

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140959.D
 Acq On : 20 Dec 2024 19:24
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:00:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	66227	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	248513	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	146137	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	291861	20.000	ng	0.00
76) Chrysene-d12	14.027	240	207326	20.000	ng	0.00
86) Perylene-d12	15.516	264	184556	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	318577	79.188	ng	0.00
7) Phenol-d6	6.504	99	421997	79.195	ng	0.00
23) Nitrobenzene-d5	7.422	82	386452	77.801	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	135717	78.522	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	811564	76.352	ng	0.00
79) Terphenyl-d14	12.957	244	1001326	76.158	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	65032	37.529	ng	98
3) Pyridine	3.387	79	154925	38.605	ng	97
4) n-Nitrosodimethylamine	3.346	42	74446	36.798	ng	95
6) Aniline	6.522	93	175414	38.501	ng	98
8) 2-Chlorophenol	6.646	128	177168	40.383	ng	99
9) Benzaldehyde	6.410	77	118899	40.271	ng	98
10) Phenol	6.516	94	218889	39.635	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	157329	38.200	ng	99
12) 1,3-Dichlorobenzene	6.787	146	195796	39.166	ng	98
13) 1,4-Dichlorobenzene	6.869	146	199400	39.295	ng	99
14) 1,2-Dichlorobenzene	7.022	146	186168	38.884	ng	99
15) Benzyl Alcohol	7.004	79	149510	39.242	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	174534	35.973	ng	80
17) 2-Methylphenol	7.122	107	141105	40.286	ng	98
18) Hexachloroethane	7.351	117	71272	37.728	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	121188	37.915	ng	98
20) 3+4-Methylphenols	7.275	107	183332	39.472	ng	# 85
22) Acetophenone	7.263	105	244338	39.304	ng	96
24) Nitrobenzene	7.440	77	198770	39.061	ng	96
25) Isophorone	7.675	82	313176	37.629	ng	99
26) 2-Nitrophenol	7.751	139	96414	41.138	ng	99
27) 2,4-Dimethylphenol	7.793	122	109542	40.022	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	195305	37.572	ng	98
29) 2,4-Dichlorophenol	8.004	162	150227	39.755	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	168994	39.012	ng	99
31) Naphthalene	8.151	128	539862	39.547	ng	100
32) Benzoic acid	7.957	122	105192	40.523	ng	97
33) 4-Chloroaniline	8.210	127	180741	39.864	ng	97
34) Hexachlorobutadiene	8.263	225	112071	38.453	ng	99
35) Caprolactam	8.592	113	48736	43.322	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	171340	40.286	ng	98
37) 2-Methylnaphthalene	8.845	142	354629	39.272	ng	99
38) 1-Methylnaphthalene	8.940	142	353547	39.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	176578	39.312	ng	99
41) Hexachlorocyclopentadiene	8.987	237	26032	28.674	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	103055	37.469	ng	99

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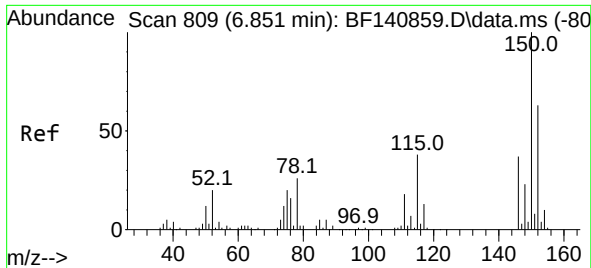
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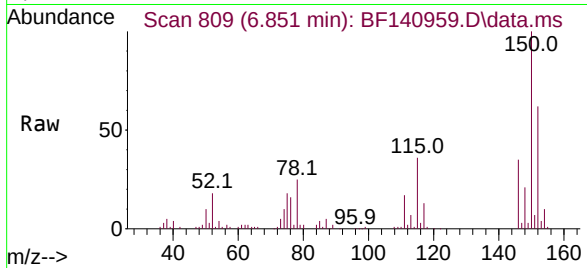
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	113791	37.641	ng	99
46) 1,1'-Biphenyl	9.304	154	451267	38.834	ng	99
47) 2-Chloronaphthalene	9.334	162	347940	39.139	ng	99
48) 2-Nitroaniline	9.439	65	105740	39.384	ng	95
49) Acenaphthylene	9.751	152	522615	40.003	ng	99
50) Dimethylphthalate	9.604	163	394835	38.322	ng	100
51) 2,6-Dinitrotoluene	9.681	165	93666	39.767	ng	94
52) Acenaphthene	9.922	154	331006	39.664	ng	100
53) 3-Nitroaniline	9.857	138	96968	41.485	ng	96
54) 2,4-Dinitrophenol	9.981	184	46064	43.346	ng	95
55) Dibenzofuran	10.092	168	499757	38.647	ng	100
56) 4-Nitrophenol	10.051	139	44580	37.930	ng	99
57) 2,4-Dinitrotoluene	10.092	165	125320	40.439	ng	98
58) Fluorene	10.434	166	416576	39.048	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	92785	37.667	ng	94
60) Diethylphthalate	10.304	149	395324	37.002	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	203526	37.979	ng	98
62) 4-Nitroaniline	10.475	138	104090m	42.614	ng	
63) Azobenzene	10.586	77	368436	36.682	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	67642	40.900	ng	96
66) n-Nitrosodiphenylamine	10.545	169	353375	39.380	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	124736	38.203	ng	96
68) Hexachlorobenzene	10.986	284	143941	38.882	ng	99
69) Atrazine	11.069	200	84689	33.792	ng	100
70) Pentachlorophenol	11.198	266	43771	32.340	ng	99
71) Phenanthrene	11.404	178	595675	39.689	ng	100
72) Anthracene	11.457	178	580319	39.262	ng	100
73) Carbazole	11.616	167	585180	40.420	ng	100
74) Di-n-butylphthalate	11.928	149	646754	38.065	ng	99
75) Fluoranthene	12.598	202	711196	41.145	ng	99
77) Benzidine	12.722	184	184675	43.643	ng	99
78) Pyrene	12.827	202	715402	38.803	ng	100
80) Butylbenzylphthalate	13.427	149	266719	39.317	ng	98
81) Benzo(a)anthracene	14.022	228	582184	39.621	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	179769	40.550	ng	98
83) Chrysene	14.057	228	508731	38.074	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	327711	37.465	ng	99
85) Di-n-octyl phthalate	14.604	149	439301	33.196	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	445783	38.707	ng	100
88) Benzo(b)fluoranthene	15.080	252	504436	39.375	ng	99
89) Benzo(k)fluoranthene	15.110	252	400757	36.468	ng	99
90) Benzo(a)pyrene	15.457	252	380341	37.915	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	367688	38.537	ng	98
92) Benzo(g,h,i)perylene	17.492	276	360772	37.152	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

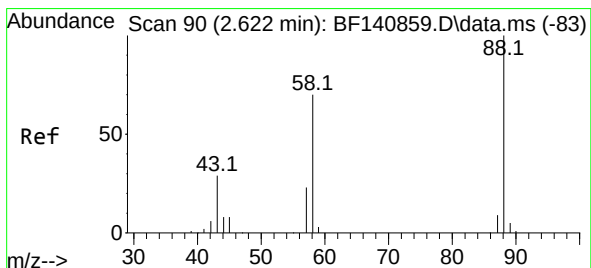
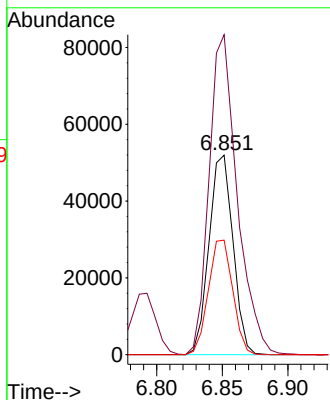
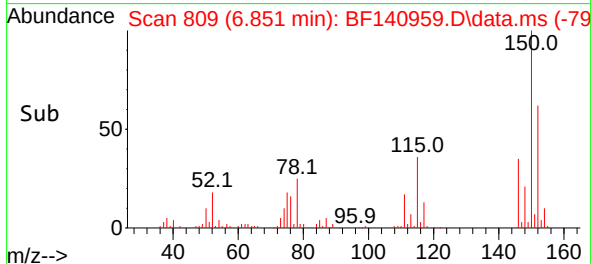
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:152 Resp: 6622
Ion Ratio Lower Upper
152 100
150 160.4 127.9 191.9
115 57.4 48.0 72.0

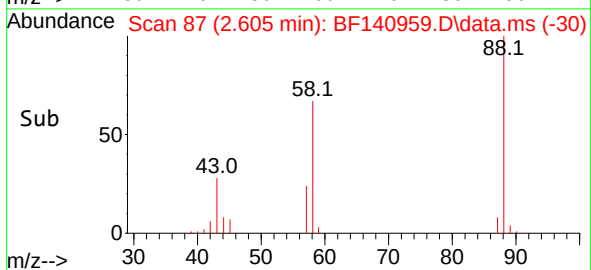
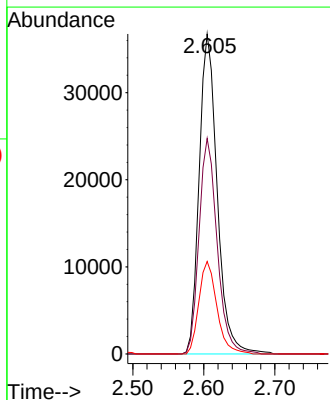
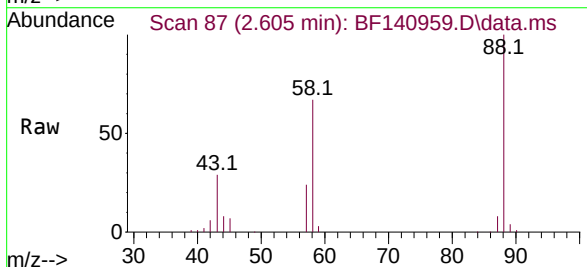
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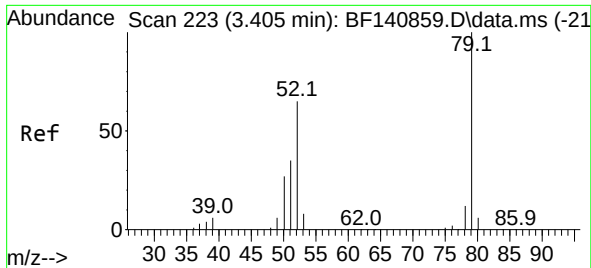
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 37.529 ng
RT: 2.605 min Scan# 87
Delta R.T. -0.018 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion: 88 Resp: 65032
Ion Ratio Lower Upper
88 100
58 67.6 55.8 83.8
43 28.9 22.7 34.1





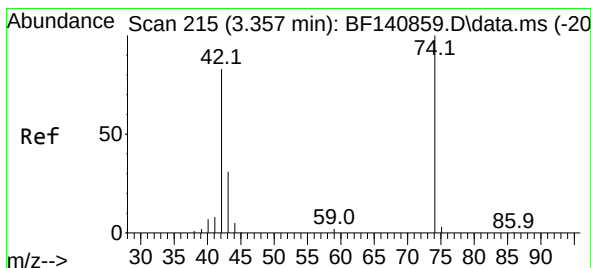
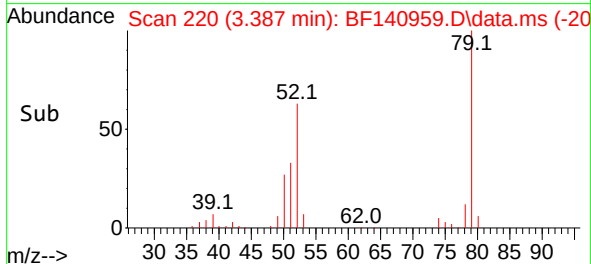
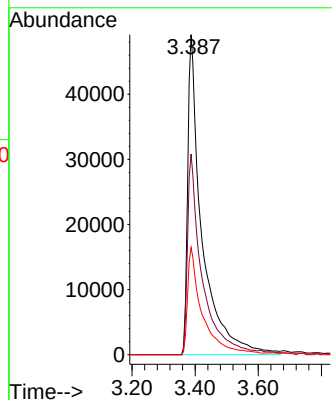
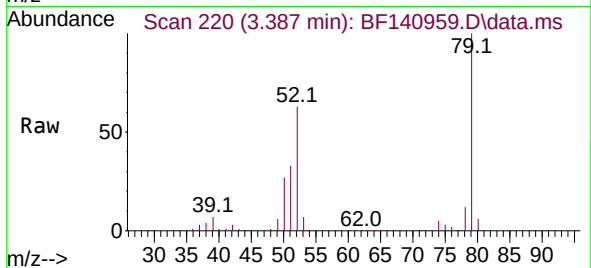
#3
Pyridine
Concen: 38.605 ng
RT: 3.387 min Scan# 213
Delta R.T. -0.018 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 15492
Ion Ratio Lower Upper
79 100
52 62.7 51.7 77.5
51 33.5 28.2 42.4

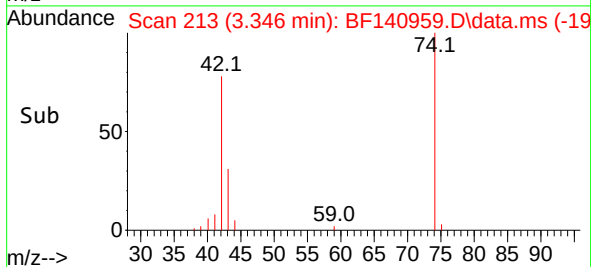
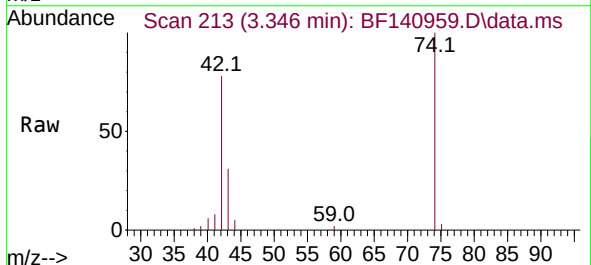
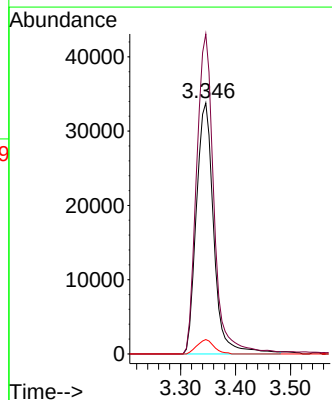
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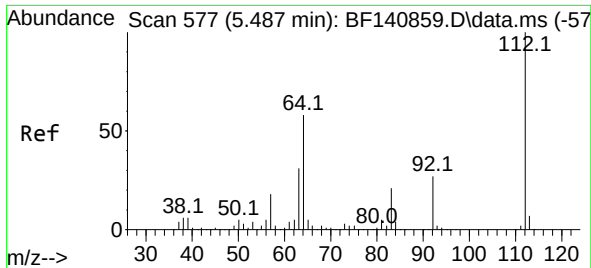
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#4
n-Nitrosodimethylamine
Concen: 36.798 ng
RT: 3.346 min Scan# 213
Delta R.T. -0.012 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion: 42 Resp: 74446
Ion Ratio Lower Upper
42 100
74 127.5 96.9 145.3
44 5.8 4.4 6.6





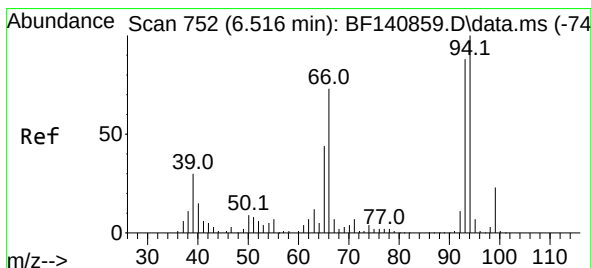
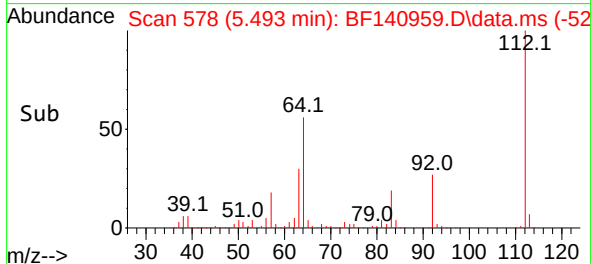
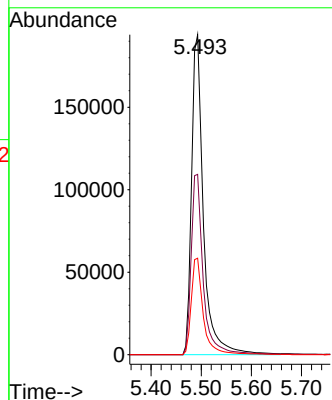
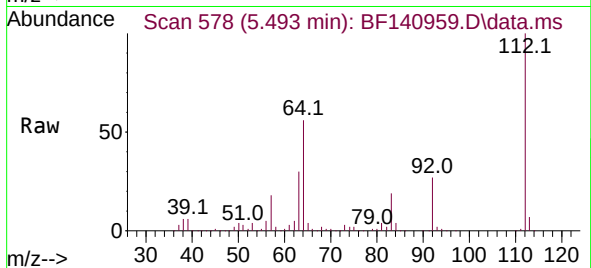
#5
2-Fluorophenol
Concen: 79.188 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 31857
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 30.2 24.9 37.3

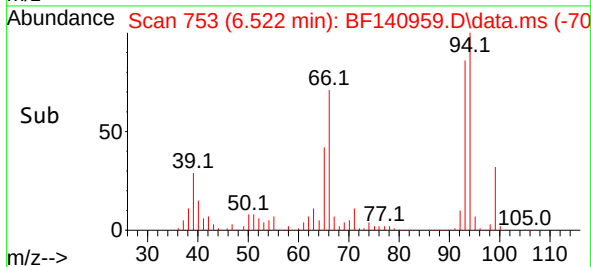
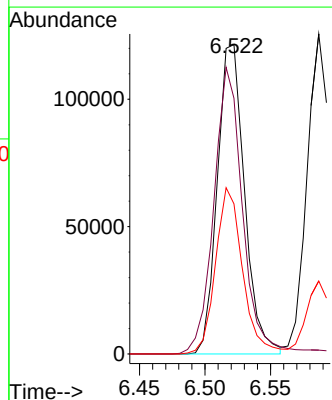
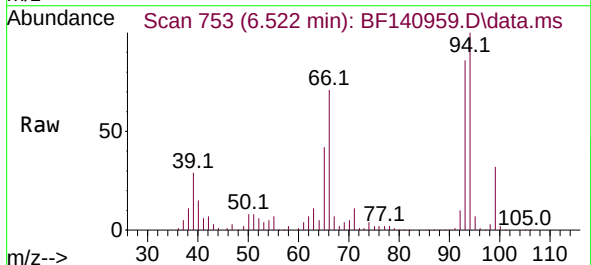
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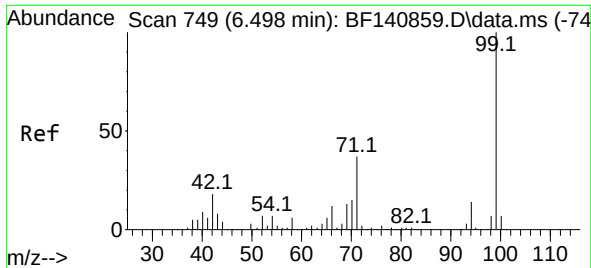
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#6
Aniline
Concen: 38.501 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

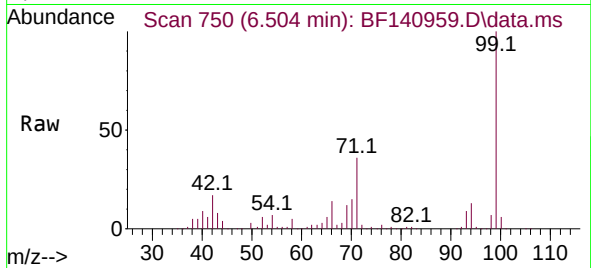
Tgt Ion: 93 Resp: 175414
Ion Ratio Lower Upper
93 100
66 82.6 67.0 100.4
65 48.5 40.4 60.6





#7
Phenol-d6
Concen: 79.195 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

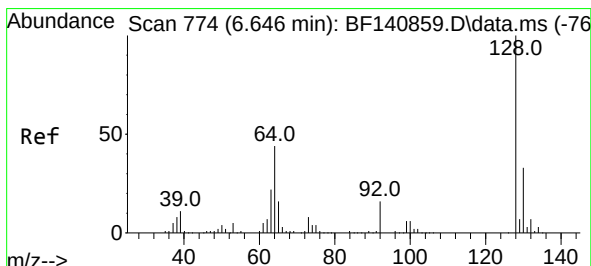
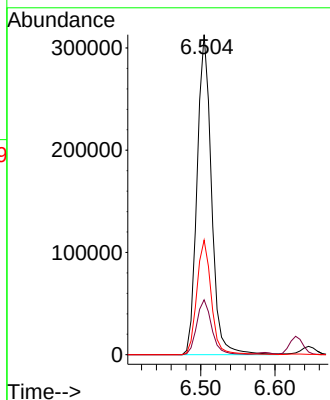
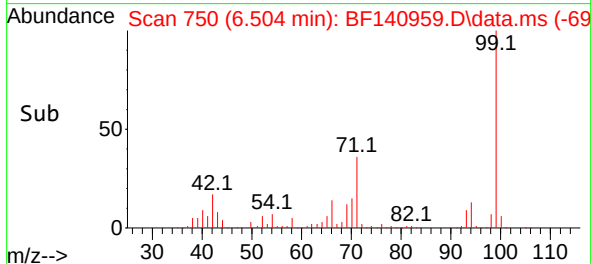
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 99 Resp: 42199
Ion Ratio Lower Upper
99 100
42 17.2 14.3 21.5
71 35.8 29.9 44.9

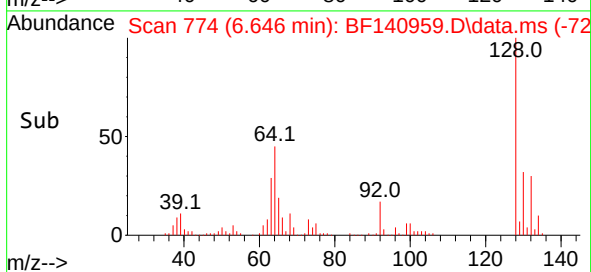
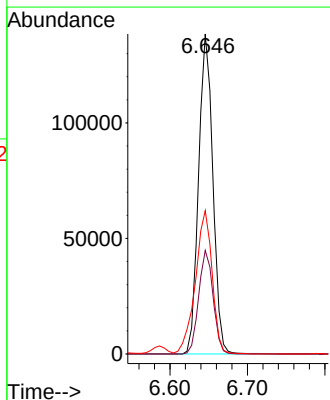
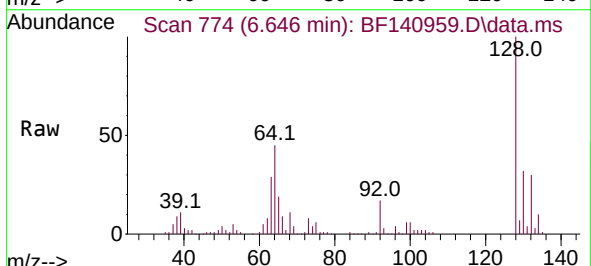
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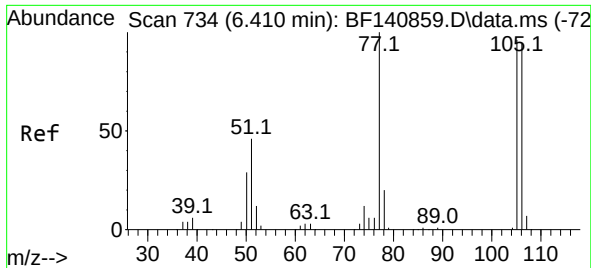
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#8
2-Chlorophenol
Concen: 40.383 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:128 Resp: 177168
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 44.8 24.3 64.3





#9

Benzaldehyde

Concen: 40.271 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 11889

Ion Ratio Lower Upper

77 100

105 98.8 75.8 115.8

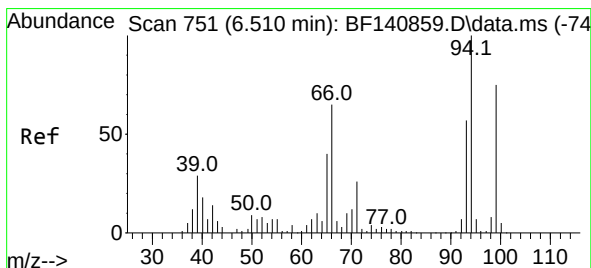
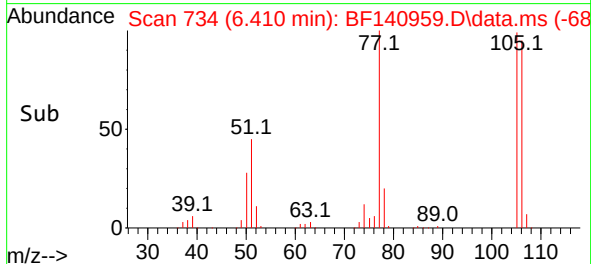
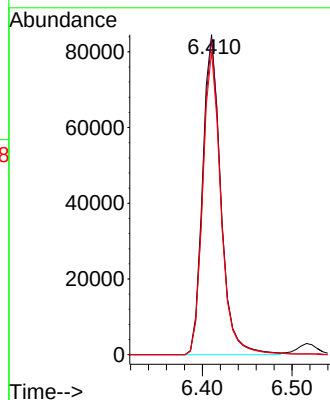
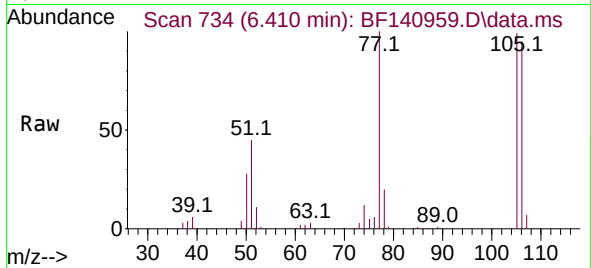
106 94.7 74.1 114.1

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#10

Phenol

Concen: 39.635 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

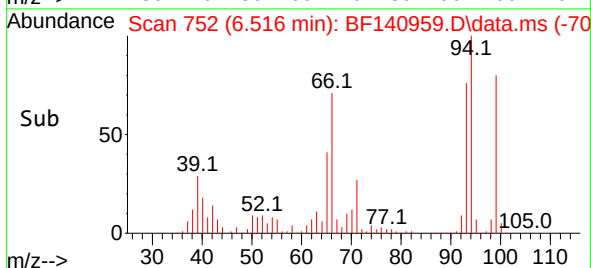
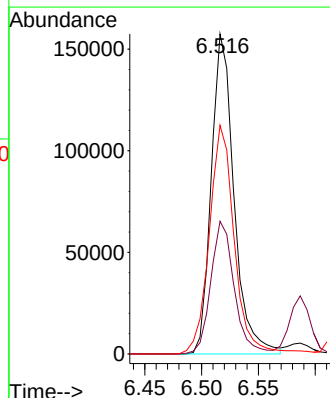
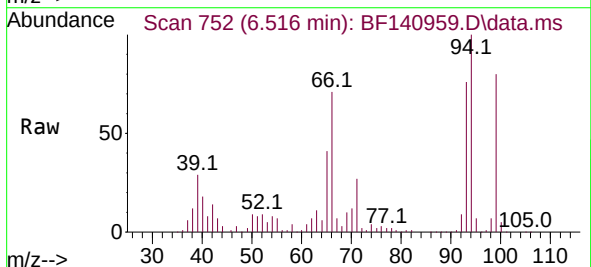
Tgt Ion: 94 Resp: 218889

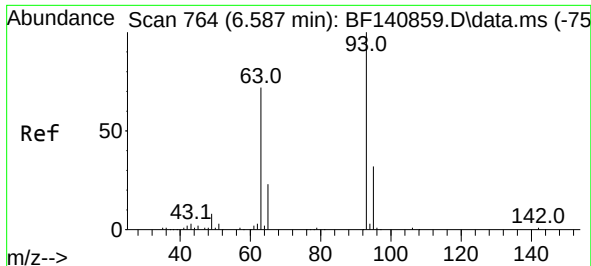
Ion Ratio Lower Upper

94 100

65 41.5 19.9 59.9

66 71.4 45.6 85.6





#11
bis(2-Chloroethyl)ether
Concen: 38.200 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

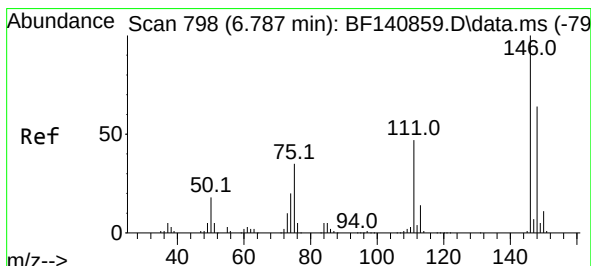
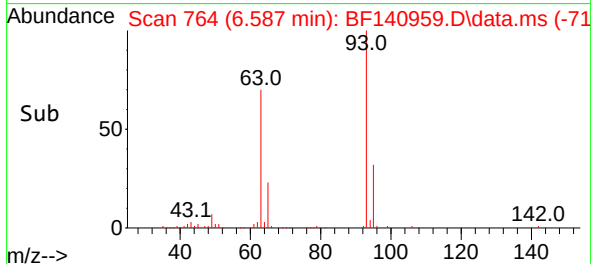
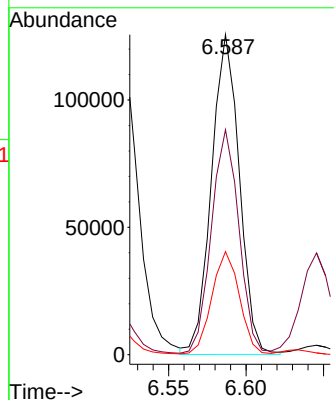
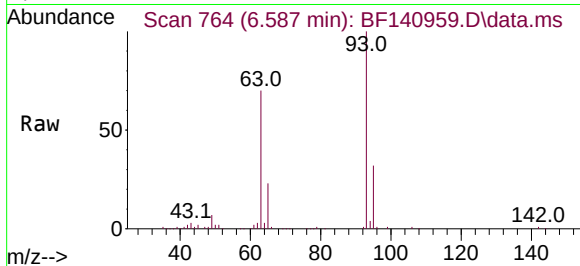
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 157329
Ion Ratio Lower Upper
93 100
63 70.3 51.0 91.0
95 32.2 12.0 52.0

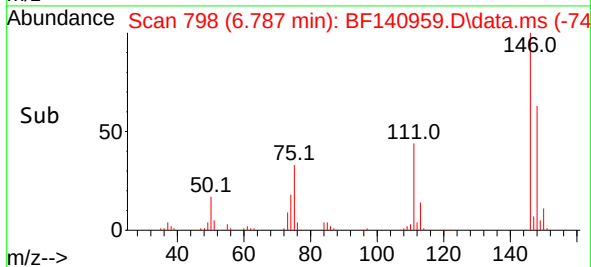
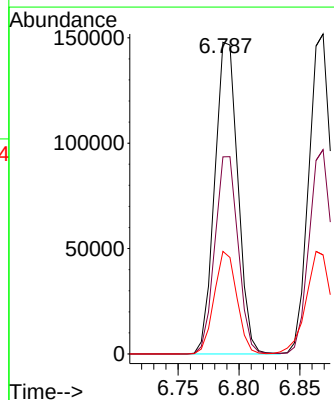
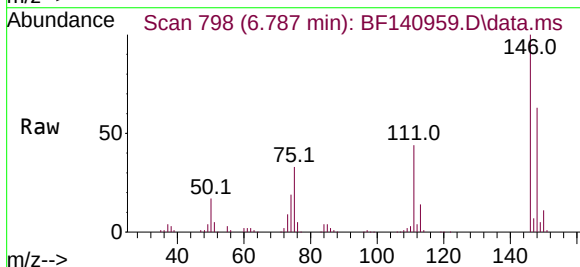
Manual Integrations
APPROVED

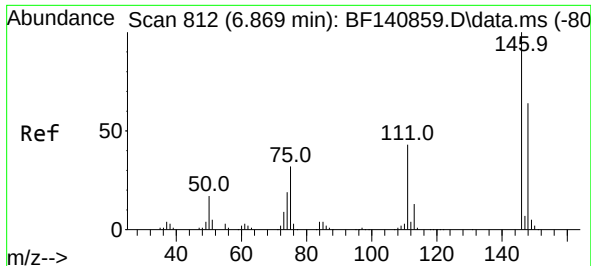
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
1,3-Dichlorobenzene
Concen: 39.166 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:146 Resp: 195796
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
75 32.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 39.295 ng

RT: 6.869 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF140959.D

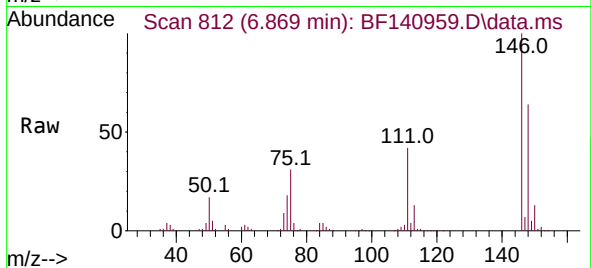
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:146 Resp: 199400

Ion Ratio Lower Upper

146 100

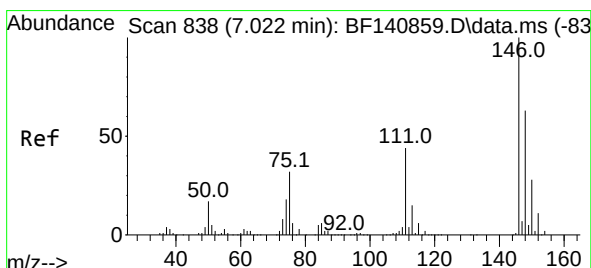
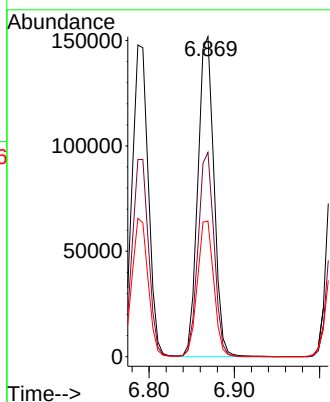
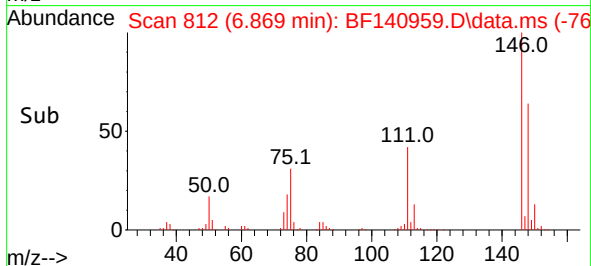
148 63.9 51.3 76.9

111 42.4 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#14

1,2-Dichlorobenzene

Concen: 38.884 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

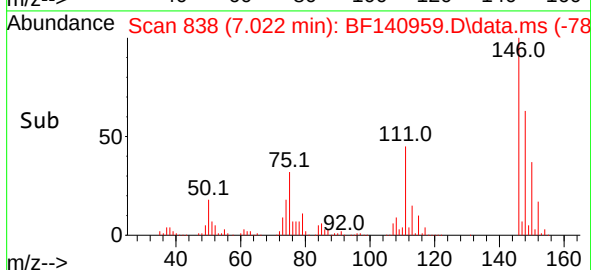
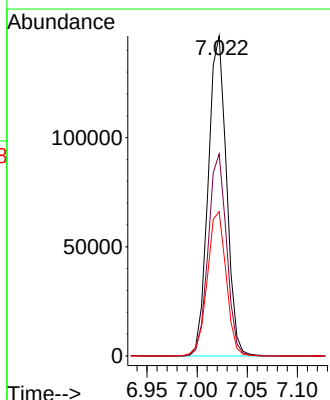
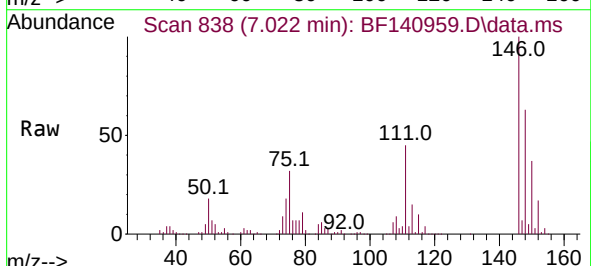
Tgt Ion:146 Resp: 186168

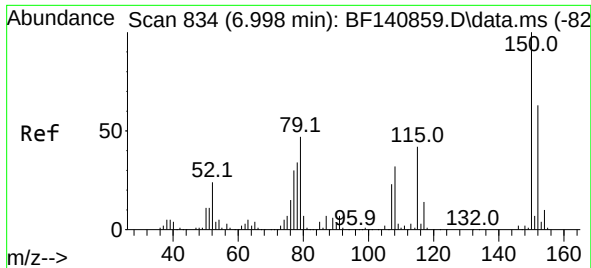
Ion Ratio Lower Upper

146 100

148 63.2 50.0 75.0

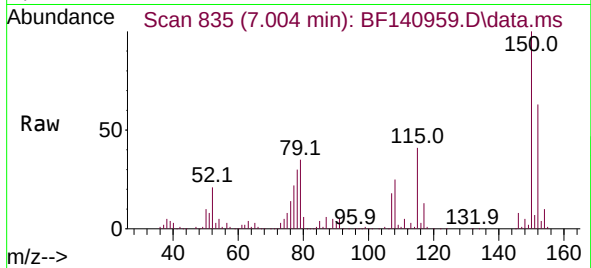
111 45.1 35.6 53.4





#15
Benzyl Alcohol
Concen: 39.242 ng
RT: 7.004 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

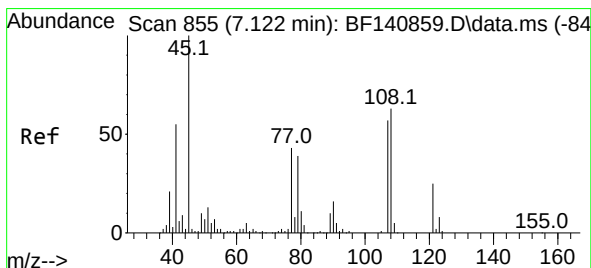
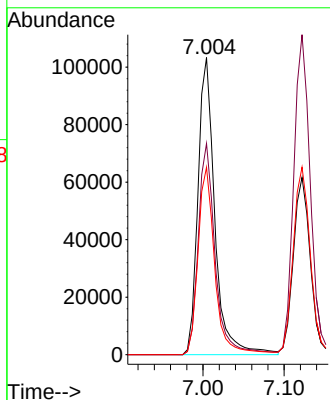
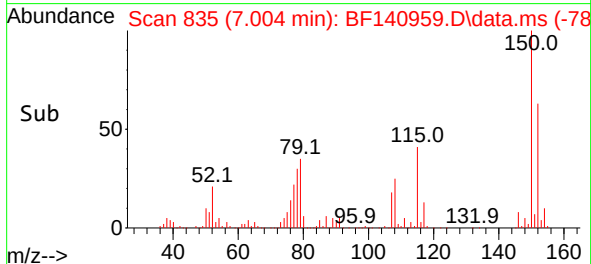
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 149510
Ion Ratio Lower Upper
79 100
108 71.1 55.1 82.7
77 63.1 50.6 76.0

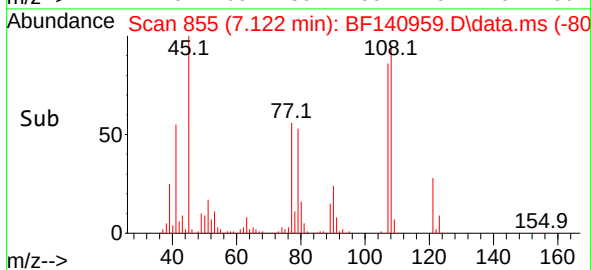
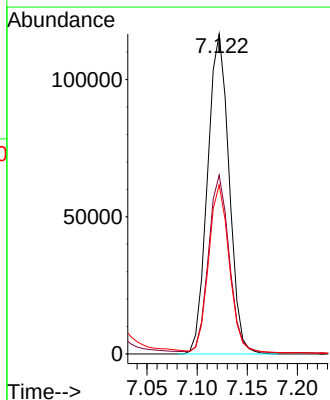
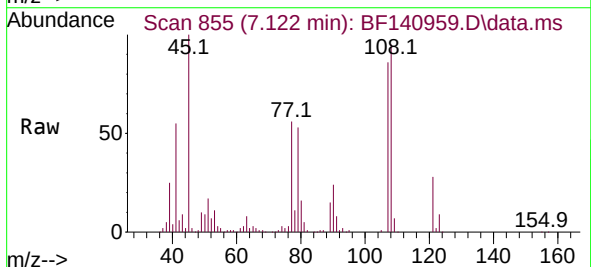
Manual Integrations
APPROVED

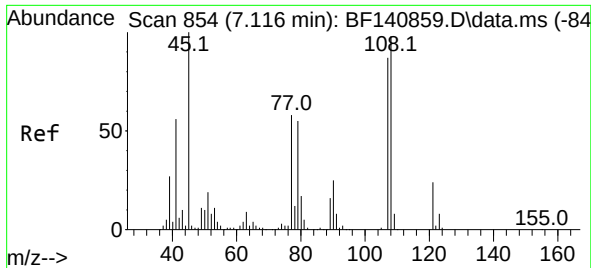
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.973 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion: 45 Resp: 174534
Ion Ratio Lower Upper
45 100
77 55.9 23.3 63.3
79 52.9 20.0 60.0





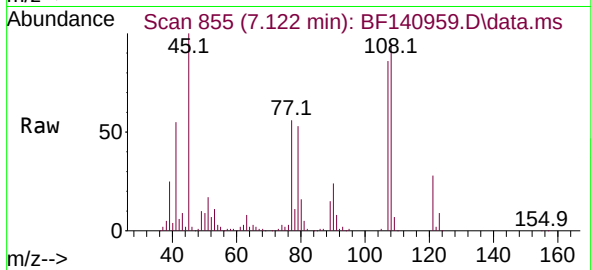
#17
2-Methylphenol
Concen: 40.286 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

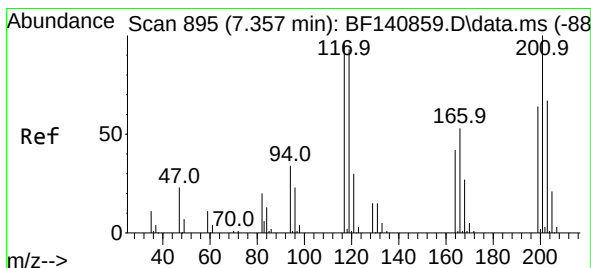
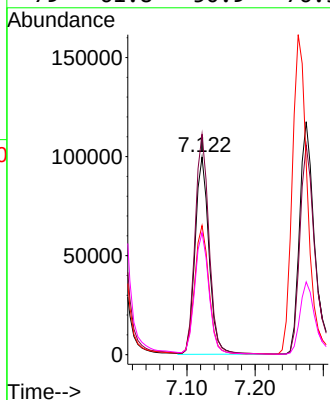
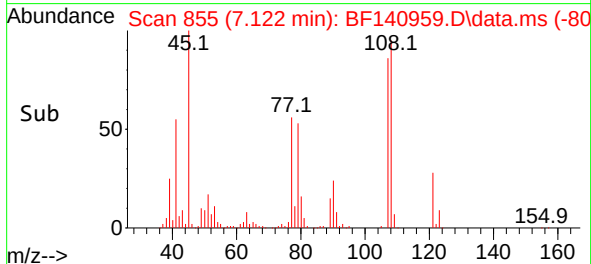


Tgt Ion:107 Resp: 14110
Ion Ratio Lower Upper
107 100
108 111.6 90.2 135.4
77 65.4 53.8 80.6
79 61.8 50.9 76.3

Manual Integrations

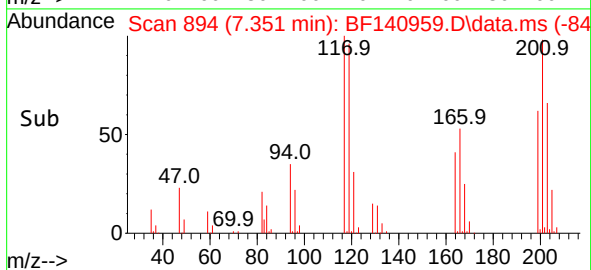
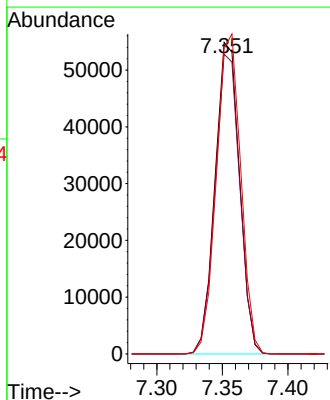
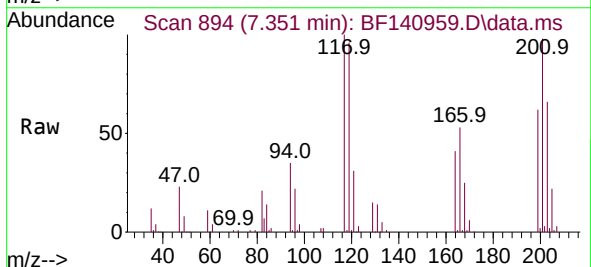
APPROVED

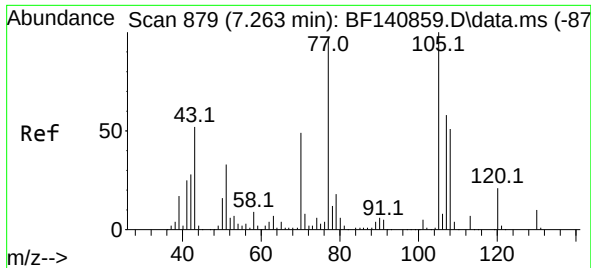
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#18
Hexachloroethane
Concen: 37.728 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

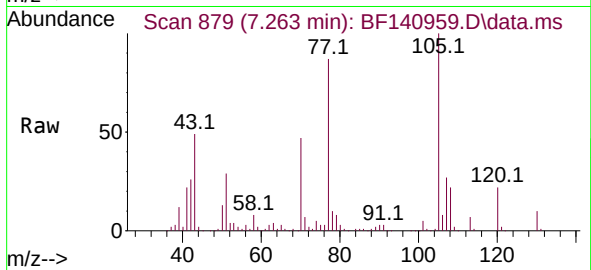
Tgt Ion:117 Resp: 71272
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
201 98.0 83.4 125.0





#19
n-Nitroso-di-n-propylamine
Concen: 37.915 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

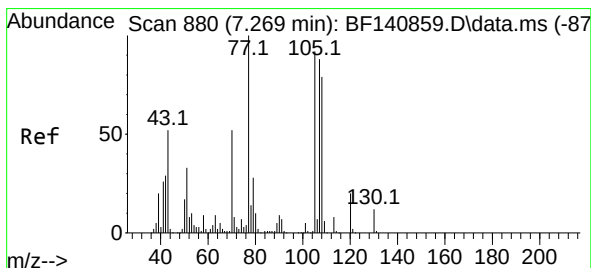
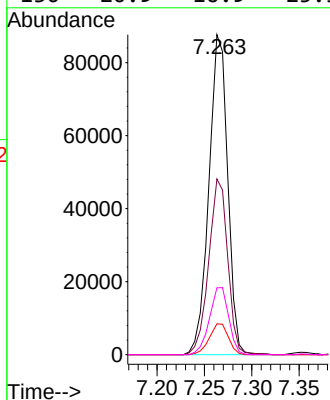
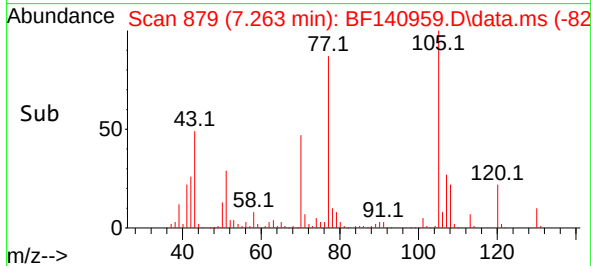
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



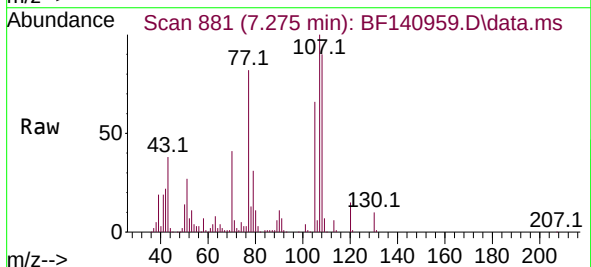
Tgt Ion: 70 Resp: 12118
Ion Ratio Lower Upper
70 100
42 54.9 45.3 67.9
101 9.7 8.0 12.0
130 20.9 16.9 25.3

Manual Integrations
APPROVED

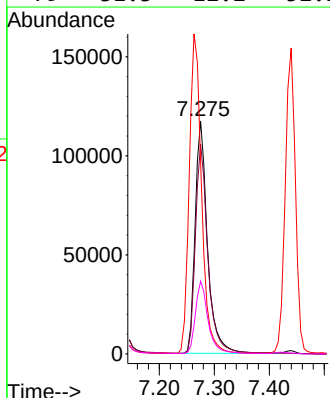
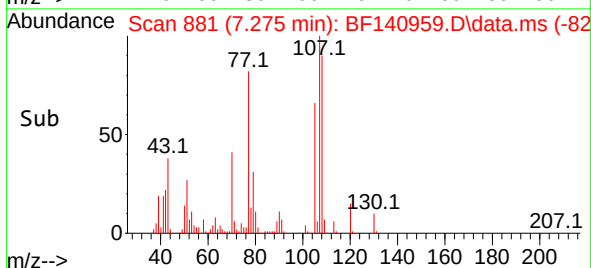
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

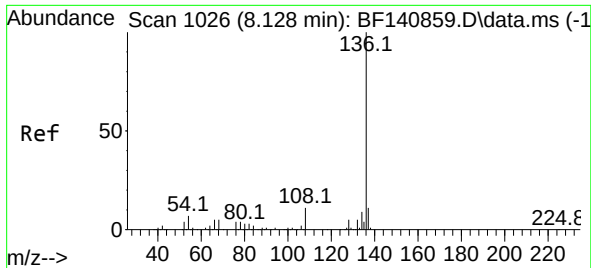


#20
3+4-Methylphenols
Concen: 39.472 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion:107 Resp: 183332
Ion Ratio Lower Upper
107 100
108 90.1 70.1 110.1
77 82.2 94.4 134.4#
79 31.3 12.2 52.2





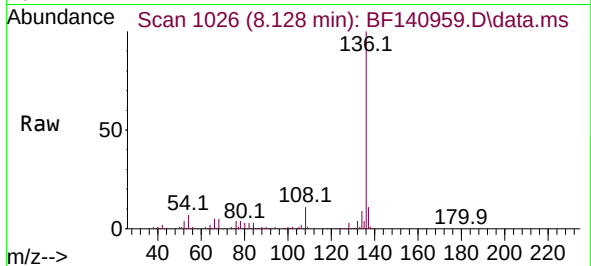
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

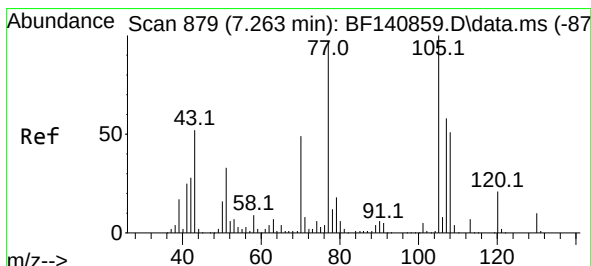
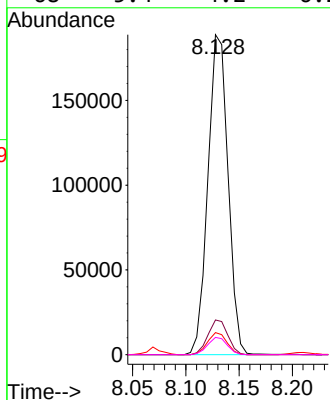
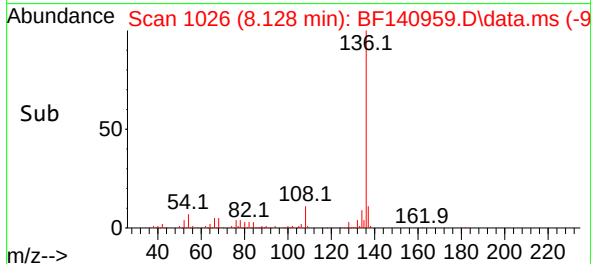


Tgt Ion:136 Resp: 24851
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.9 5.6 8.4
68 5.4 4.2 6.2

Manual Integrations

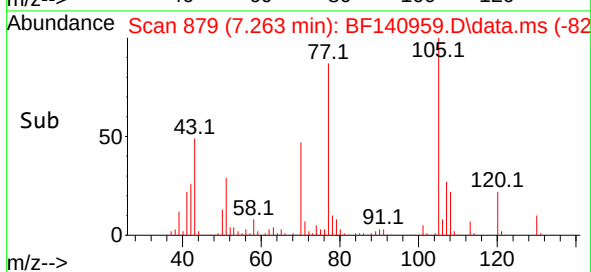
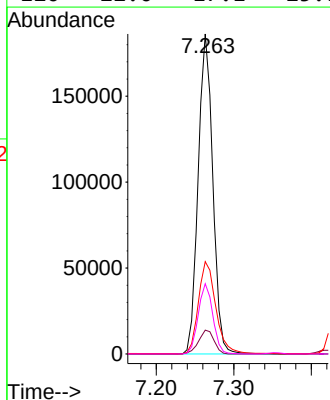
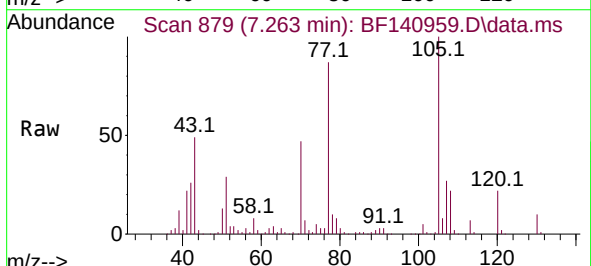
APPROVED

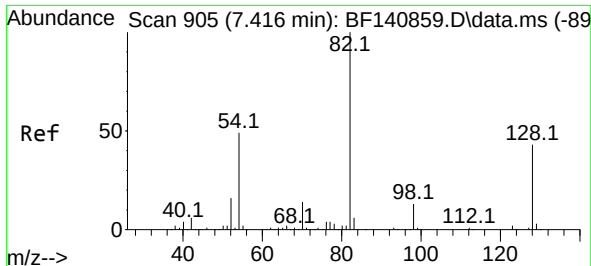
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Acetophenone
Concen: 39.304 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:105 Resp: 244338
Ion Ratio Lower Upper
105 100
71 7.4 6.2 9.4
51 28.9 26.3 39.5
120 22.0 17.1 25.7





#23

Nitrobenzene-d5

Concen: 77.801 ng

RT: 7.422 min Scan# 905

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

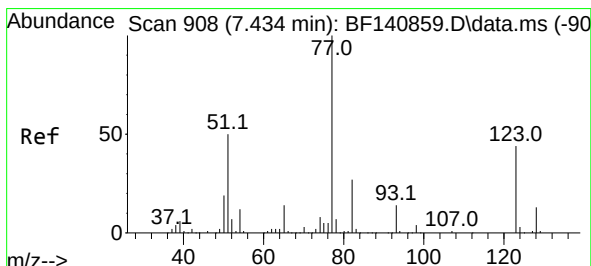
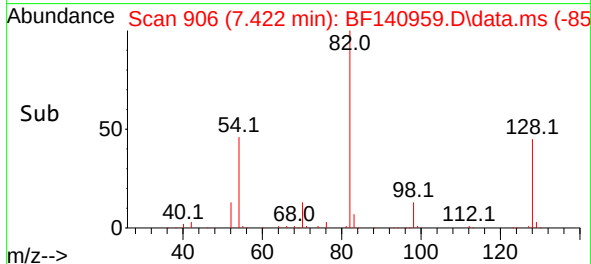
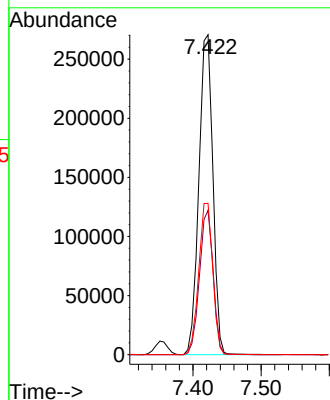
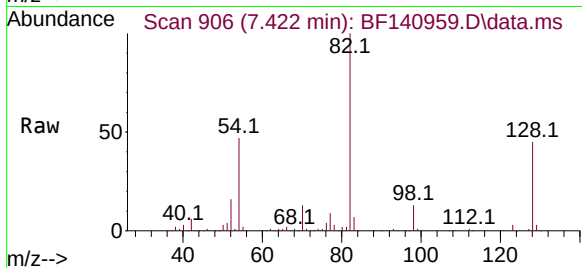
SSTDCCC040EC

Tgt Ion: 82 Resp: 386452
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.4 51.6
 54 47.3 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



#24

Nitrobenzene

Concen: 39.061 ng

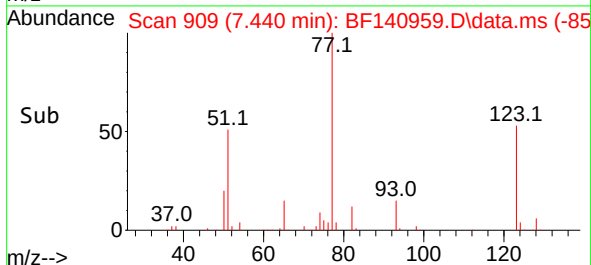
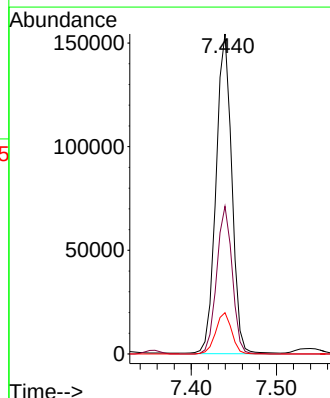
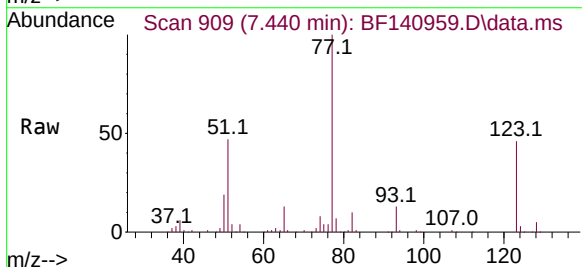
RT: 7.440 min Scan# 909

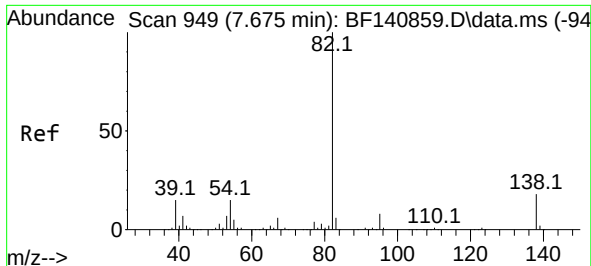
Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

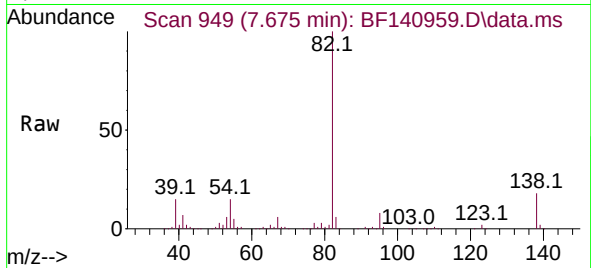
Tgt Ion: 77 Resp: 198770
 Ion Ratio Lower Upper
 77 100
 123 46.2 35.0 52.4
 65 12.9 11.4 17.0





#25
Isophorone
Concen: 37.629 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

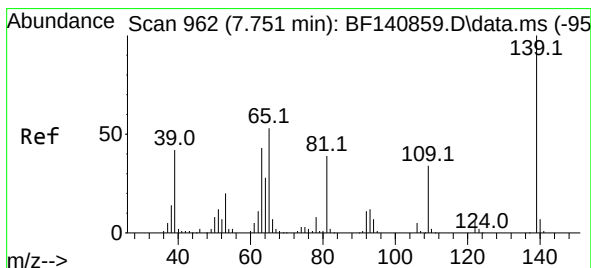
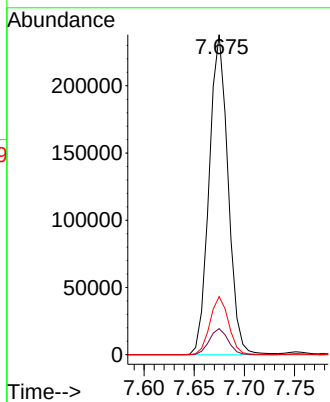
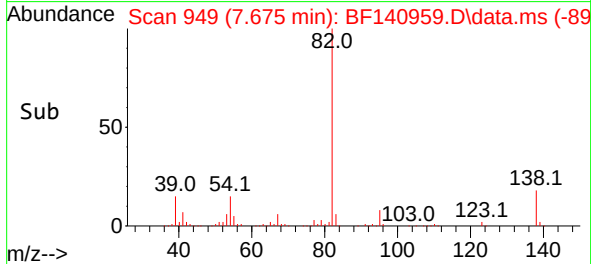
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 313170
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 18.2 14.1 21.1

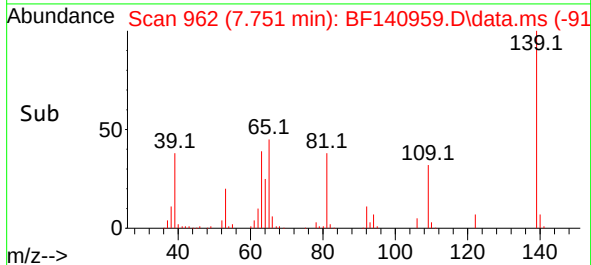
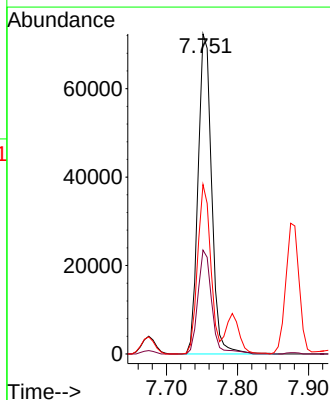
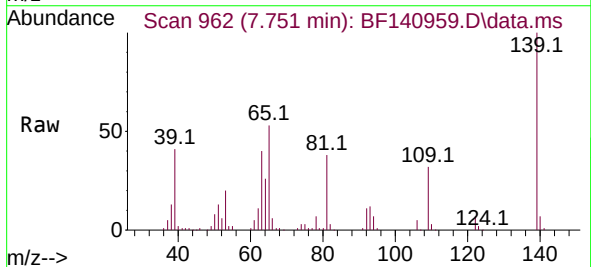
Manual Integrations
APPROVED

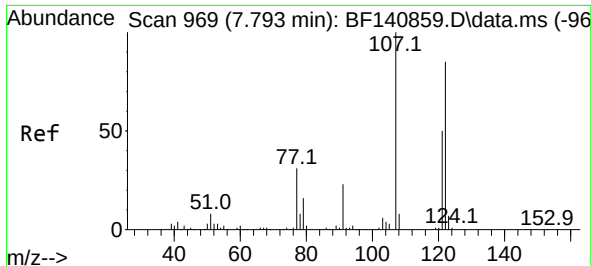
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#26
2-Nitrophenol
Concen: 41.138 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:139 Resp: 96414
Ion Ratio Lower Upper
139 100
109 32.4 26.9 40.3
65 53.0 42.6 64.0





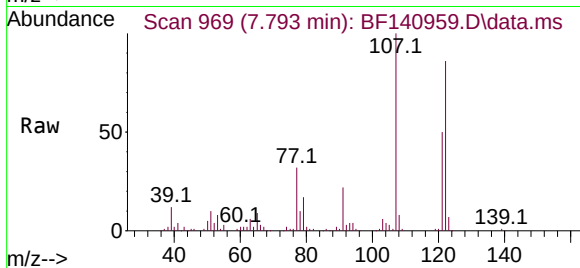
#27
2,4-Dimethylphenol
Concen: 40.022 ng
RT: 7.793 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

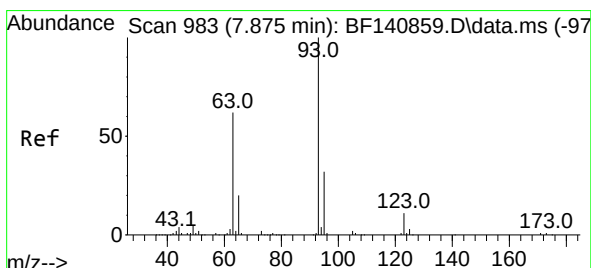
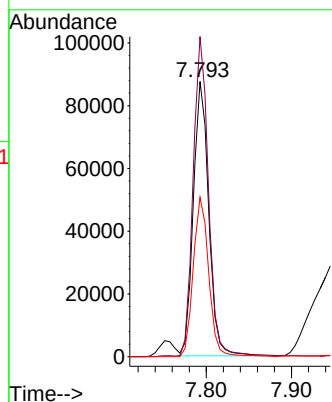
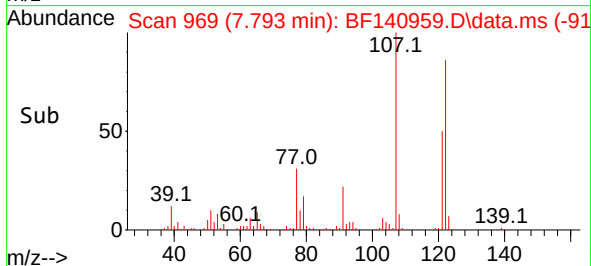


Tgt Ion:122 Resp: 10954
Ion Ratio Lower Upper
122 100
107 116.3 92.6 139.0
121 57.9 45.8 68.8

Manual Integrations

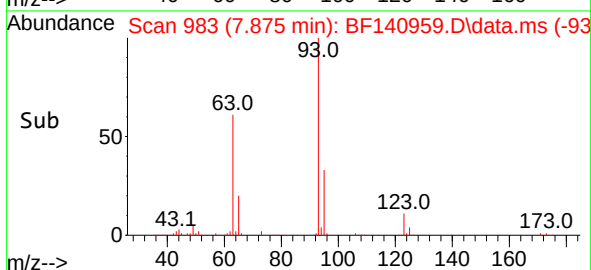
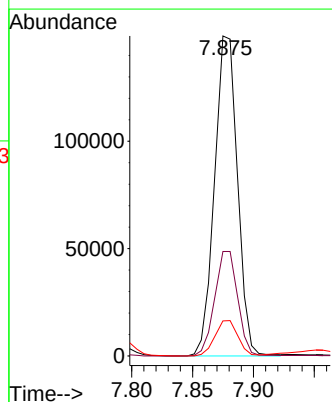
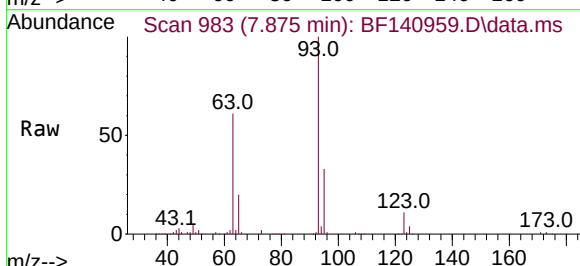
APPROVED

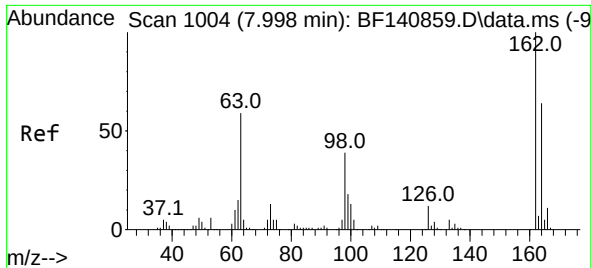
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 37.572 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion: 93 Resp: 195305
Ion Ratio Lower Upper
93 100
95 32.7 25.3 37.9
123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.755 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 15022

Ion Ratio Lower Upper

162 100

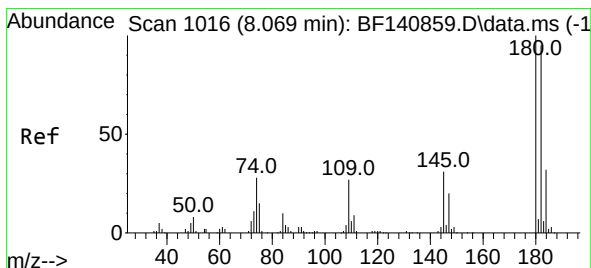
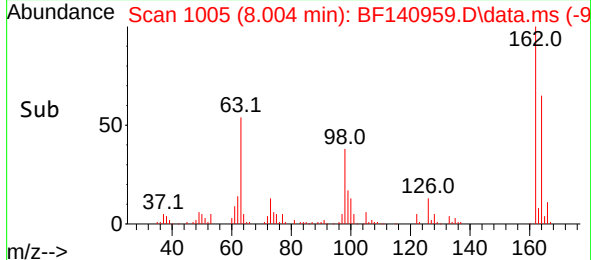
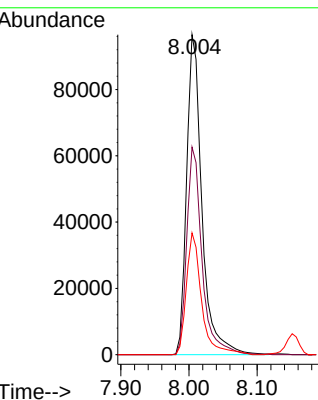
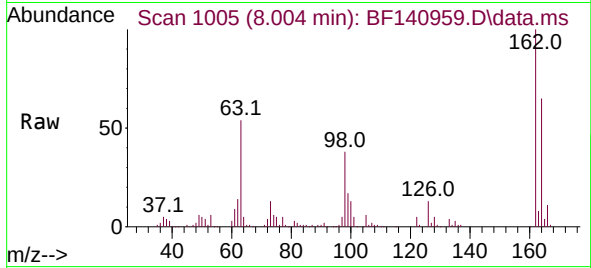
164 64.8 43.7 83.7

98 38.1 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 39.012 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

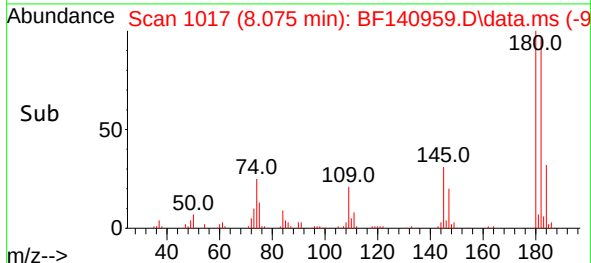
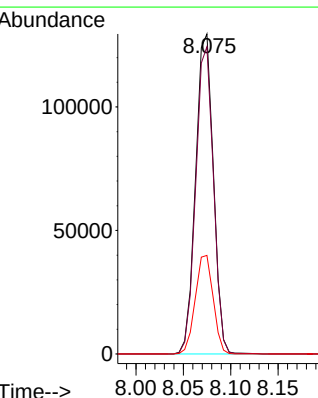
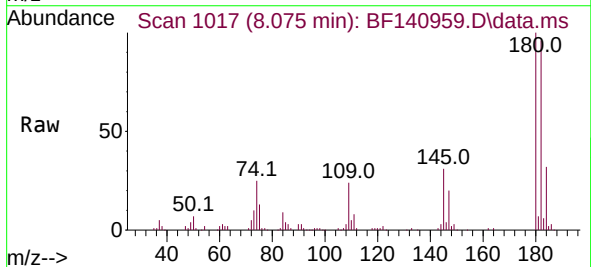
Tgt Ion:180 Resp: 168994

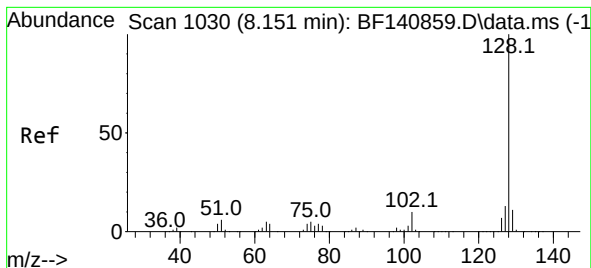
Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.6

145 30.8 25.2 37.8





#31
Naphthalene
Concen: 39.547 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

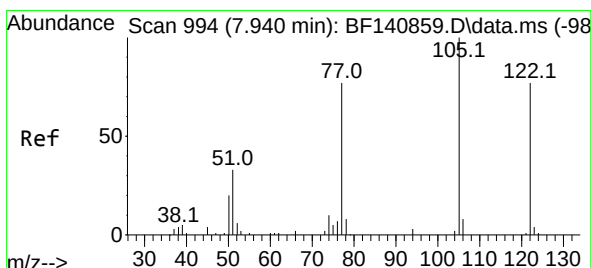
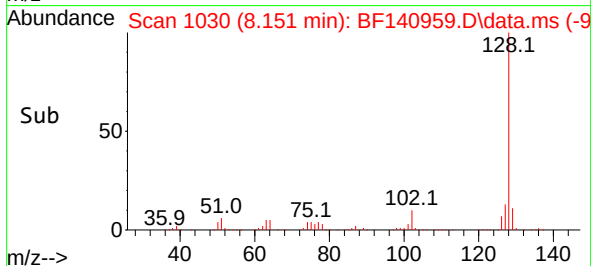
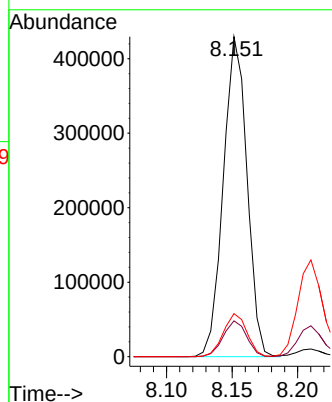
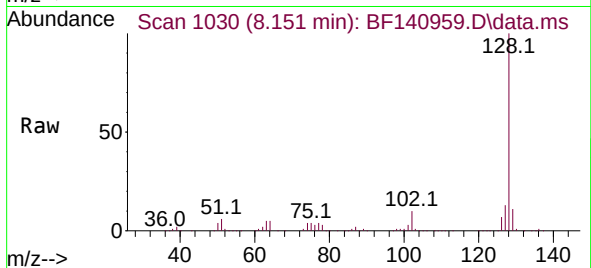
SSTDCCC040EC

Tgt Ion:128 Resp: 539862
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.6 16.0

Manual Integrations

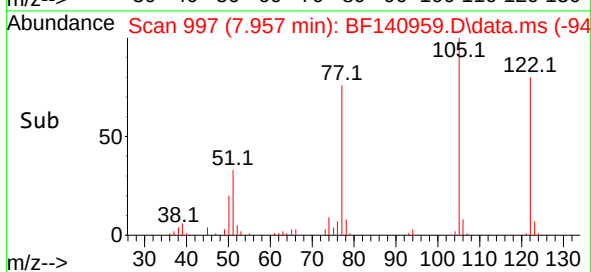
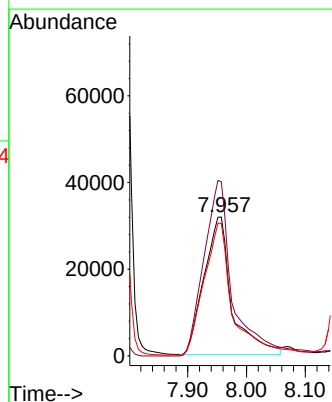
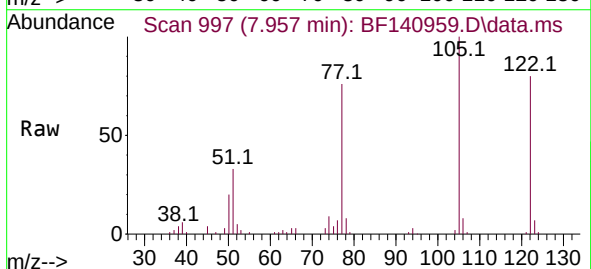
APPROVED

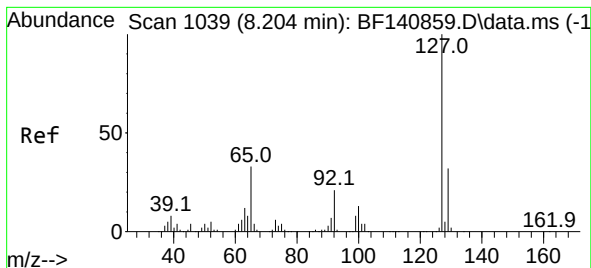
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#32
Benzoic acid
Concen: 40.523 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.017 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:122 Resp: 105192
Ion Ratio Lower Upper
122 100
105 125.4 108.3 148.3
77 95.4 78.8 118.8





#33

4-Chloroaniline

Concen: 39.864 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

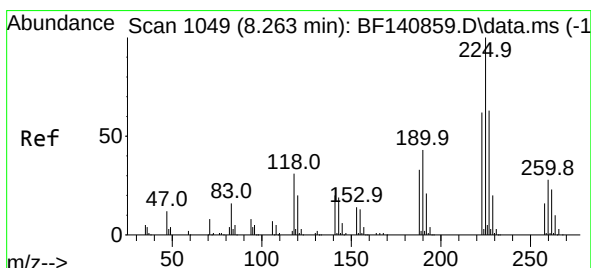
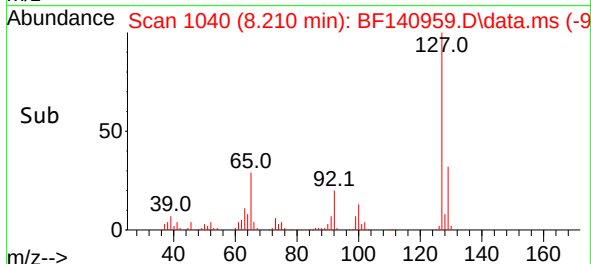
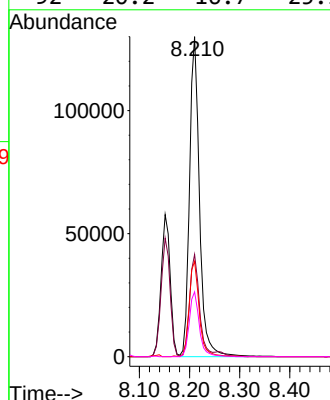
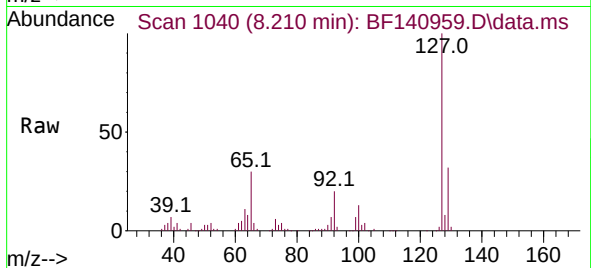
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	29.8	26.0	39.0
92	20.2	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#34

Hexachlorobutadiene

Concen: 38.453 ng

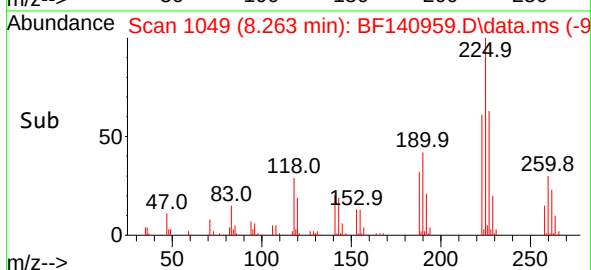
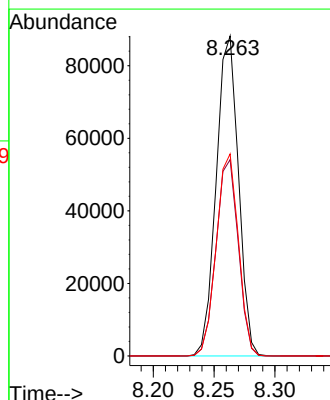
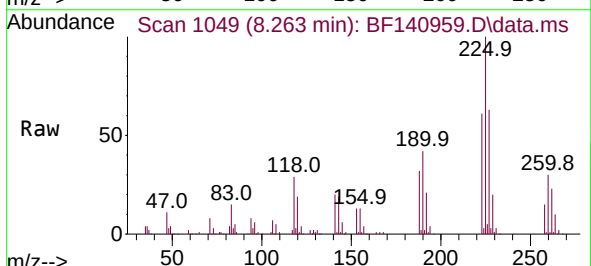
RT: 8.263 min Scan# 1049

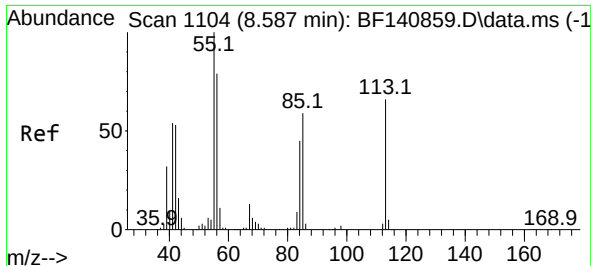
Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

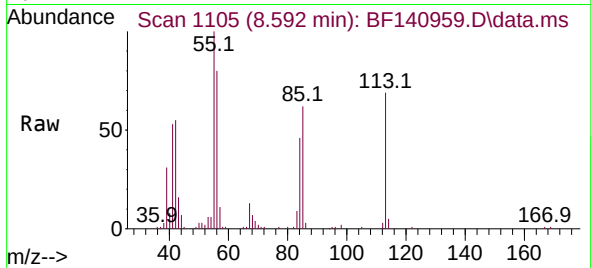
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.6	74.4
227	63.2	50.7	76.1





#35
Caprolactam
Concen: 43.322 ng
RT: 8.592 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

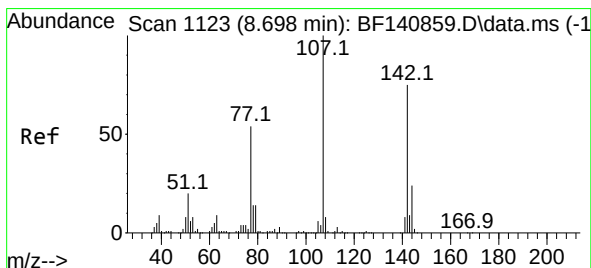
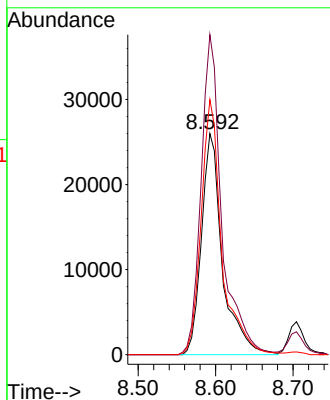
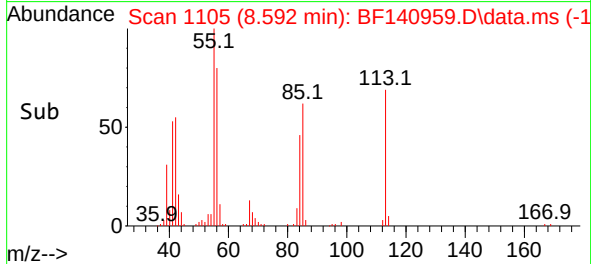
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:113 Resp: 48730
Ion Ratio Lower Upper
113 100
55 144.7 132.3 172.3
56 115.3 100.3 140.3

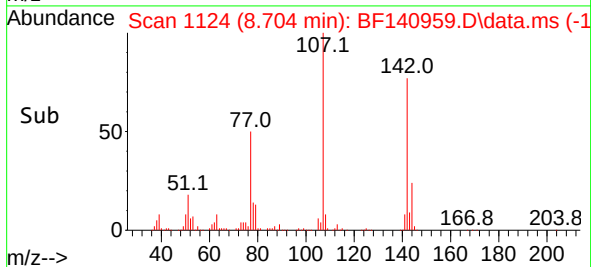
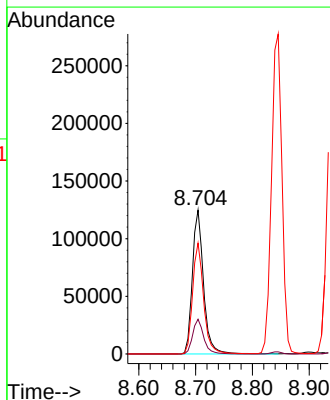
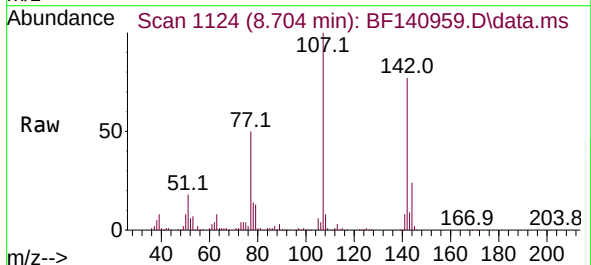
Manual Integrations
APPROVED

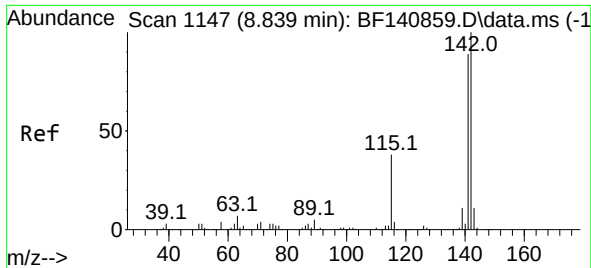
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#36
4-Chloro-3-methylphenol
Concen: 40.286 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:107 Resp: 171340
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.2
142 77.1 60.3 90.5





#37
2-Methylnaphthalene
Concen: 39.272 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

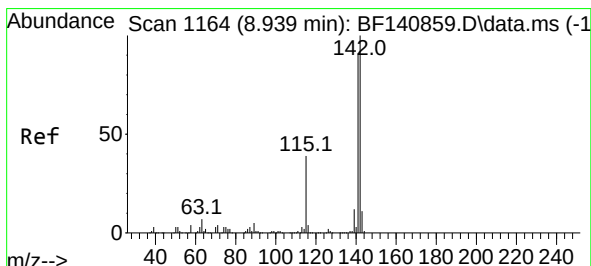
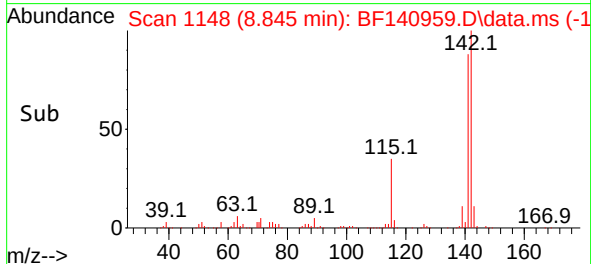
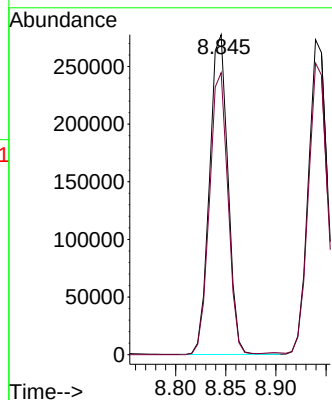
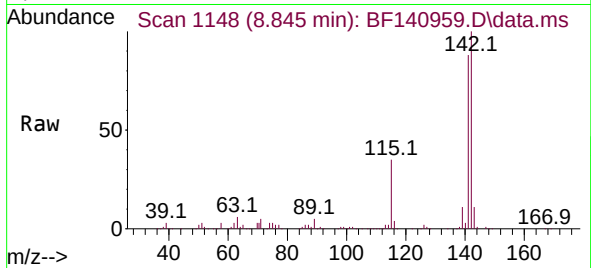
SSTDCCC040EC

Tgt Ion:142 Resp: 354629
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6

Manual Integrations

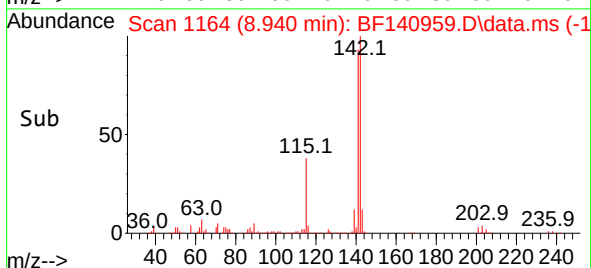
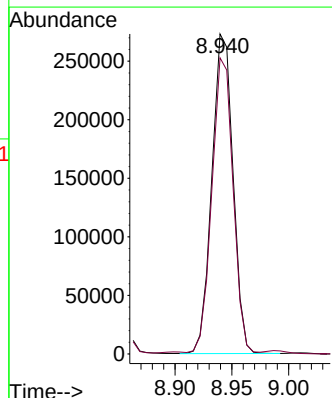
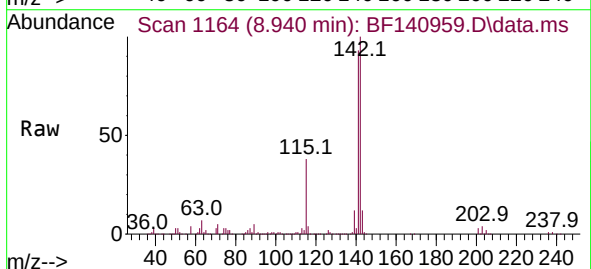
APPROVED

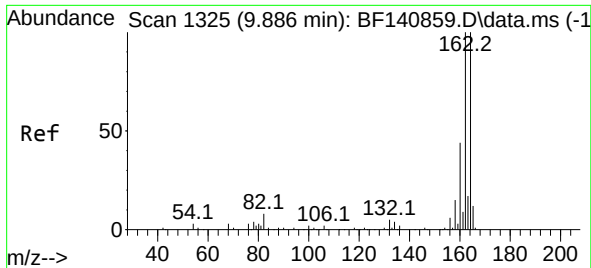
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#38
1-Methylnaphthalene
Concen: 39.588 ng
RT: 8.940 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

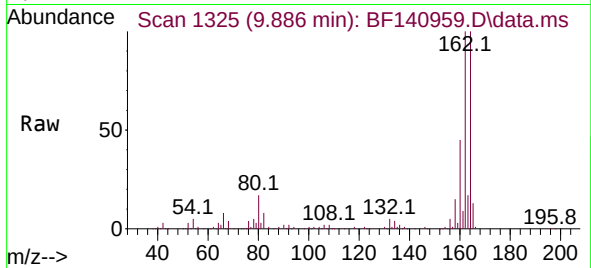
Tgt Ion:142 Resp: 353547
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

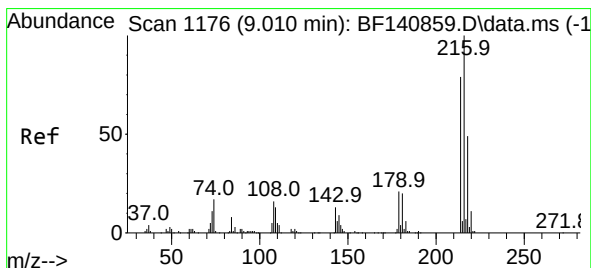
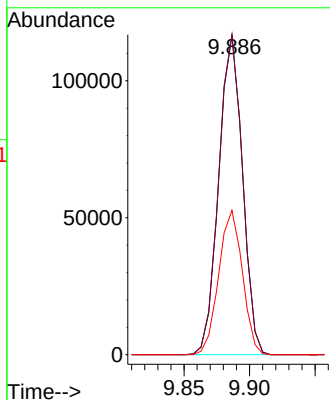
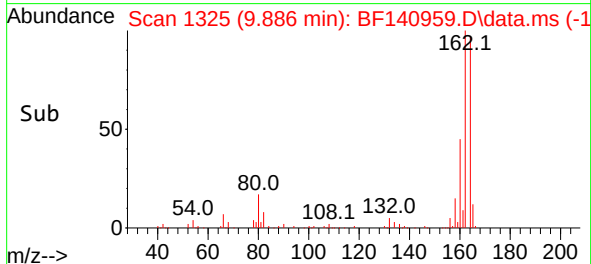
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



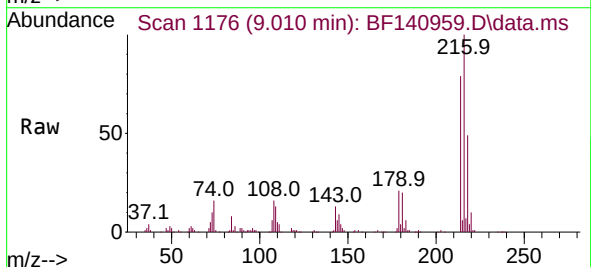
Tgt Ion:164 Resp: 14613
Ion Ratio Lower Upper
164 100
162 100.3 79.9 119.9
160 45.3 35.2 52.8

Manual Integrations
APPROVED

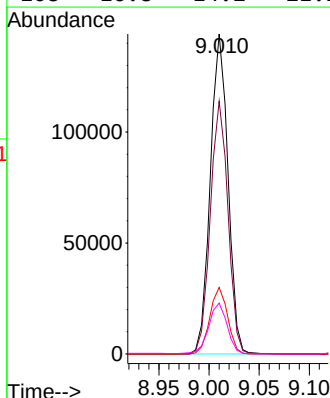
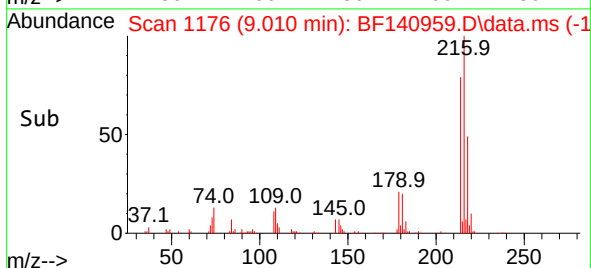
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

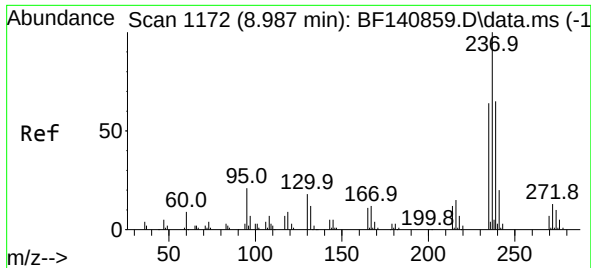


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.312 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



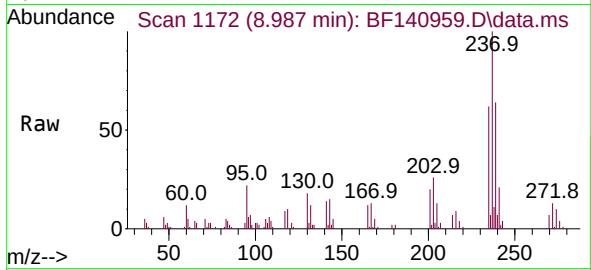
Tgt Ion:216 Resp: 176578
Ion Ratio Lower Upper
216 100
214 79.0 63.6 95.4
179 20.8 17.0 25.4
108 16.8 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 28.674 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

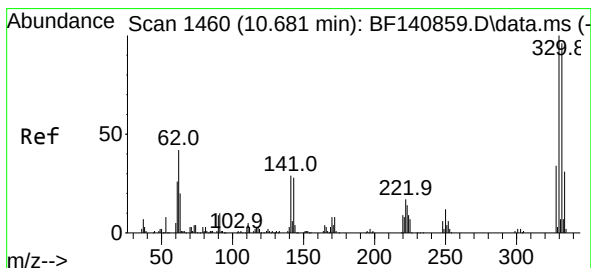
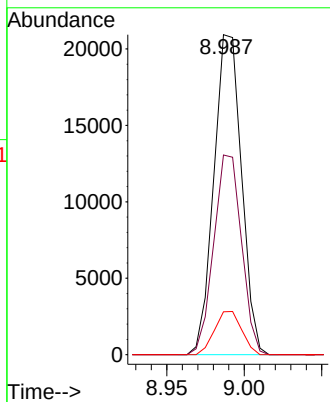
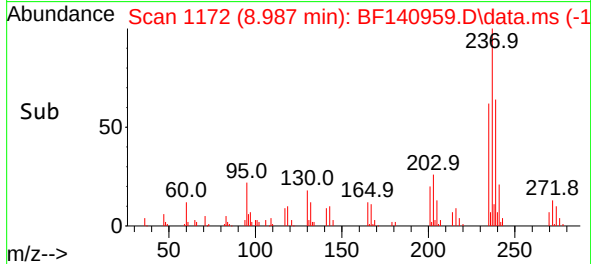
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



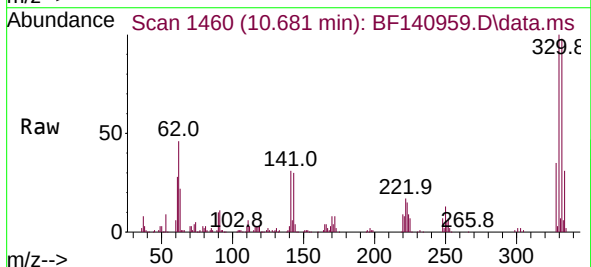
Tgt Ion: 237 Resp: 26032
Ion Ratio Lower Upper
237 100
235 62.4 43.7 83.7
272 13.4 0.0 32.9

Manual Integrations
APPROVED

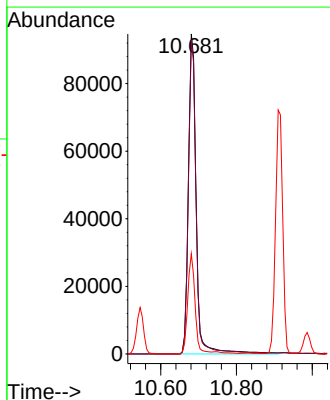
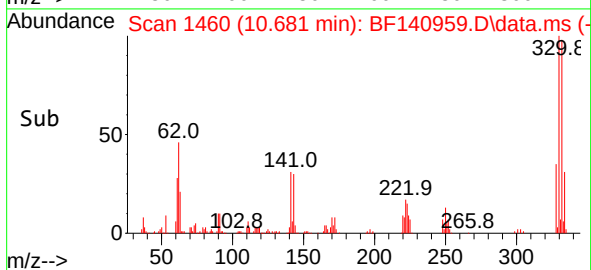
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

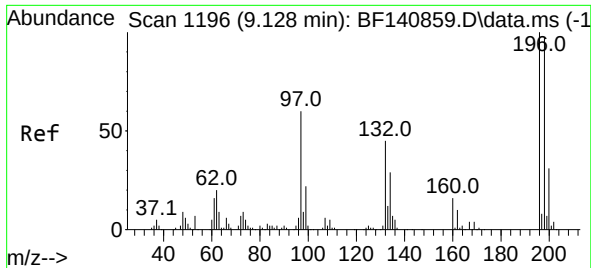


#42
2,4,6-Tribromophenol
Concen: 78.522 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion: 330 Resp: 135717
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 29.0 24.9 37.3





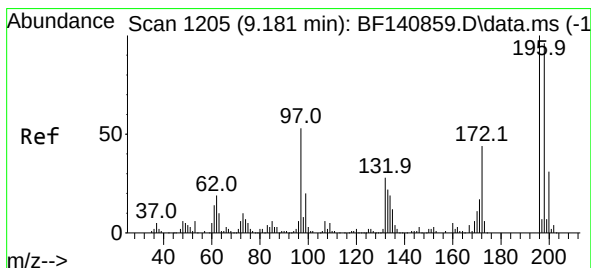
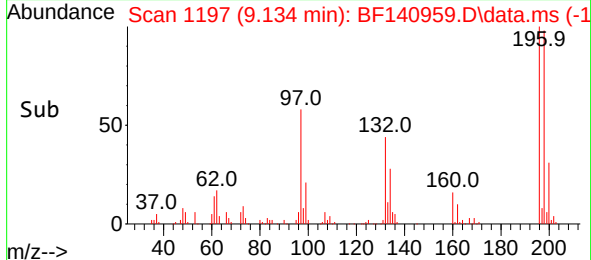
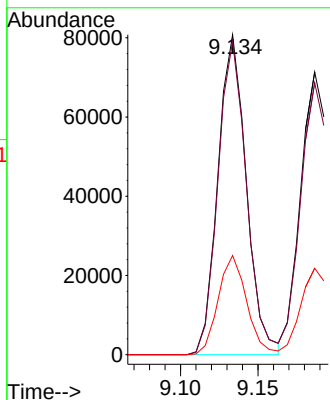
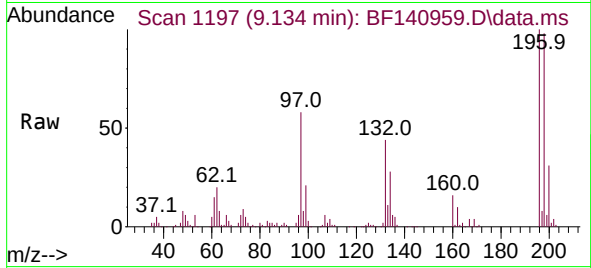
#43
2,4,6-Trichlorophenol
Concen: 37.469 ng
RT: 9.134 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 10305
Ion Ratio Lower Upper
196 100
198 98.0 77.4 116.0
200 31.0 24.5 36.7

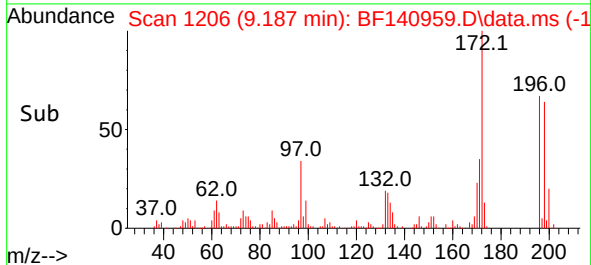
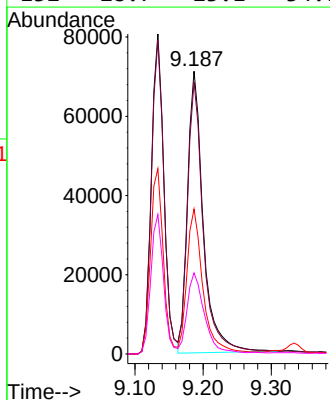
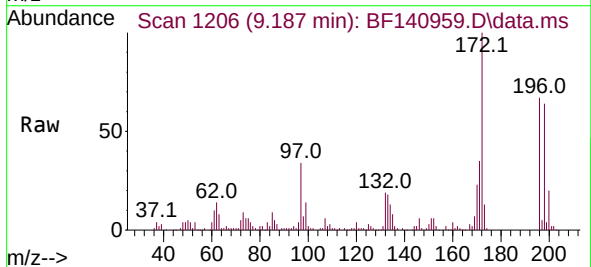
Manual Integrations
APPROVED

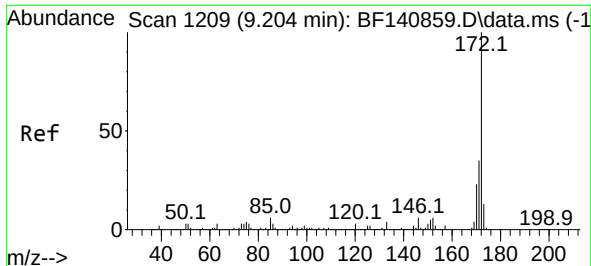
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#44
2,4,5-Trichlorophenol
Concen: 37.641 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:196 Resp: 113791
Ion Ratio Lower Upper
196 100
198 96.2 77.2 115.8
97 51.3 42.2 63.4
132 28.7 23.1 34.7





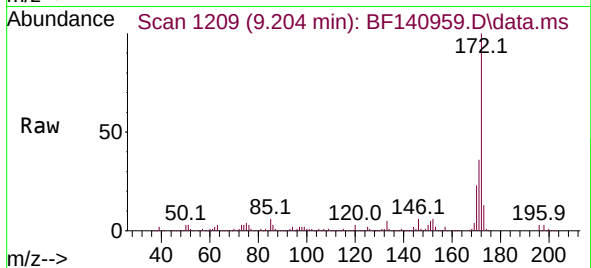
#45
2-Fluorobiphenyl
Concen: 76.352 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

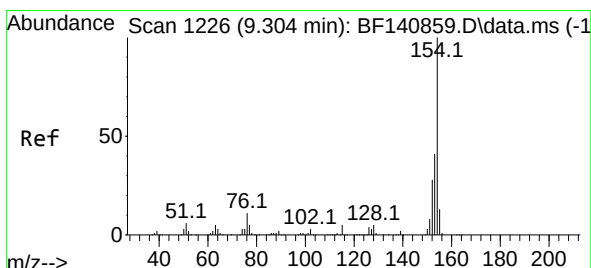
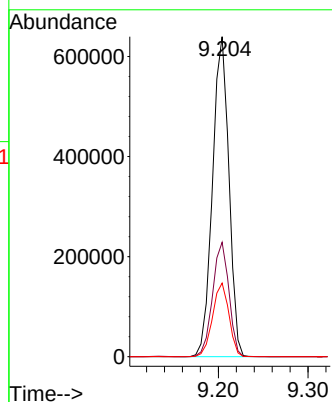
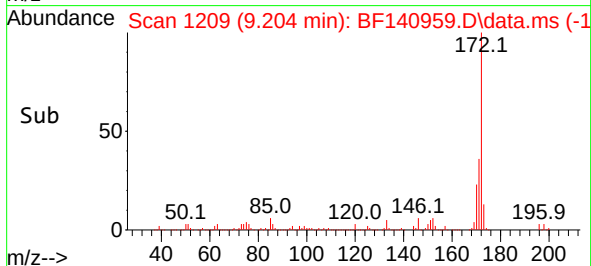


Tgt Ion:172 Resp: 811564
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.0 18.6 28.0

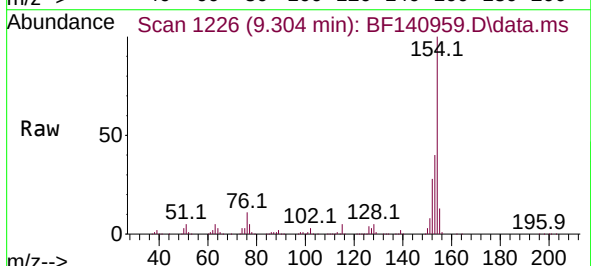
Manual Integrations

APPROVED

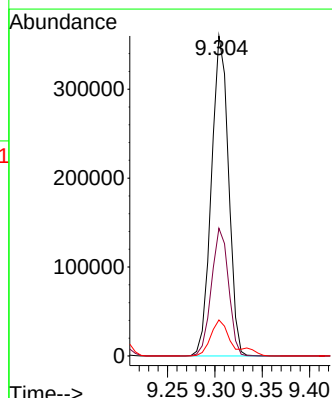
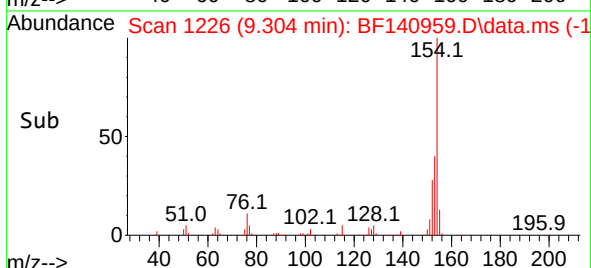
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

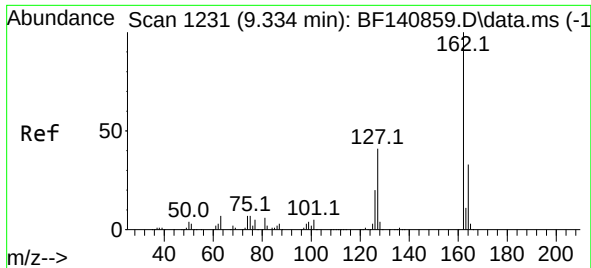


#46
1,1'-Biphenyl
Concen: 38.834 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion:154 Resp: 451267
Ion Ratio Lower Upper
154 100
153 39.9 20.8 60.8
76 11.2 0.0 31.0





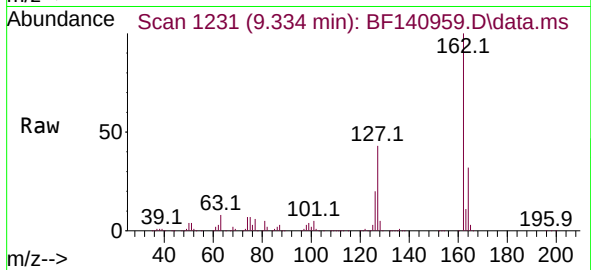
#47
2-Chloronaphthalene
Concen: 39.139 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

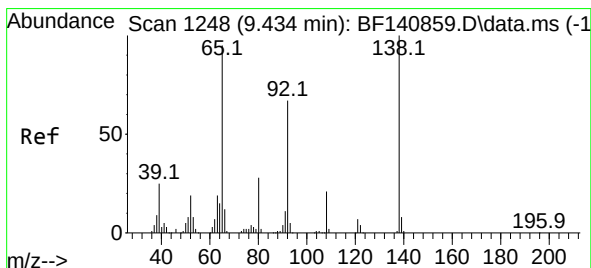
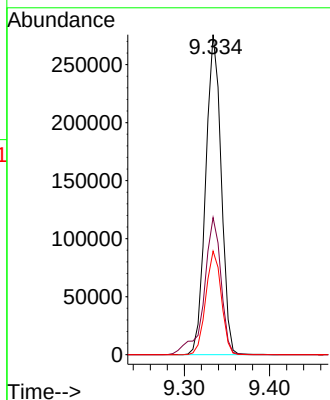
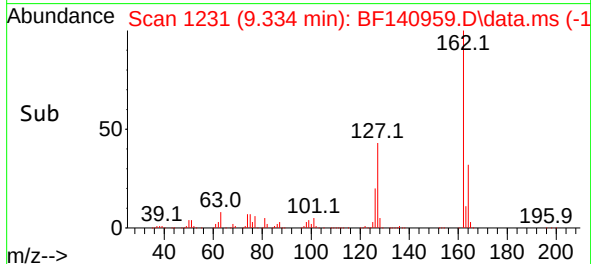


Tgt Ion:162 Resp: 347940
Ion Ratio Lower Upper
162 100
127 42.9 33.5 50.3
164 32.3 26.2 39.2

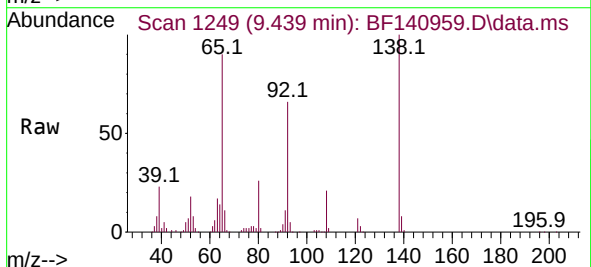
Manual Integrations

APPROVED

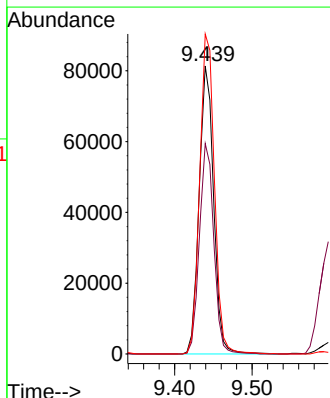
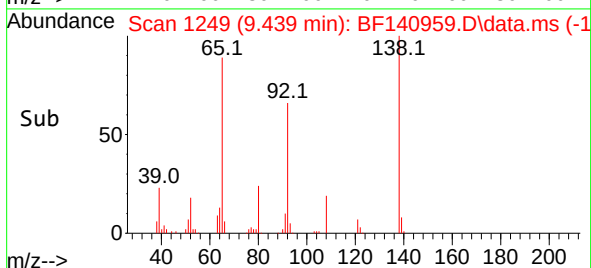
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

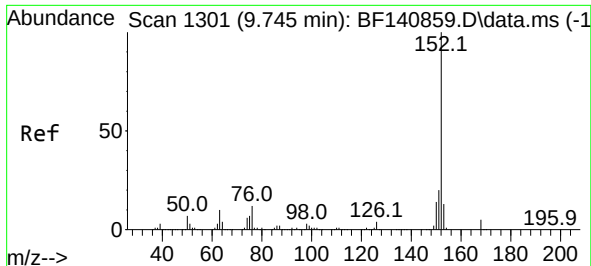


#48
2-Nitroaniline
Concen: 39.384 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion: 65 Resp: 105740
Ion Ratio Lower Upper
65 100
92 73.0 56.3 84.5
138 111.1 83.8 125.6





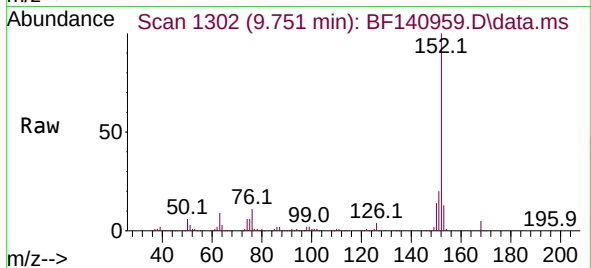
#49
Acenaphthylene
Concen: 40.003 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

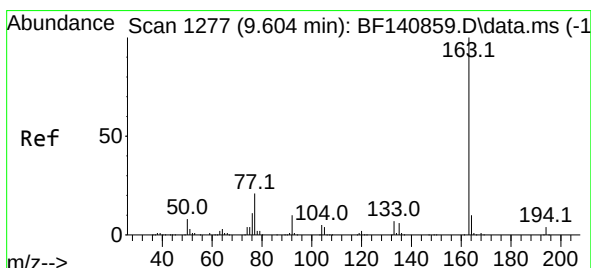
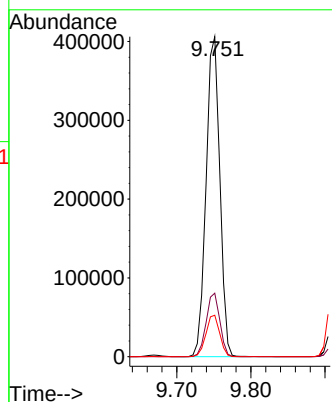
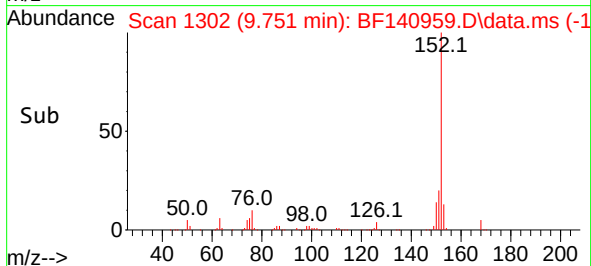


Tgt Ion:152 Resp: 522615
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.0 10.6 16.0

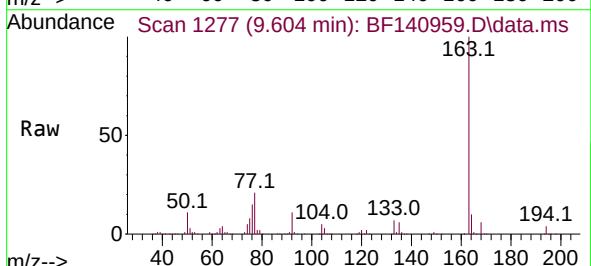
Manual Integrations

APPROVED

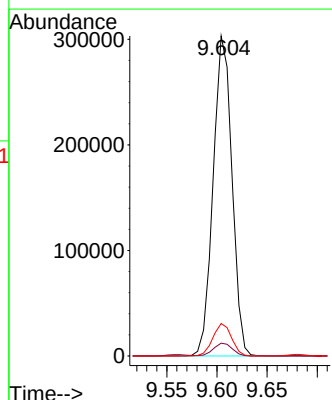
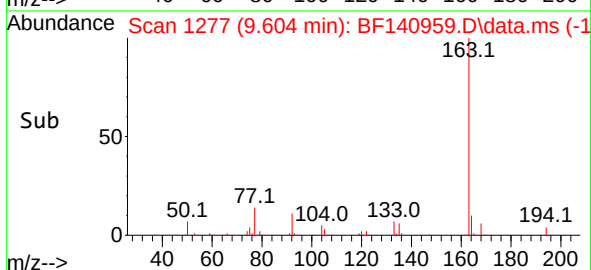
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

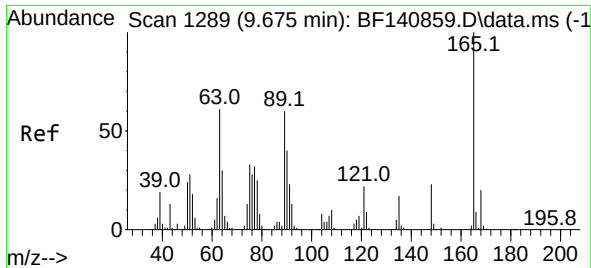


#50
Dimethylphthalate
Concen: 38.322 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion:163 Resp: 394835
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 39.767 ng
RT: 9.681 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

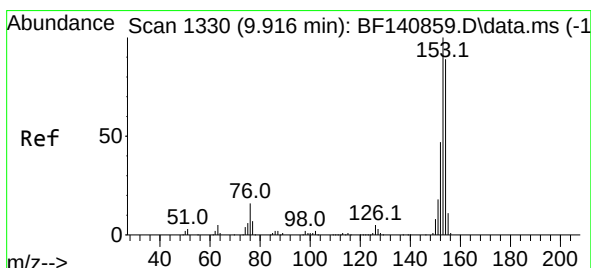
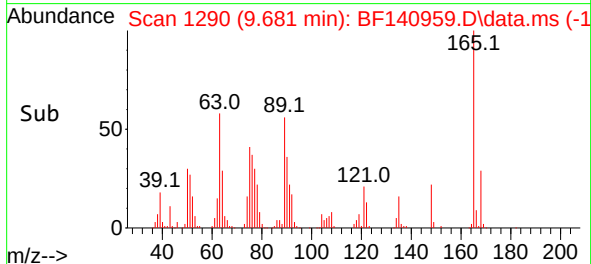
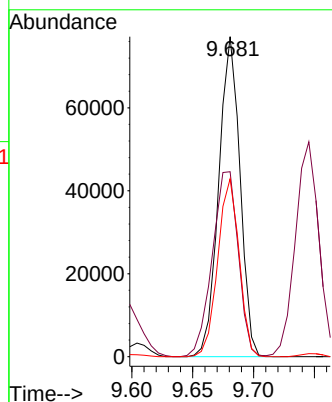
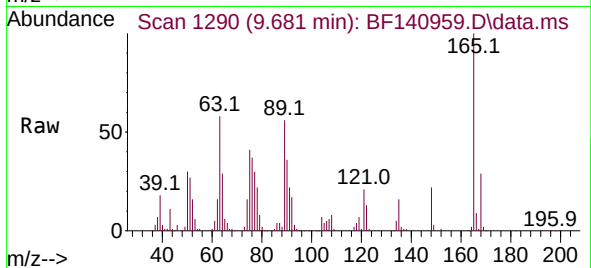
SSTDCCC040EC

Tgt Ion:165 Resp: 93660
Ion Ratio Lower Upper
165 100
63 57.8 49.7 74.5
89 55.6 48.2 72.4

Manual Integrations

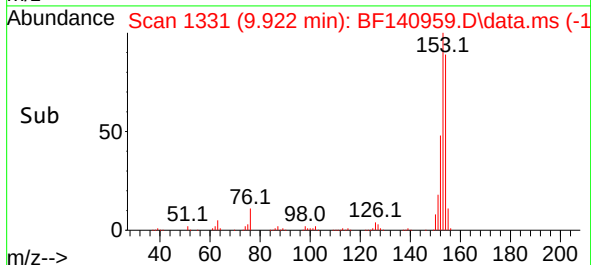
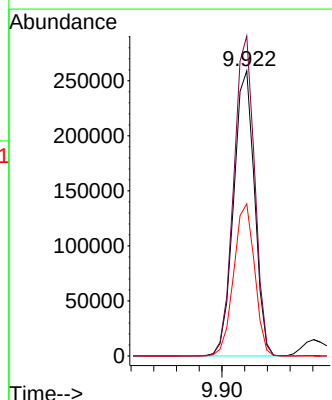
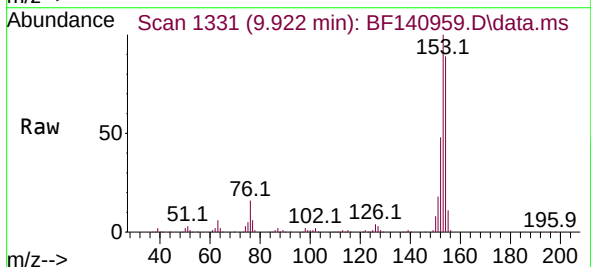
APPROVED

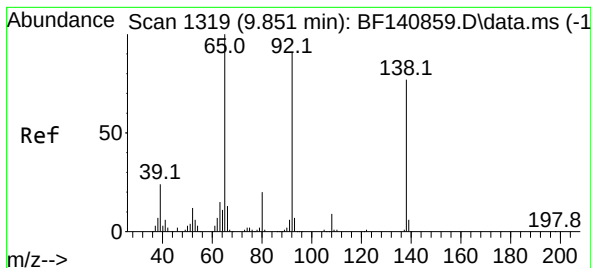
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#52
Acenaphthene
Concen: 39.664 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:154 Resp: 331006
Ion Ratio Lower Upper
154 100
153 112.3 89.9 134.9
152 53.4 42.6 63.8





#53

3-Nitroaniline

Concen: 41.485 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

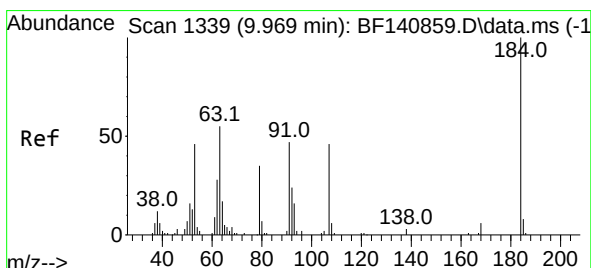
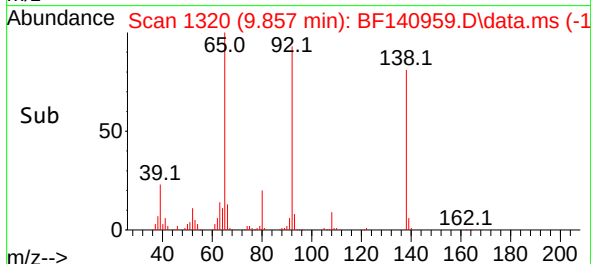
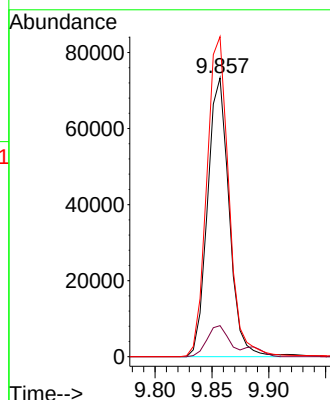
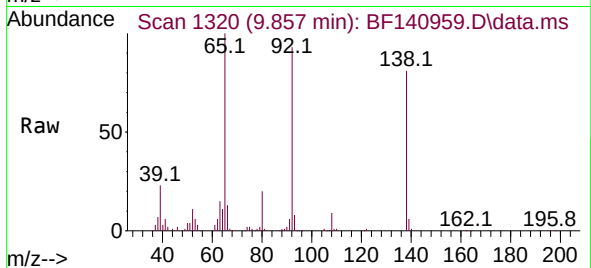
Tgt Ion:138 Resp: 9696

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	114.8	95.5	143.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#54

2,4-Dinitrophenol

Concen: 43.346 ng

RT: 9.981 min Scan# 1341

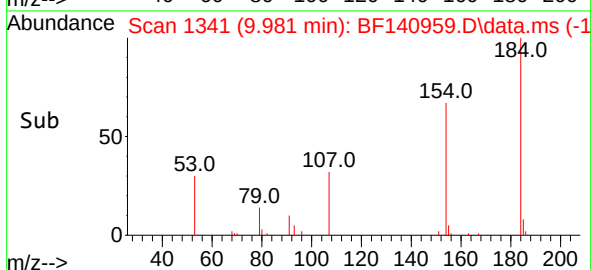
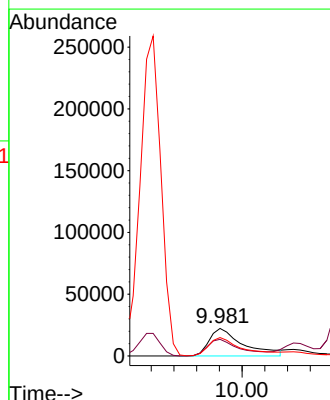
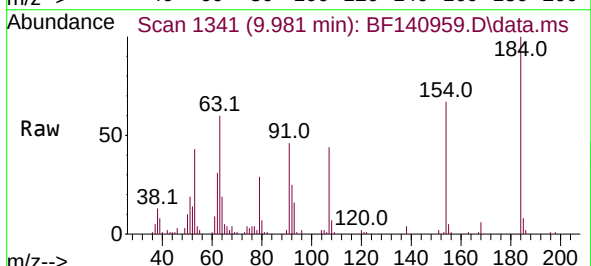
Delta R.T. 0.012 min

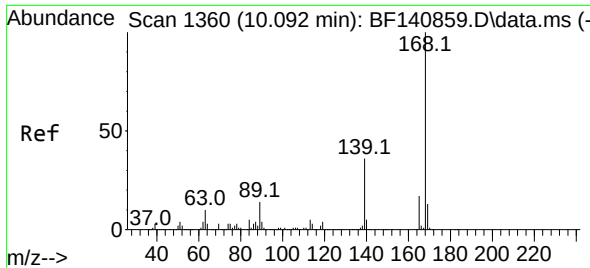
Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Tgt Ion:184 Resp: 46064

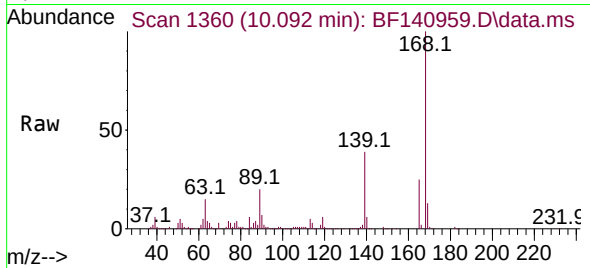
Ion	Ratio	Lower	Upper
184	100		
63	60.2	51.6	77.4
154	66.7	56.1	84.1





#55
Dibenzenofuran
Concen: 38.647 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

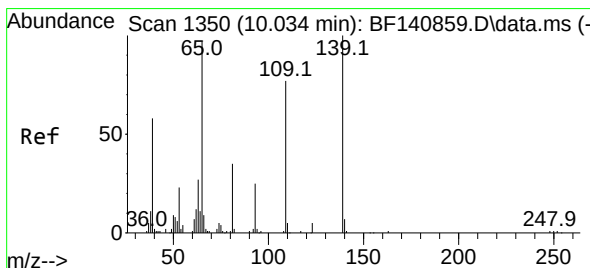
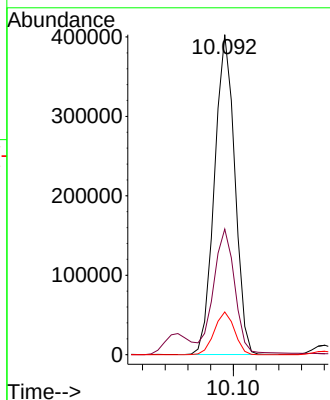
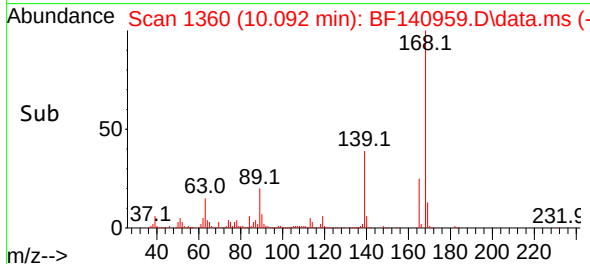
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 49975
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 13.3 10.6 16.0

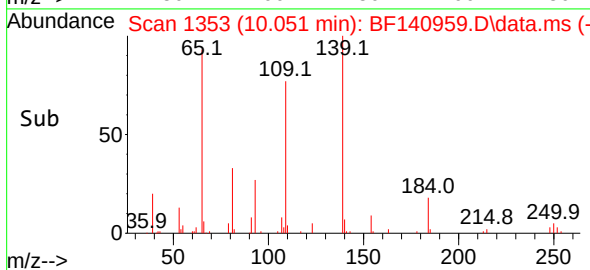
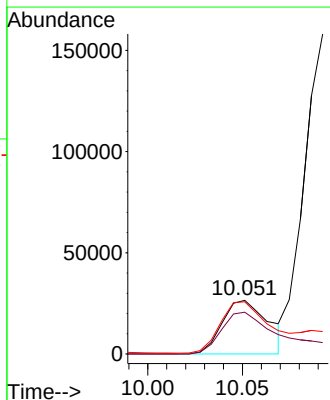
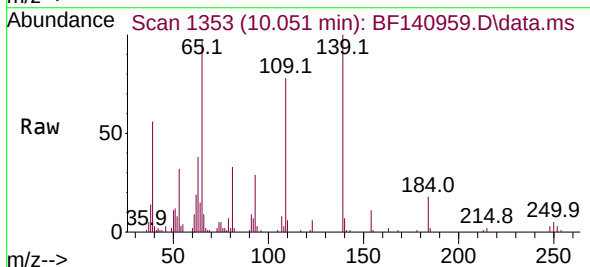
Manual Integrations
APPROVED

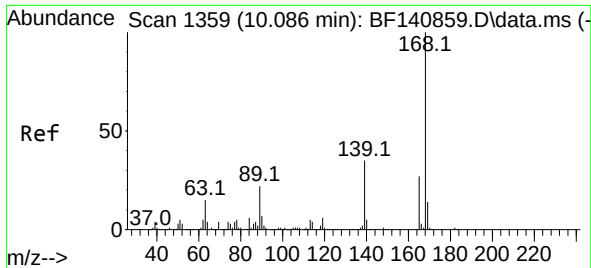
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#56
4-Nitrophenol
Concen: 37.930 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

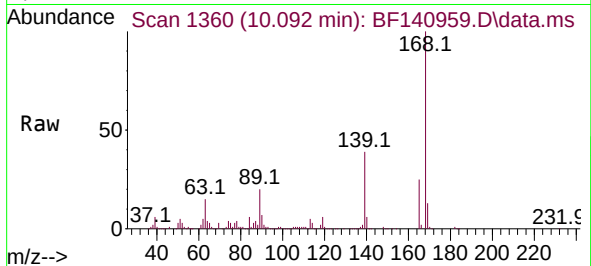
Tgt Ion:139 Resp: 44580
Ion Ratio Lower Upper
139 100
109 77.9 56.7 96.7
65 97.2 78.1 118.1





#57
2,4-Dinitrotoluene
Concen: 40.439 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

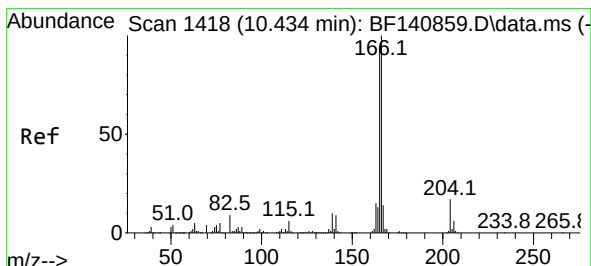
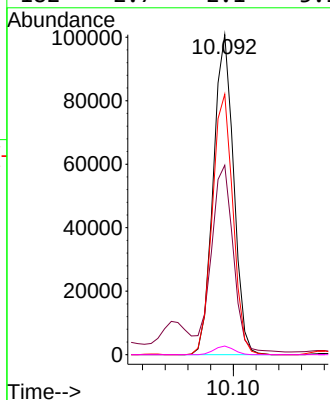
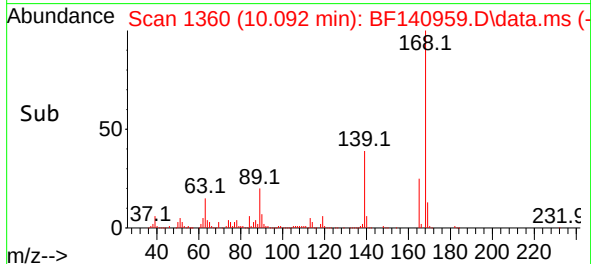
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:165 Resp: 125320
Ion Ratio Lower Upper
165 100
63 59.2 49.3 73.9
89 81.4 66.2 99.4
182 2.7 2.1 3.1

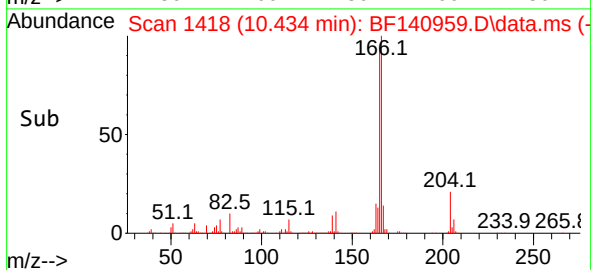
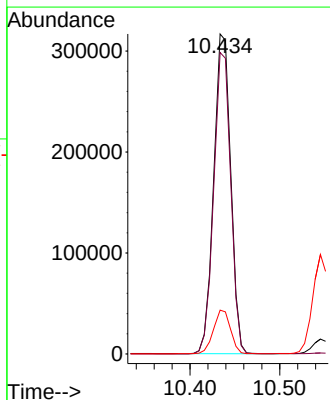
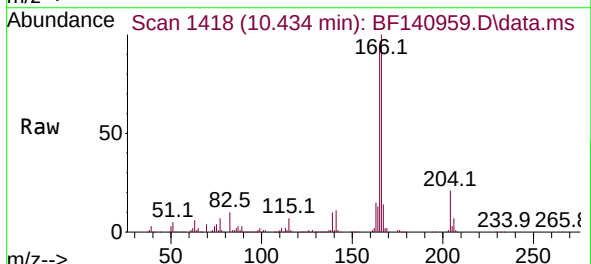
Manual Integrations
APPROVED

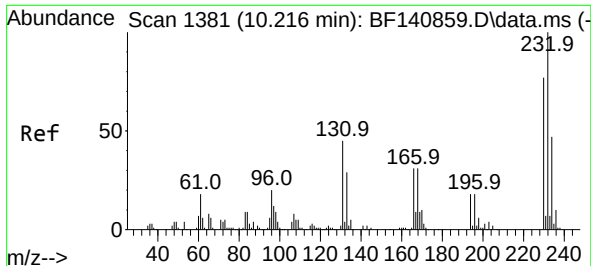
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#58
Fluorene
Concen: 39.048 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

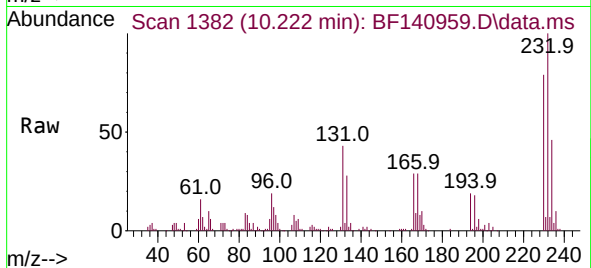
Tgt Ion:166 Resp: 416576
Ion Ratio Lower Upper
166 100
165 94.2 75.1 112.7
167 13.7 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.667 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

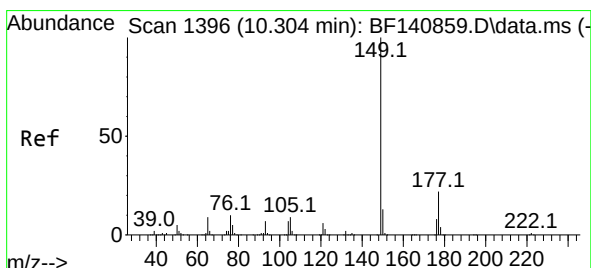
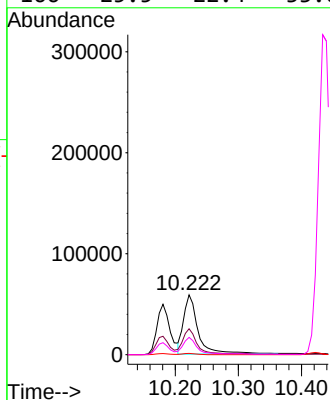
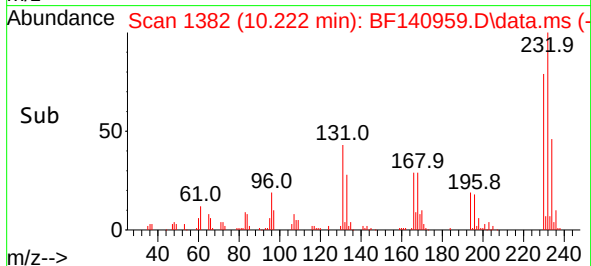
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 92785
Ion Ratio Lower Upper
232 100
131 39.5 35.1 52.7
130 2.1 1.8 2.8
166 25.5 22.4 33.6

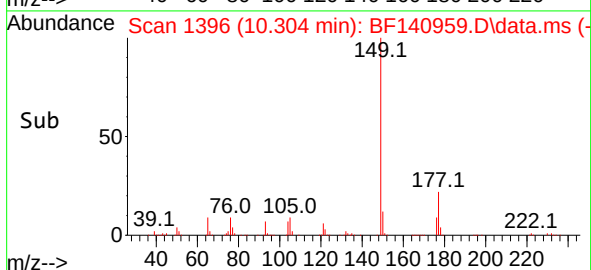
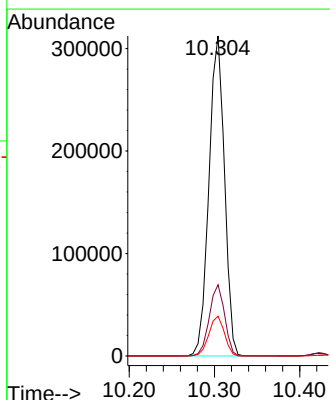
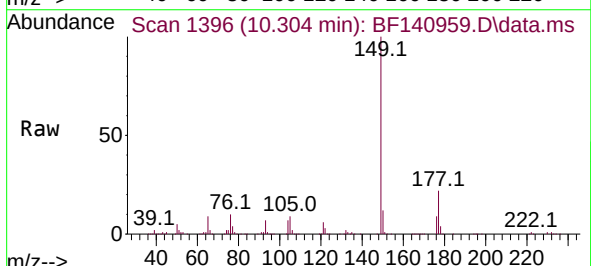
Manual Integrations
APPROVED

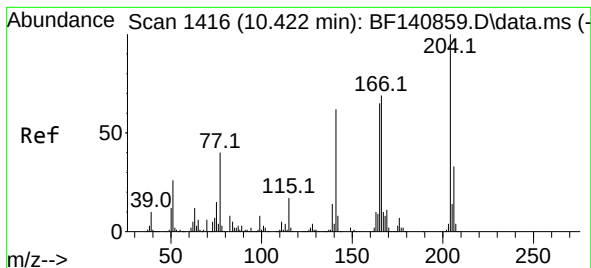
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#60
Diethylphthalate
Concen: 37.002 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

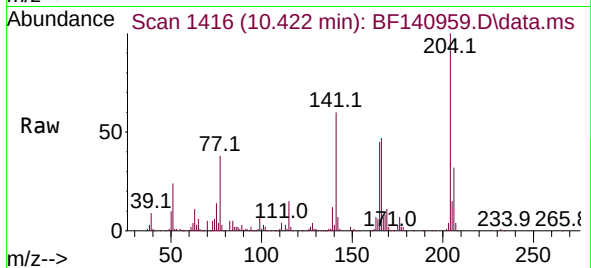
Tgt Ion:149 Resp: 395324
Ion Ratio Lower Upper
149 100
177 22.3 17.2 25.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 37.979 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

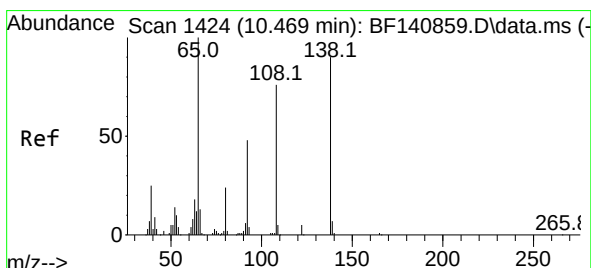
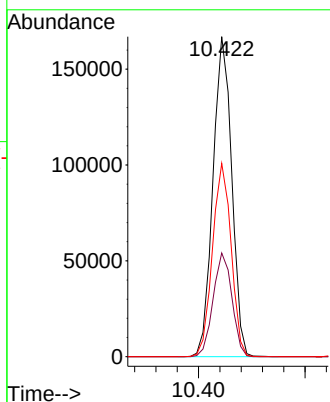
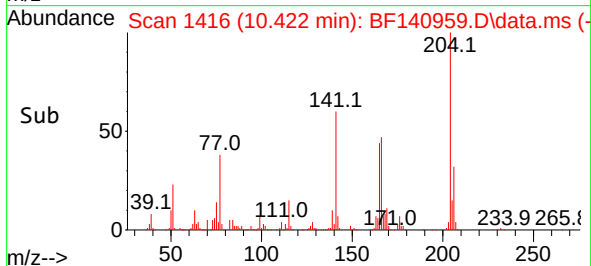
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



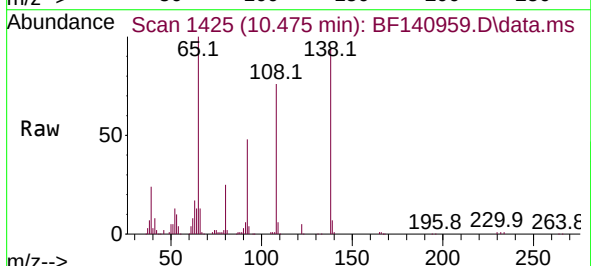
Tgt Ion:204 Resp: 203520
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 60.4 50.0 75.0

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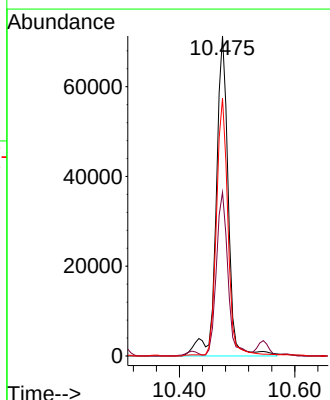
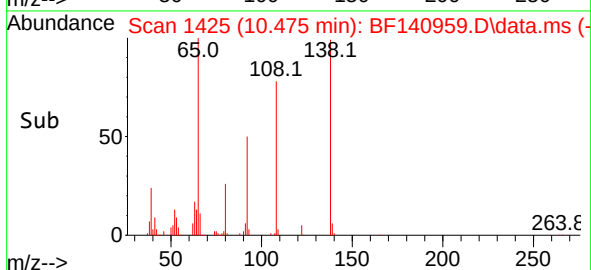
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

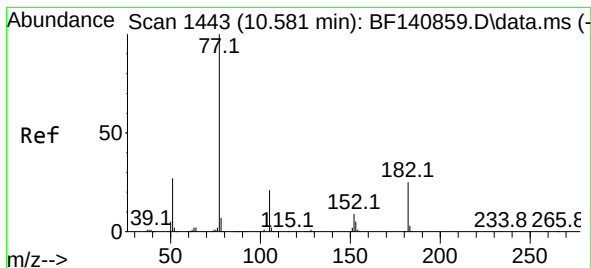


#62
4-Nitroaniline
Concen: 42.614 ng m
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



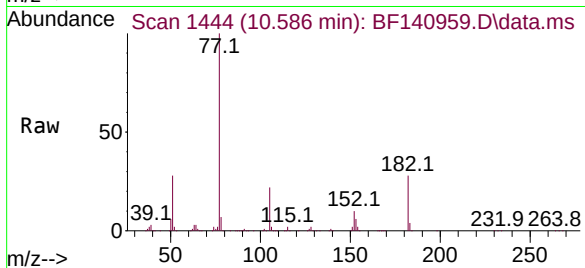
Tgt Ion:138 Resp: 104090
Ion Ratio Lower Upper
138 100
92 51.2 32.6 72.6
108 80.5 64.1 104.1





#63
Azobenzene
Concen: 36.682 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

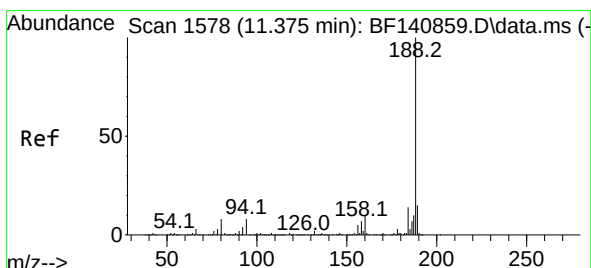
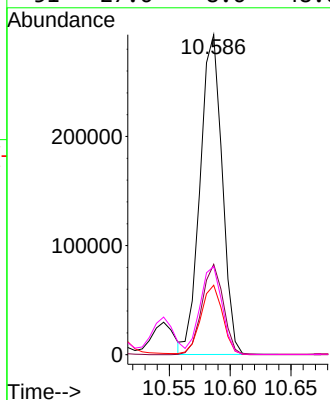
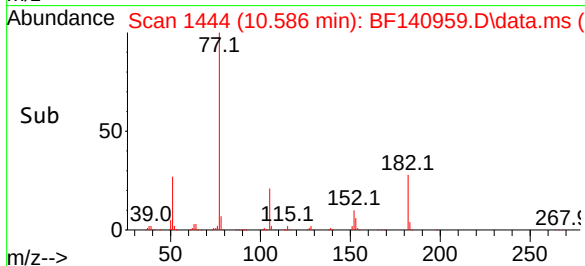
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



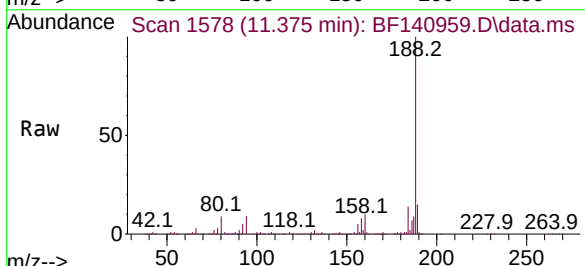
Tgt Ion: 77 Resp: 368430
Ion Ratio Lower Upper
77 100
182 28.3 4.5 44.5
105 21.7 0.9 40.9
51 27.6 8.6 48.6

Manual Integrations
APPROVED

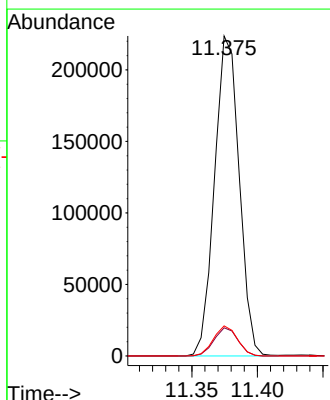
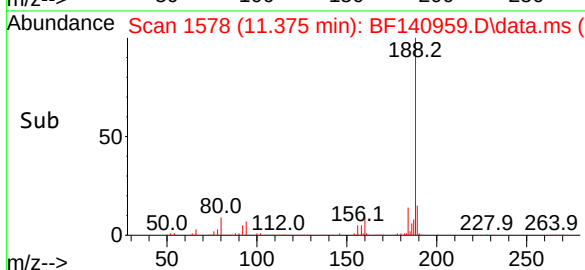
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

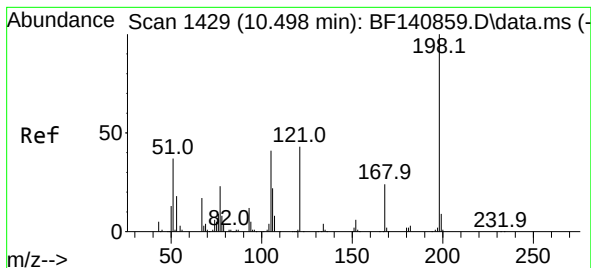


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion:188 Resp: 291861
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.4 6.8 10.2





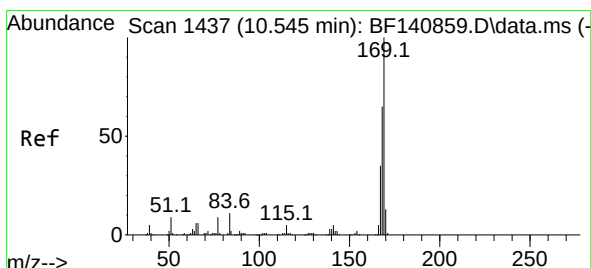
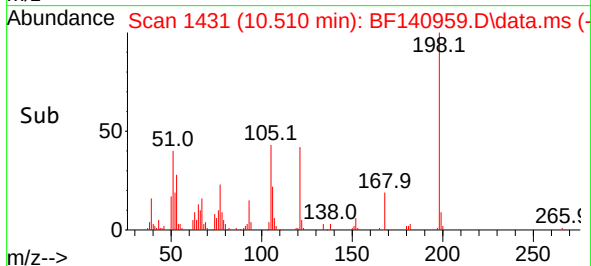
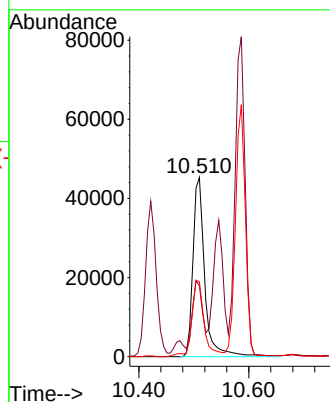
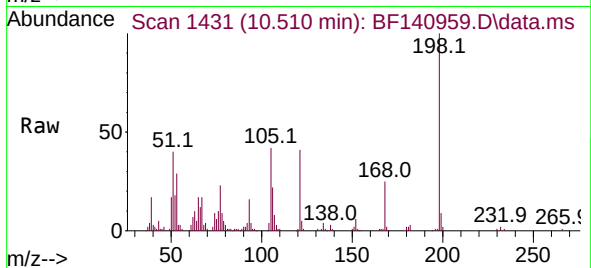
#65
4,6-Dinitro-2-methylphenol
Concen: 40.900 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 6764
Ion Ratio Lower Upper
198 100
51 39.6 24.4 64.4
105 41.8 22.1 62.1

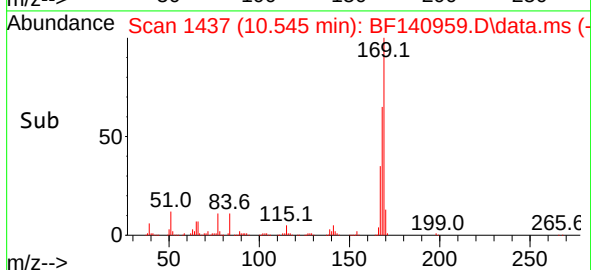
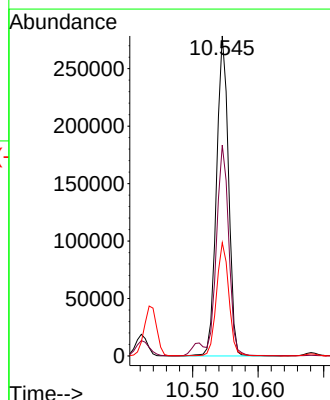
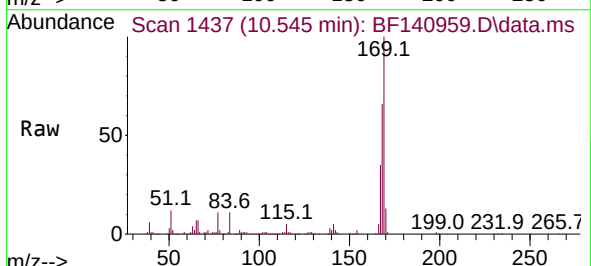
Manual Integrations
APPROVED

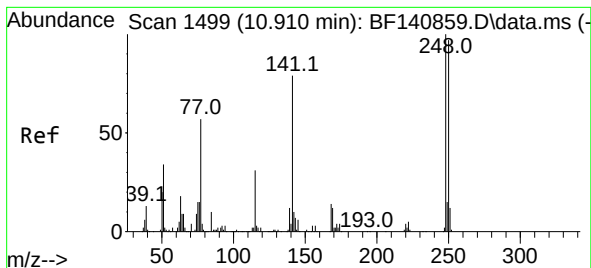
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#66
n-Nitrosodiphenylamine
Concen: 39.380 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:169 Resp: 353375
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 35.4 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 38.203 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

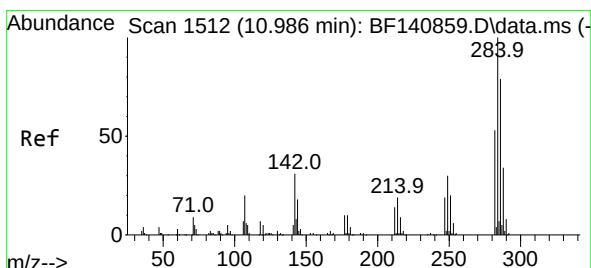
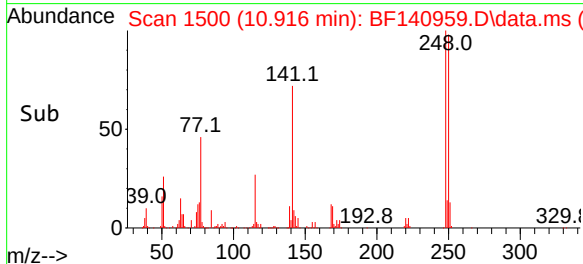
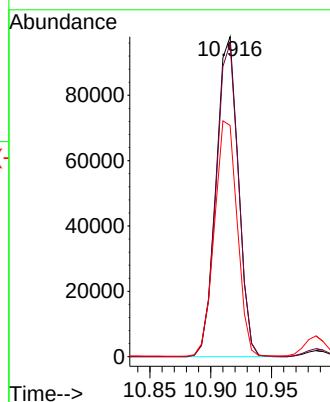
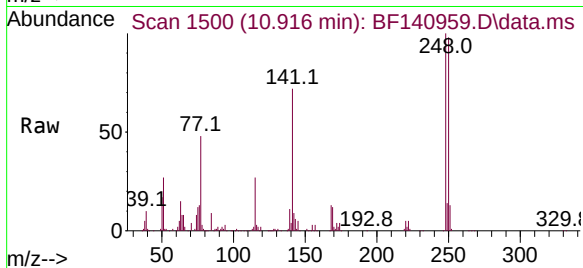
SSTDCCC040EC

Tgt Ion:248 Resp: 124730
Ion Ratio Lower Upper
248 100
250 97.8 77.4 116.2
141 72.3 62.9 94.3

Manual Integrations

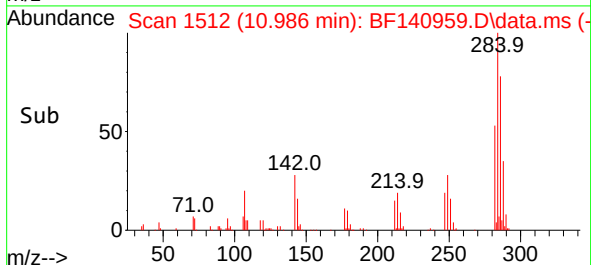
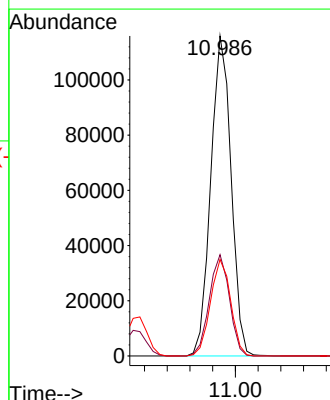
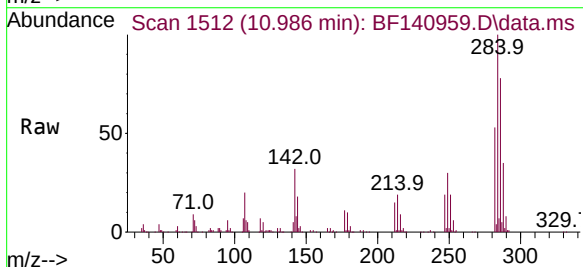
APPROVED

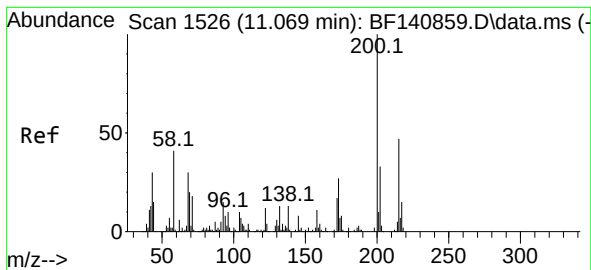
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#68
Hexachlorobenzene
Concen: 38.882 ng
RT: 10.986 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:284 Resp: 143941
Ion Ratio Lower Upper
284 100
142 31.7 24.6 36.8
249 30.1 24.3 36.5





#69

Atrazine

Concen: 33.792 ng

RT: 11.069 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

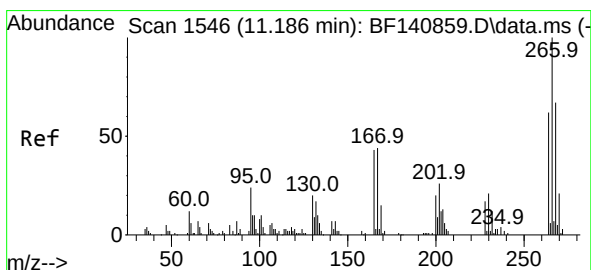
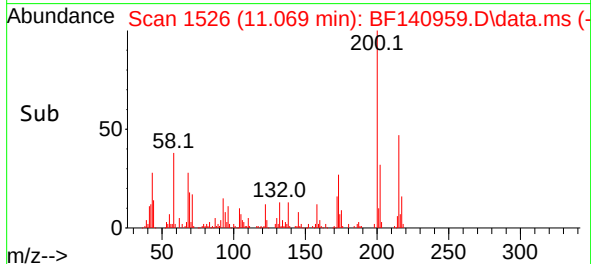
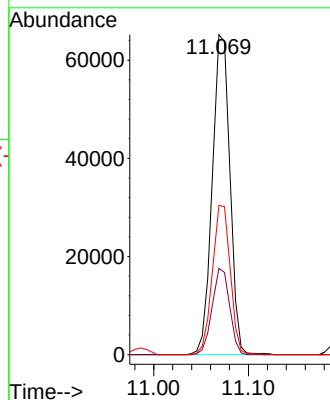
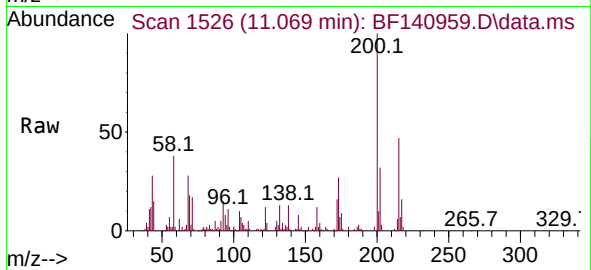
SSTDCCC040EC

Tgt Ion:200 Resp: 84689
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.6 46.6
 215 46.7 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



#70

Pentachlorophenol

Concen: 32.340 ng

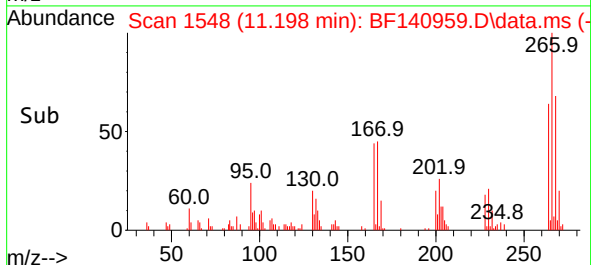
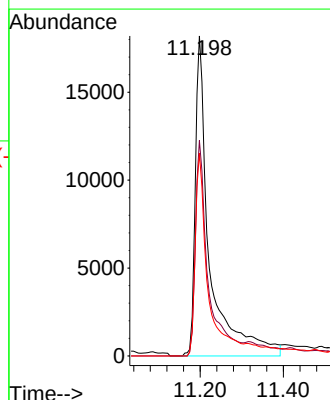
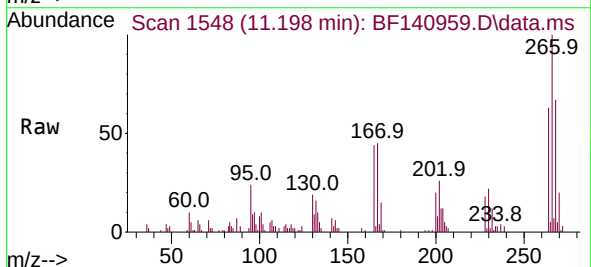
RT: 11.198 min Scan# 1548

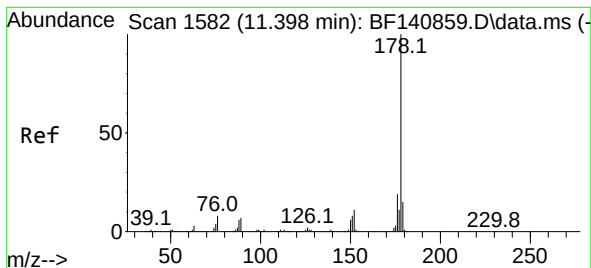
Delta R.T. 0.012 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Tgt Ion:266 Resp: 43771
 Ion Ratio Lower Upper
 266 100
 268 67.4 54.0 81.0
 264 63.3 49.4 74.2





#71

Phenanthrene

Concen: 39.689 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

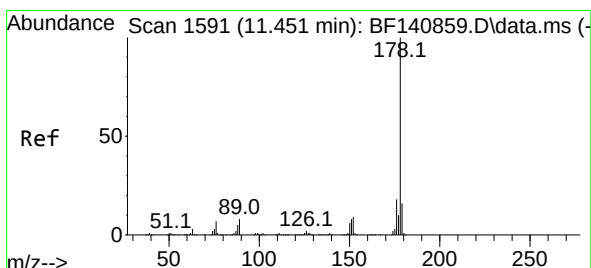
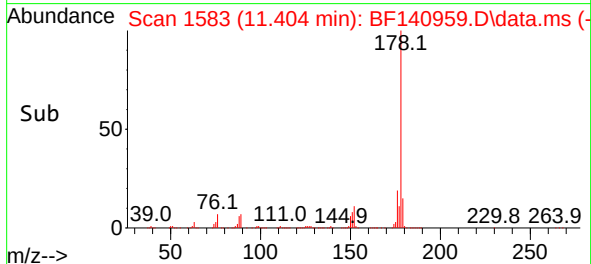
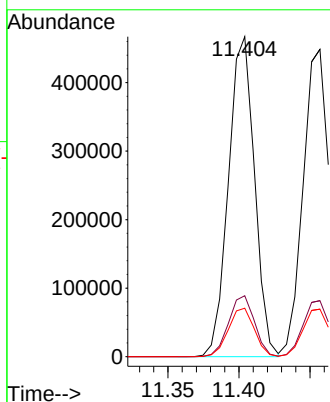
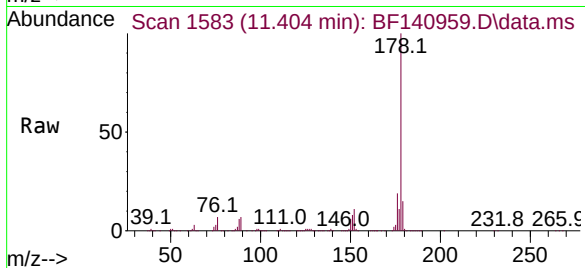
Tgt Ion:178 Resp: 595679

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.1	12.1	18.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#72

Anthracene

Concen: 39.262 ng

RT: 11.457 min Scan# 1592

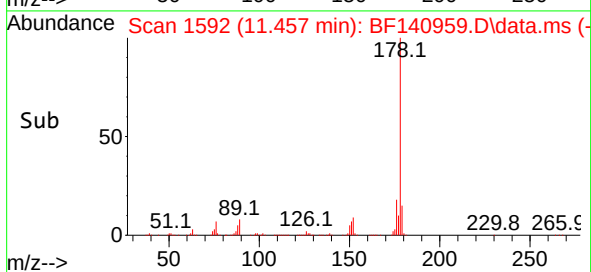
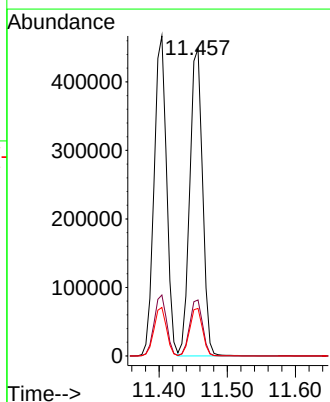
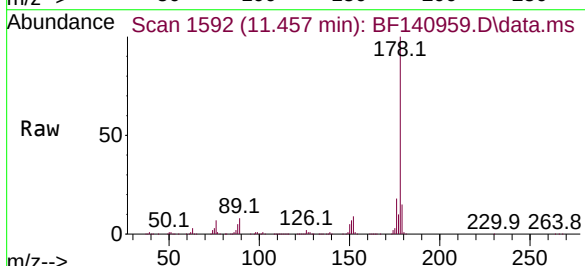
Delta R.T. 0.006 min

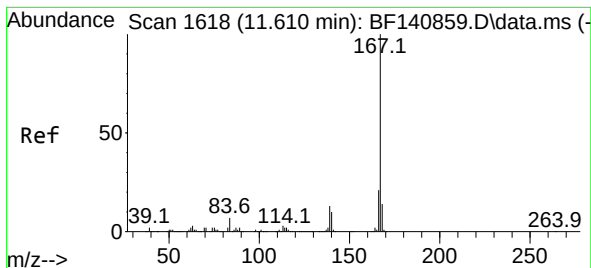
Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Tgt Ion:178 Resp: 580319

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.5	12.6	18.8





#73

Carbazole

Concen: 40.420 ng

RT: 11.616 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:167 Resp: 585180

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

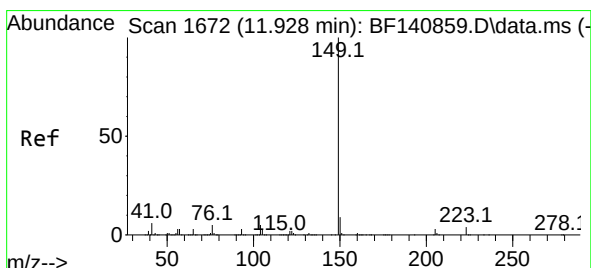
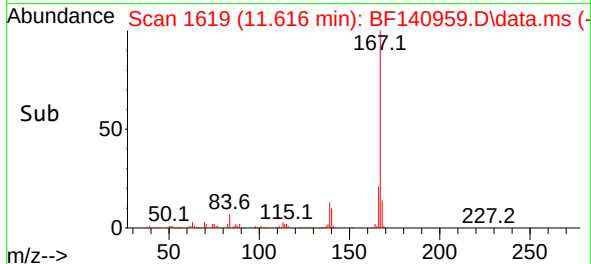
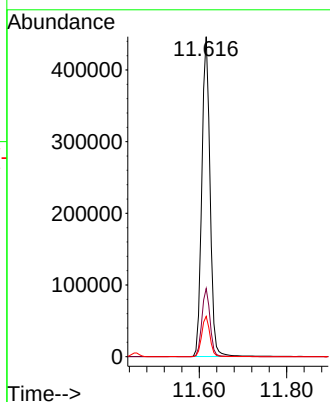
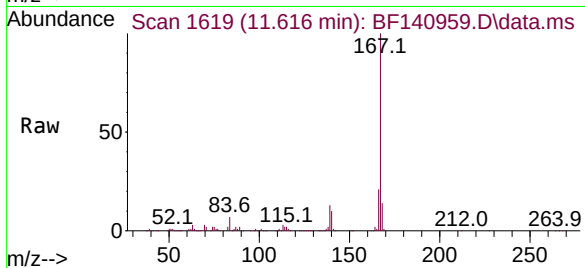
139 12.6 10.2 15.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024

Supervised By :mohammad ahmed 12/24/2024



#74

Di-n-butylphthalate

Concen: 38.065 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

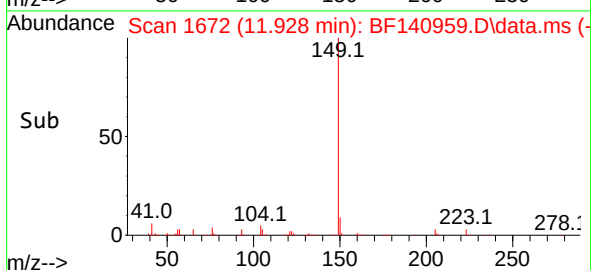
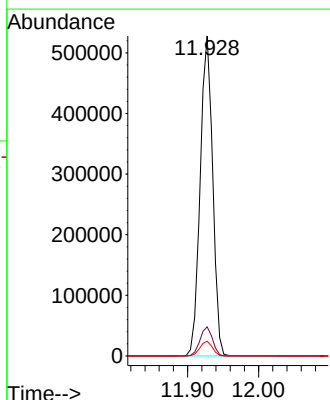
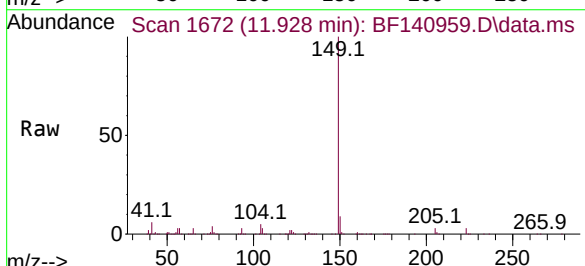
Tgt Ion:149 Resp: 646754

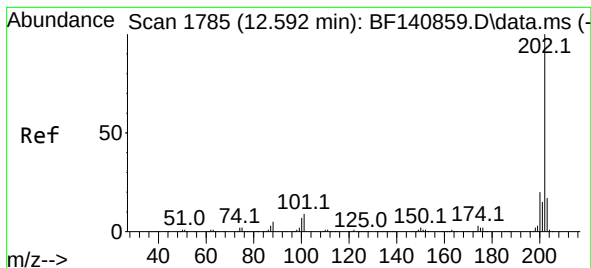
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 41.145 ng

RT: 12.598 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140959.D

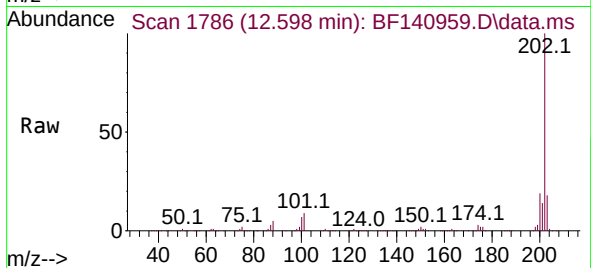
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:202 Resp: 711190

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.3

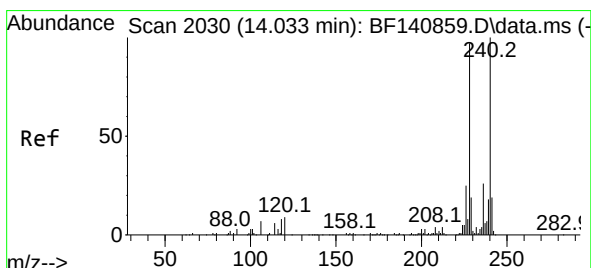
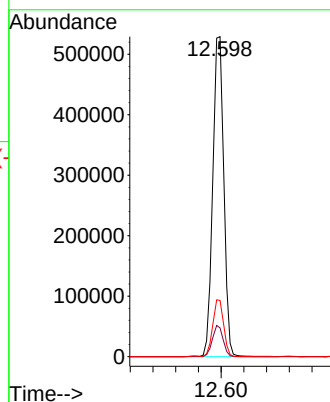
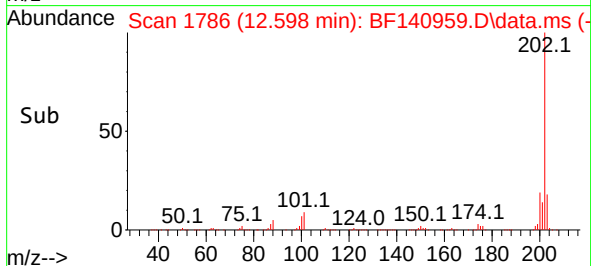
203 17.6 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024

Supervised By :mohammad ahmed 12/24/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

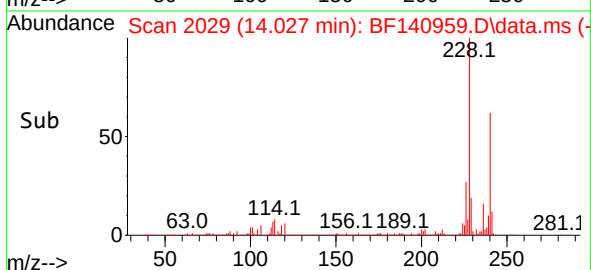
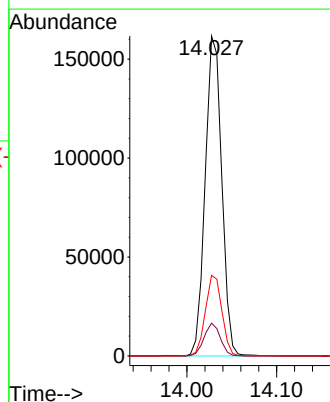
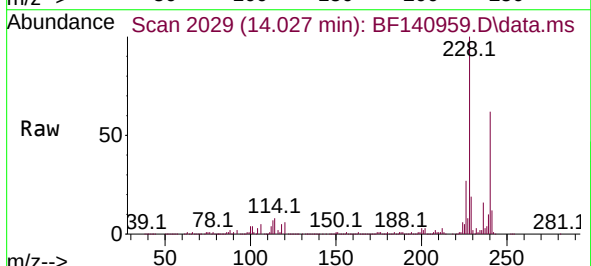
Tgt Ion:240 Resp: 207326

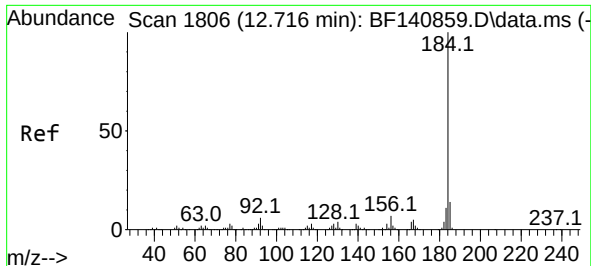
Ion Ratio Lower Upper

240 100

120 10.3 7.6 11.4

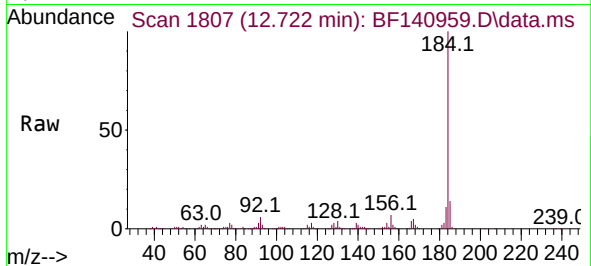
236 25.2 20.5 30.7





#77
Benzidine
Concen: 43.643 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

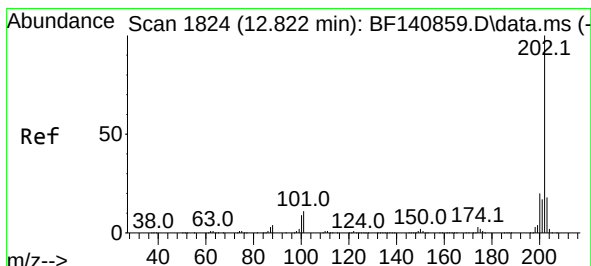
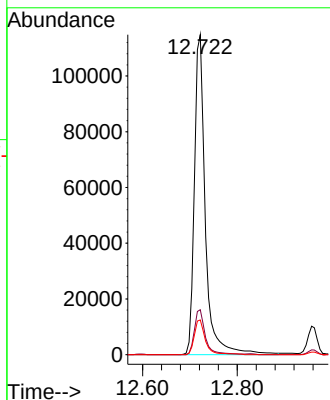
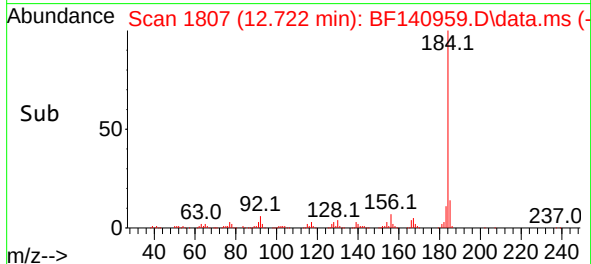
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



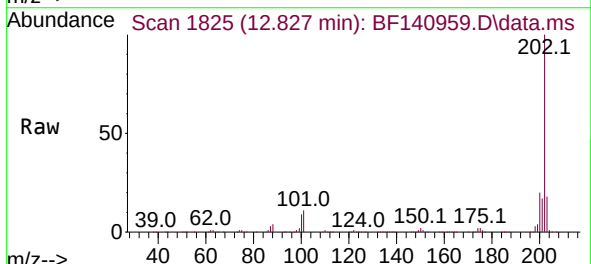
Tgt Ion:184 Resp: 184675
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 10.9 9.0 13.4

Manual Integrations
APPROVED

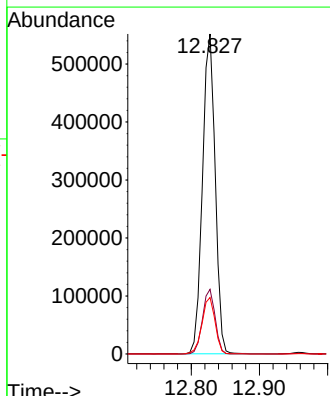
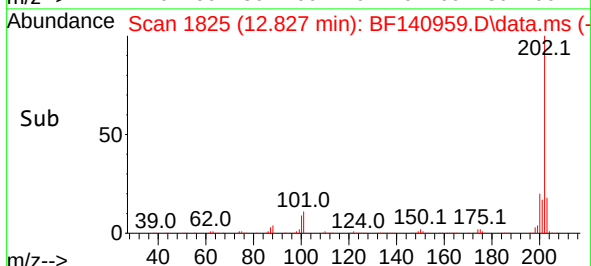
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

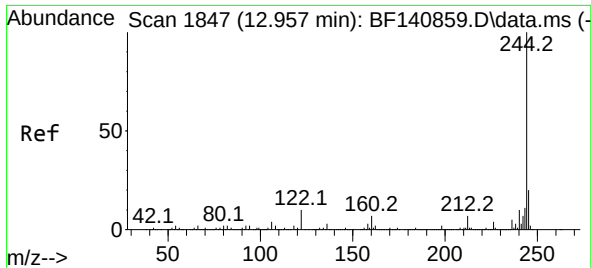


#78
Pyrene
Concen: 38.803 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion:202 Resp: 715402
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.7 14.2 21.4





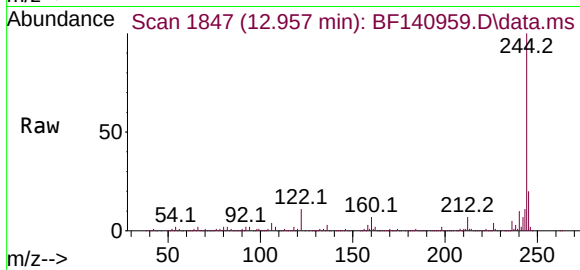
#79
 Terphenyl-d14
 Concen: 76.158 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: BF140959.D
 Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

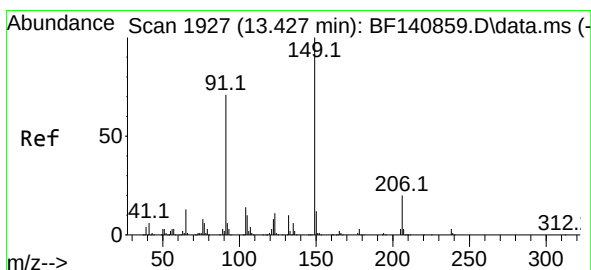
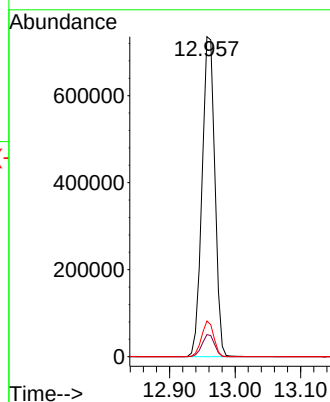
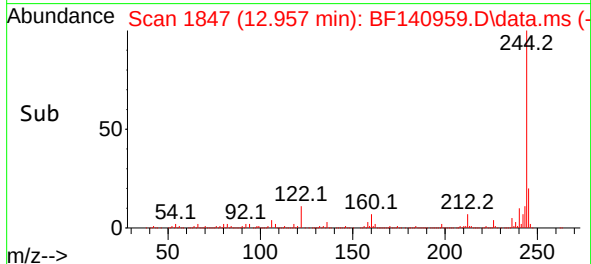


Tgt Ion:244 Resp: 1001320
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 8.2 12.2

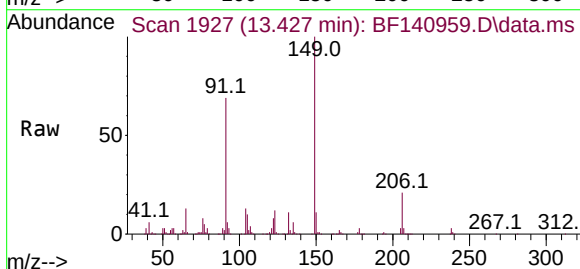
Manual Integrations

APPROVED

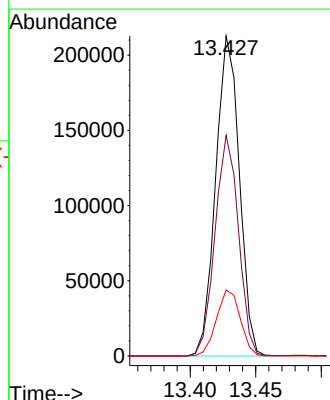
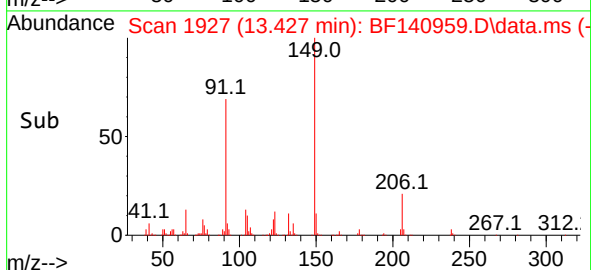
Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

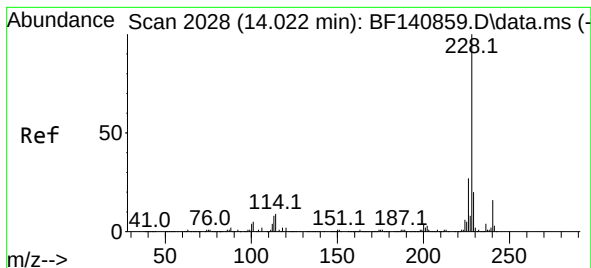


#80
 Butylbenzylphthalate
 Concen: 39.317 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF140959.D
 Acq: 20 Dec 2024 19:24



Tgt Ion:149 Resp: 266719
 Ion Ratio Lower Upper
 149 100
 91 68.9 56.7 85.1
 206 20.7 16.4 24.6





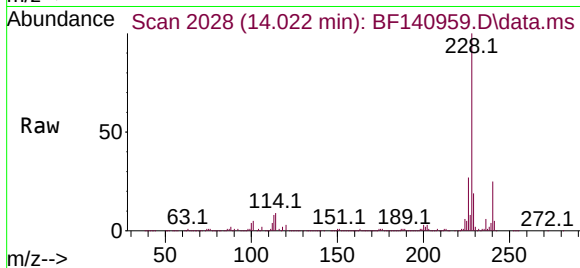
#81
Benzo(a)anthracene
Concen: 39.621 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

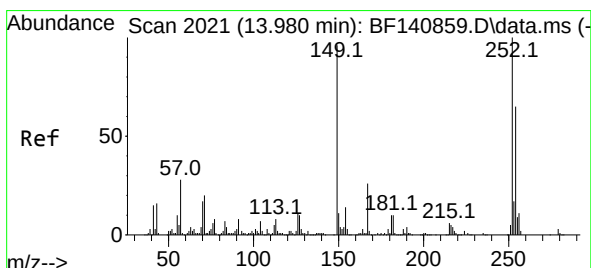
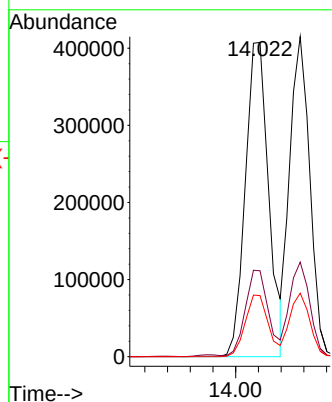
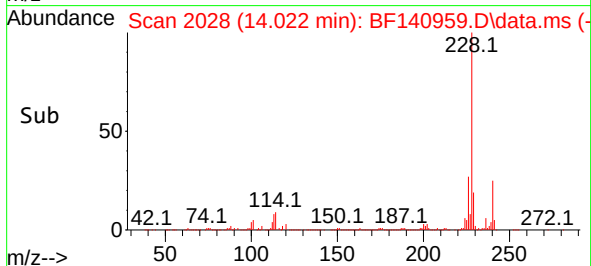


Tgt Ion:228 Resp: 582184
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.4 15.8 23.8

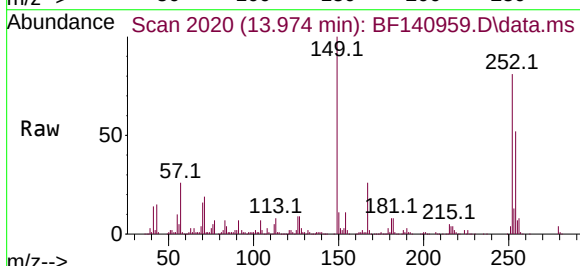
Manual Integrations

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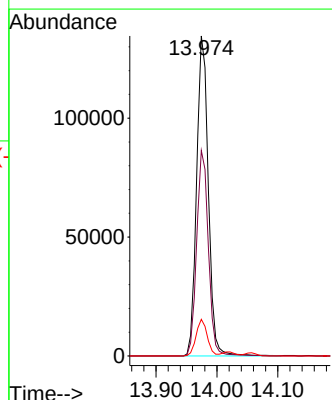
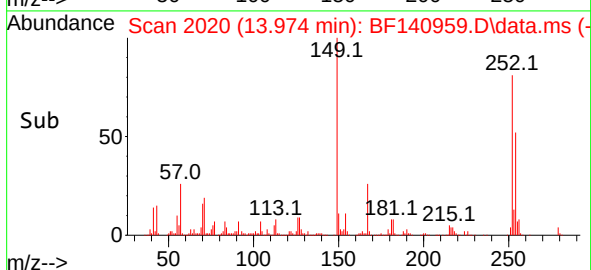
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

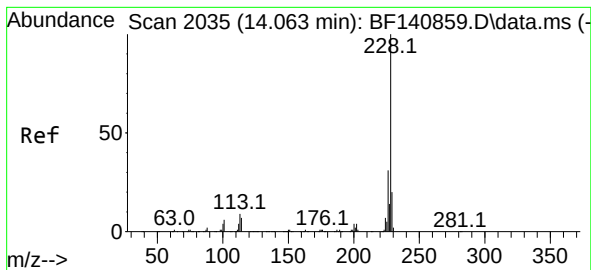


#82
3,3'-Dichlorobenzidine
Concen: 40.550 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion:252 Resp: 179769
Ion Ratio Lower Upper
252 100
254 64.2 52.3 78.5
126 11.5 8.4 12.6





#83

Chrysene

Concen: 38.074 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

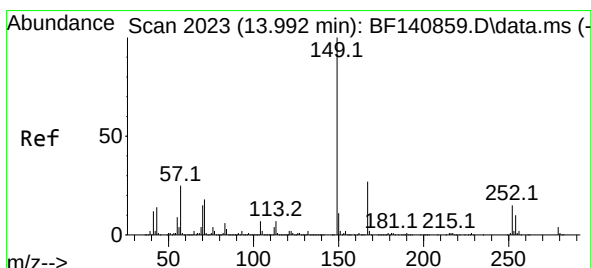
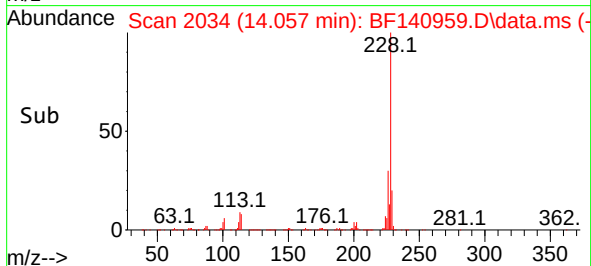
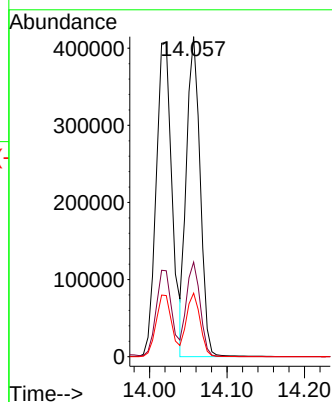
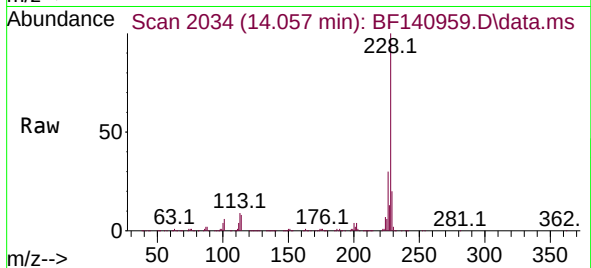
Tgt Ion:228 Resp: 50873

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.8	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.465 ng

RT: 13.980 min Scan# 2021

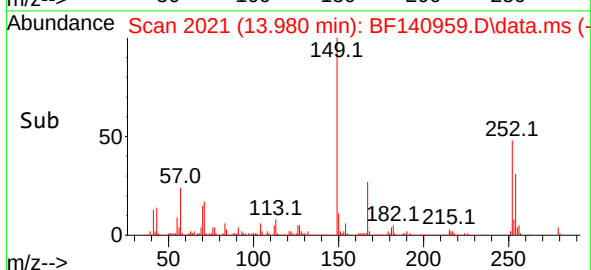
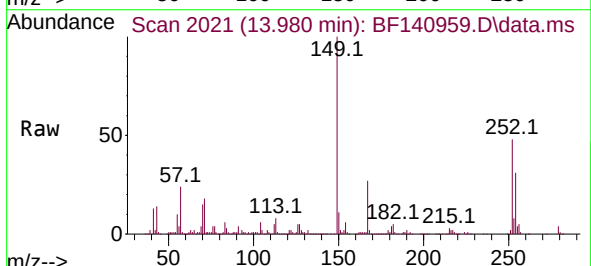
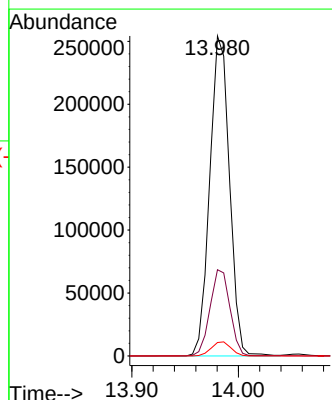
Delta R.T. -0.012 min

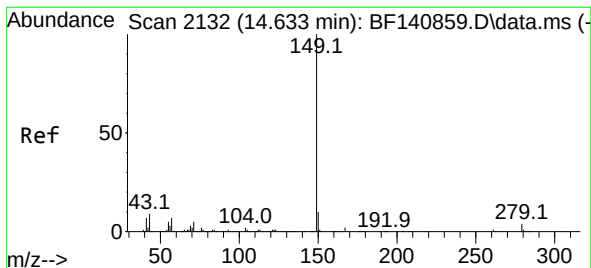
Lab File: BF140959.D

Acq: 20 Dec 2024 19:24

Tgt Ion:149 Resp: 327711

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	4.2	3.5	5.3





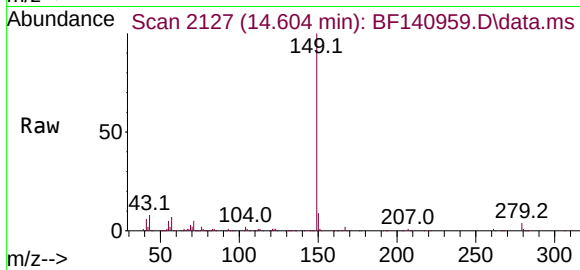
#85
Di-n-octyl phthalate
Concen: 33.196 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.029 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

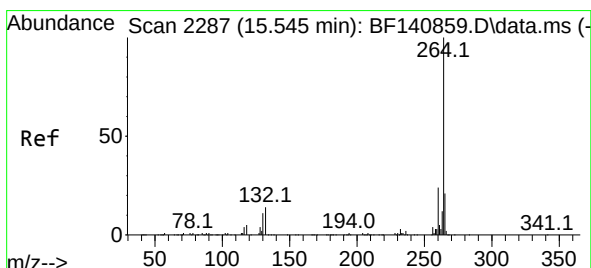
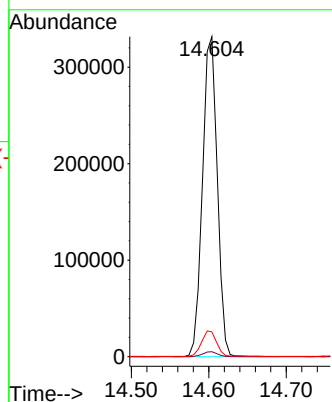
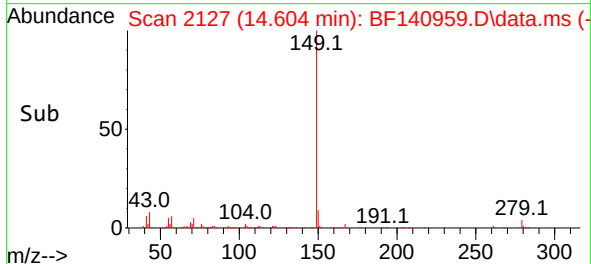


Tgt Ion:149 Resp: 43930
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 7.0 10.6

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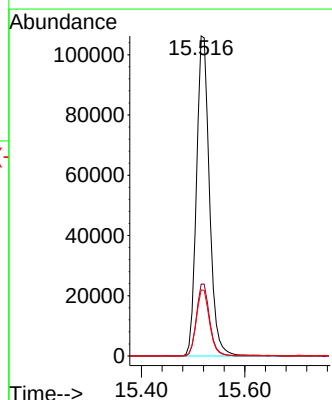
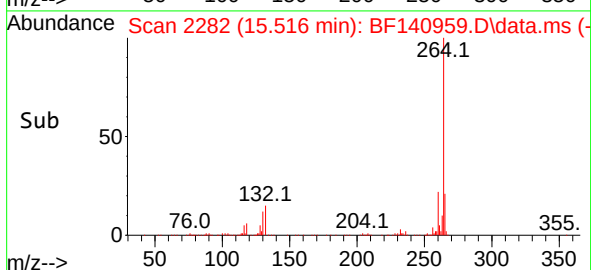
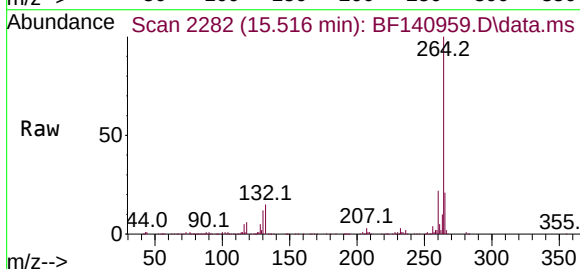
APPROVED

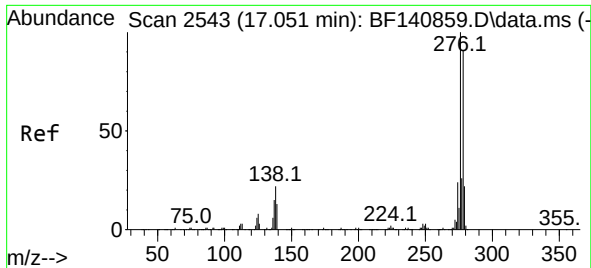
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2282
Delta R.T. -0.029 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Tgt Ion:264 Resp: 184556
Ion Ratio Lower Upper
264 100
260 22.5 19.1 28.7
265 20.7 17.0 25.4





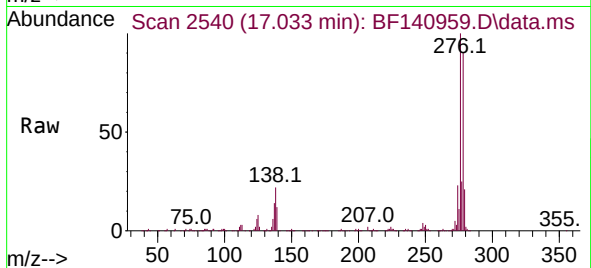
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.707 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

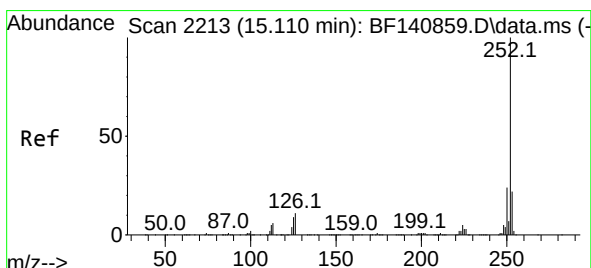
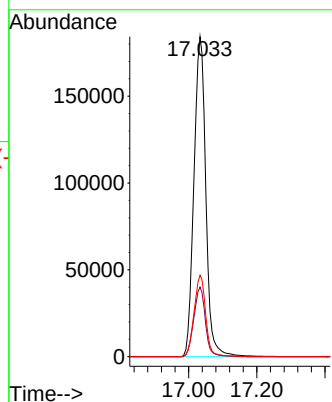
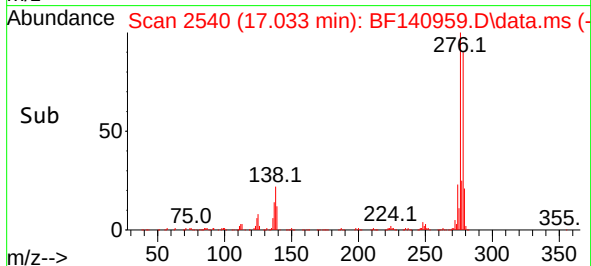


Tgt Ion:276 Resp: 44578
Ion Ratio Lower Upper
276 100
138 21.1 16.9 25.3
277 24.9 20.2 30.4

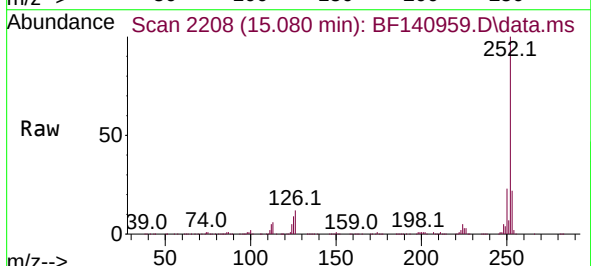
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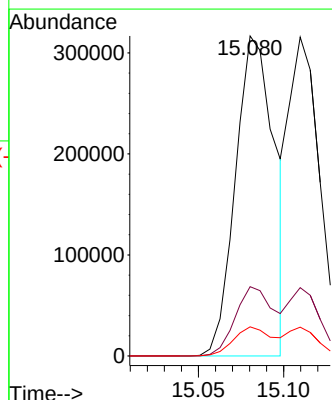
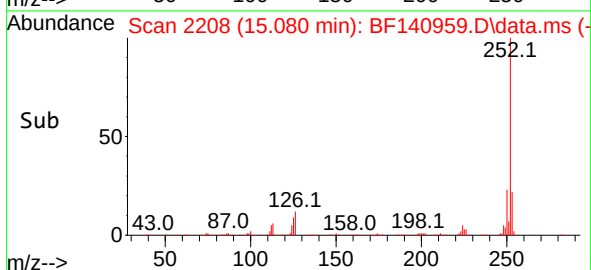
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

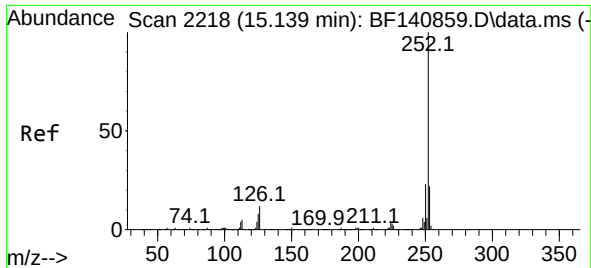


#88
Benzo(b)fluoranthene
Concen: 39.375 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.029 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion:252 Resp: 504436
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 9.1 7.0 10.4





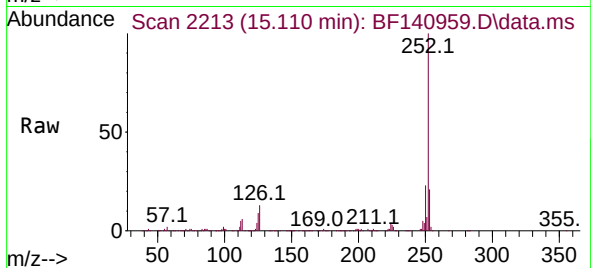
#89
Benzo(k)fluoranthene
Concen: 36.468 ng
RT: 15.110 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

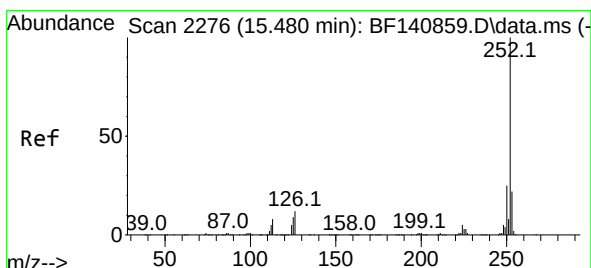
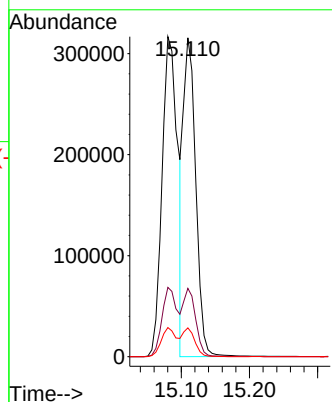
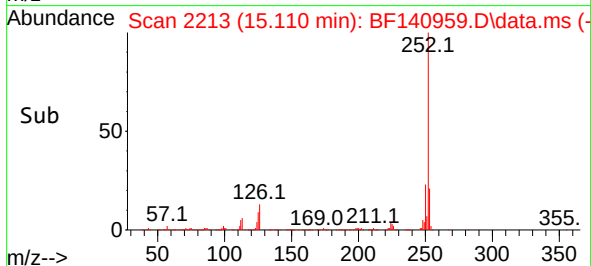


Tgt Ion:252 Resp: 40075
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.1 6.8 10.2

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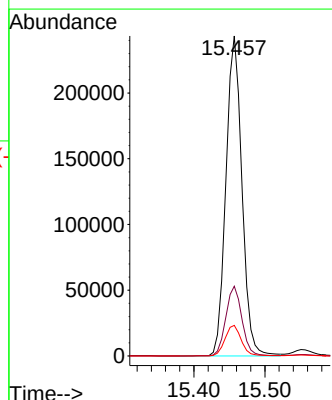
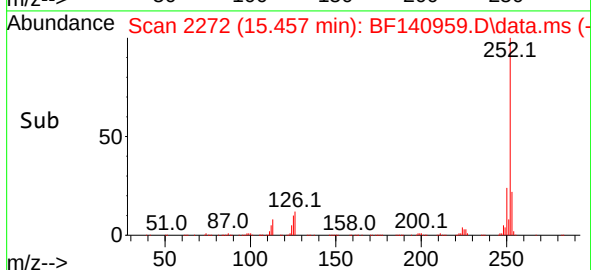
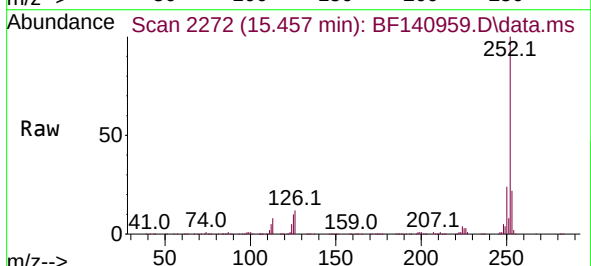
APPROVED

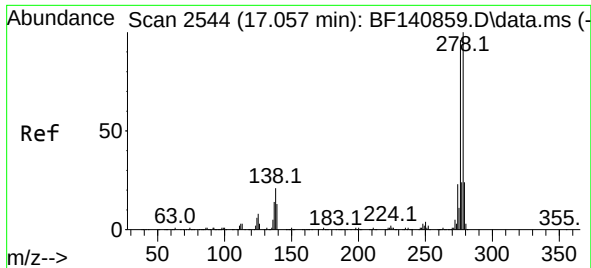
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#90
Benzo(a)pyrene
Concen: 37.915 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.023 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

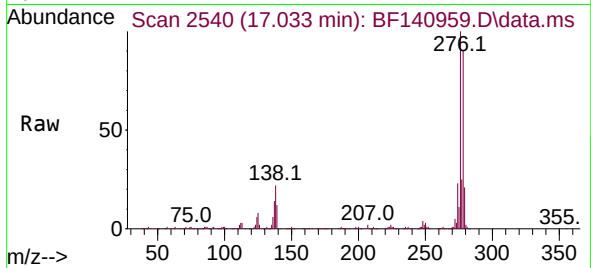
Tgt Ion:252 Resp: 380341
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.6 7.5 11.3





#91
Dibenzo(a,h)anthracene
Concen: 38.537 ng
RT: 17.033 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24

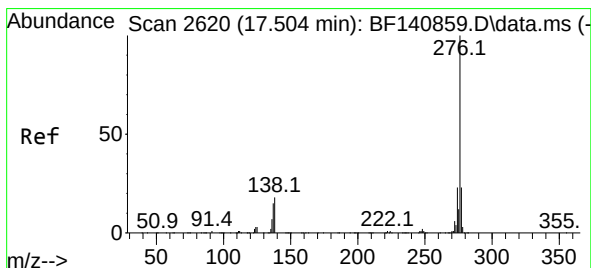
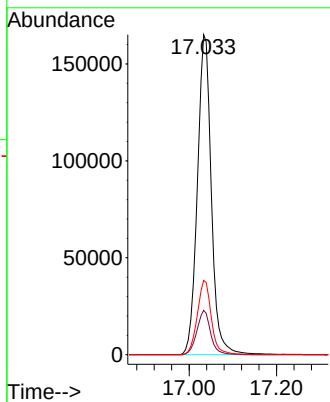
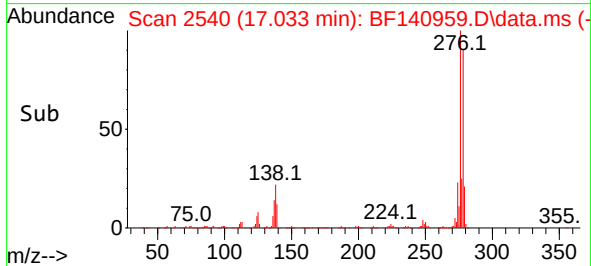
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



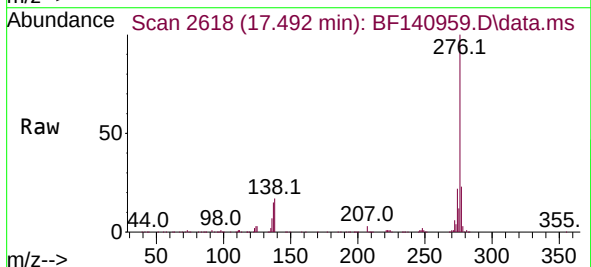
Tgt Ion:278 Resp: 367688
Ion Ratio Lower Upper
278 100
139 13.8 10.6 16.0
279 23.2 19.2 28.8

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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#92
Benzo(g,h,i)perylene
Concen: 37.152 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF140959.D
Acq: 20 Dec 2024 19:24



Tgt Ion:276 Resp: 360772
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 17.4 14.2 21.2

