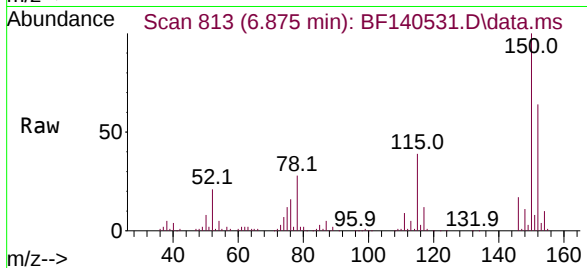
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

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BNA_F

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SSTDICC020



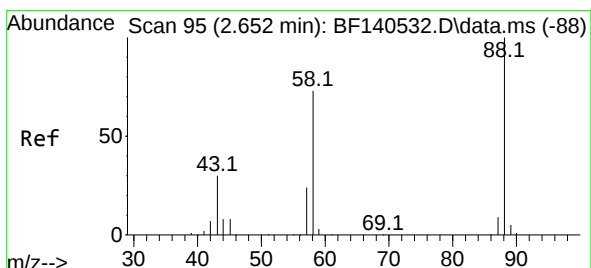
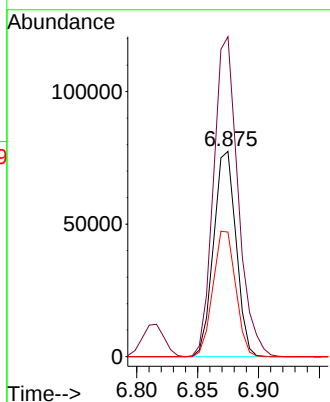
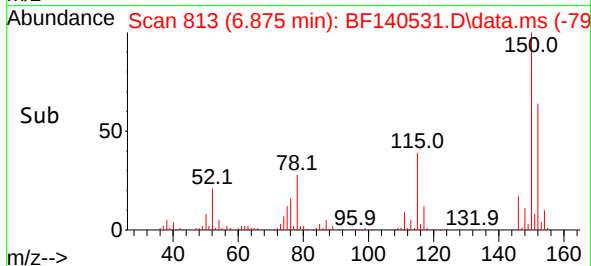
Tgt Ion:152 Resp: 99570
Ion Ratio Lower Upper
152 100
150 155.8 128.5 192.7
115 60.7 50.2 75.4

Manual Integrations

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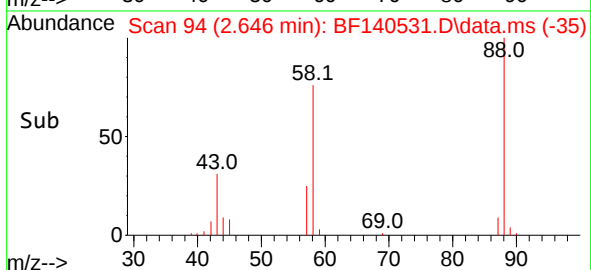
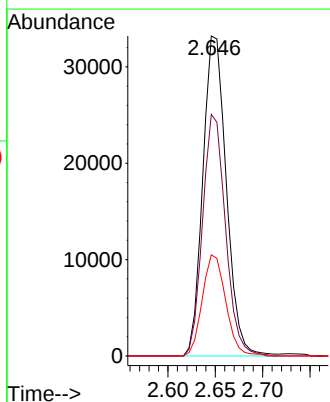
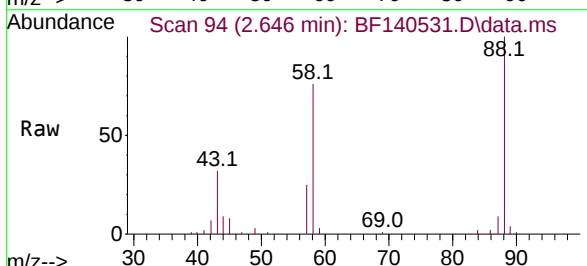
Reviewed By :Yogesh Patel 11/22/2024

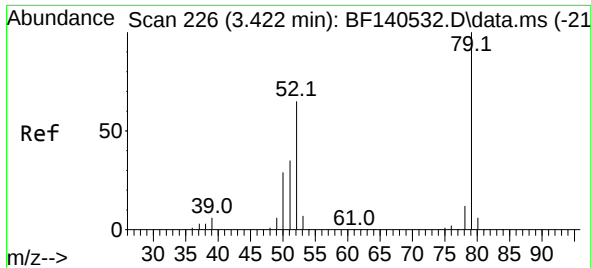
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 23.361 ng
RT: 2.646 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 88 Resp: 57318
Ion Ratio Lower Upper
88 100
58 73.3 57.4 86.2
43 31.6 24.3 36.5





#3

Pyridine

Concen: 20.682 ng

RT: 3.422 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 11165

Ion Ratio Lower Upper

79 100

52 66.7 52.1 78.1

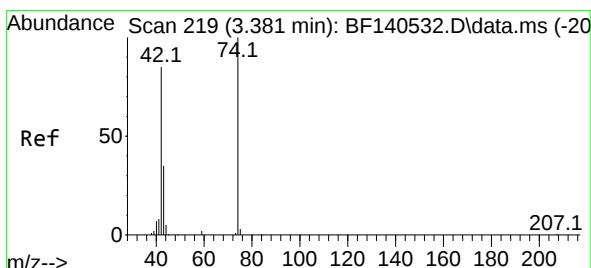
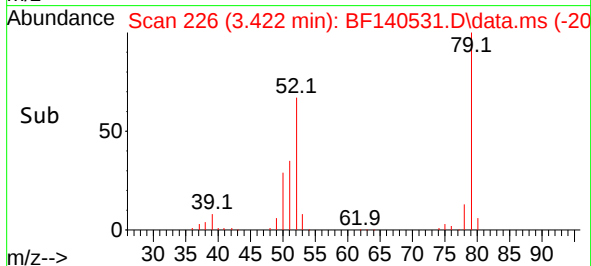
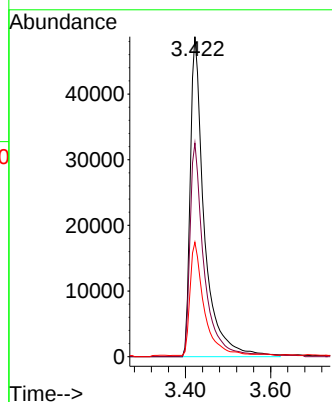
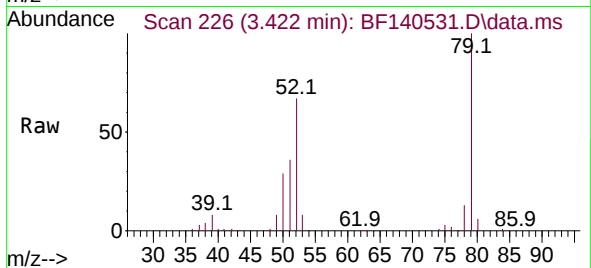
51 35.8 27.8 41.8

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 20.754 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

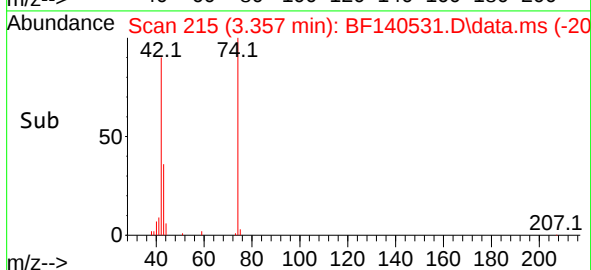
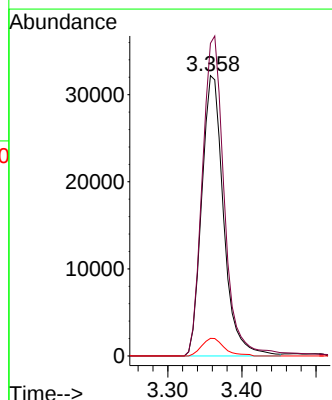
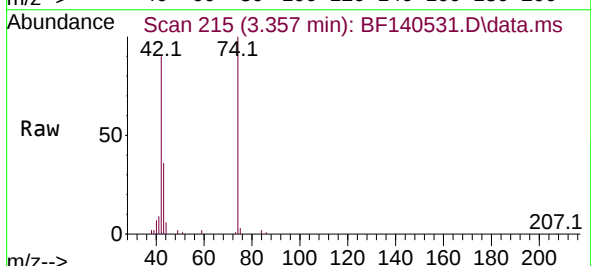
Tgt Ion: 42 Resp: 65851

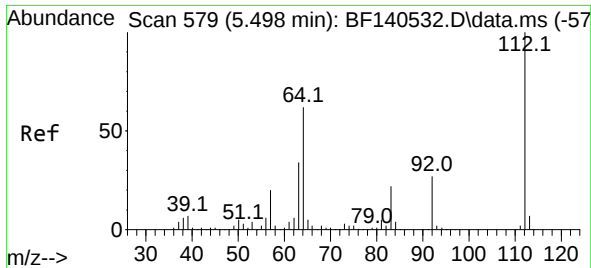
Ion Ratio Lower Upper

42 100

74 111.5 93.8 140.6

44 6.3 4.6 6.8





#5
2-Fluorophenol
Concen: 41.017 ng
RT: 5.499 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

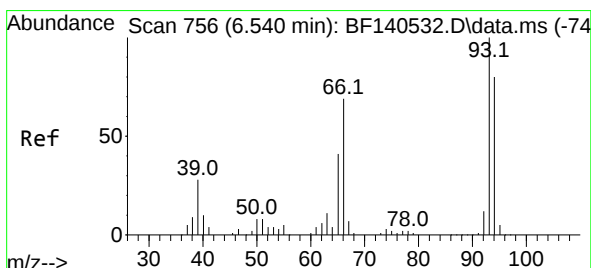
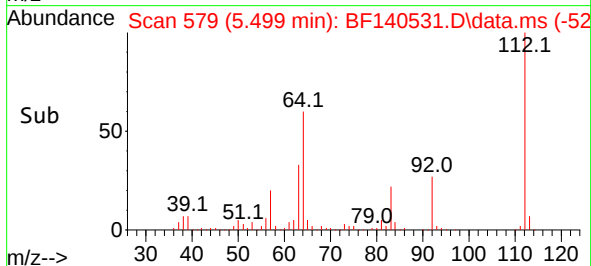
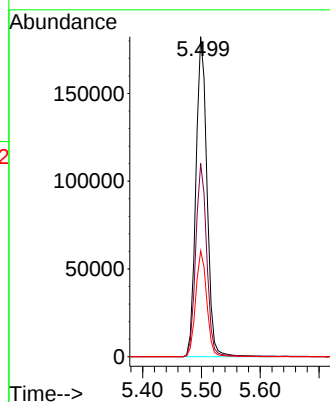
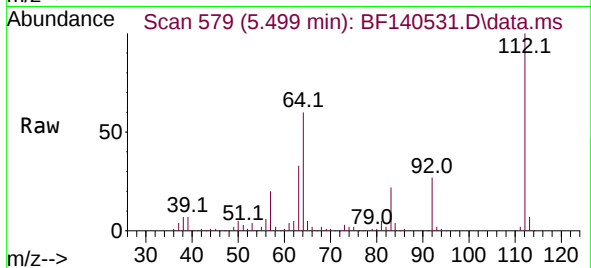
SSTDICC020

Tgt Ion:112 Resp: 23936
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 33.0 27.0 40.4

Manual Integrations

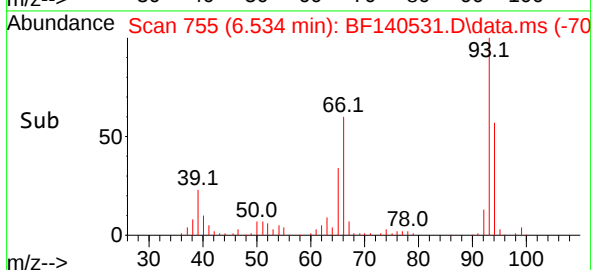
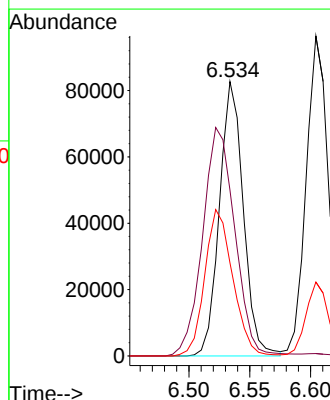
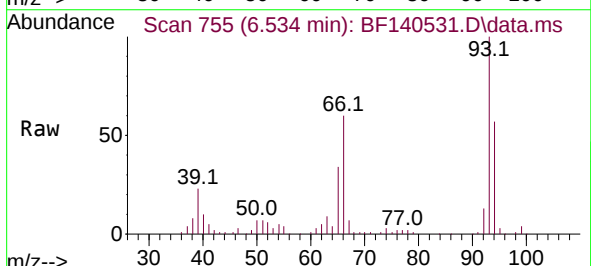
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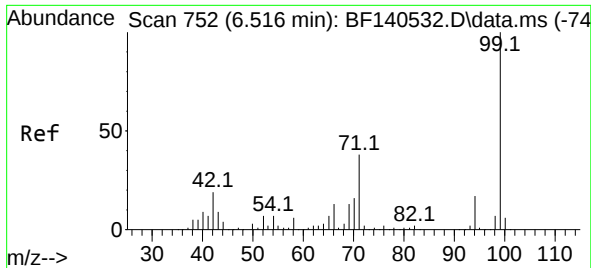
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 20.778 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 93 Resp: 112828
Ion Ratio Lower Upper
93 100
66 60.4 56.5 84.7
65 34.0 32.9 49.3





#7
Phenol-d6
Concen: 40.230 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

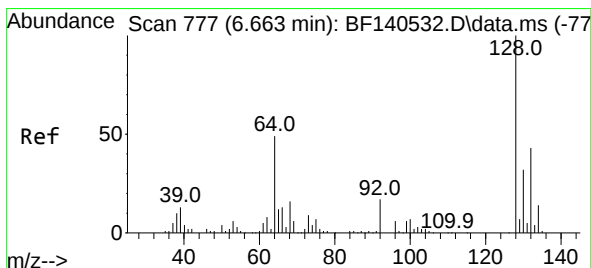
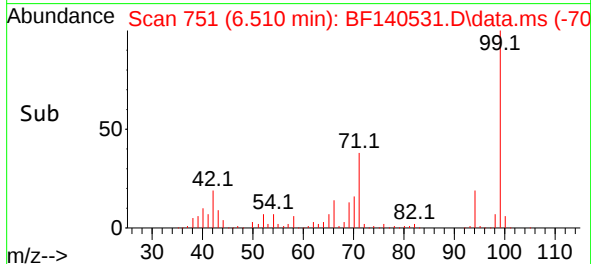
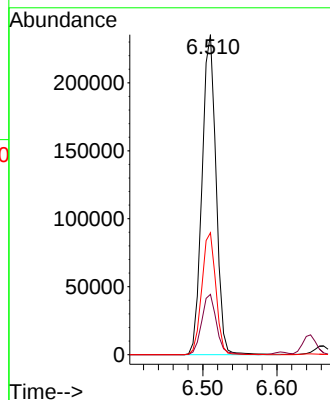
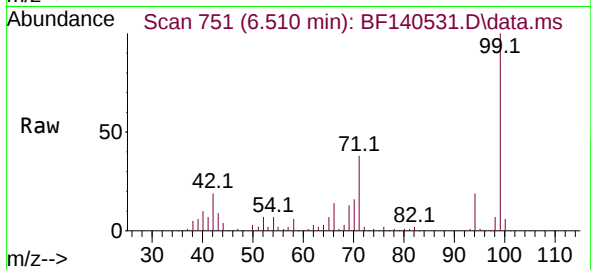
SSTDIC020

Tgt Ion: 99 Resp: 31037
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 38.1 30.6 46.0

Manual Integrations

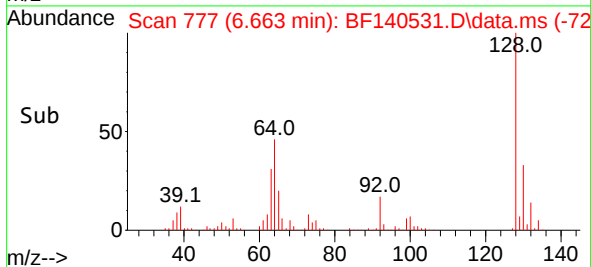
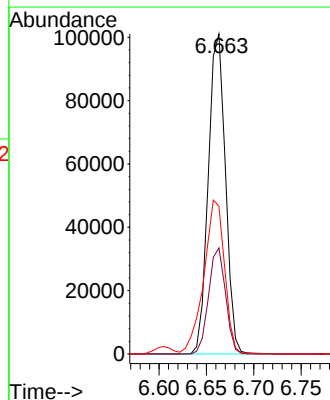
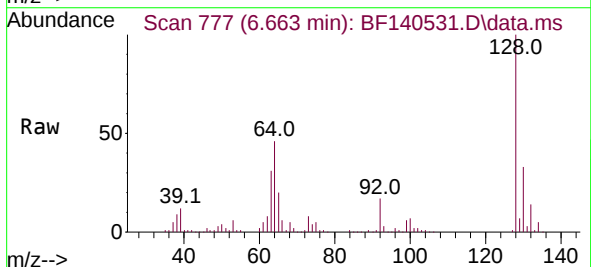
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#8
2-Chlorophenol
Concen: 20.263 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:128 Resp: 127220
Ion Ratio Lower Upper
128 100
130 33.2 12.3 52.3
64 46.2 30.2 70.2





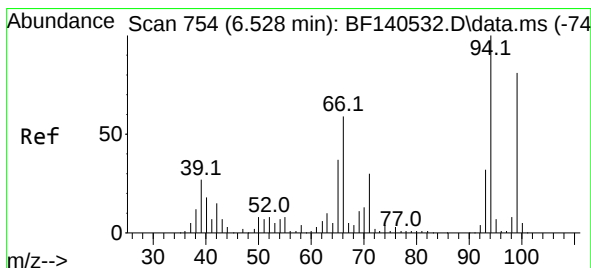
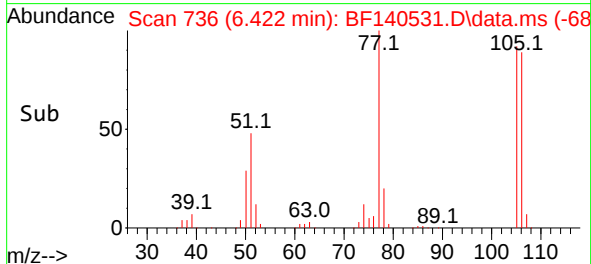
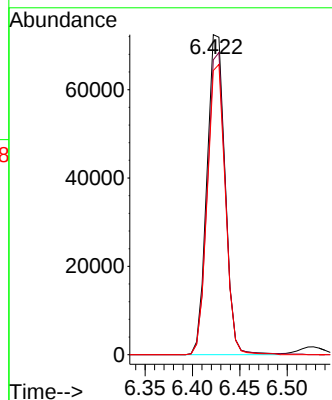
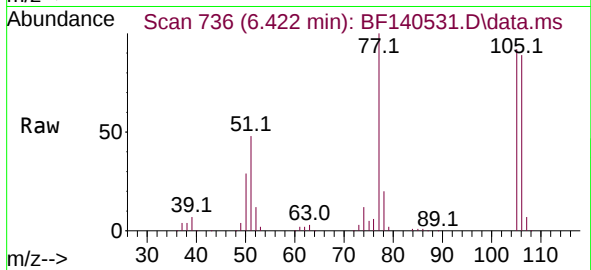
#9
Benzaldehyde
Concen: 23.648 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 96584
Ion Ratio Lower Upper
77 100
105 92.1 75.6 115.6
106 88.8 72.0 112.0

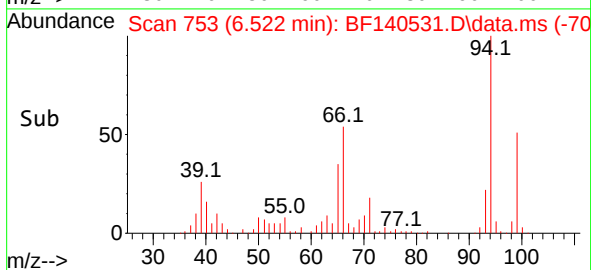
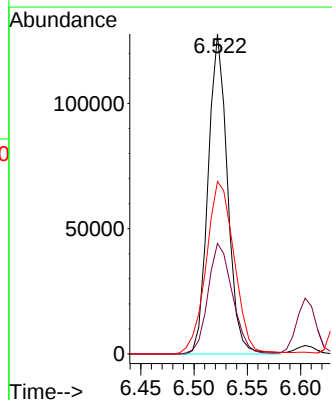
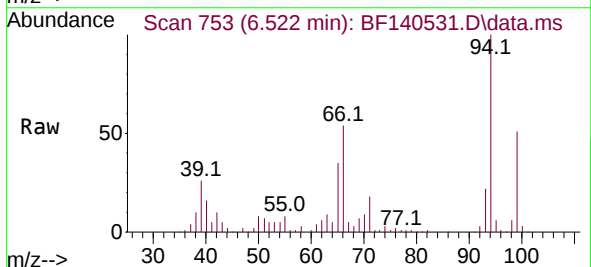
Manual Integrations
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Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 20.467 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 94 Resp: 161262
Ion Ratio Lower Upper
94 100
65 34.6 17.2 57.2
66 53.9 39.2 79.2





#11
bis(2-Chloroethyl)ether
Concen: 20.042 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

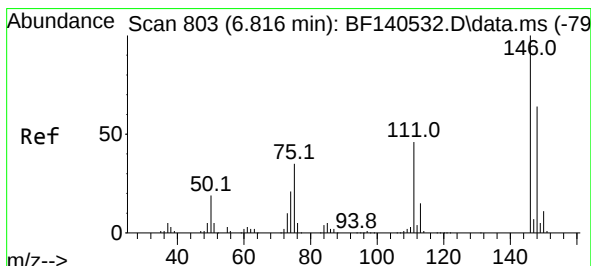
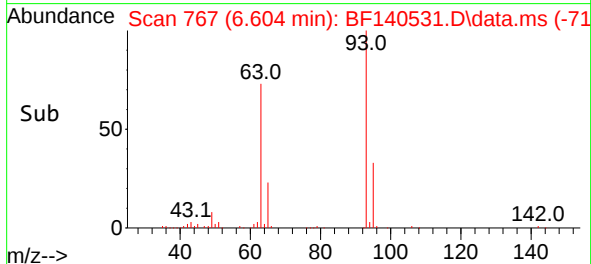
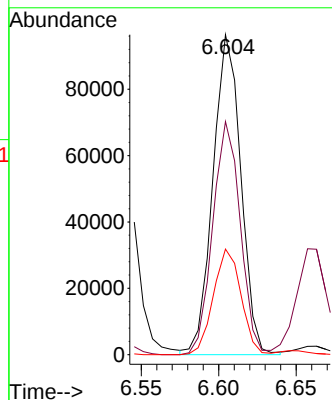
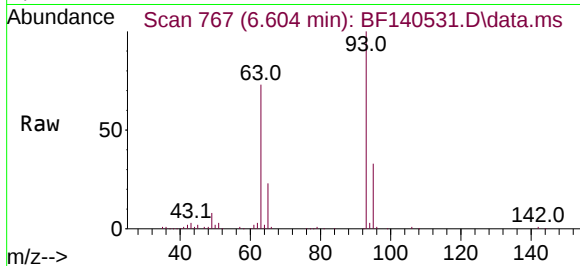
ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 12083
Ion Ratio Lower Upper
93 100
63 72.9 52.8 92.8
95 33.0 12.3 52.3

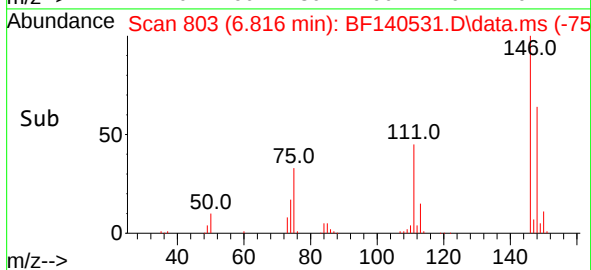
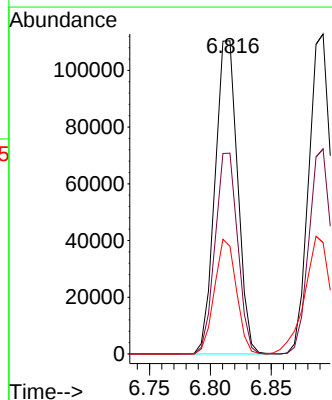
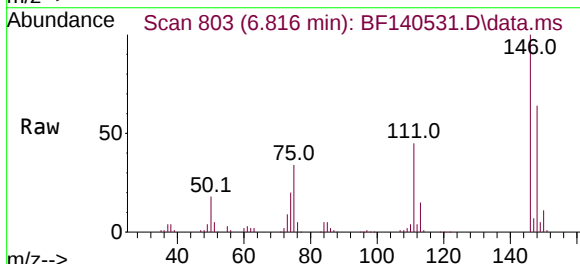
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 20.228 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:146 Resp: 142704
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 34.4 28.2 42.2





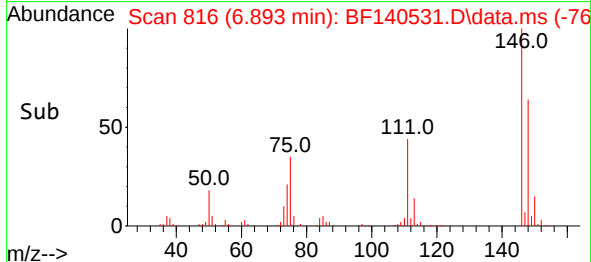
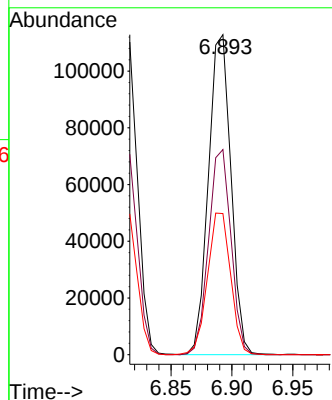
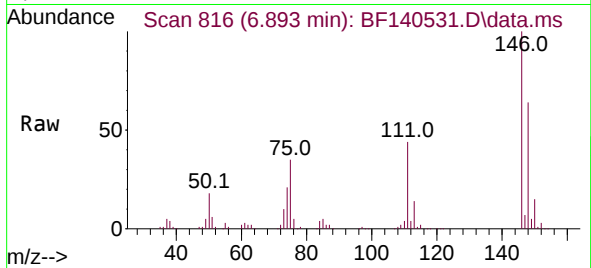
#13
1,4-Dichlorobenzene
Concen: 20.293 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 14495
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 44.1 35.3 52.9

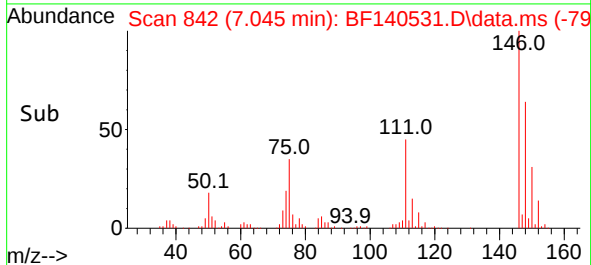
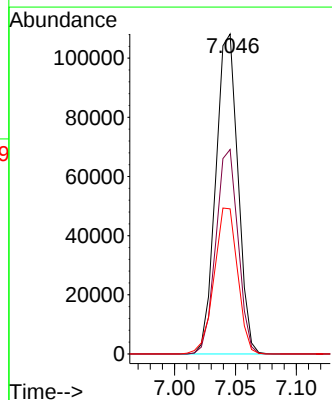
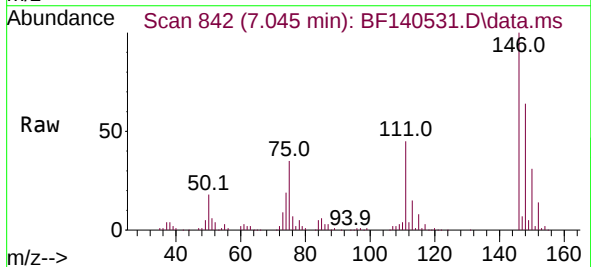
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 20.459 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

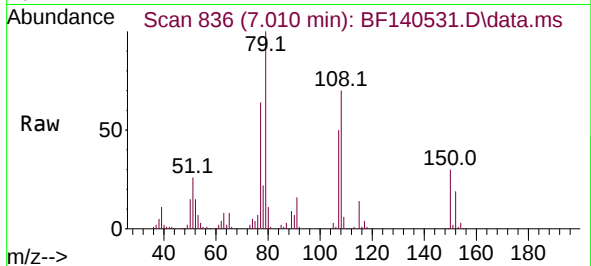
Tgt Ion:146 Resp: 136939
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 45.3 36.7 55.1





#15
Benzyl Alcohol
Concen: 20.205 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

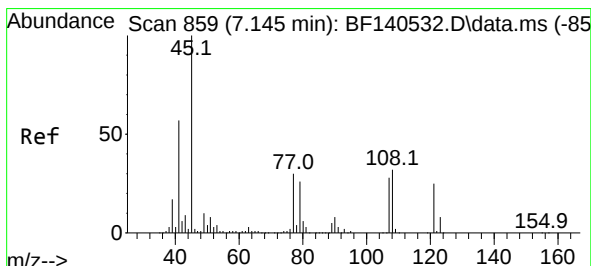
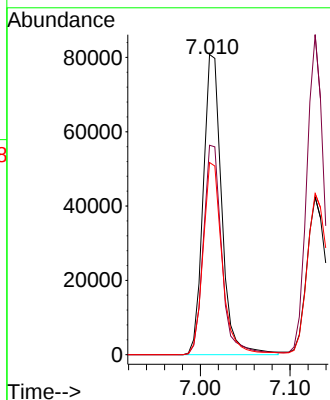
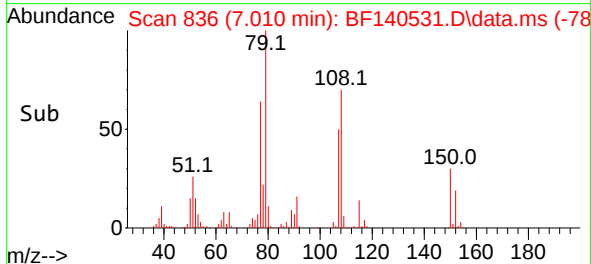
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 79 Resp: 115602
Ion Ratio Lower Upper
79 100
108 69.8 55.0 82.6
77 64.0 50.1 75.1

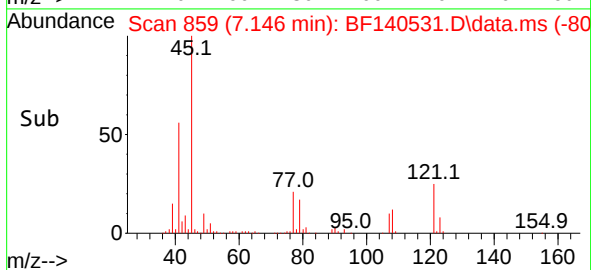
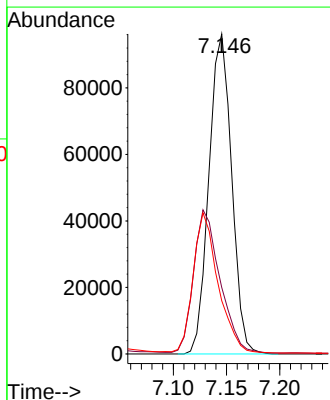
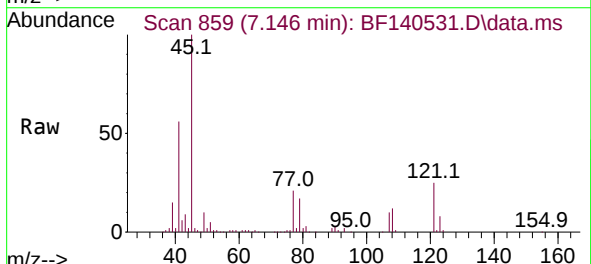
Manual Integrations
APPROVED

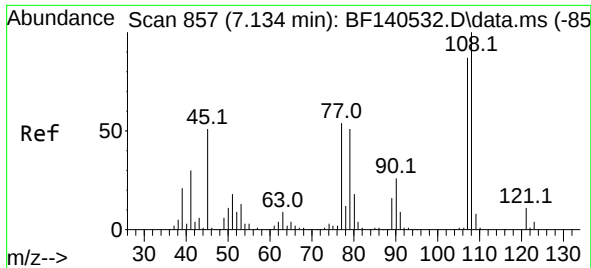
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.040 ng
RT: 7.146 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 45 Resp: 142742
Ion Ratio Lower Upper
45 100
77 20.8 10.7 50.7
79 16.6 7.0 47.0





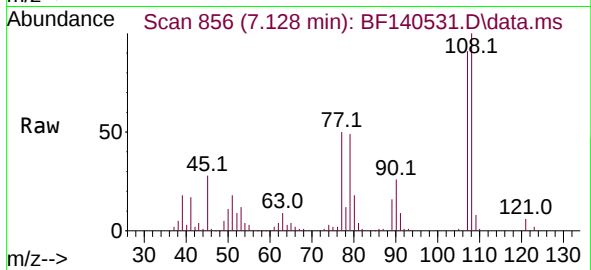
#17
2-Methylphenol
Concen: 20.473 ng
RT: 7.128 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



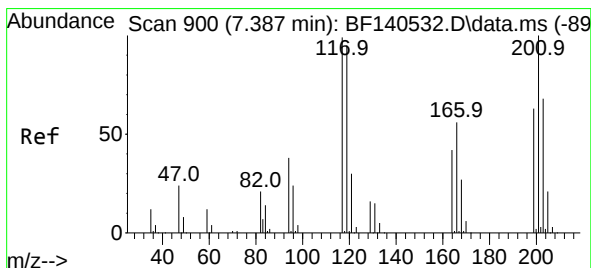
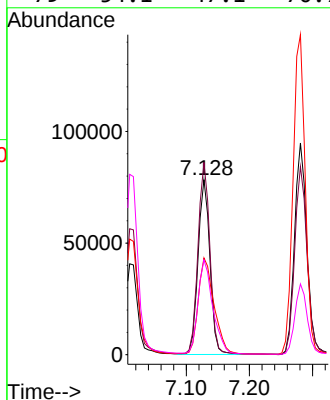
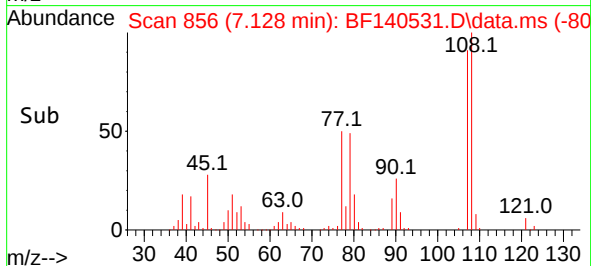
Tgt Ion:107 Resp: 102895
Ion Ratio Lower Upper
107 100
108 109.8 91.7 137.5
77 55.3 49.3 73.9
79 54.1 47.1 70.7

Manual Integrations

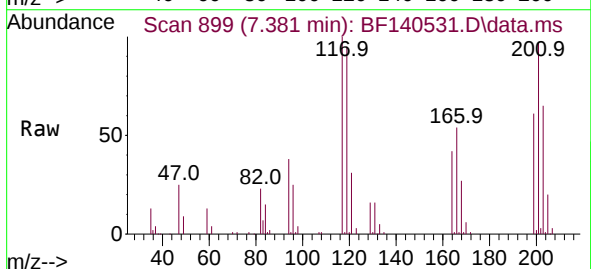
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

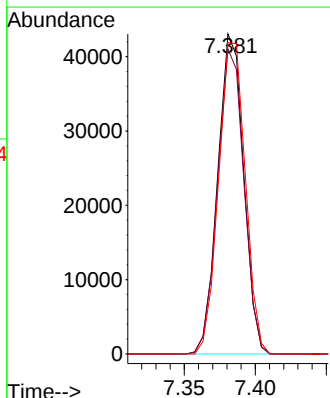
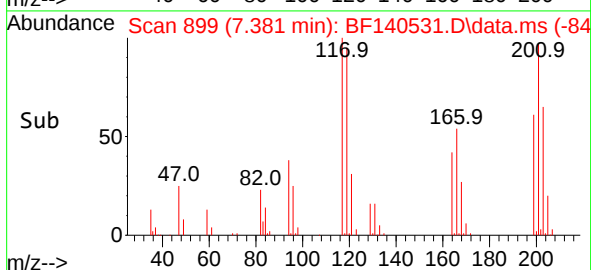
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 20.475 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:117 Resp: 54624
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7
201 97.3 81.1 121.7





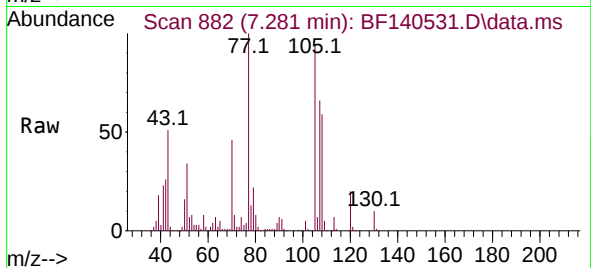
#19
n-Nitroso-di-n-propylamine
Concen: 19.996 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

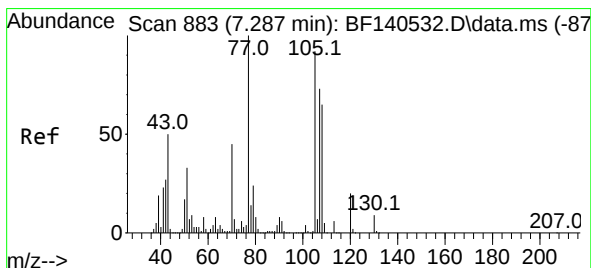
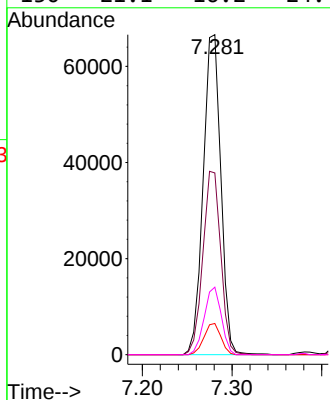
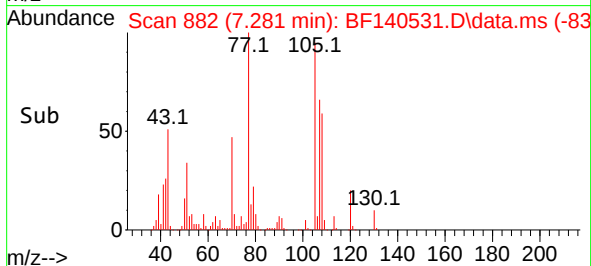


Tgt Ion: 70 Resp: 9117
Ion Ratio Lower Upper
70 100
42 56.8 47.6 71.4
101 9.8 7.6 11.4
130 21.1 16.2 24.4

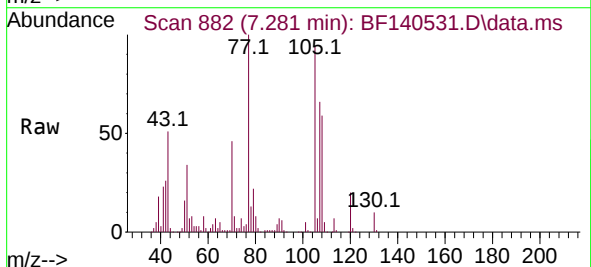
Manual Integrations

APPROVED

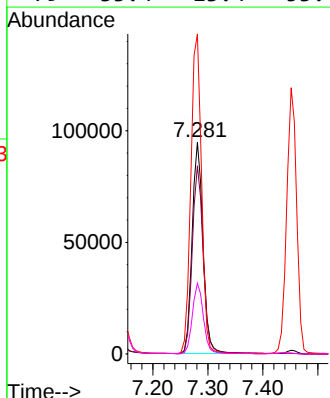
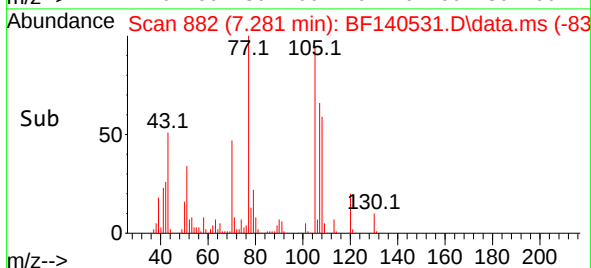
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

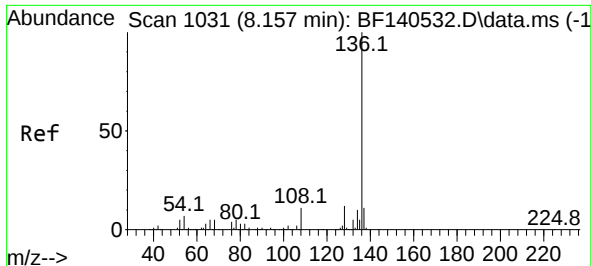


#20
3+4-Methylphenols
Concen: 20.117 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:107 Resp: 129954
Ion Ratio Lower Upper
107 100
108 88.9 69.9 109.9
77 151.1 117.7 157.7
79 33.4 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

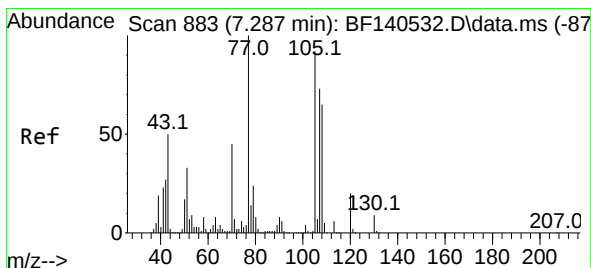
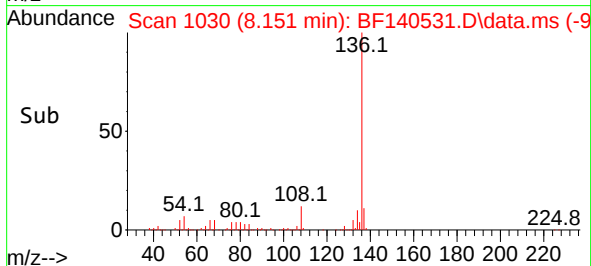
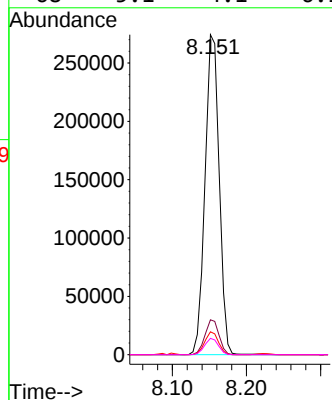
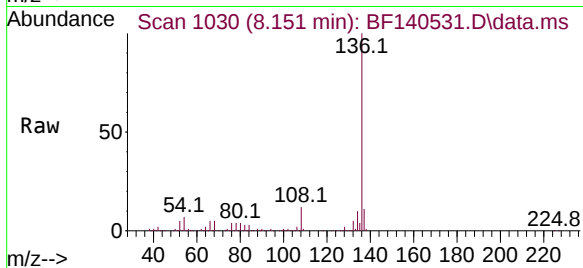
SSTDICC020

Tgt Ion:136 Resp: 364692
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

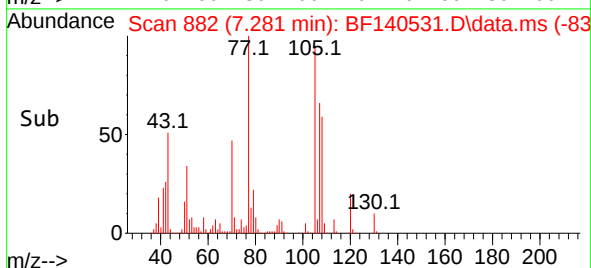
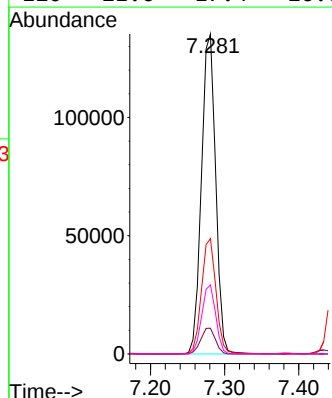
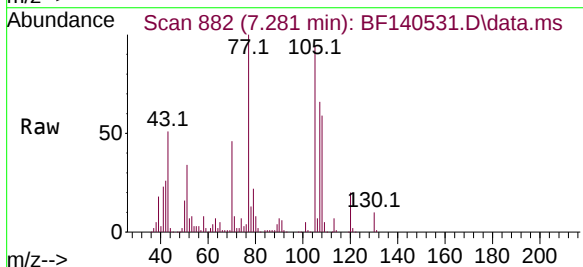
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 20.270 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:105 Resp: 180222
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.2
51 36.1 29.0 43.6
120 21.6 17.4 26.0





#23

Nitrobenzene-d5

Concen: 40.422 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 28820

Ion Ratio Lower Upper

82 100

128 41.4 33.0 49.4

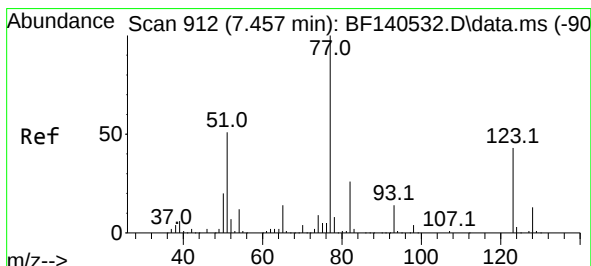
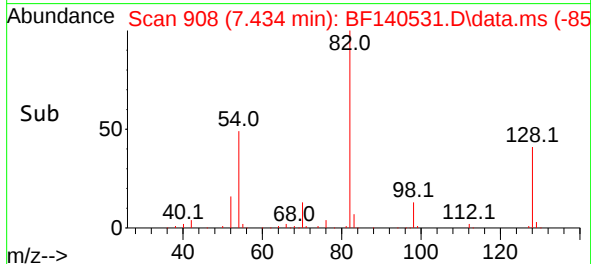
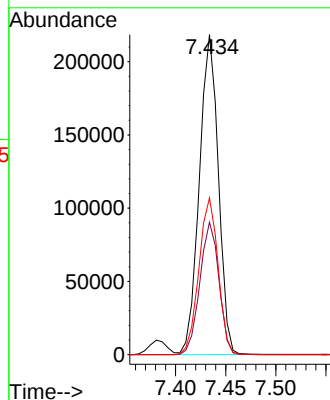
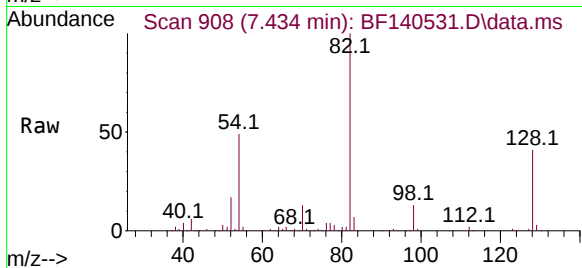
54 49.0 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 20.218 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

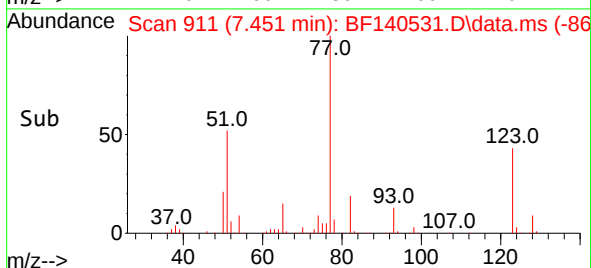
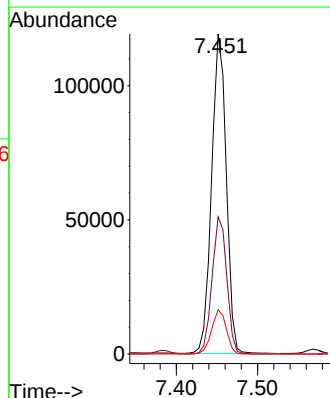
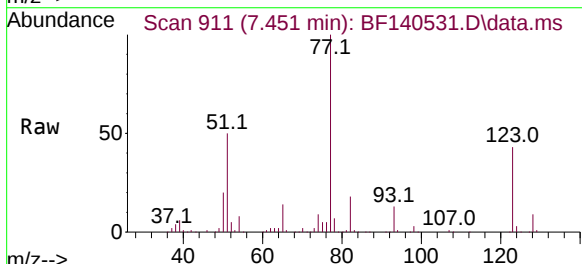
Tgt Ion: 77 Resp: 148986

Ion Ratio Lower Upper

77 100

123 42.9 34.3 51.5

65 13.8 11.2 16.8





#25
Isophorone
Concen: 20.158 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

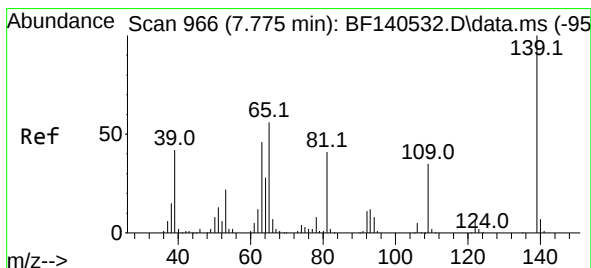
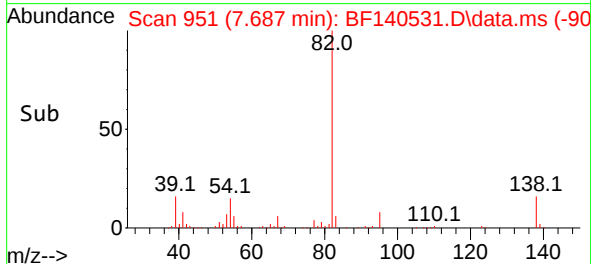
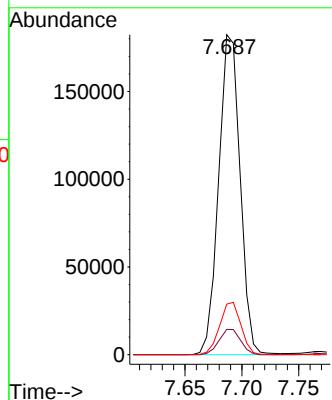
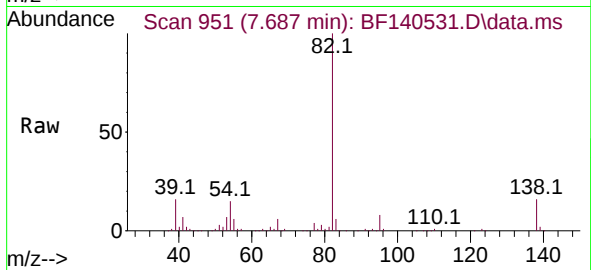
SSTDICC020

Tgt Ion: 82 Resp: 23971
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 15.8 13.8 20.6

Manual Integrations

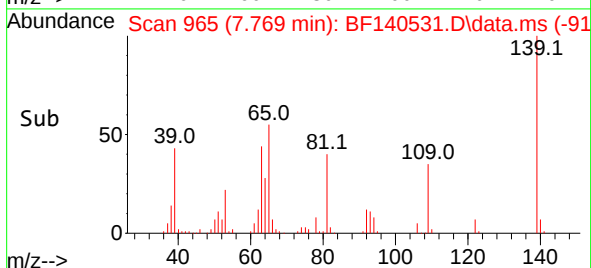
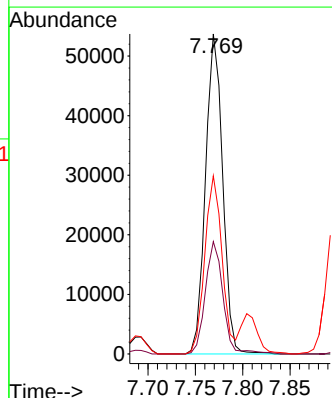
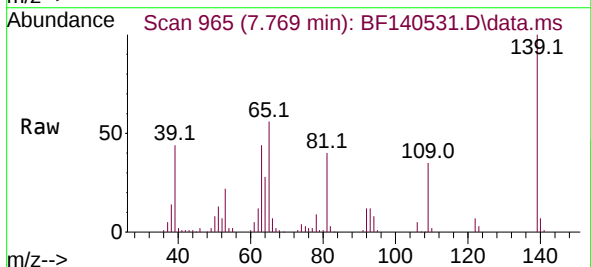
APPROVED

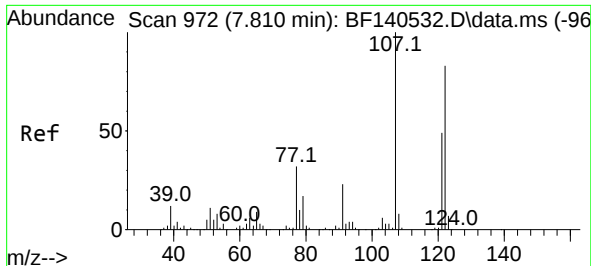
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 20.699 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:139 Resp: 67593
Ion Ratio Lower Upper
139 100
109 35.1 28.0 42.0
65 55.6 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 19.836 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

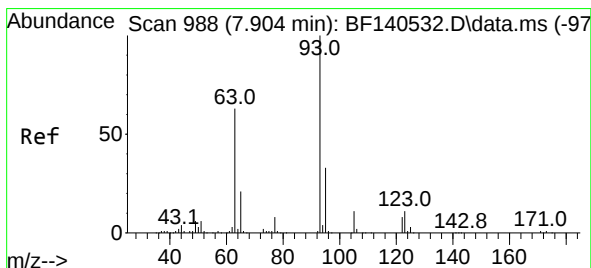
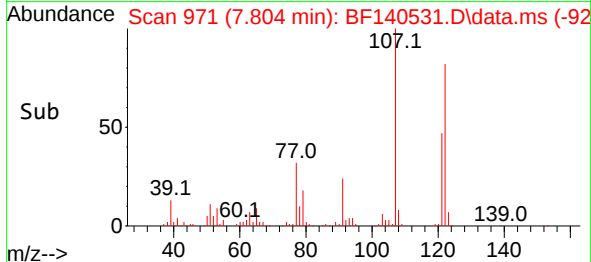
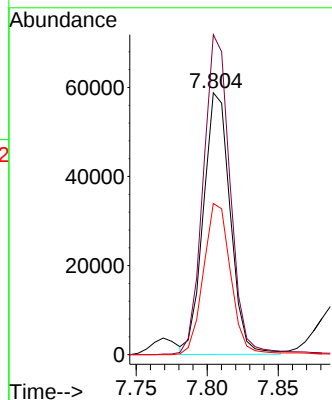
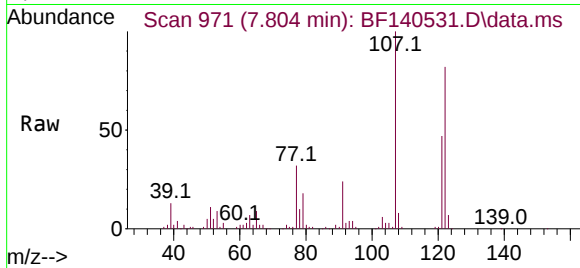
Tgt Ion:	122	Resp:	77504
Ion	Ratio	Lower	Upper
122	100		
107	122.2	96.8	145.2
121	57.7	47.4	71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 20.277 ng

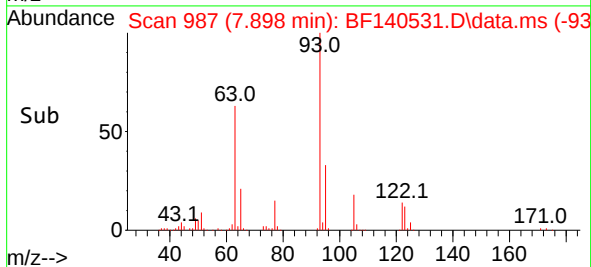
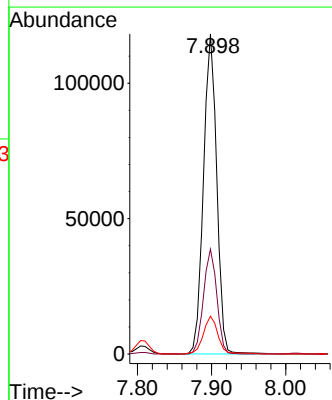
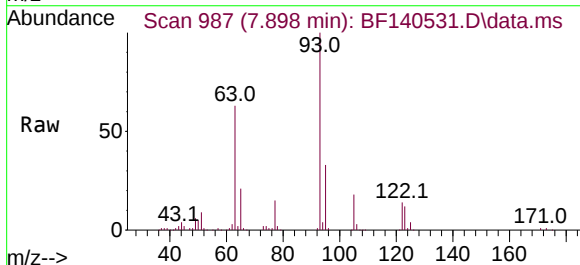
RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:	93	Resp:	146899
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.1	39.1
123	11.8	9.1	13.7





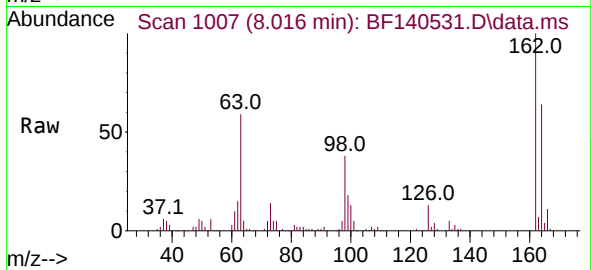
#29
2,4-Dichlorophenol
Concen: 20.456 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



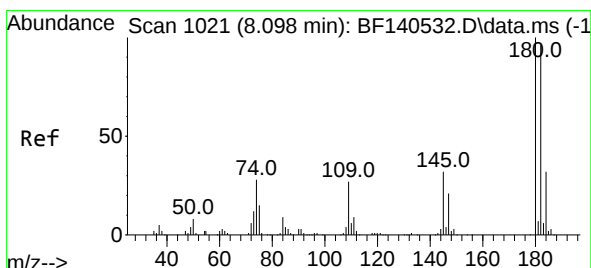
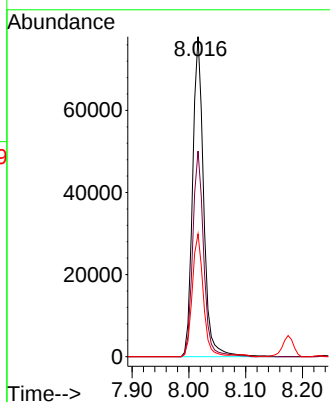
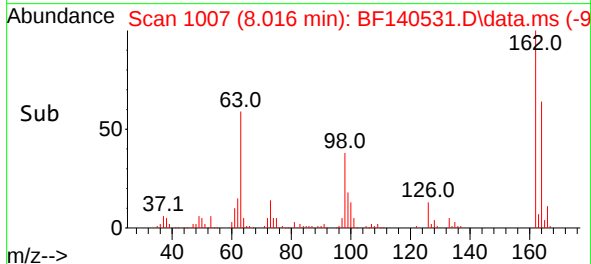
Tgt Ion:162 Resp: 105900
Ion Ratio Lower Upper
162 100
164 64.3 44.8 84.8
98 38.3 21.2 61.2

Manual Integrations

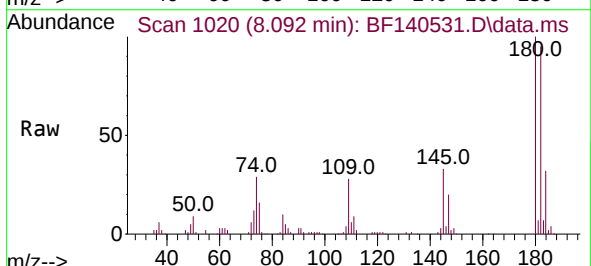
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

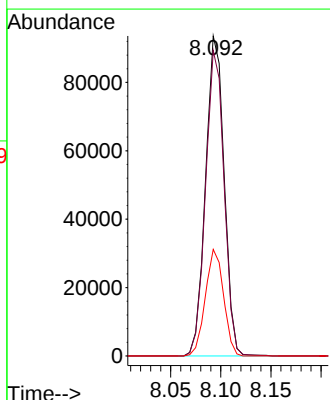
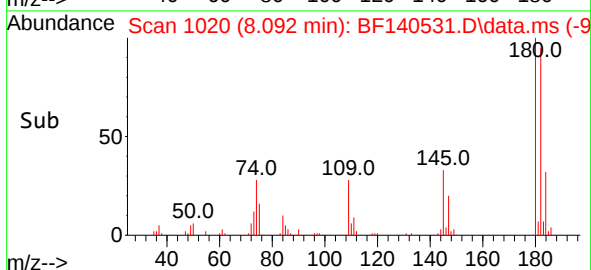
Supervised By :mohammad ahmed 11/27/2024



#30
1,2,4-Trichlorobenzene
Concen: 20.461 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:180 Resp: 120949
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 33.3 25.9 38.9





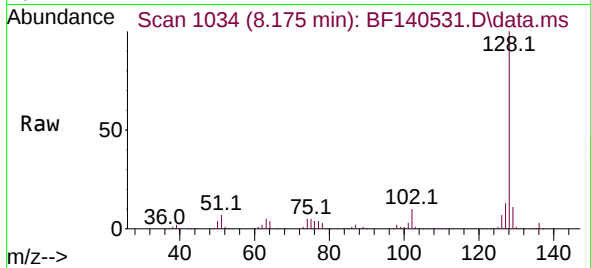
#31
Naphthalene
Concen: 20.614 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



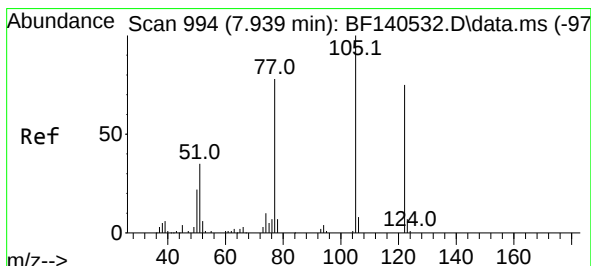
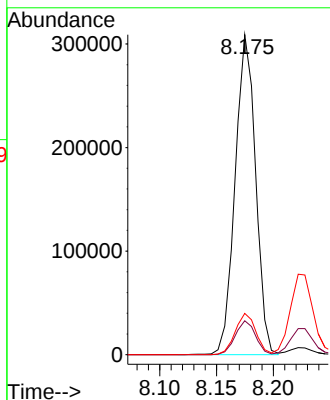
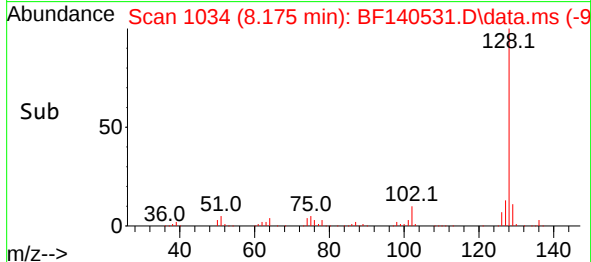
Tgt Ion:128 Resp: 387230
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.9 10.8 16.2

Manual Integrations

APPROVED

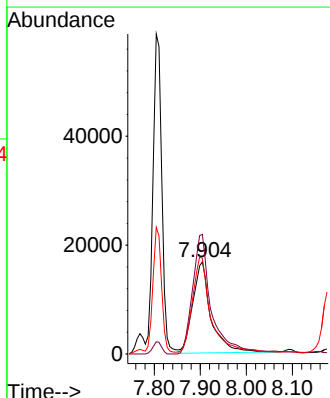
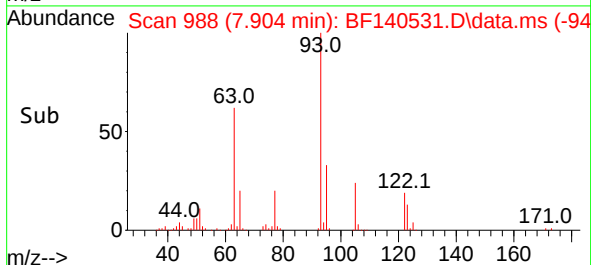
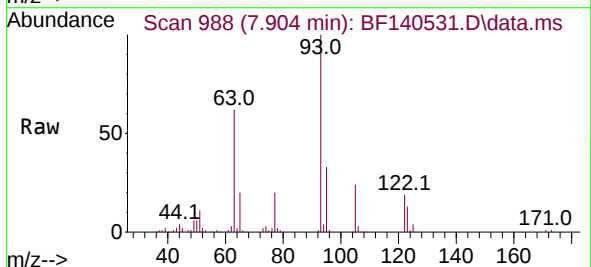
Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 18.678 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.035 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:122 Resp: 45935
Ion Ratio Lower Upper
122 100
105 129.6 109.3 149.3
77 103.8 82.3 122.3





#33
4-Chloroaniline
Concen: 20.042 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

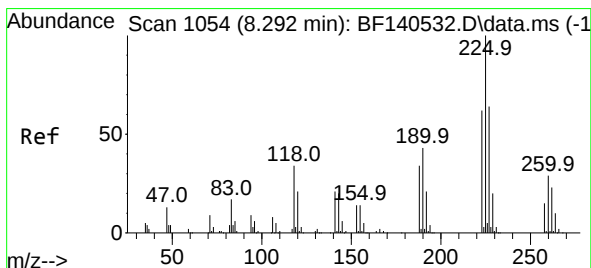
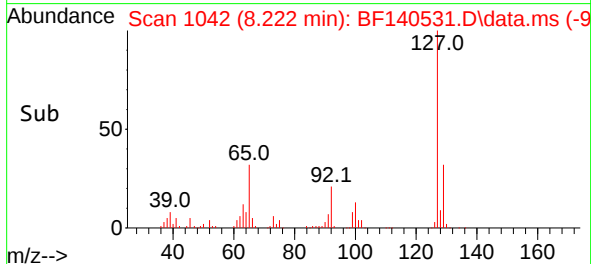
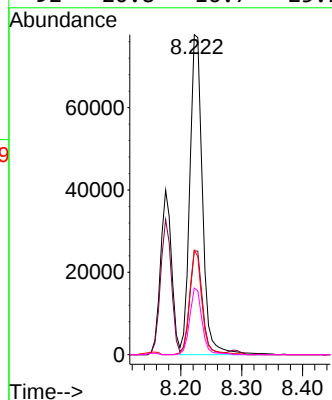
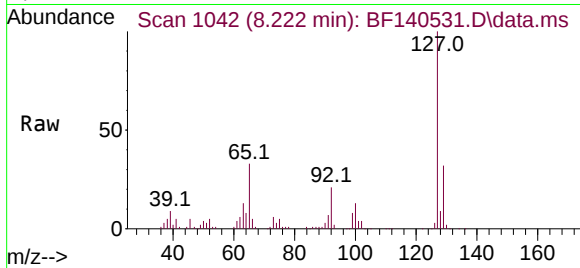
Tgt Ion:127 Resp: 112719
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 32.6 26.0 39.0
92 20.8 16.7 25.1

Manual Integrations

APPROVED

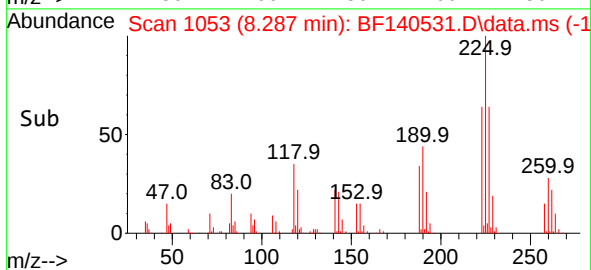
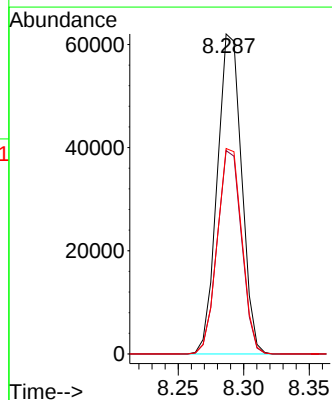
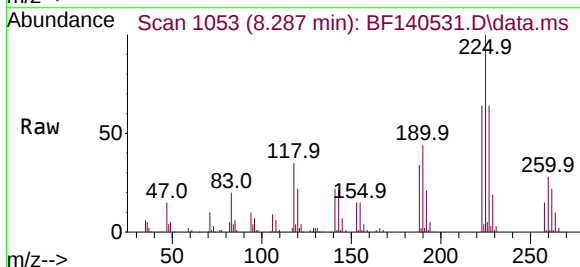
Reviewed By :Yogesh Patel 11/22/2024

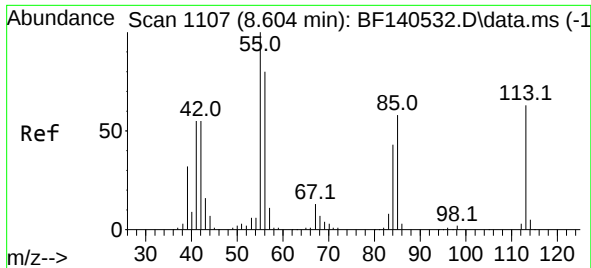
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 20.427 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:225 Resp: 79980
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.8
227 64.2 51.3 76.9





#35
Caprolactam
Concen: 20.609 ng
RT: 8.581 min Scan# 1103
Delta R.T. -0.023 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

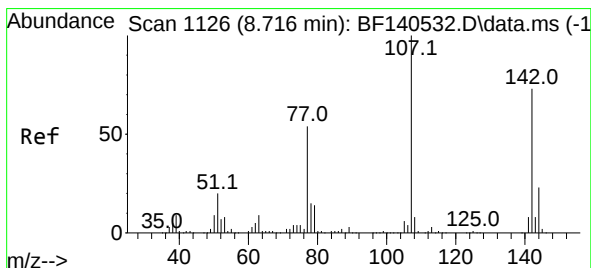
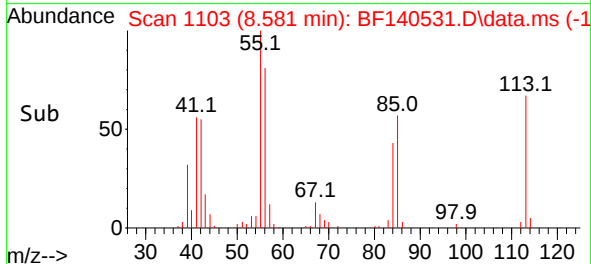
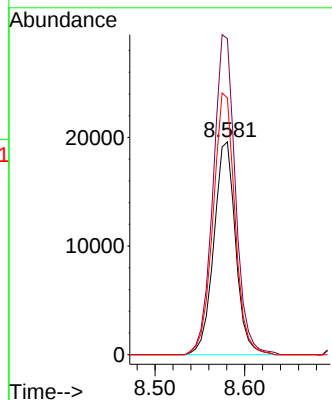
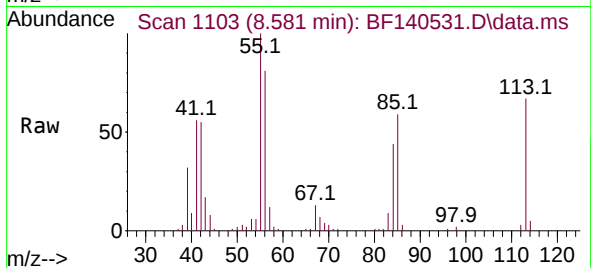
SSTDICC020

Tgt Ion:113 Resp: 33020
Ion Ratio Lower Upper
113 100
55 148.5 137.7 177.7
56 120.6 106.4 146.4

Manual Integrations

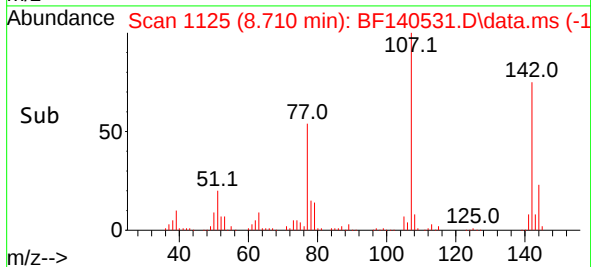
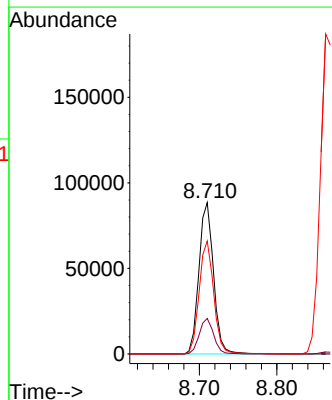
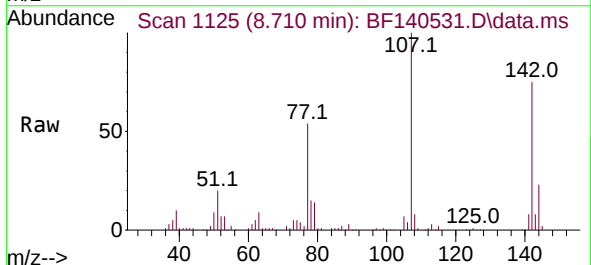
APPROVED

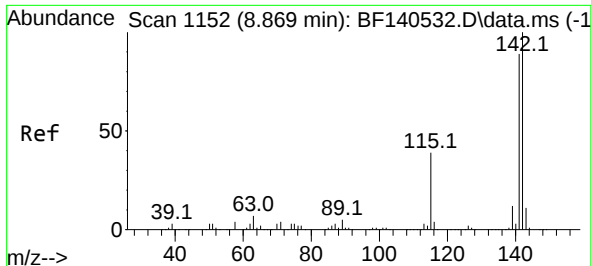
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 19.974 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:107 Resp: 115782
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 74.6 58.3 87.5





#37
2-Methylnaphthalene
Concen: 20.446 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

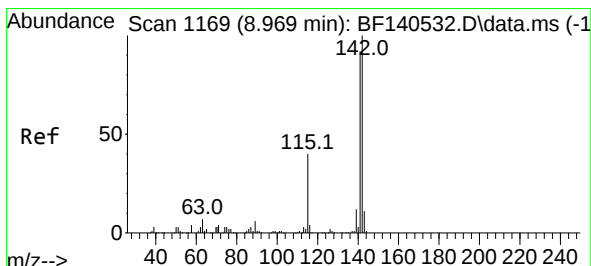
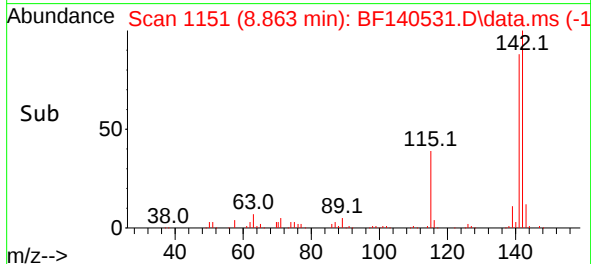
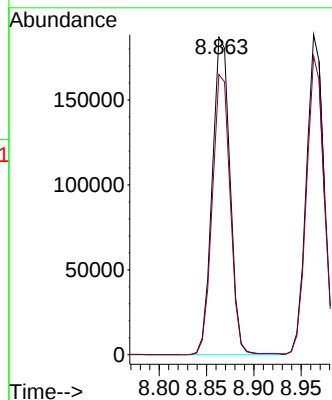
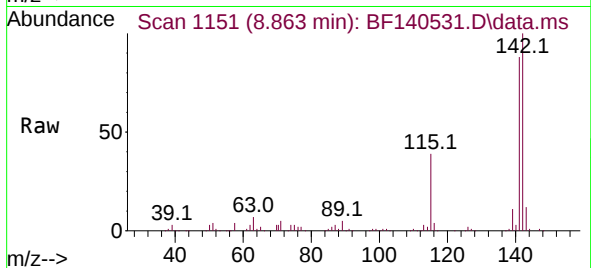
SSTDICC020

Tgt Ion:142 Resp: 243949
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6

Manual Integrations

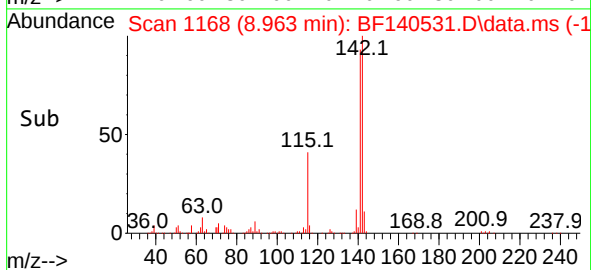
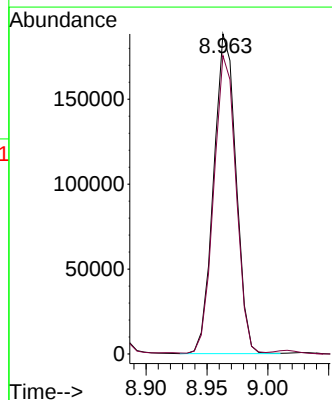
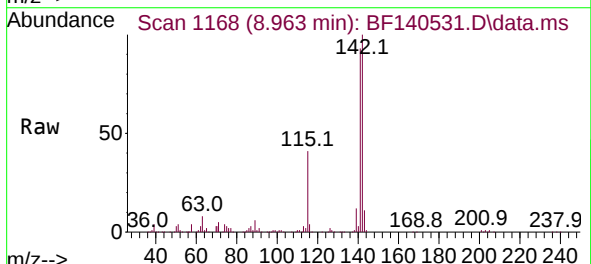
APPROVED

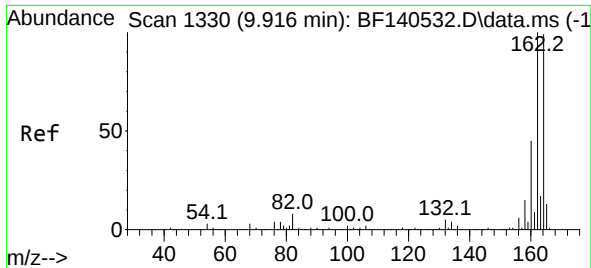
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 20.564 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:142 Resp: 240502
Ion Ratio Lower Upper
142 100
141 93.2 73.3 109.9





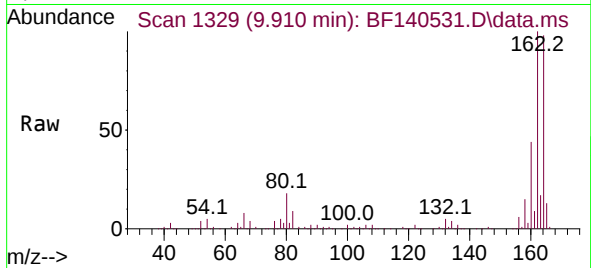
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



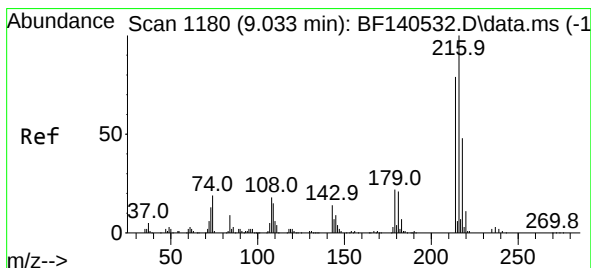
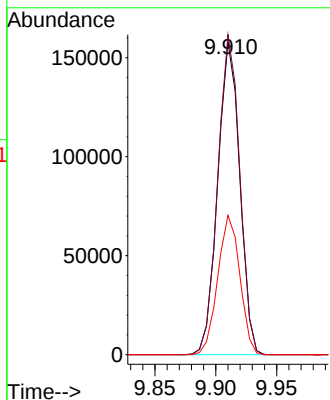
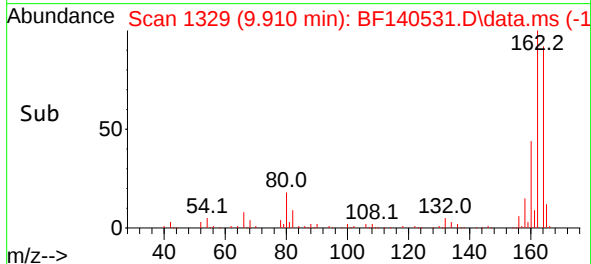
Tgt Ion:164 Resp: 19880
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 44.6 36.2 54.4

Manual Integrations

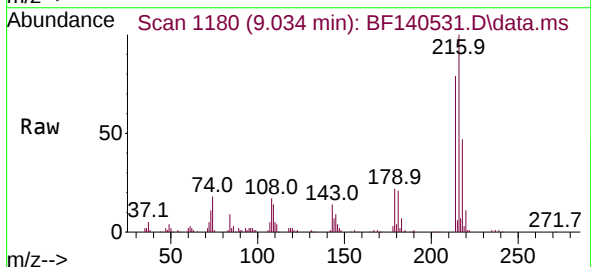
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

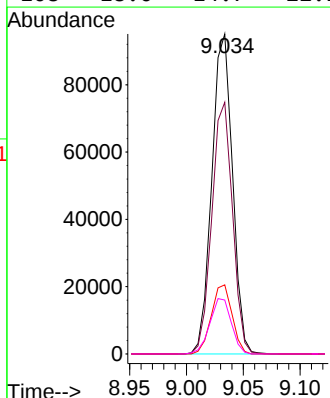
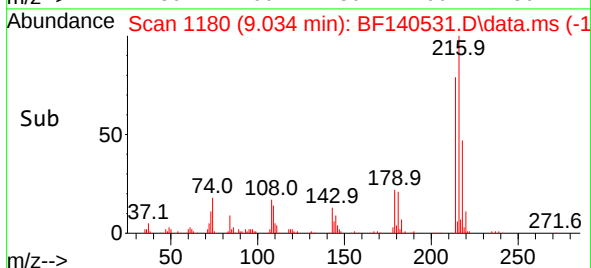
Supervised By :mohammad ahmed 11/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.695 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



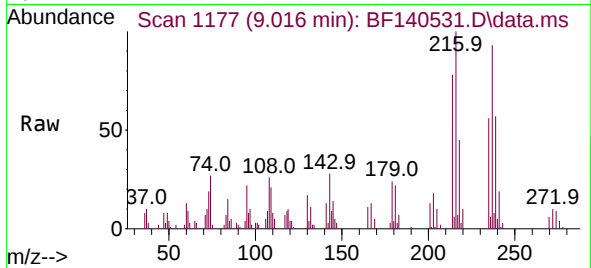
Tgt Ion:216 Resp: 120444
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.7 17.5 26.3
108 18.0 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 19.734 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

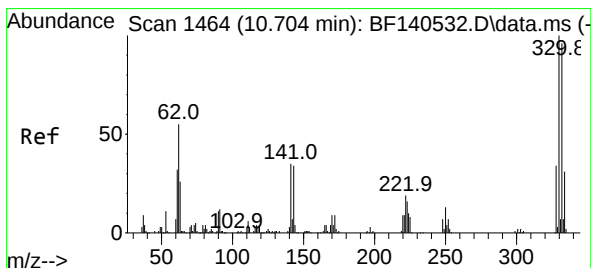
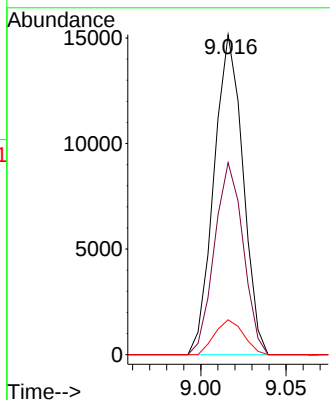
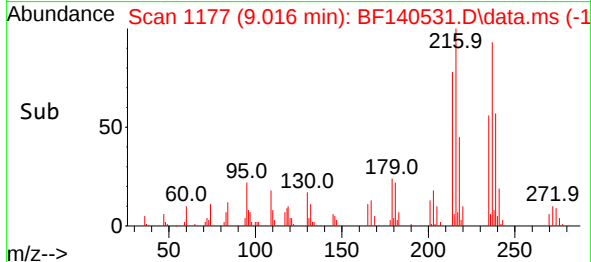
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



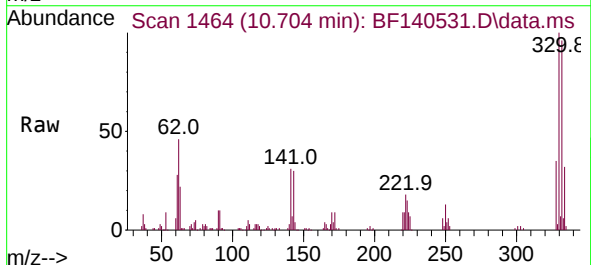
Tgt Ion:237 Resp: 17909
Ion Ratio Lower Upper
237 100
235 60.0 41.1 81.1
272 10.9 0.0 32.6

Manual Integrations
APPROVED

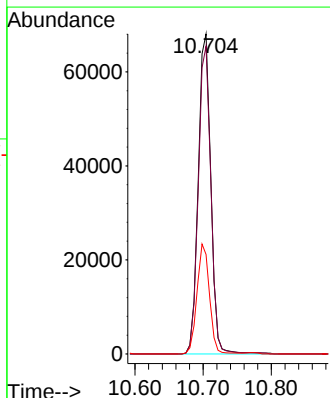
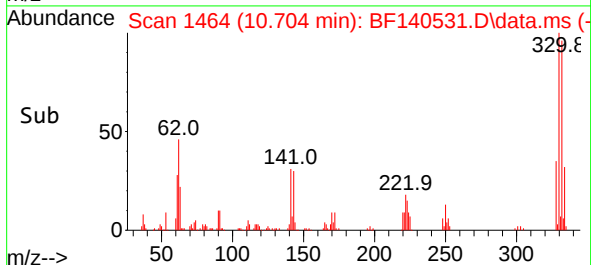
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 41.118 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:330 Resp: 87426
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 34.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 20.410 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 74538

Ion Ratio Lower Upper

196 100

198 95.9 76.8 115.2

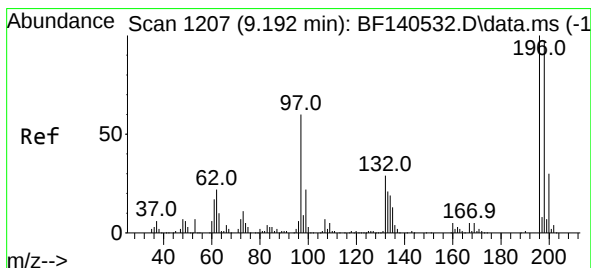
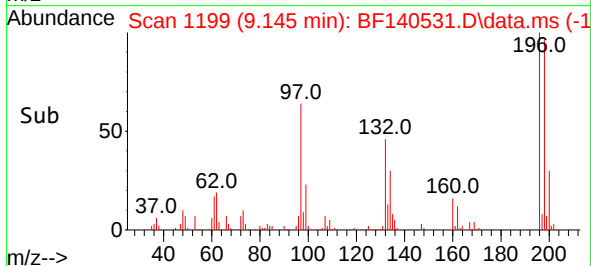
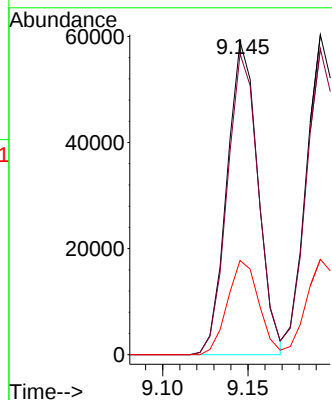
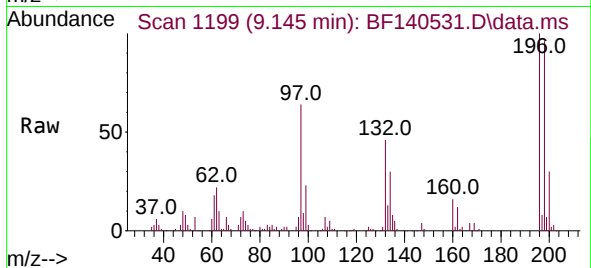
200 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

Concen: 20.585 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:196 Resp: 81588

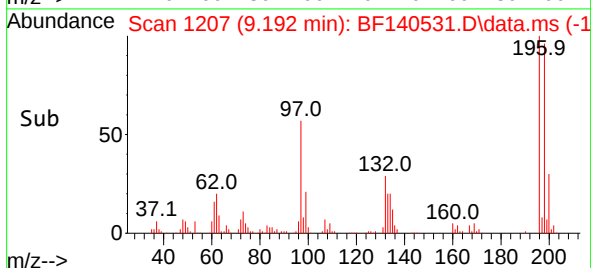
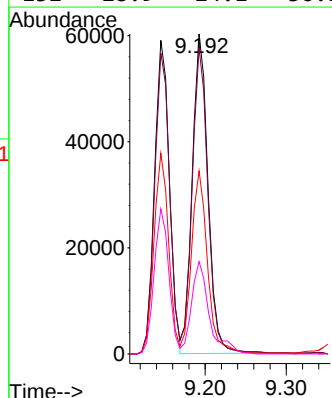
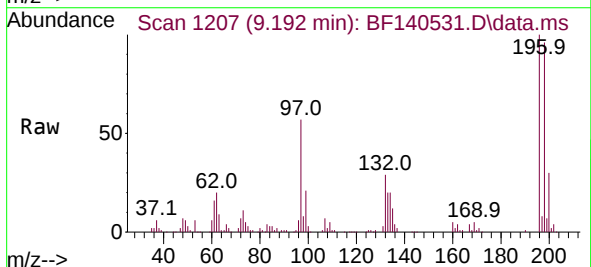
Ion Ratio Lower Upper

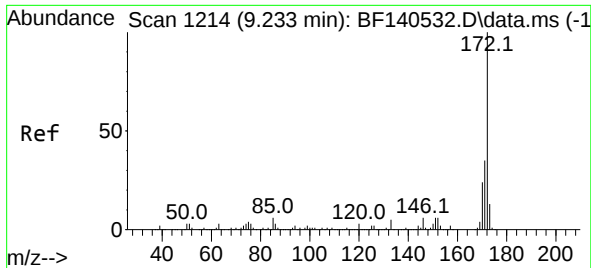
196 100

198 95.6 77.2 115.8

97 57.2 47.1 70.7

132 28.9 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 42.389 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

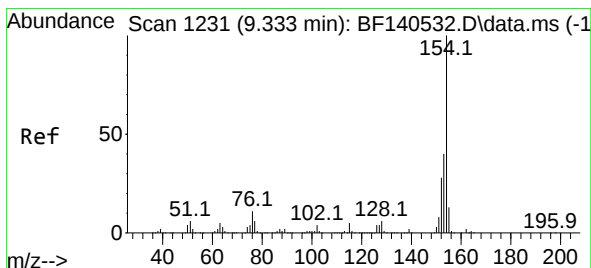
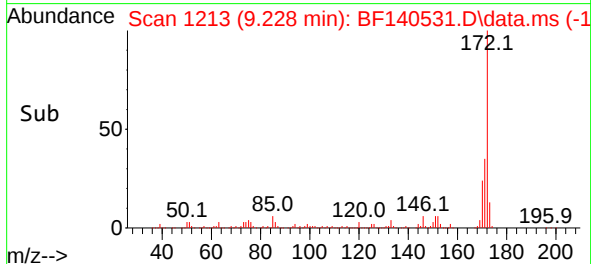
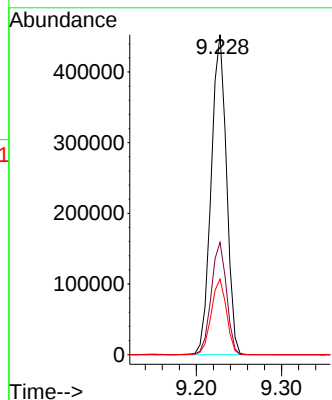
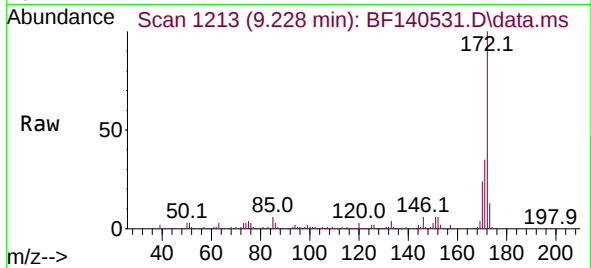
ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 56560
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.0 28.6

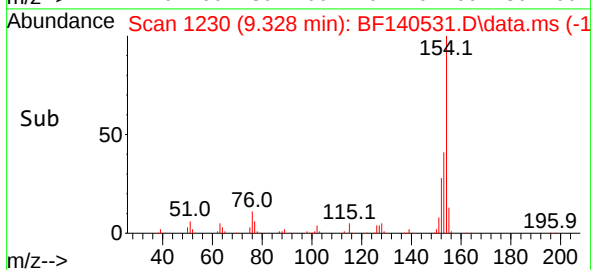
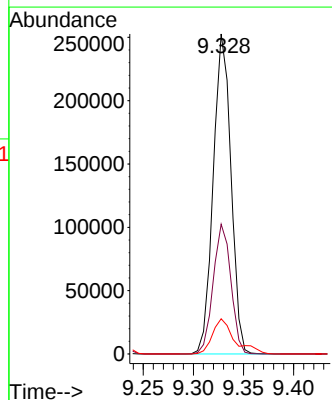
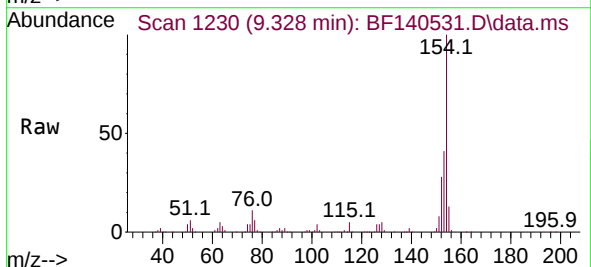
Manual Integrations
APPROVED

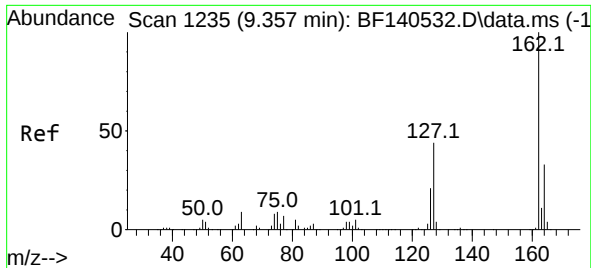
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 20.936 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:154 Resp: 310749
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.0 0.0 31.2





#47
2-Chloronaphthalene
Concen: 20.545 ng
RT: 9.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

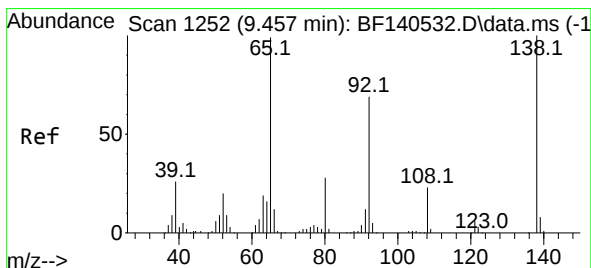
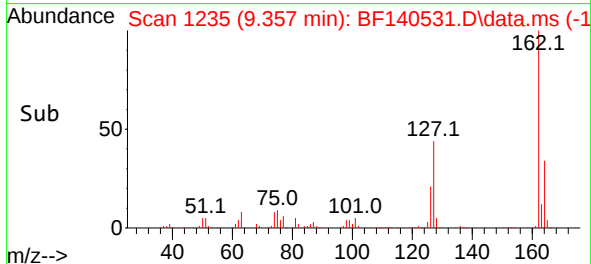
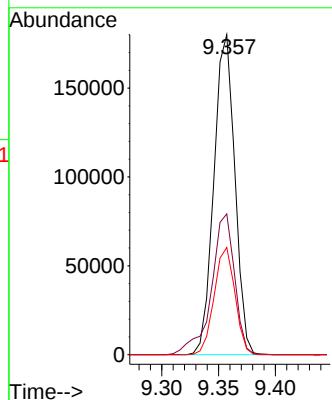
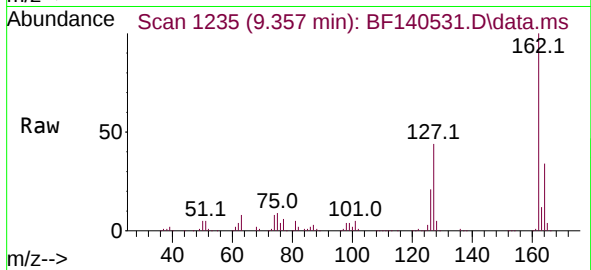
SSTDICC020

Tgt Ion:162 Resp: 23106
Ion Ratio Lower Upper
162 100
127 44.0 35.7 53.5
164 33.5 26.1 39.1

Manual Integrations

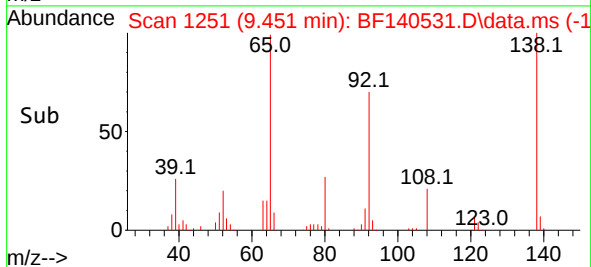
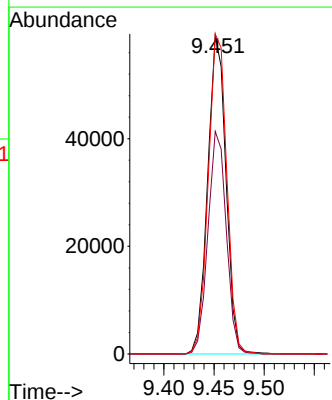
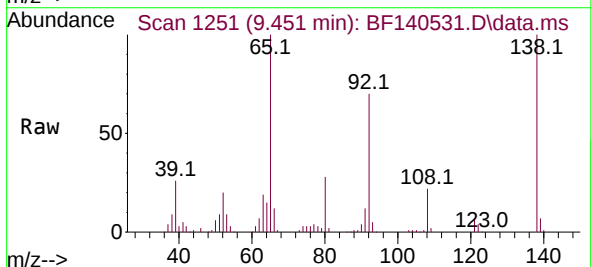
APPROVED

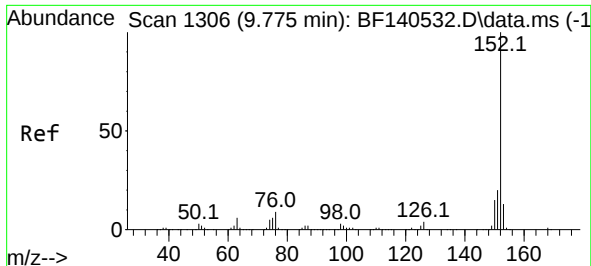
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#48
2-Nitroaniline
Concen: 20.871 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion: 65 Resp: 75343
Ion Ratio Lower Upper
65 100
92 69.8 56.1 84.1
138 100.4 81.0 121.6





#49
Acenaphthylene
Concen: 21.155 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

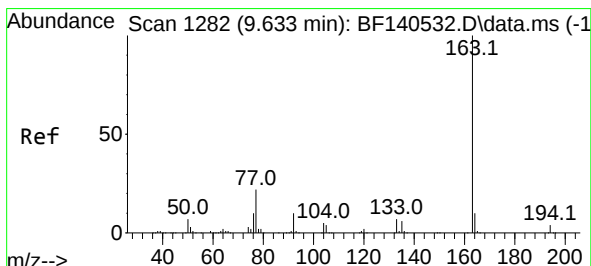
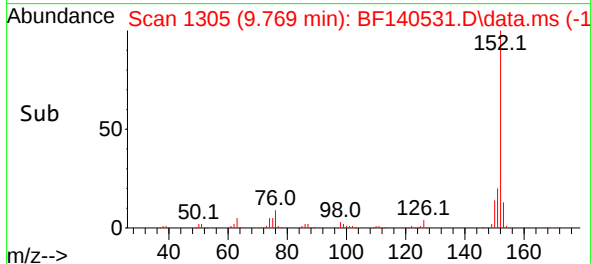
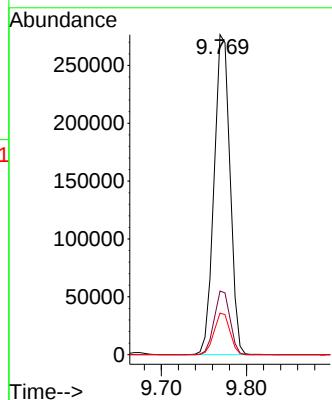
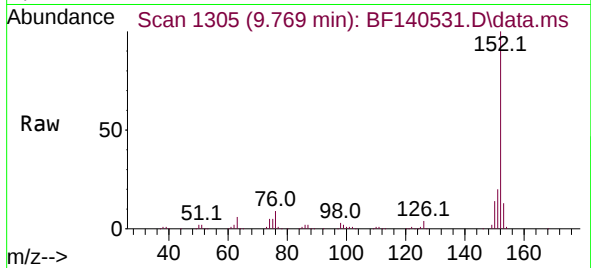
ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 35948
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.6 16.0

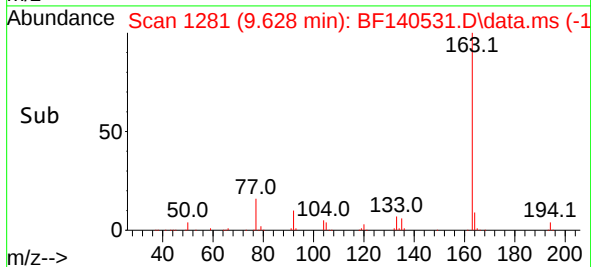
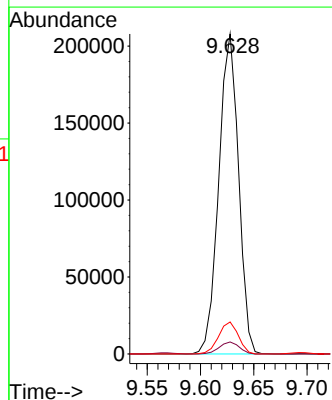
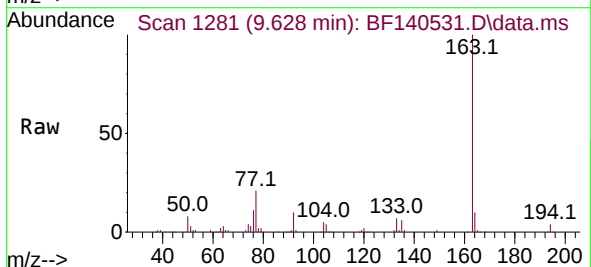
Manual Integrations
APPROVED

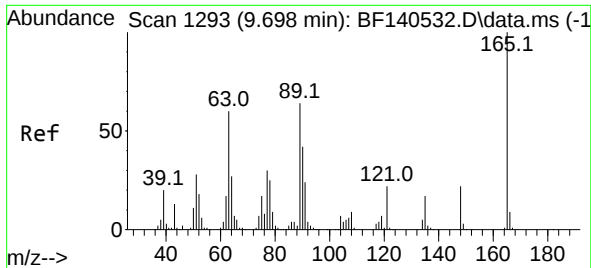
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 20.440 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:163 Resp: 267629
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 20.568 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

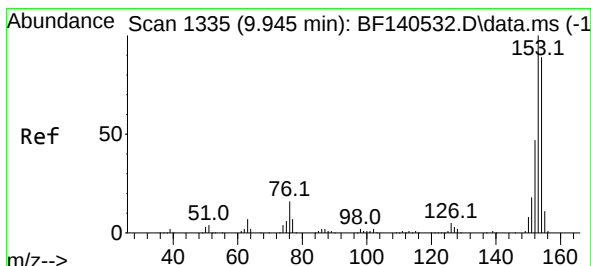
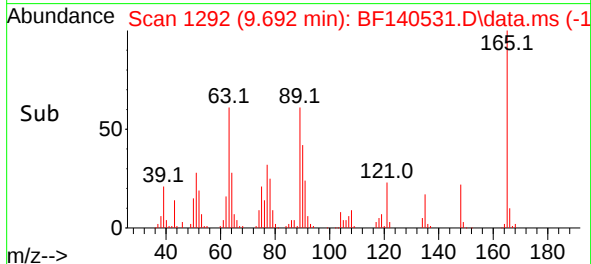
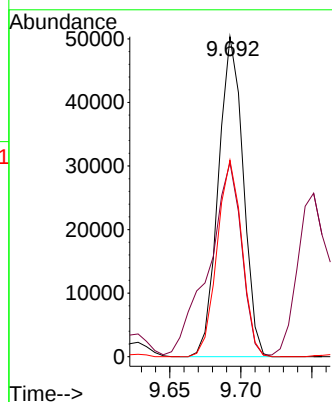
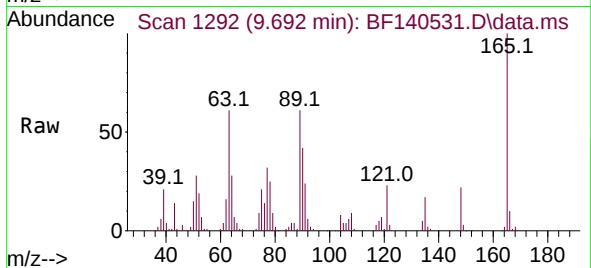
SSTDICC020

Tgt Ion:165 Resp: 61070
Ion Ratio Lower Upper
165 100
63 60.7 49.9 74.9
89 61.4 50.9 76.3

Manual Integrations

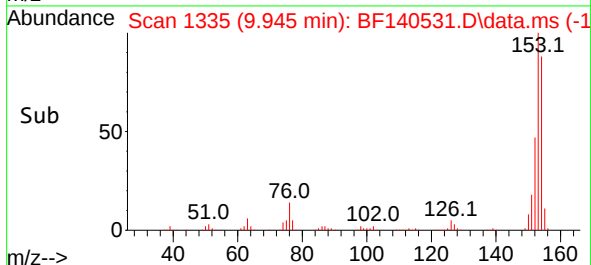
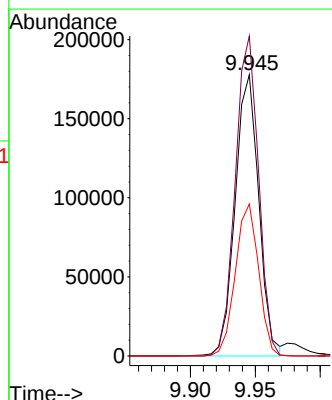
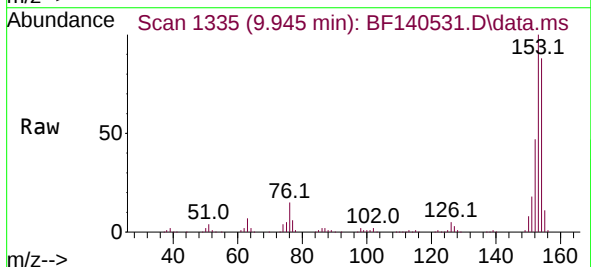
APPROVED

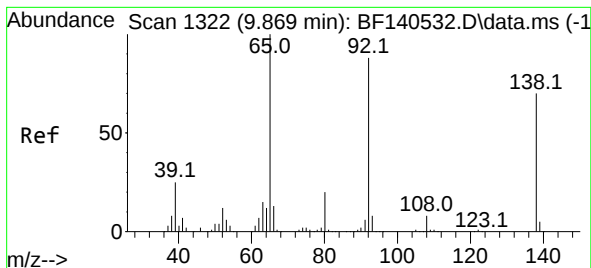
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 20.497 ng m
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:154 Resp: 225540
Ion Ratio Lower Upper
154 100
153 113.8 89.7 134.5
152 54.0 42.5 63.7





#53

3-Nitroaniline

Concen: 21.128 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

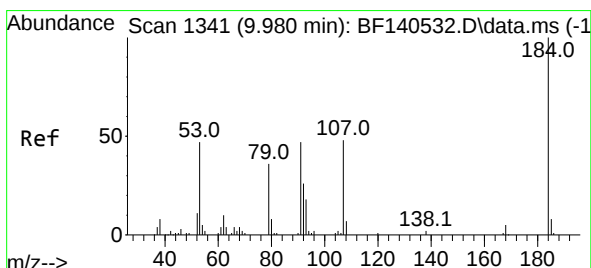
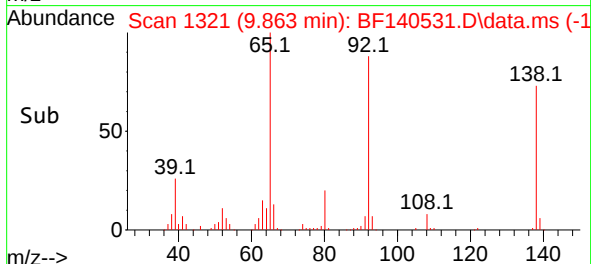
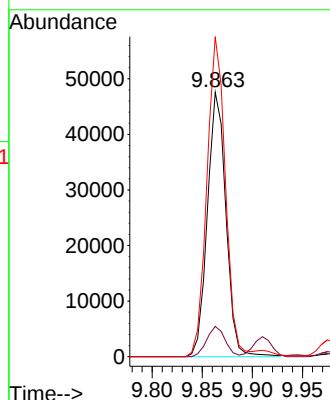
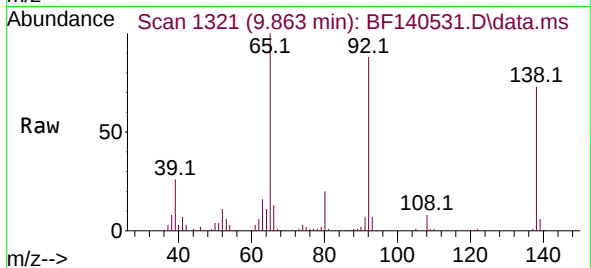
SSTDICC020

Tgt Ion:138 Resp: 61362
 Ion Ratio Lower Upper
 138 100
 108 11.4 9.2 13.8
 92 121.0 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/27/2024



#54

2,4-Dinitrophenol

Concen: 18.164 ng

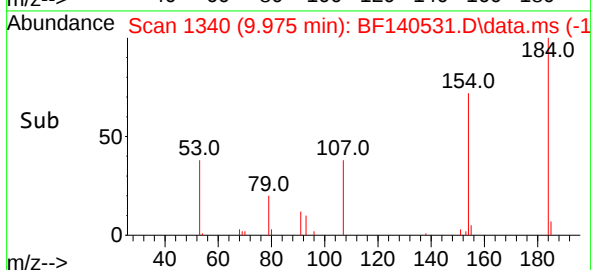
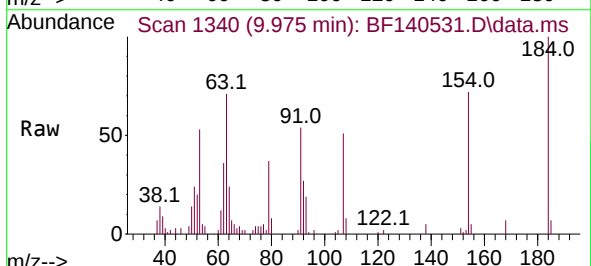
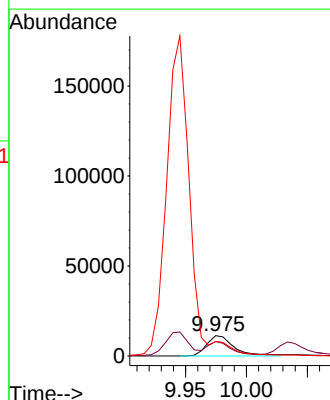
RT: 9.975 min Scan# 1340

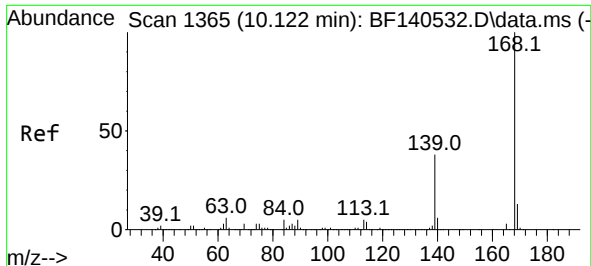
Delta R.T. -0.005 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

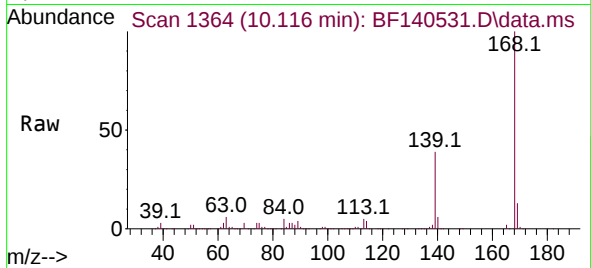
Tgt Ion:184 Resp: 17628
 Ion Ratio Lower Upper
 184 100
 63 71.0 54.1 81.1
 154 71.5 57.4 86.0





#55
Dibenzenofuran
Concen: 20.992 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

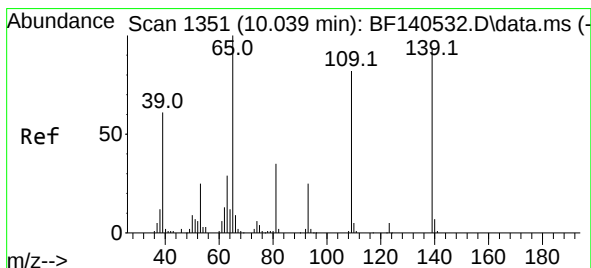
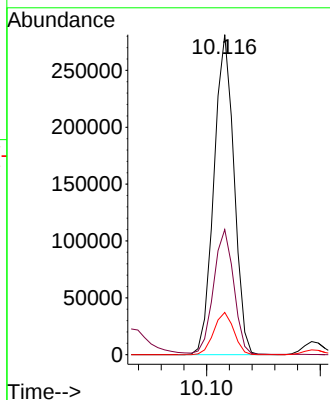
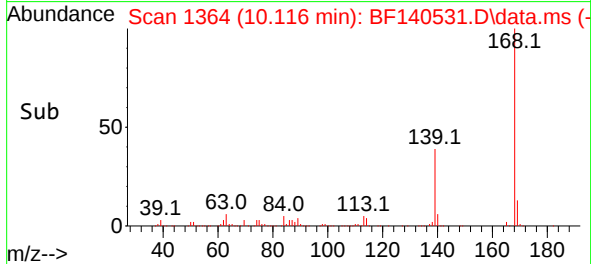
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 345729
Ion Ratio Lower Upper
168 100
139 39.1 31.3 46.9
169 13.2 10.5 15.7

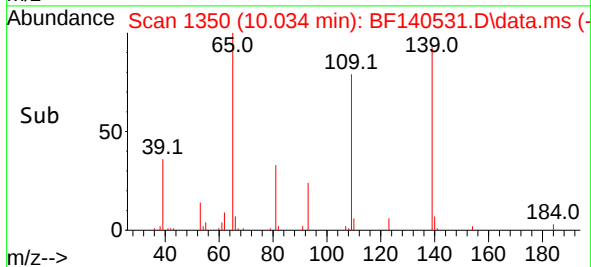
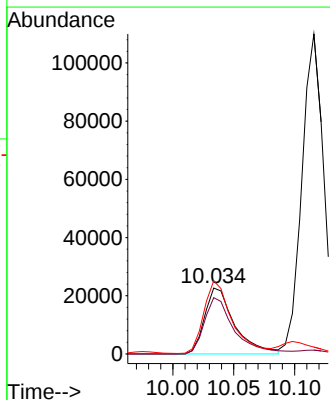
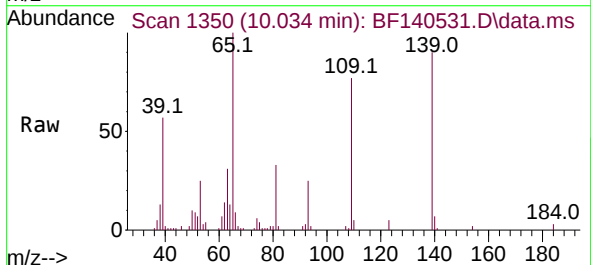
Manual Integrations
APPROVED

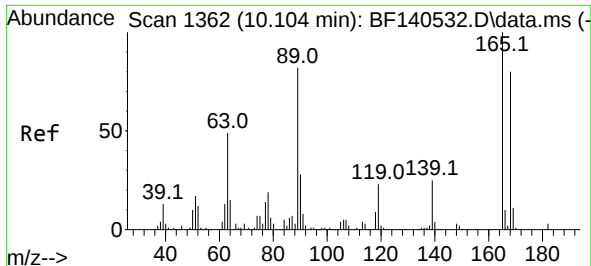
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 19.582 ng
RT: 10.034 min Scan# 1350
Delta R.T. -0.005 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:139 Resp: 38787
Ion Ratio Lower Upper
139 100
109 85.4 68.4 108.4
65 110.9 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 20.957 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

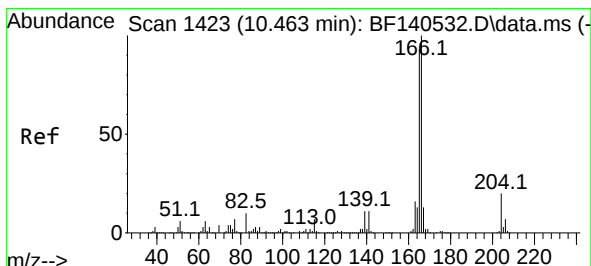
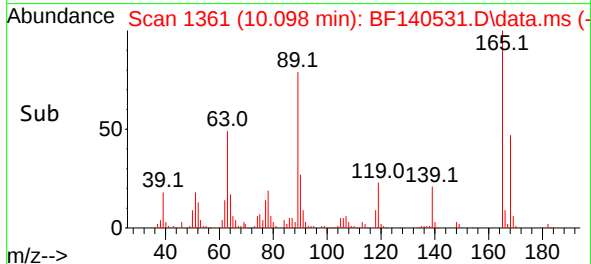
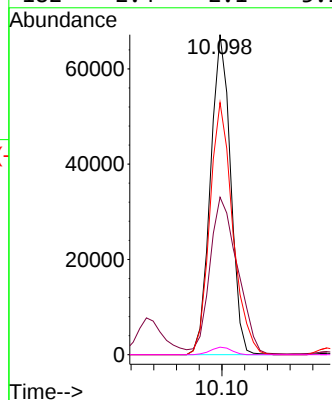
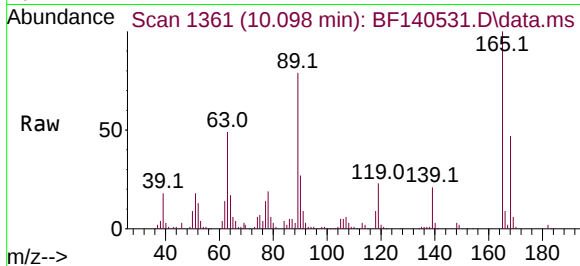
SSTDICC020

Tgt Ion:165 Resp: 82700
Ion Ratio Lower Upper
165 100
63 49.2 41.7 62.5
89 78.8 65.8 98.8
182 2.4 2.1 3.1

Manual Integrations

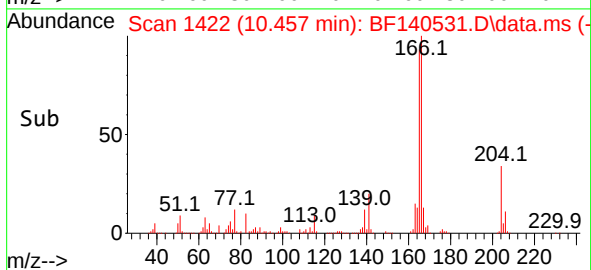
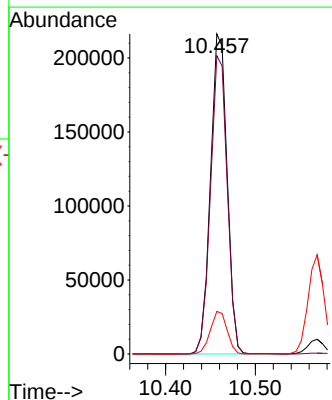
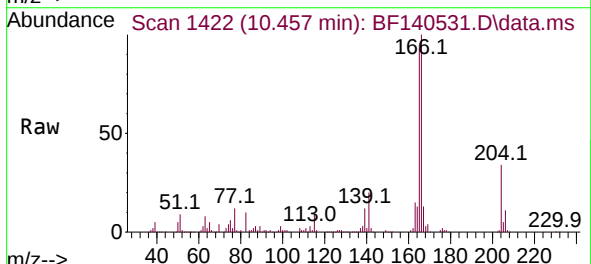
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 21.038 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

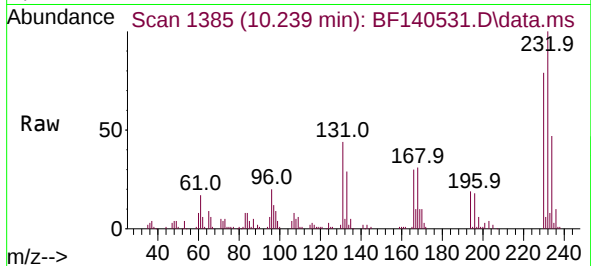
Tgt Ion:166 Resp: 278115
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.072 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

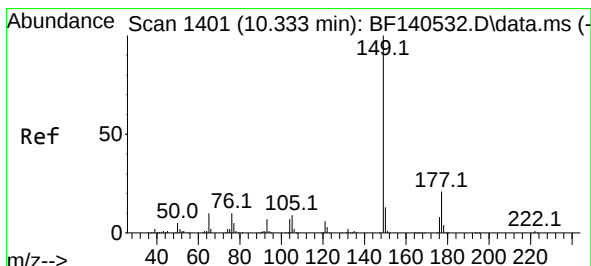
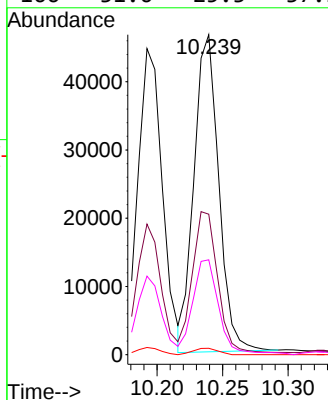
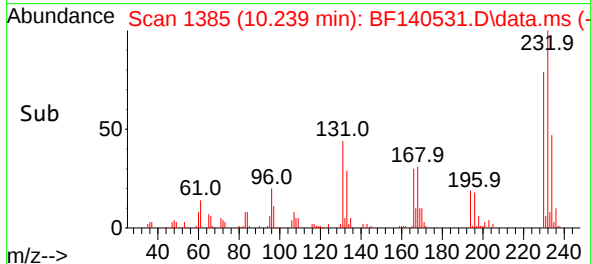
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 6114
Ion Ratio Lower Upper
232 100
131 47.5 39.6 59.4
130 2.0 1.9 2.9
166 31.6 25.3 37.9

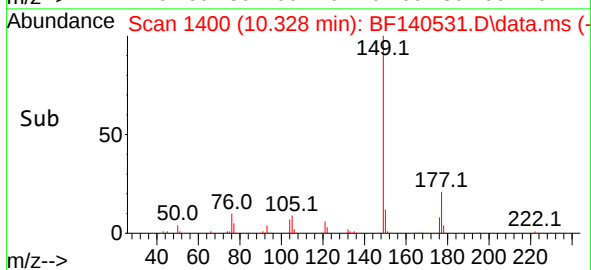
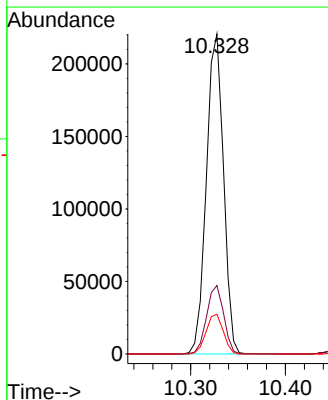
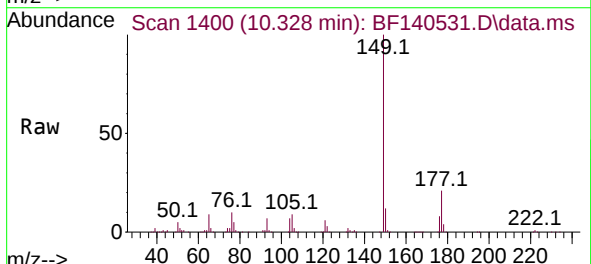
Manual Integrations
APPROVED

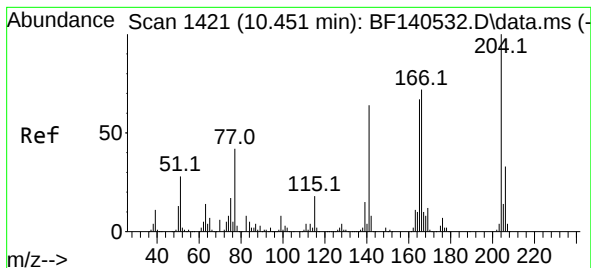
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 20.812 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

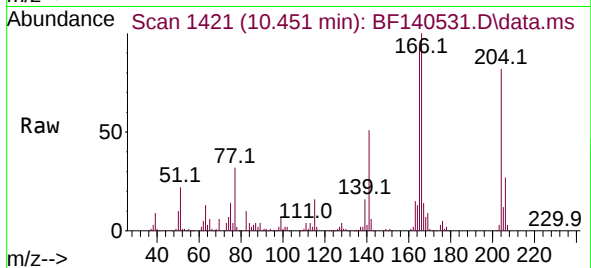
Tgt Ion:149 Resp: 276859
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 20.992 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

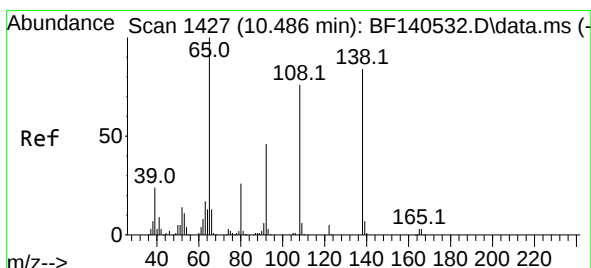
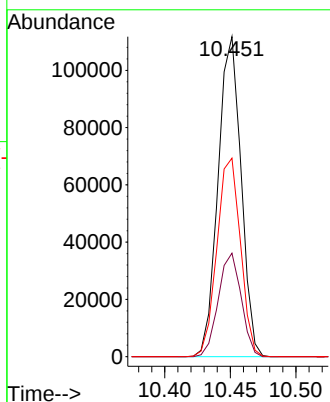
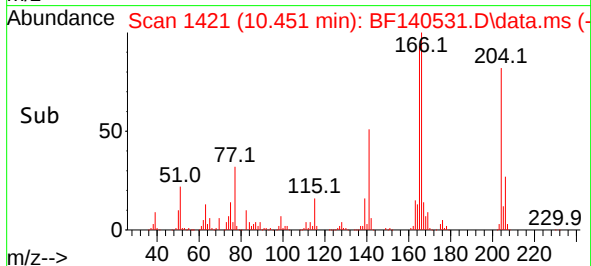
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:204 Resp: 136189
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.0 51.1 76.7

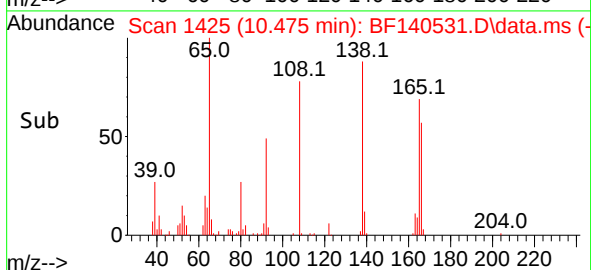
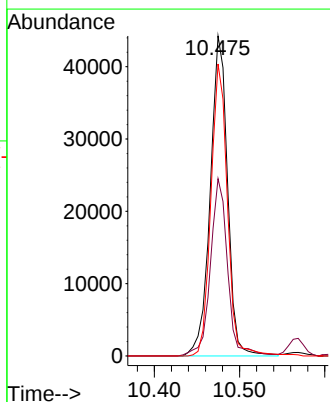
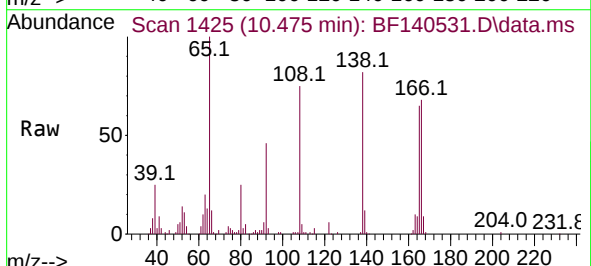
Manual Integrations
APPROVED

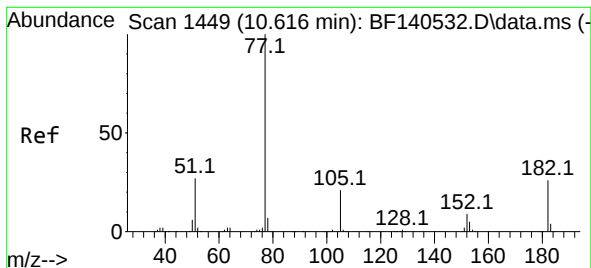
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 20.555 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:138 Resp: 62610
Ion Ratio Lower Upper
138 100
92 55.4 34.5 74.5
108 91.2 70.6 110.6





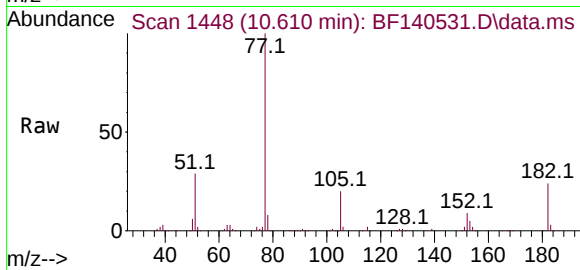
#63
Azobenzene
Concen: 20.833 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



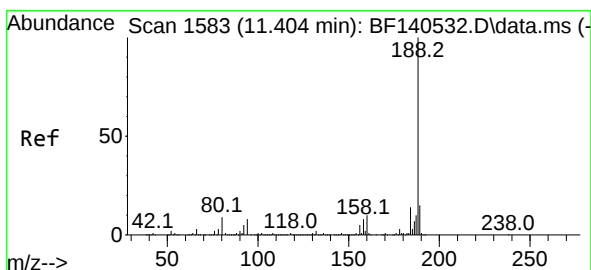
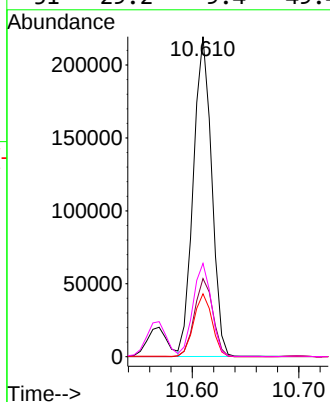
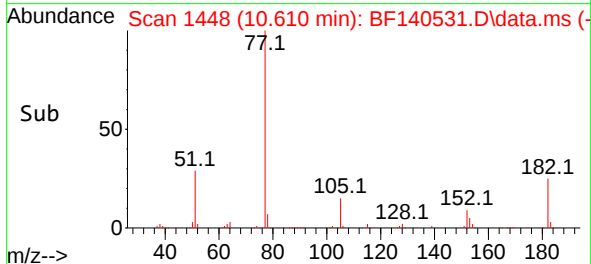
Tgt Ion: 77 Resp: 262444
Ion Ratio Lower Upper
77 100
182 24.4 5.3 45.3
105 19.7 0.3 40.3
51 29.2 9.4 49.4

Manual Integrations

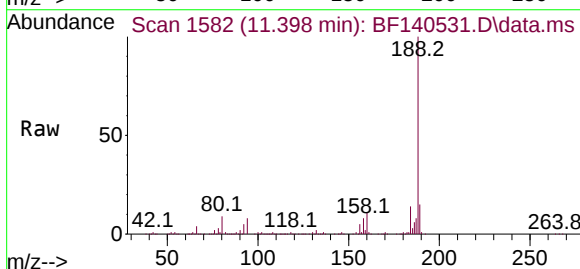
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

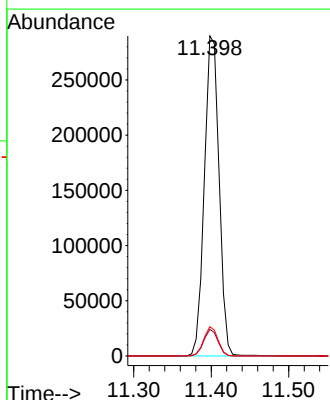
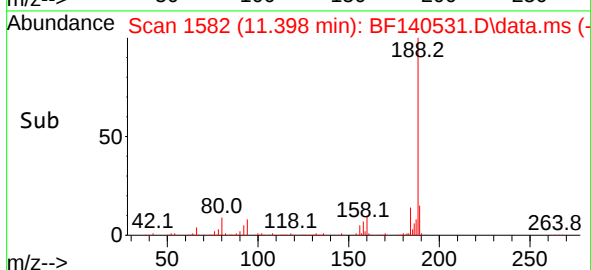
Supervised By :mohammad ahmed 11/27/2024

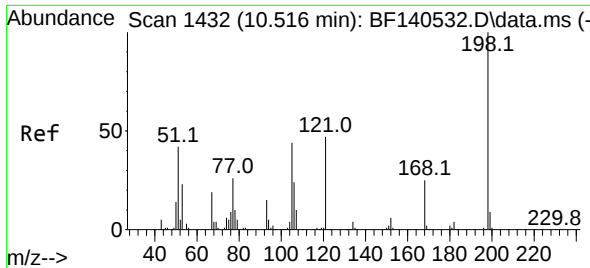


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



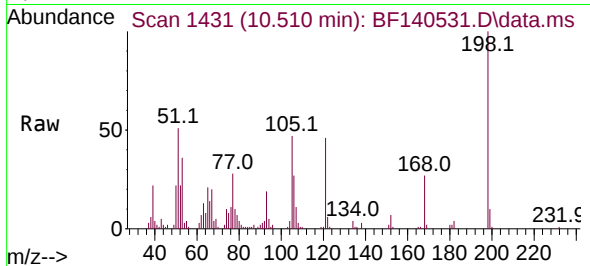
Tgt Ion:188 Resp: 382041
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.1 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 17.627 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

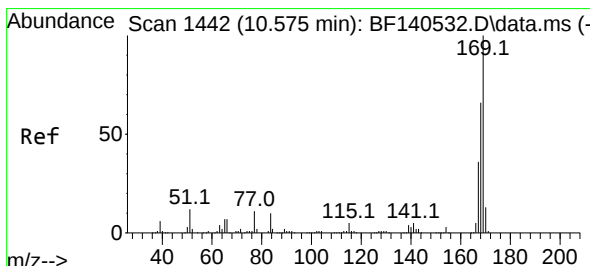
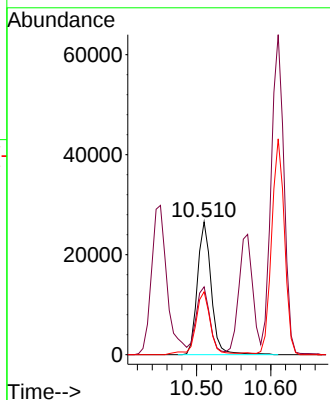
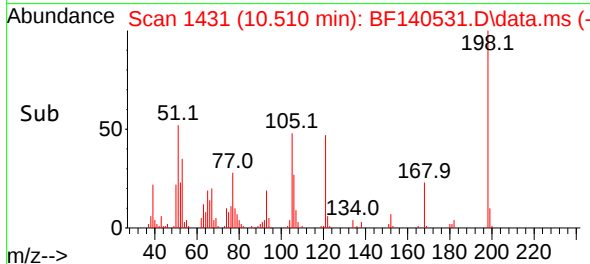
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 34412
Ion Ratio Lower Upper
198 100
51 51.1 29.4 69.4
105 47.4 25.4 65.4

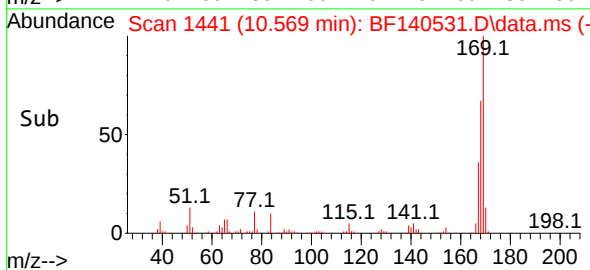
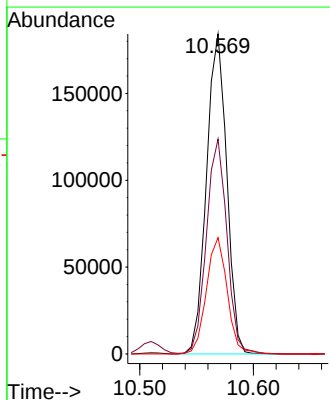
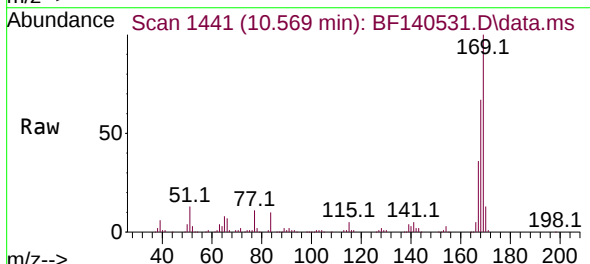
Manual Integrations
APPROVED

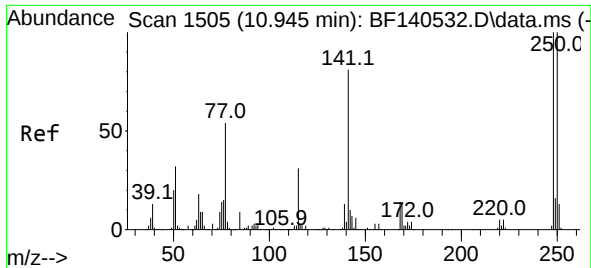
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 20.187 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:169 Resp: 228075
Ion Ratio Lower Upper
169 100
168 67.1 53.2 79.8
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 20.044 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

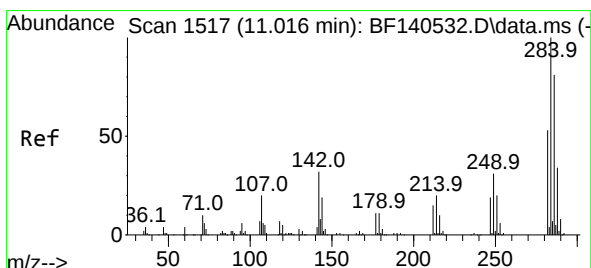
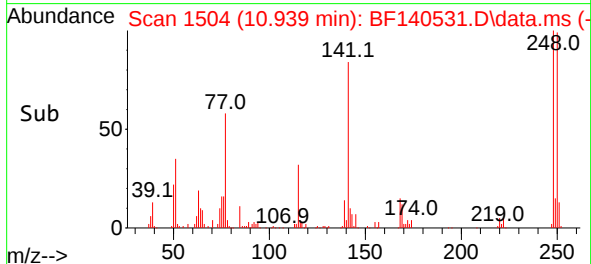
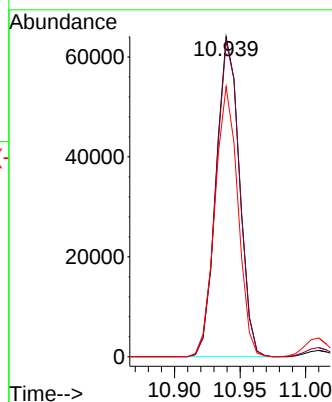
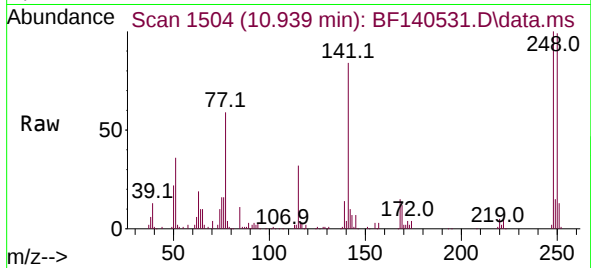
SSTDICC020

Tgt Ion:248 Resp: 7886
Ion Ratio Lower Upper
248 100
250 98.7 79.8 119.8
141 84.4 64.7 97.1

Manual Integrations

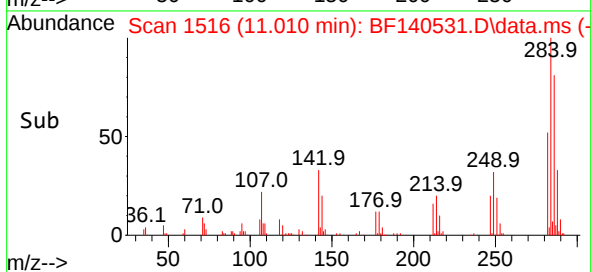
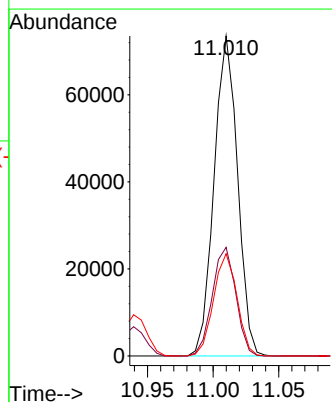
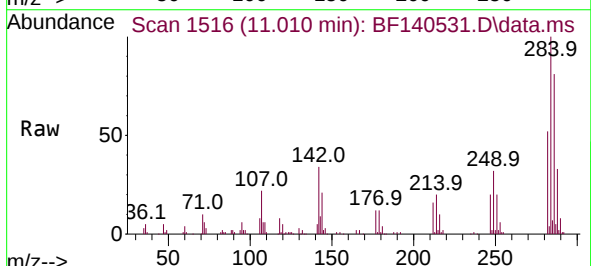
APPROVED

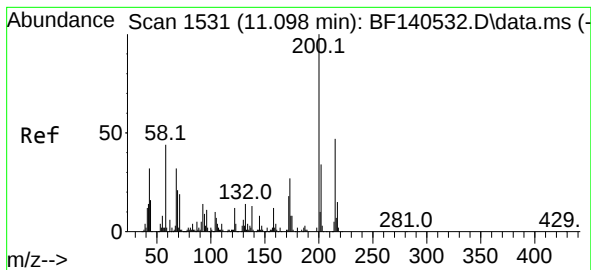
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 20.055 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:284 Resp: 91363
Ion Ratio Lower Upper
284 100
142 34.0 25.3 37.9
249 31.9 24.8 37.2





#69

Atrazine

Concen: 15.754 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 50070

Ion Ratio Lower Upper

200 100

173 25.9 7.0 47.0

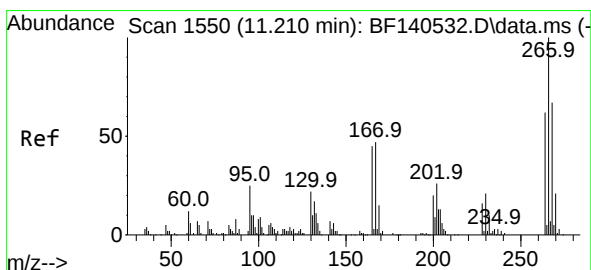
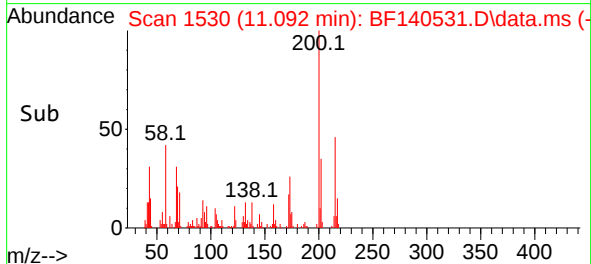
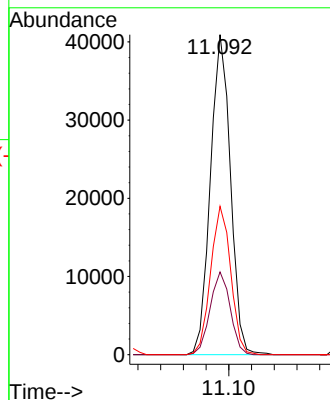
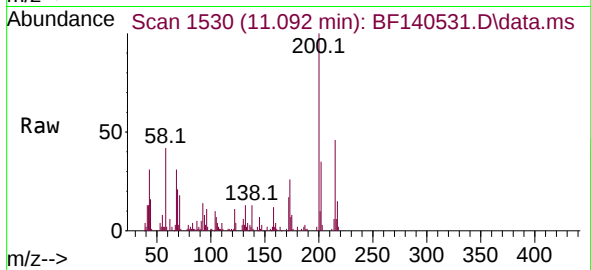
215 46.3 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 17.111 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

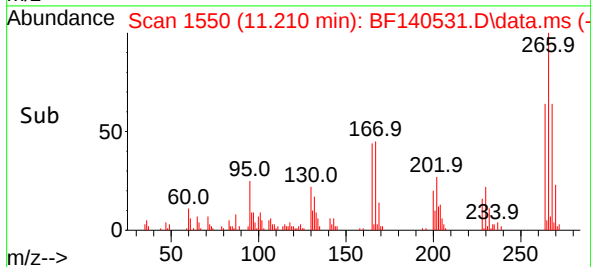
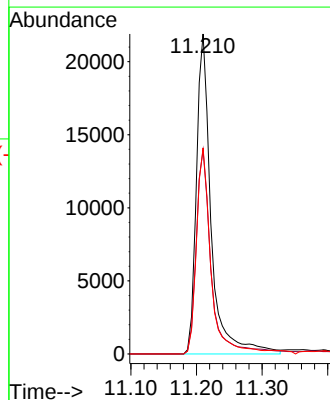
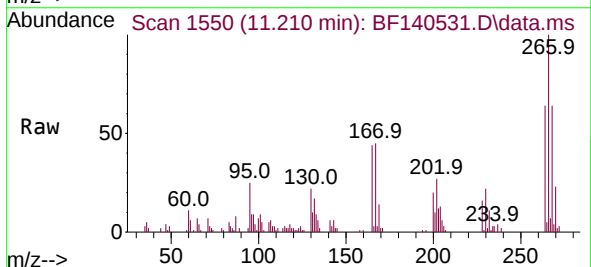
Tgt Ion:266 Resp: 34309

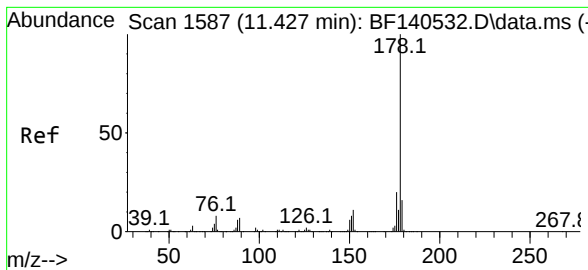
Ion Ratio Lower Upper

266 100

268 63.8 53.7 80.5

264 64.4 49.8 74.8





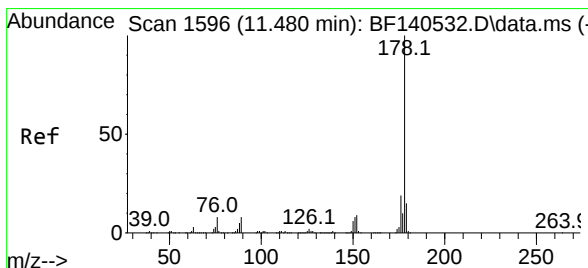
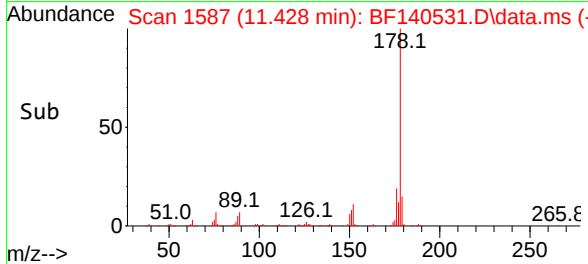
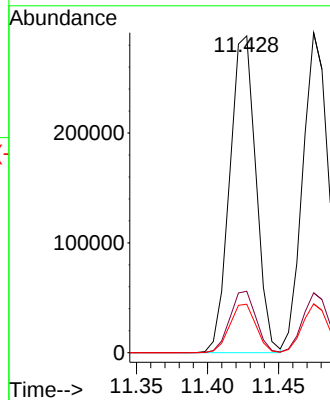
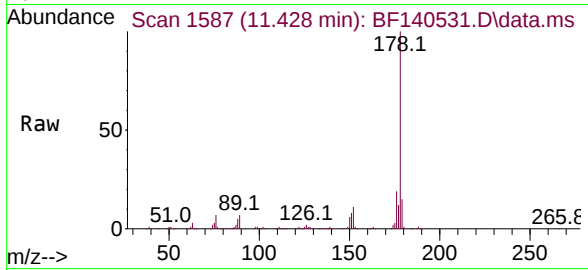
#71
Phenanthrene
Concen: 20.171 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 370424
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.3 12.4 18.6

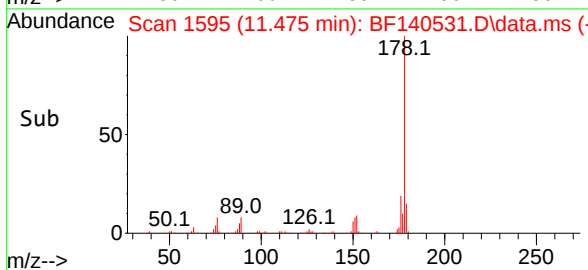
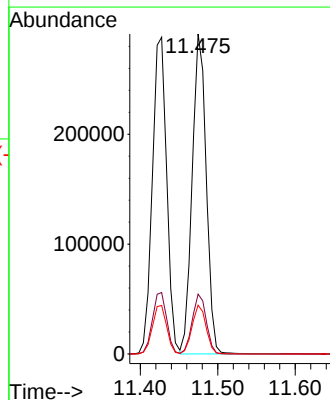
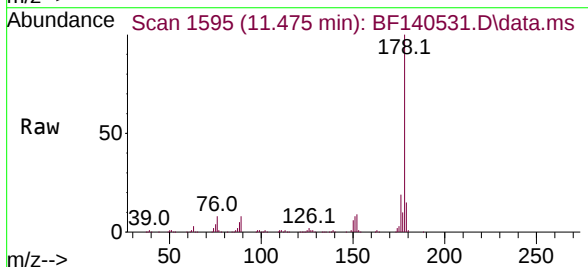
Manual Integrations
APPROVED

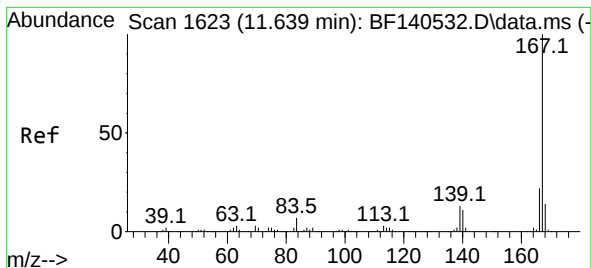
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 20.383 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:178 Resp: 366152
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.2 12.2 18.4





#73

Carbazole

Concen: 20.567 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140531.D

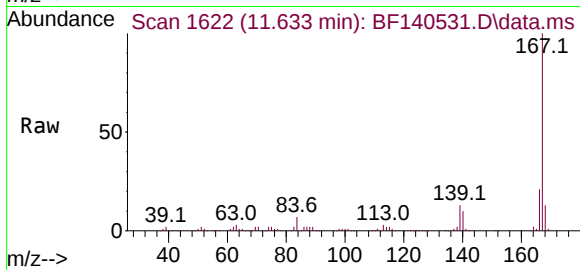
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:167 Resp: 35542

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

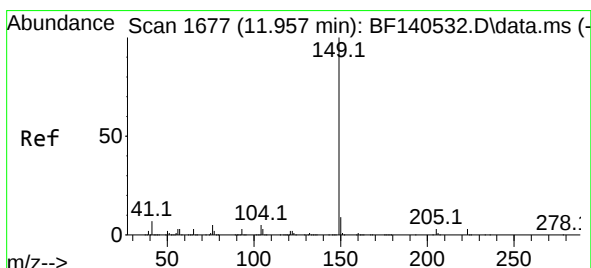
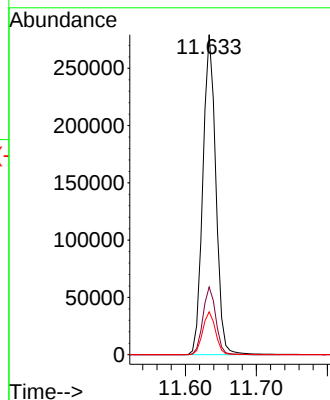
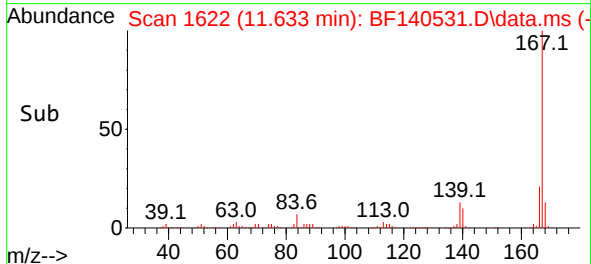
139 13.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#74

Di-n-butylphthalate

Concen: 20.566 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

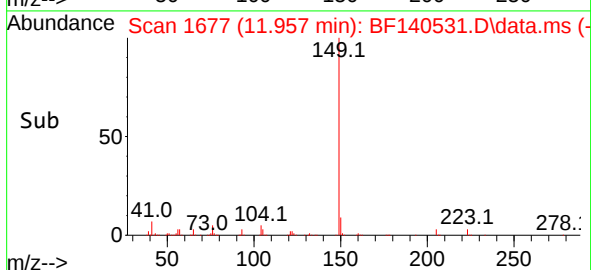
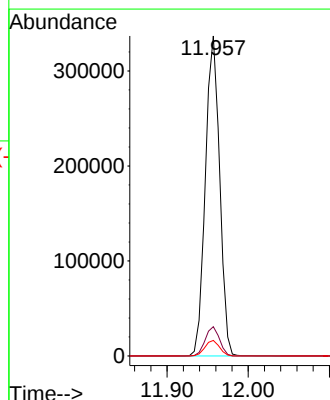
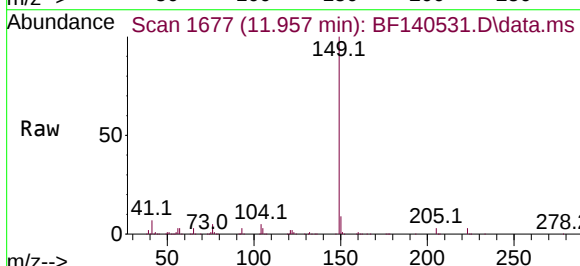
Tgt Ion:149 Resp: 410317

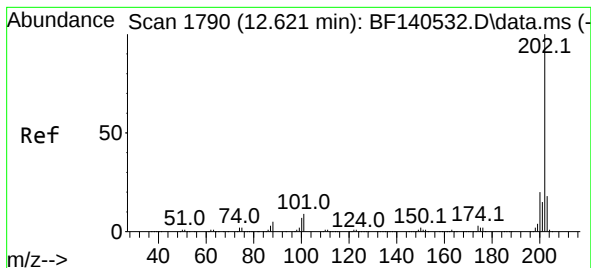
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 21.335 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

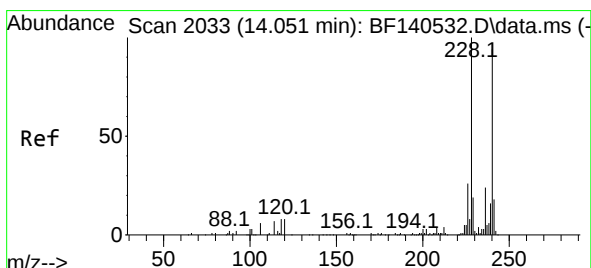
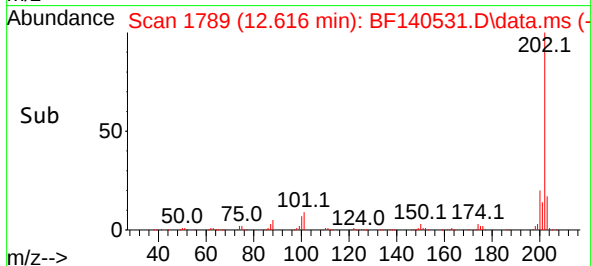
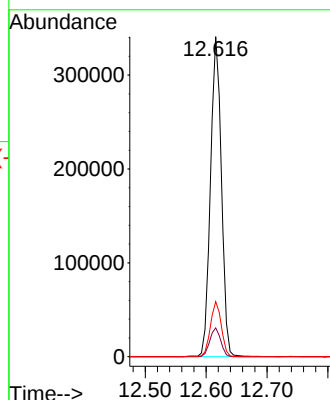
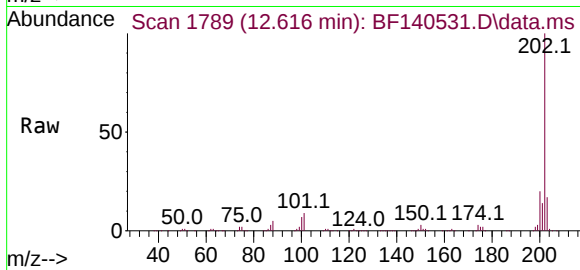
Tgt Ion:	202	Resp:	42540
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	28.9
203	17.2	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

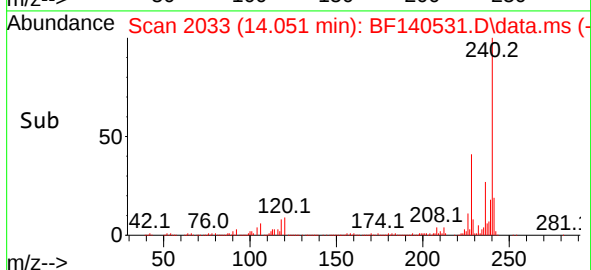
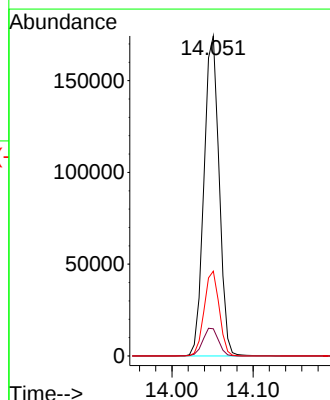
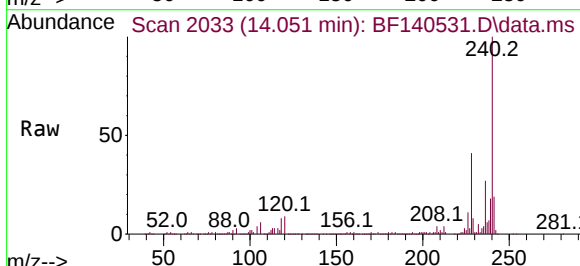
RT: 14.051 min Scan# 2033

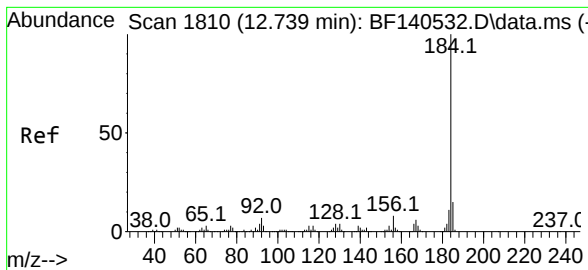
Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

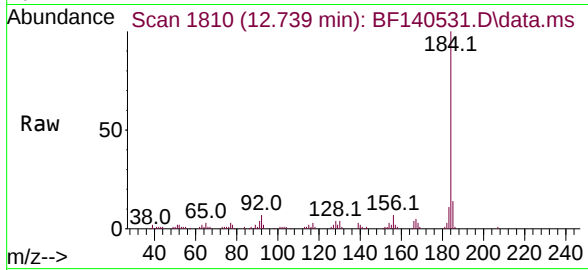
Tgt Ion:	240	Resp:	225903
Ion Ratio	Lower	Upper	
240	100		
120	8.5	7.3	10.9
236	26.5	20.6	31.0





#77
Benzidine
Concen: 10.185 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

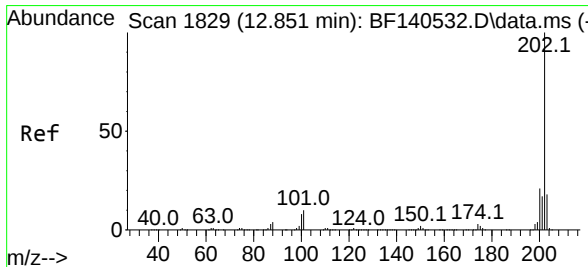
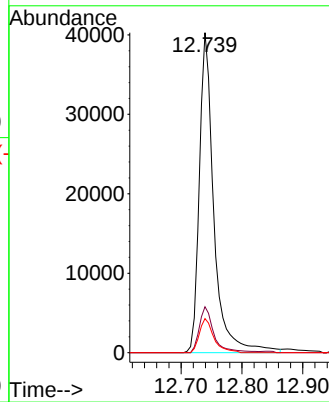
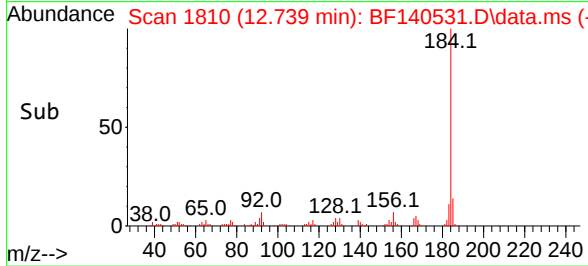
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



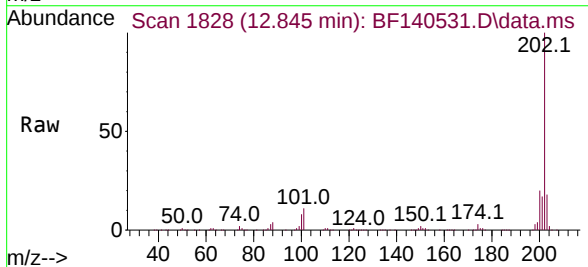
Tgt Ion:184 Resp: 6689
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.6 8.8 13.2

Manual Integrations
APPROVED

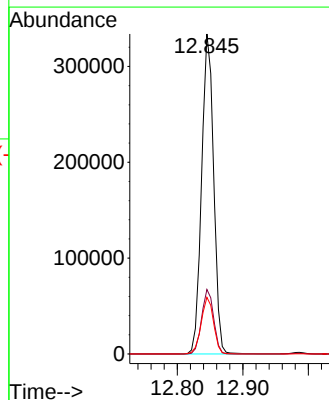
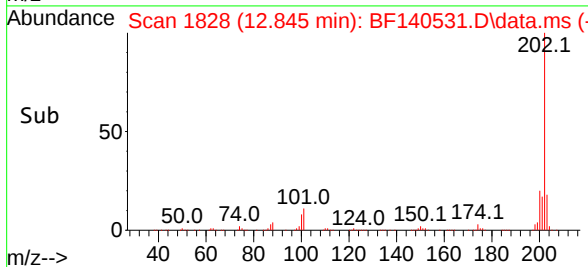
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

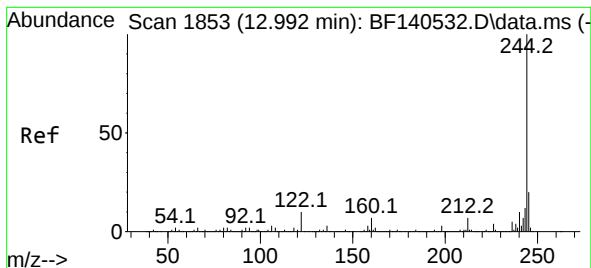


#78
Pyrene
Concen: 20.514 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:202 Resp: 428479
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 40.721 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140531.D

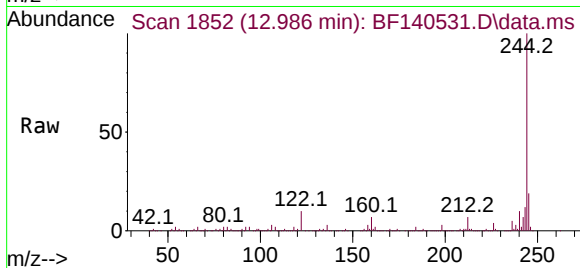
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



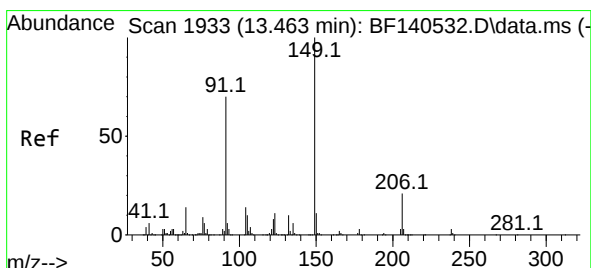
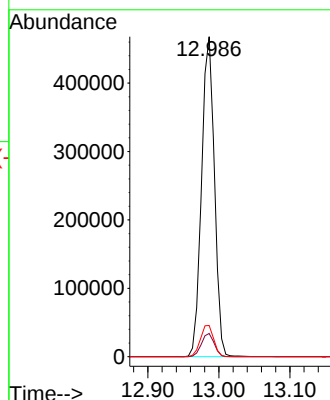
Tgt Ion:	244	Resp:	590775
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	9.7	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 20.835 ng

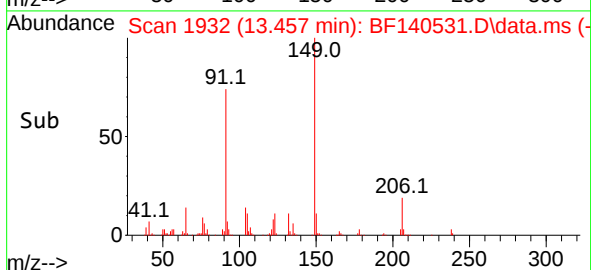
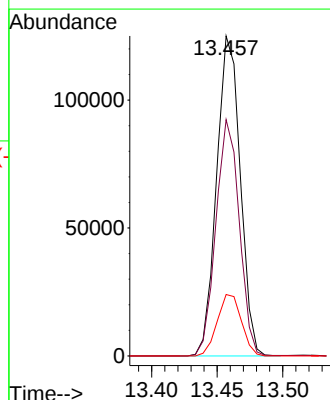
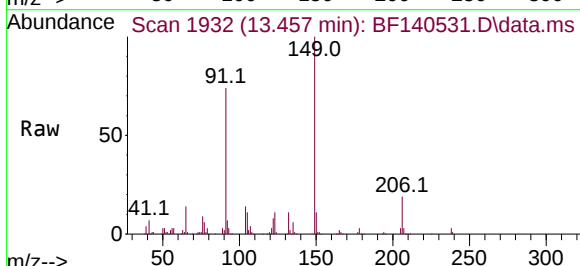
RT: 13.457 min Scan# 1932

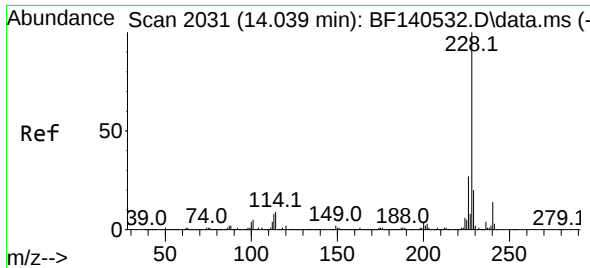
Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Tgt Ion:	149	Resp:	156775
Ion Ratio	Lower	Upper	
149	100		
91	73.8	56.2	84.2
206	19.2	16.4	24.6





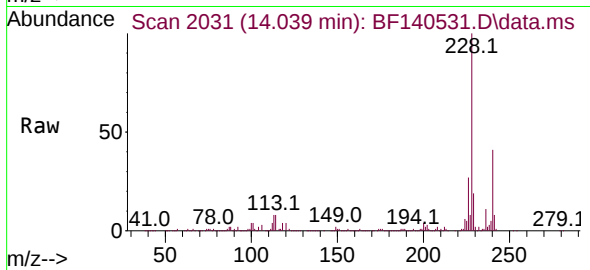
#81
Benzo(a)anthracene
Concen: 20.825 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

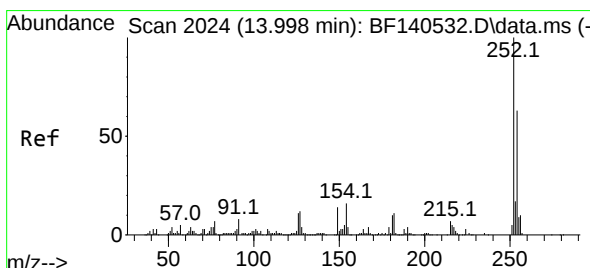
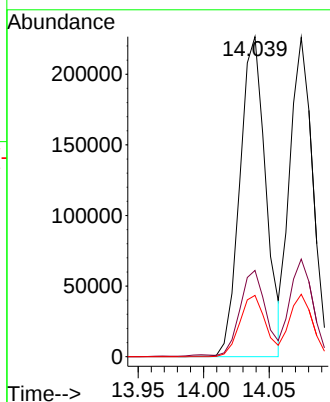
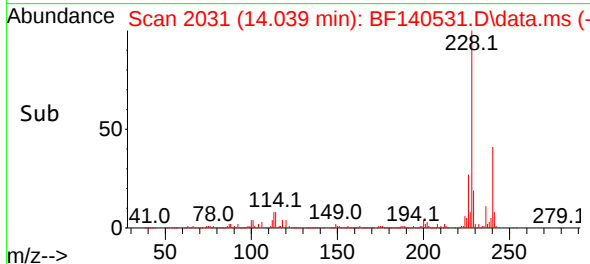


Tgt Ion:228 Resp: 311410
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.2 15.8 23.6

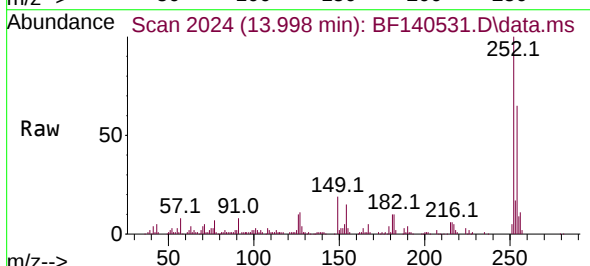
Manual Integrations

APPROVED

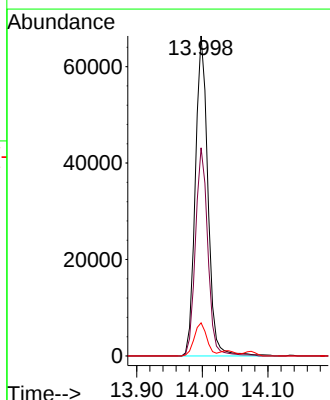
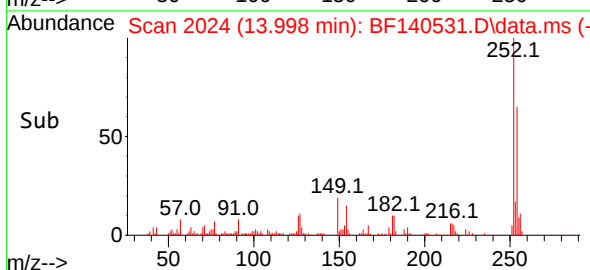
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 19.791 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:252 Resp: 88858
Ion Ratio Lower Upper
252 100
254 65.0 50.8 76.2
126 10.4 8.6 13.0





#83

Chrysene

Concen: 20.117 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 275068

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

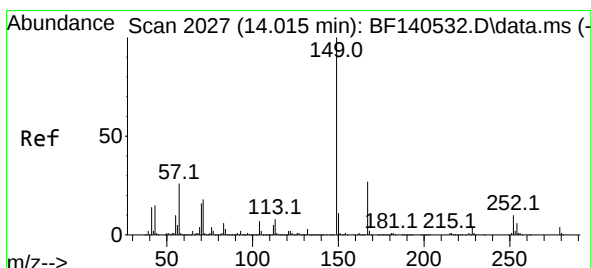
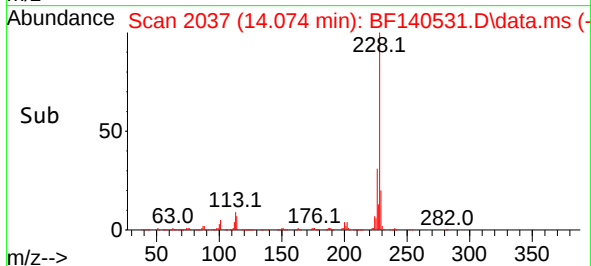
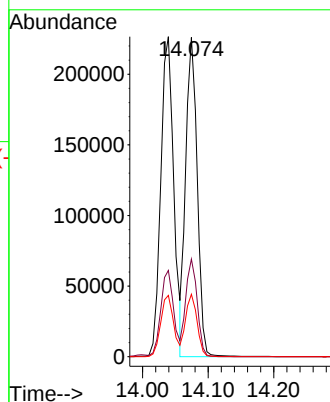
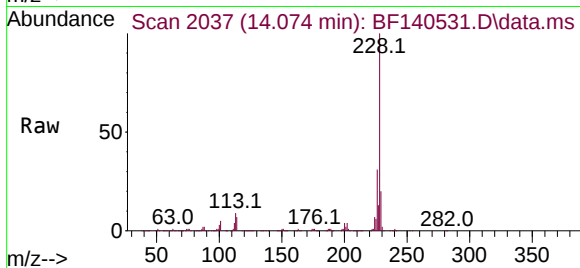
229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.484 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140531.D

Acq: 21 Nov 2024 12:32

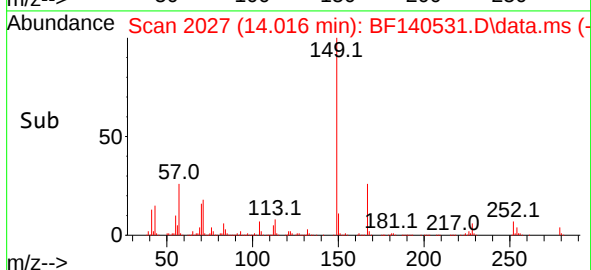
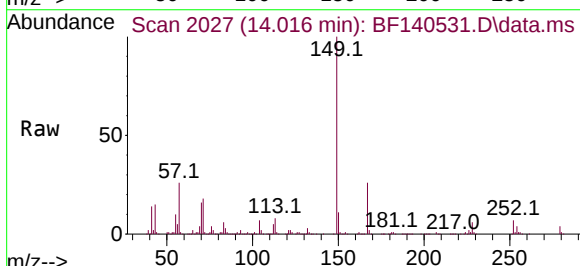
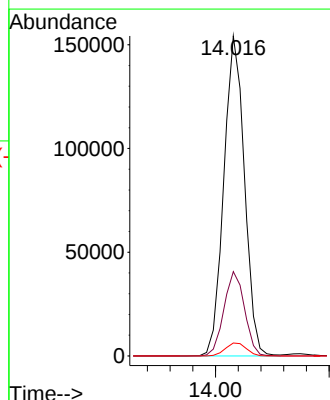
Tgt Ion:149 Resp: 194626

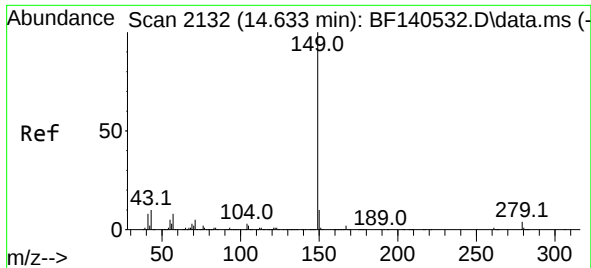
Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

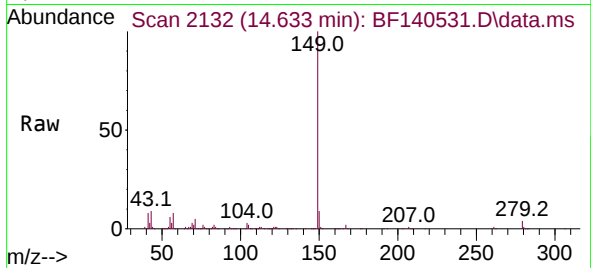
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 19.953 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

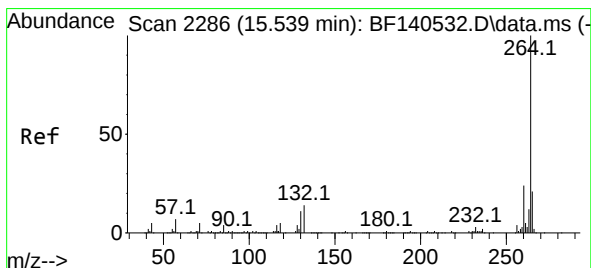
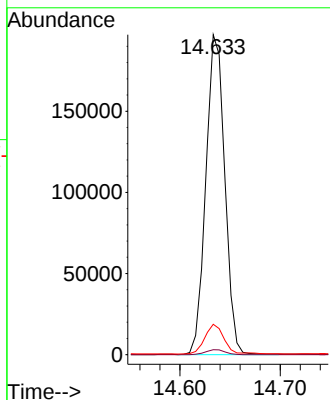
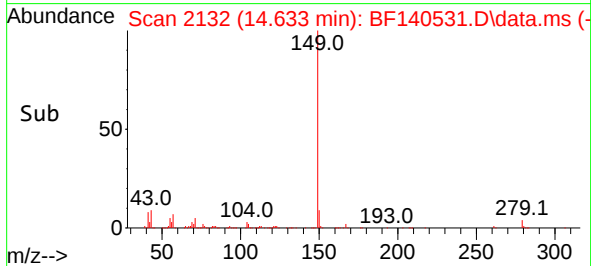
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 259088
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 7.7 11.5

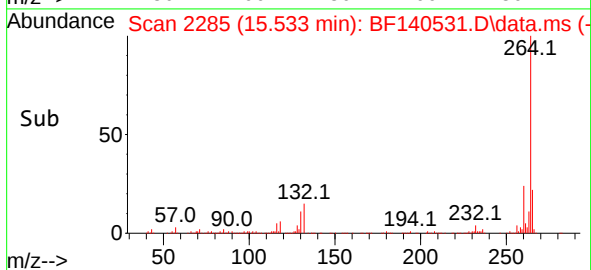
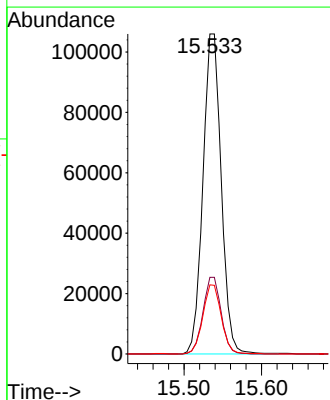
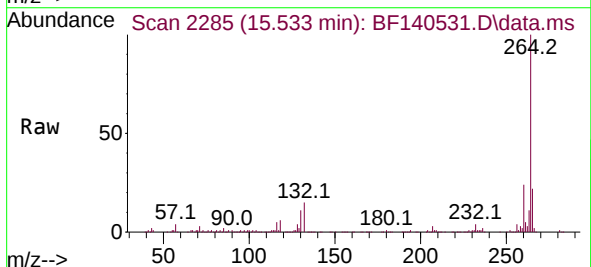
Manual Integrations
APPROVED

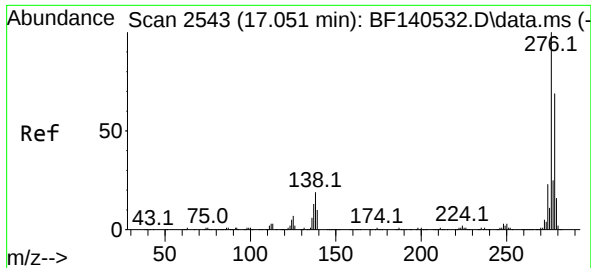
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:264 Resp: 173612
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.6 16.6 25.0





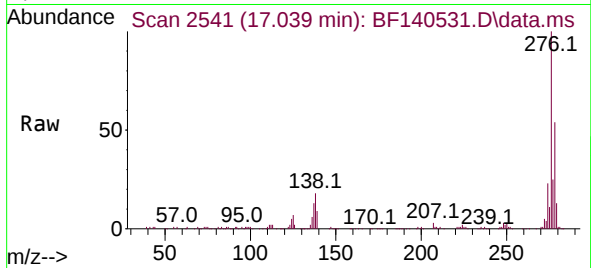
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.930 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



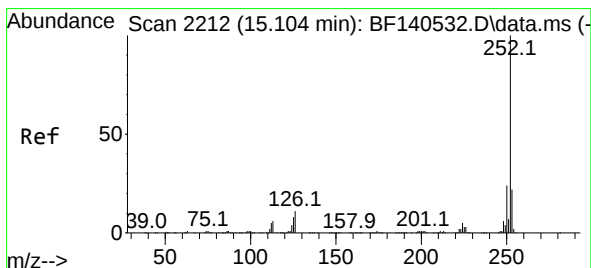
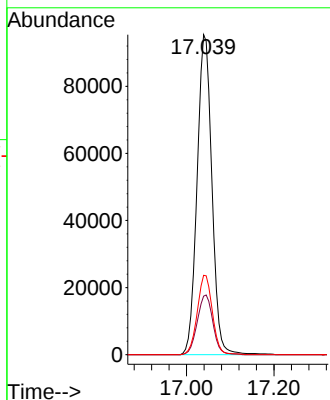
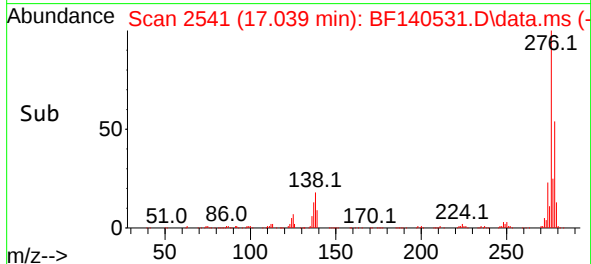
Tgt Ion:276 Resp: 225489
Ion Ratio Lower Upper
276 100
138 19.6 15.5 23.3
277 25.2 20.1 30.1

Manual Integrations

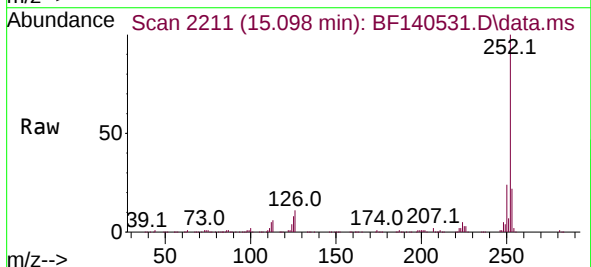
APPROVED

Reviewed By :Yogesh Patel 11/22/2024

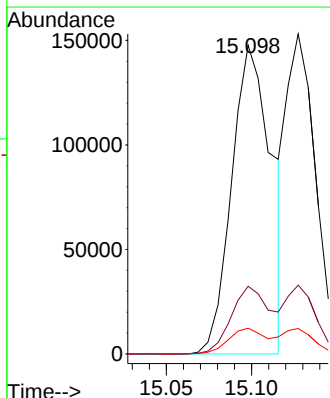
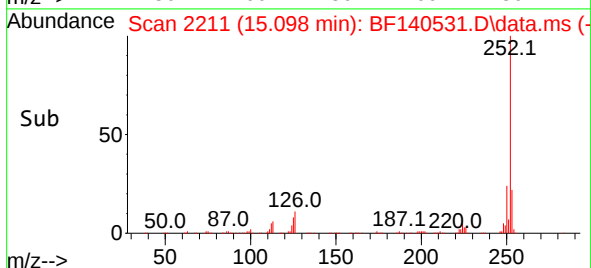
Supervised By :mohammad ahmed 11/27/2024

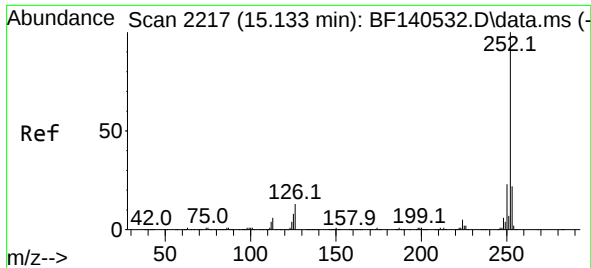


#88
Benzo(b)fluoranthene
Concen: 21.977 ng
RT: 15.098 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32



Tgt Ion:252 Resp: 239653
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.4 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 19.261 ng
RT: 15.127 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :

BNA_F

ClientSampleId :

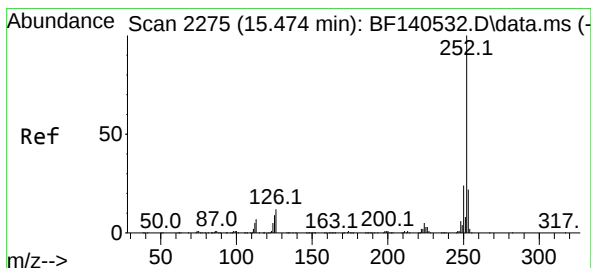
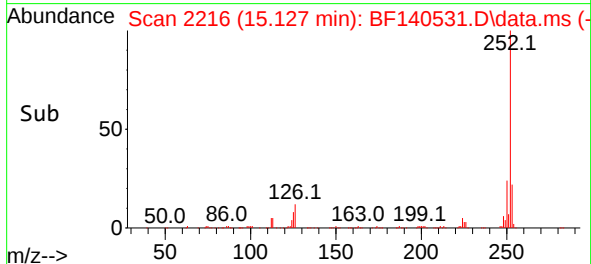
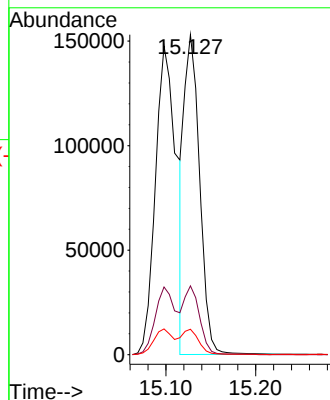
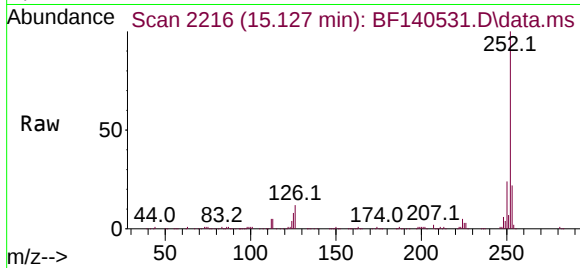
SSTDICC020

Tgt Ion:252 Resp: 183799
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.0 6.5 9.7

Manual Integrations

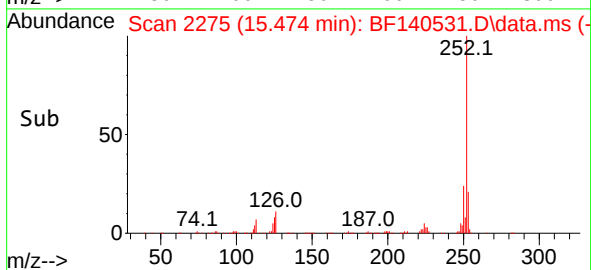
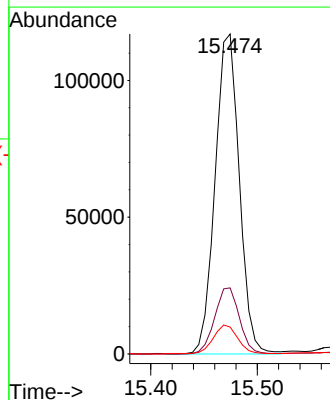
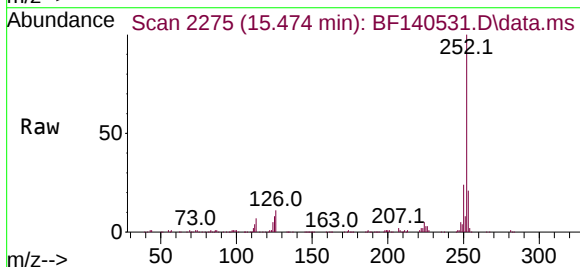
APPROVED

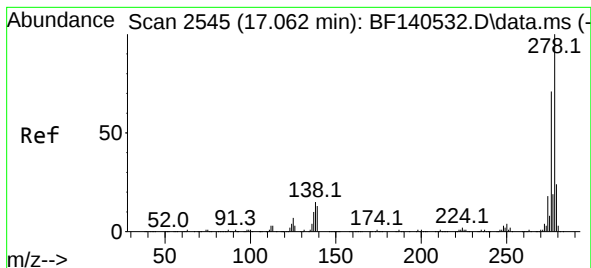
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 20.812 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:252 Resp: 184528
Ion Ratio Lower Upper
252 100
253 20.7 17.3 25.9
125 8.4 7.0 10.6





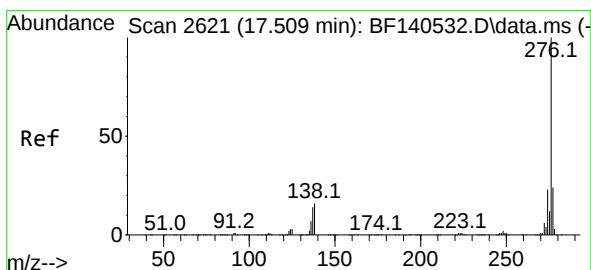
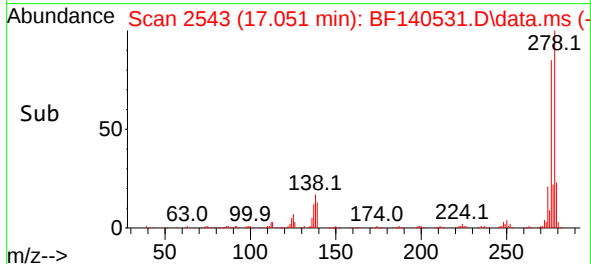
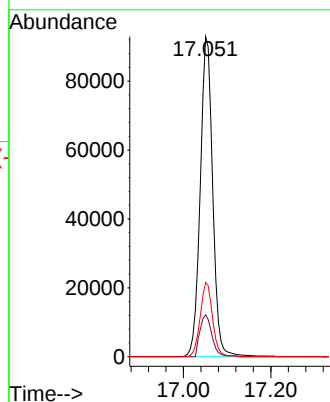
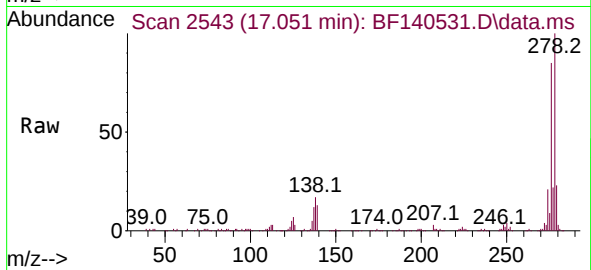
#91
Dibenzo(a,h)anthracene
Concen: 19.926 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 184632
Ion Ratio Lower Upper
278 100
139 13.1 10.2 15.4
279 23.2 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 19.795 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.018 min
Lab File: BF140531.D
Acq: 21 Nov 2024 12:32

Tgt Ion:276 Resp: 187164
Ion Ratio Lower Upper
276 100
277 22.5 18.9 28.3
138 17.0 13.2 19.8

