

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140958.D
 Acq On : 20 Dec 2024 18:32
 Operator : RC/JU
 Sample : P5330-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD

Quant Time: Dec 20 21:59:54 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	54541	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	203503	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	117560	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	214958	20.000	ng	0.00
76) Chrysene-d12	14.033	240	153902	20.000	ng	0.00
86) Perylene-d12	15.527	264	129644	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	507925	153.304	ng	0.02
7) Phenol-d6	6.510	99	635980	144.925	ng	0.01
23) Nitrobenzene-d5	7.422	82	428230	105.280	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	215198	154.774	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	866629	101.351	ng	0.00
79) Terphenyl-d14	12.963	244	1006364	103.111	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.822	88	61836	43.330	ng	Qvalue # 83
3) Pyridine	3.569	79	141360	42.772	ng	99
4) n-Nitrosodimethylamine	3.493	42	83044	49.843	ng	98
6) Aniline	6.528	93	57716	15.382	ng	# 1
8) 2-Chlorophenol	6.651	128	192977	53.412	ng	99
9) Benzaldehyde	6.416	77	28207	11.601	ng	95
10) Phenol	6.522	94	226097	49.711	ng	84
11) bis(2-Chloroethyl)ether	6.587	93	176347	51.991	ng	99
12) 1,3-Dichlorobenzene	6.792	146	198021	48.099	ng	97
13) 1,4-Dichlorobenzene	6.869	146	202213	48.388	ng	98
14) 1,2-Dichlorobenzene	7.016	146	191782	48.640	ng	99
15) Benzyl Alcohol	7.004	79	176132	56.135	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	202236	50.614	ng	99
17) 2-Methylphenol	7.122	107	157331	54.542	ng	99
18) Hexachloroethane	7.351	117	72792	46.789	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	136746	51.949	ng	98
20) 3+4-Methylphenols	7.281	107	209570	54.789	ng	# 73
22) Acetophenone	7.263	105	276787	54.371	ng	# 93
24) Nitrobenzene	7.439	77	210614	50.543	ng	97
25) Isophorone	7.675	82	369173	54.168	ng	99
26) 2-Nitrophenol	7.751	139	108504	56.536	ng	96
27) 2,4-Dimethylphenol	7.792	122	152516	68.047	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	220842	51.881	ng	99
29) 2,4-Dichlorophenol	8.010	162	168484	54.448	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	173785	48.991	ng	99
31) Naphthalene	8.151	128	574864	51.425	ng	100
32) Benzoic acid	7.957	122	94360	44.390	ng	97
33) 4-Chloroaniline	8.216	127	49653	13.374	ng	99
34) Hexachlorobutadiene	8.257	225	112411	47.101	ng	99
35) Caprolactam	8.592	113	46200m	50.151	ng	
36) 4-Chloro-3-methylphenol	8.710	107	187185	53.746	ng	100
37) 2-Methylnaphthalene	8.845	142	385928	52.190	ng	100
38) 1-Methylnaphthalene	8.939	142	361063	49.371	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	190337	52.676	ng	98
41) Hexachlorocyclopentadiene	8.986	237	58731	56.740	ng	95
43) 2,4,6-Trichlorophenol	9.133	196	115996	52.426	ng	97

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Manual Integrations APPROVED

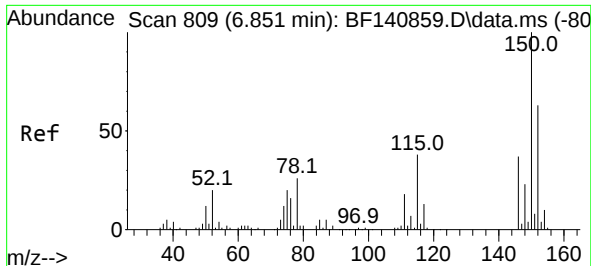
Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	119151	48.995	ng	99
46) 1,1'-Biphenyl	9.304	154	485644	51.951	ng	99
47) 2-Chloronaphthalene	9.333	162	363887	50.883	ng	99
48) 2-Nitroaniline	9.439	65	114449	52.990	ng	94
49) Acenaphthylene	9.751	152	595245	56.638	ng	100
50) Dimethylphthalate	9.604	163	436668	52.685	ng	100
51) 2,6-Dinitrotoluene	9.681	165	95047	50.163	ng	97
52) Acenaphthene	9.922	154	362020	53.925	ng	100
53) 3-Nitroaniline	9.857	138	34060	18.114	ng	99
54) 2,4-Dinitrophenol	9.980	184	99319	105.187	ng	93
55) Dibenzofuran	10.092	168	549935	52.864	ng	99
56) 4-Nitrophenol	10.051	139	76943	76.290	ng	100
57) 2,4-Dinitrotoluene	10.092	165	132470	53.137	ng	98
58) Fluorene	10.439	166	443670	51.697	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	108468	54.737	ng	93
60) Diethylphthalate	10.304	149	433086	50.390	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	218797	50.753	ng	98
62) 4-Nitroaniline	10.475	138	93529m	47.599	ng	
63) Azobenzene	10.586	77	392585	48.588	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	72831	59.792	ng	97
66) n-Nitrosodiphenylamine	10.545	169	385484	58.327	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	130074	54.090	ng	96
68) Hexachlorobenzene	10.986	284	150259	55.110	ng	98
69) Atrazine	11.075	200	125482	67.982	ng	97
70) Pentachlorophenol	11.198	266	104469	104.801	ng	99
71) Phenanthrene	11.404	178	627586	56.774	ng	100
72) Anthracene	11.457	178	649137	59.630	ng	100
73) Carbazole	11.616	167	608541	57.072	ng	100
74) Di-n-butylphthalate	11.927	149	669148	53.472	ng	99
75) Fluoranthene	12.598	202	712346	55.956	ng	100
77) Benzidine	12.721	184	49651	15.807	ng	98
78) Pyrene	12.827	202	730040	53.343	ng	100
80) Butylbenzylphthalate	13.427	149	275011	54.612	ng	98
81) Benzo(a)anthracene	14.021	228	563815	51.690	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	61942	18.822	ng	97
83) Chrysene	14.057	228	522903	52.719	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	337909	52.040	ng	100
85) Di-n-octyl phthalate	14.610	149	468940	47.737	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	495365	61.230	ng	99
88) Benzo(b)fluoranthene	15.092	252	498705	55.417	ng	100
89) Benzo(k)fluoranthene	15.121	252	389626	50.473	ng	100
90) Benzo(a)pyrene	15.468	252	409060	58.050	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	402986	60.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	378363	55.466	ng	100

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

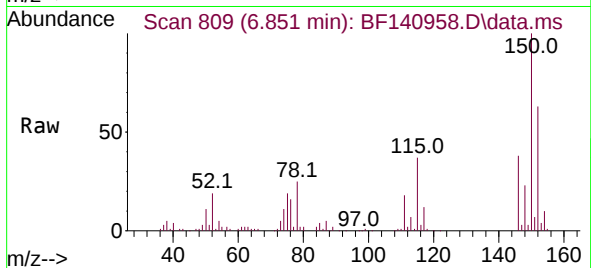
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

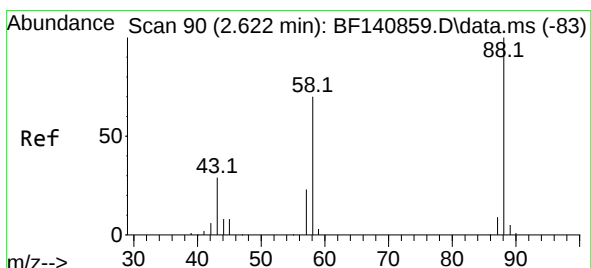
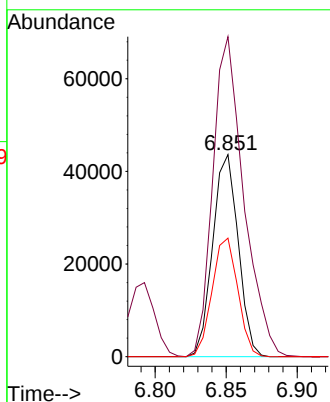
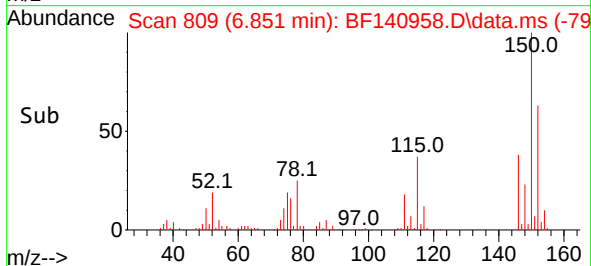
Instrument :
BNA_F
Client SampleId :
TP-5MSD



Tgt Ion: 152 Resp: 5454
Ion Ratio Lower Upper
152 100
150 158.4 127.9 191.9
115 58.7 48.0 72.0

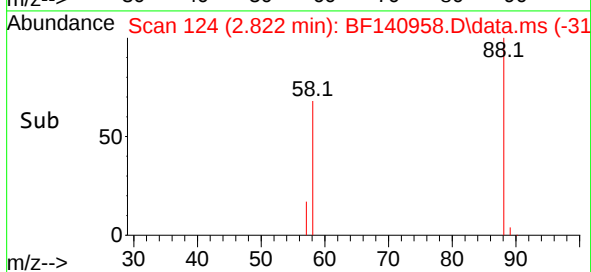
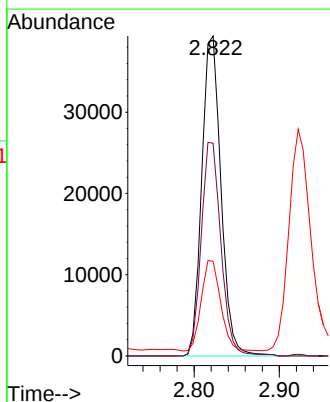
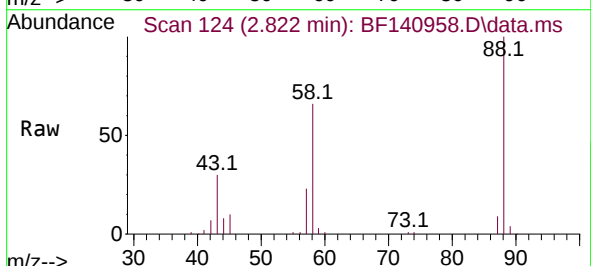
Manual Integrations
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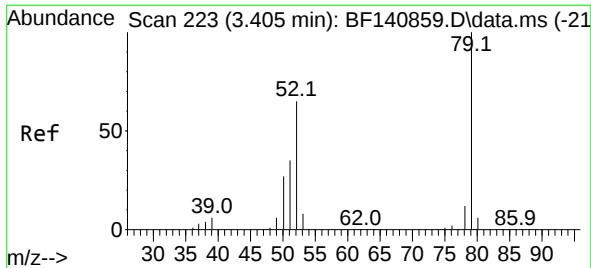
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 43.330 ng
RT: 2.622 min Scan# 124
Delta R.T. 0.200 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion: 88 Resp: 61836
Ion Ratio Lower Upper
88 100
58 68.2 55.8 83.8
43 0.0 22.7 34.1#





#3
Pyridine
Concen: 42.772 ng
RT: 3.569 min Scan# 21
Delta R.T. 0.165 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

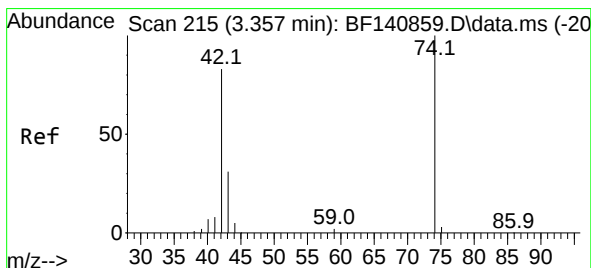
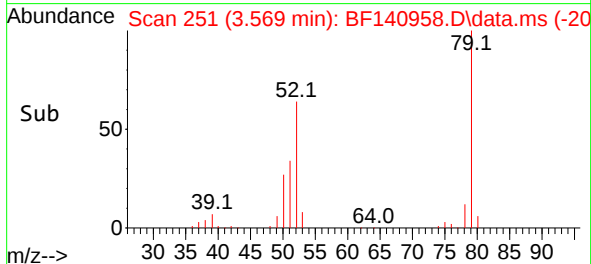
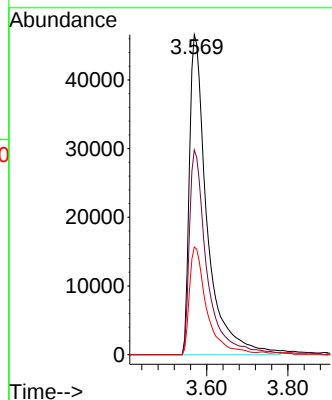
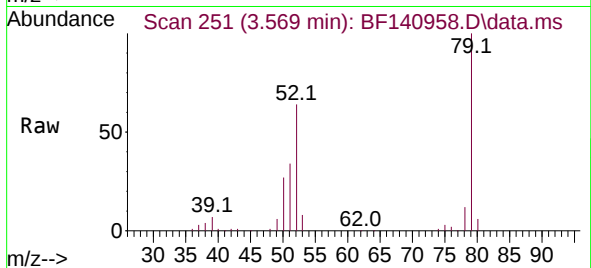
TP-5MSD

Tgt Ion: 79 Resp: 141360
Ion Ratio Lower Upper
79 100
52 64.0 51.7 77.5
51 33.7 28.2 42.4

Manual Integrations

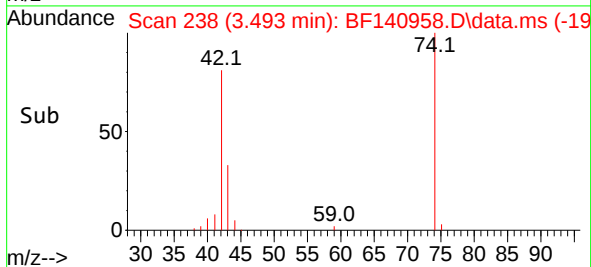
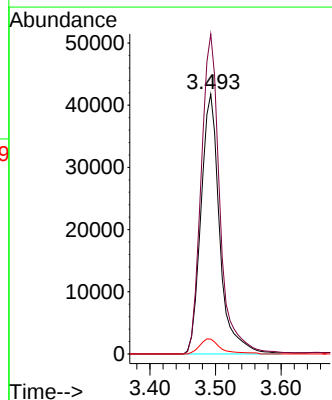
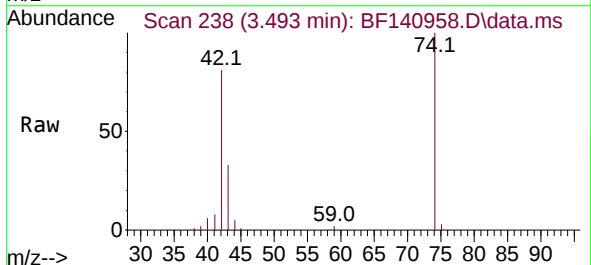
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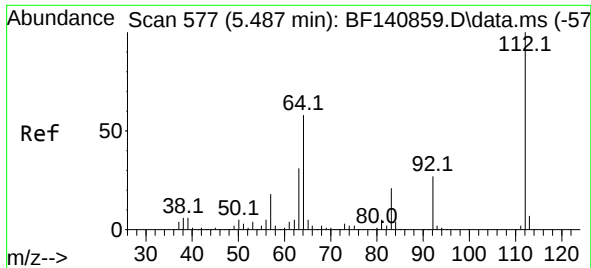
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#4
n-Nitrosodimethylamine
Concen: 49.843 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.135 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion: 42 Resp: 83044
Ion Ratio Lower Upper
42 100
74 123.2 96.9 145.3
44 5.7 4.4 6.6





#5
2-Fluorophenol
Concen: 153.304 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

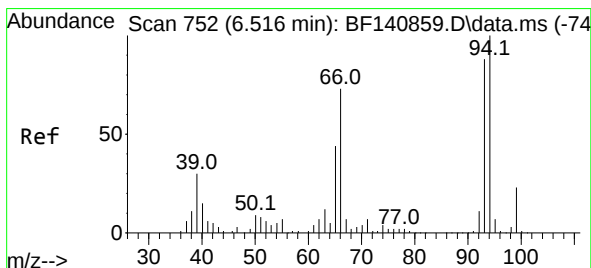
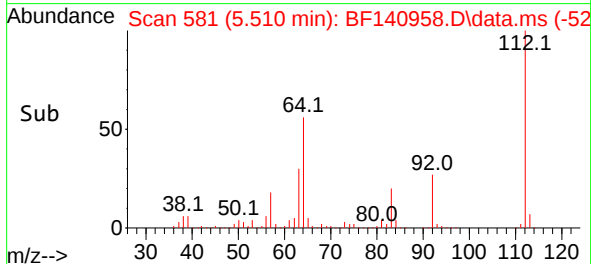
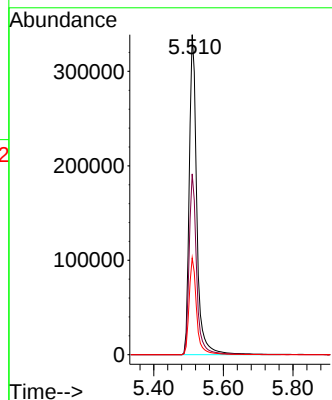
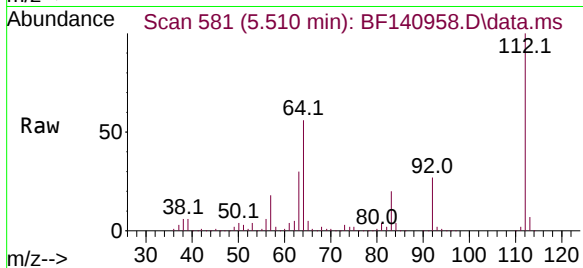
TP-5MSD

Tgt Ion:112 Resp: 50792
Ion Ratio Lower Upper
112 100
64 56.5 46.1 69.1
63 30.2 24.9 37.3

Manual Integrations

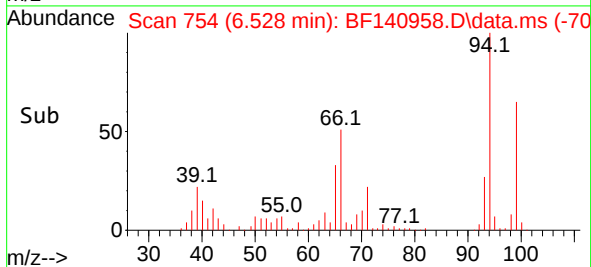
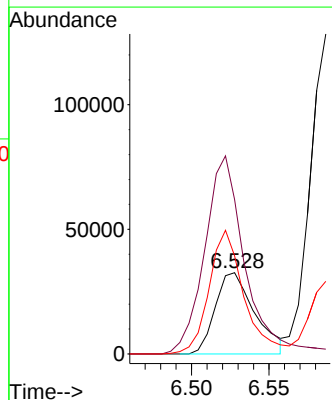
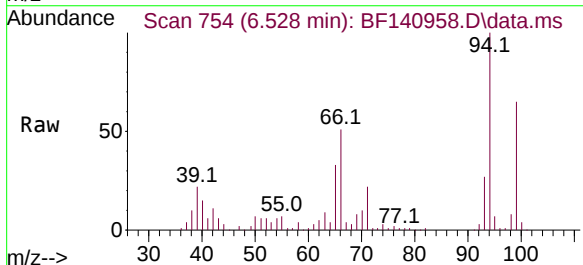
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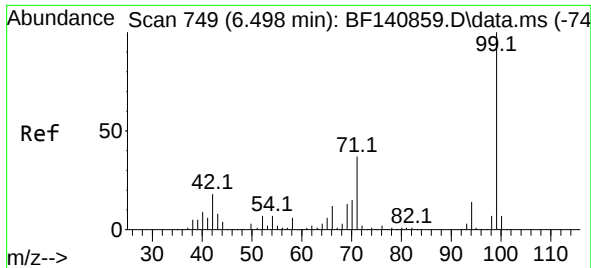
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#6
Aniline
Concen: 15.382 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion: 93 Resp: 57716
Ion Ratio Lower Upper
93 100
66 190.0 67.0 100.4#
65 120.6 40.4 60.6#





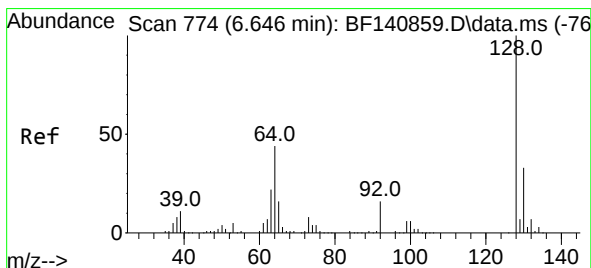
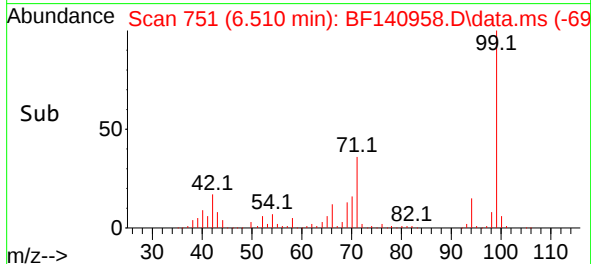
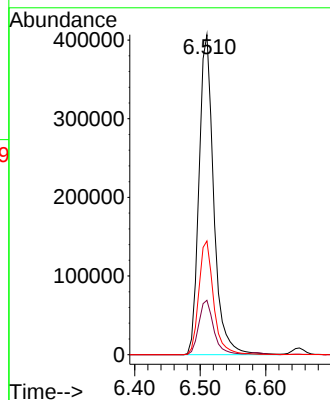
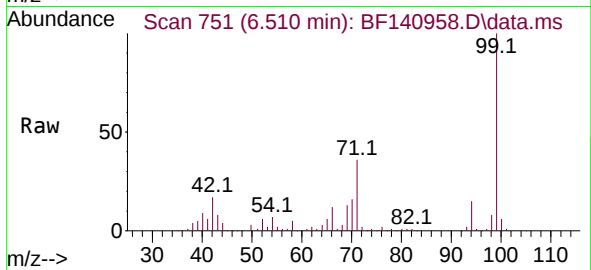
#7
Phenol-d6
Concen: 144.925 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.012 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion: 99 Resp: 635980
Ion Ratio Lower Upper
99 100
42 17.0 14.3 21.5
71 35.5 29.9 44.9

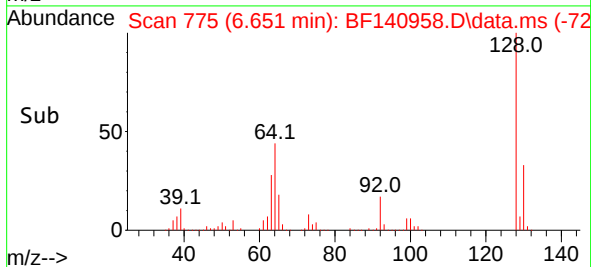
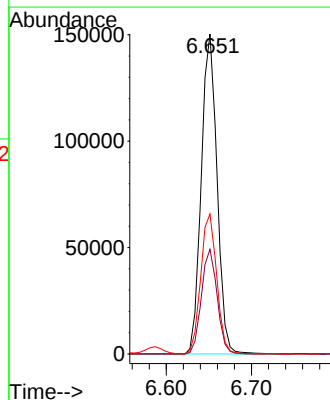
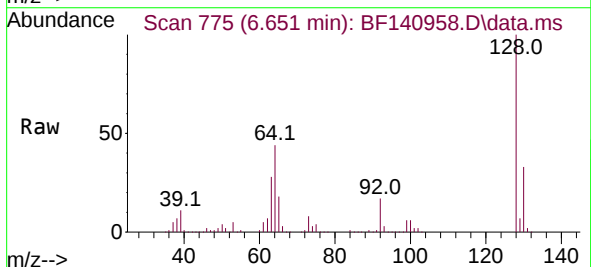
Manual Integrations
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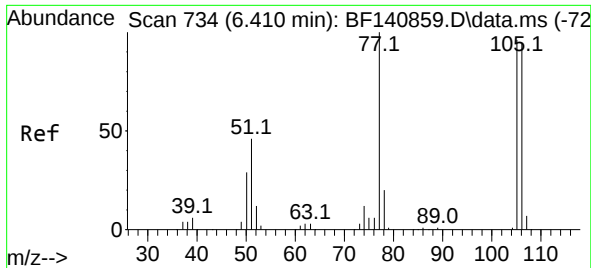
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#8
2-Chlorophenol
Concen: 53.412 ng
RT: 6.651 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion:128 Resp: 192977
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 43.8 24.3 64.3





#9

Benzaldehyde

Concen: 11.601 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion: 77 Resp: 2820

Ion Ratio Lower Upper

77 100

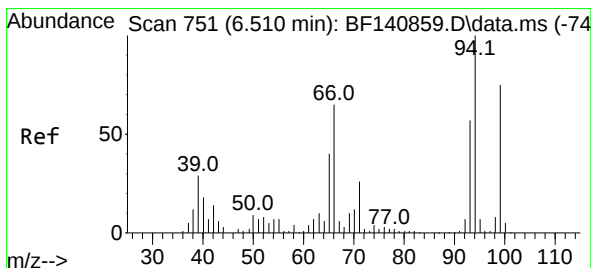
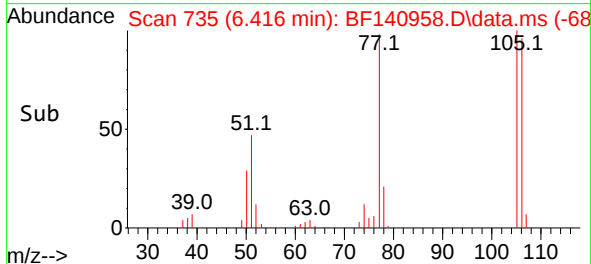
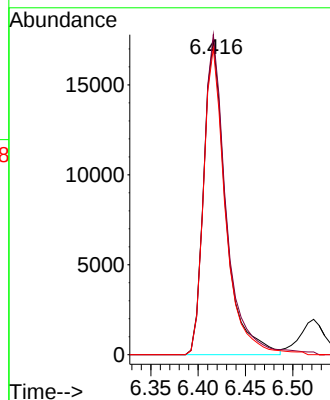
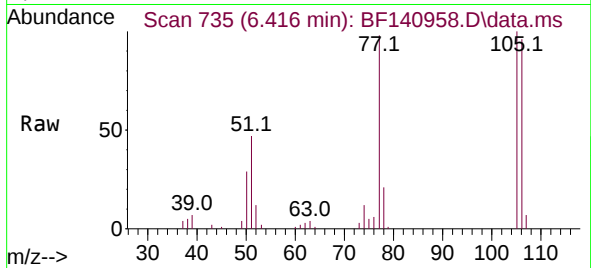
105 101.9 75.8 115.8

106 97.6 74.1 114.1

Manual Integrations

APPROVED

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



#10

Phenol

Concen: 49.711 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.012 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

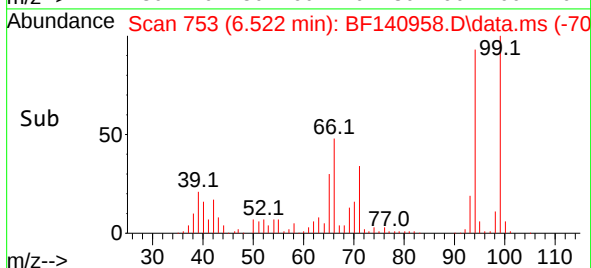
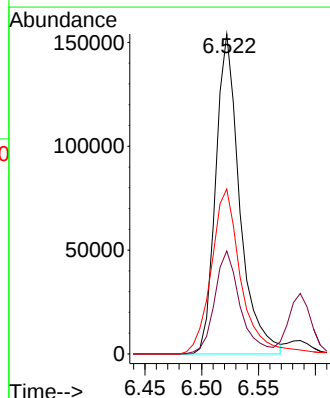
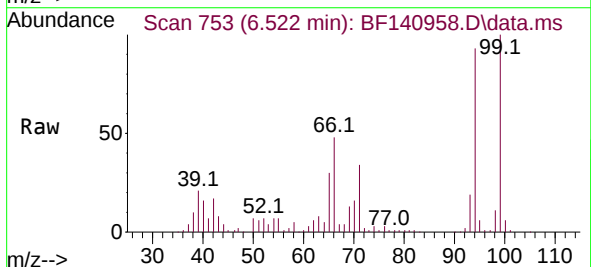
Tgt Ion: 94 Resp: 226097

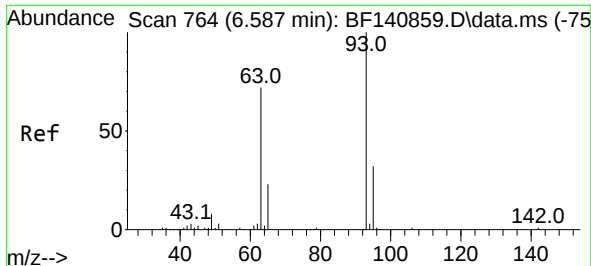
Ion Ratio Lower Upper

94 100

65 32.2 19.9 59.9

66 51.6 45.6 85.6





#11
bis(2-Chloroethyl)ether
Concen: 51.991 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

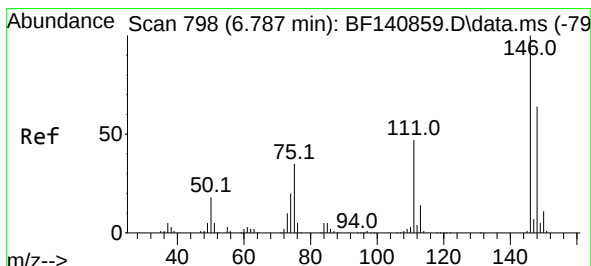
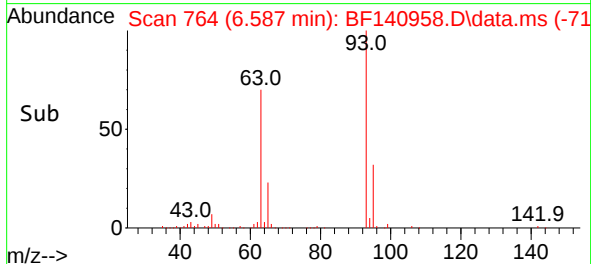
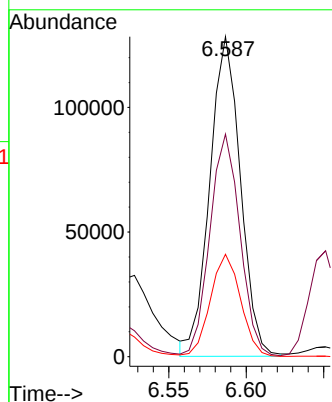
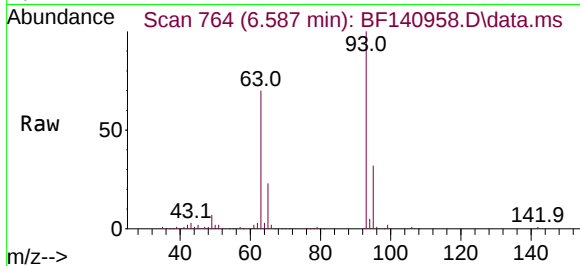
ClientSampleId :

TP-5MSD

Tgt Ion: 93 Resp: 17634
Ion Ratio Lower Upper
93 100
63 69.6 51.0 91.0
95 32.0 12.0 52.0

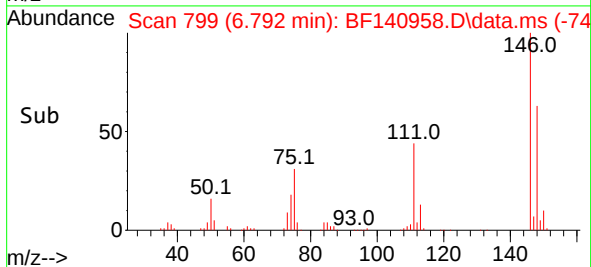
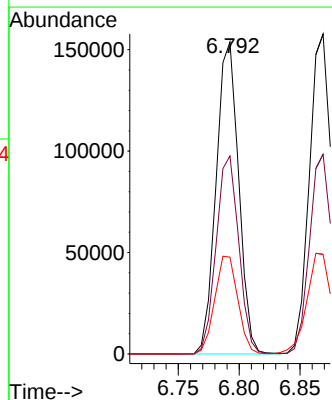
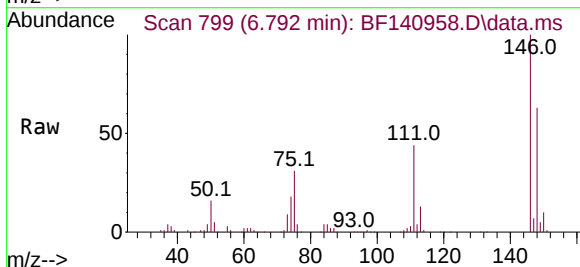
Manual Integrations
APPROVED

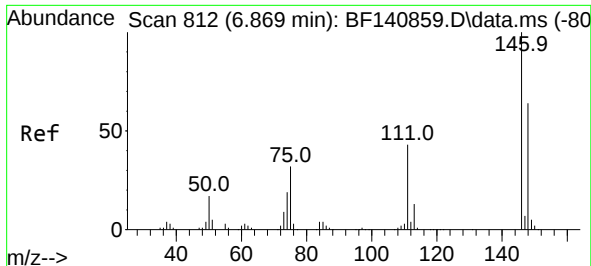
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
1,3-Dichlorobenzene
Concen: 48.099 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion:146 Resp: 198021
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
75 31.0 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 48.388 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion:146 Resp: 20221

Ion Ratio Lower Upper

146 100

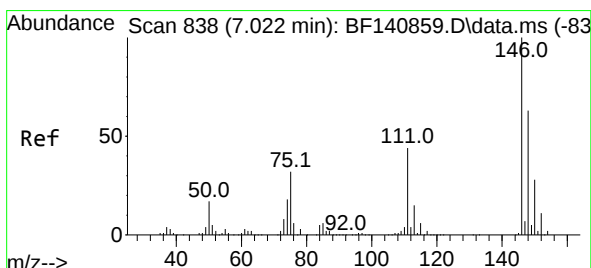
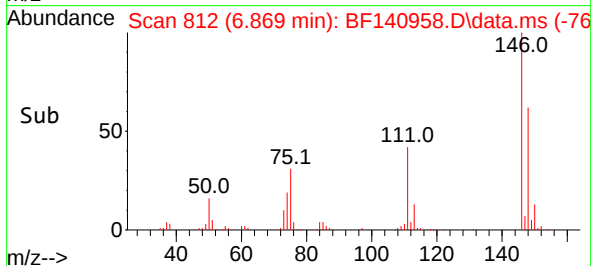
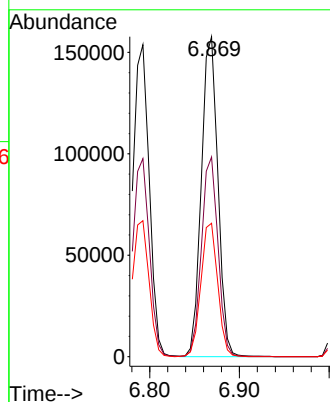
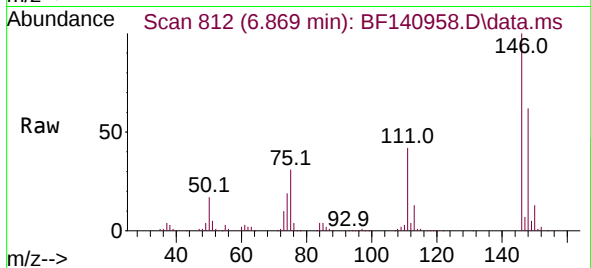
148 62.4 51.3 76.9

111 41.7 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: 48.640 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

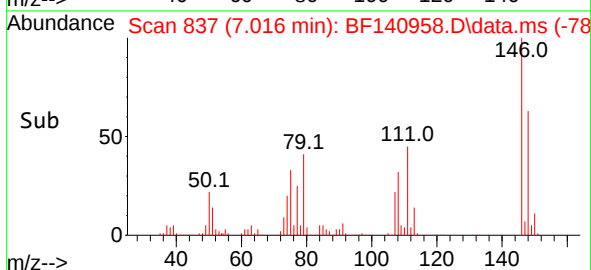
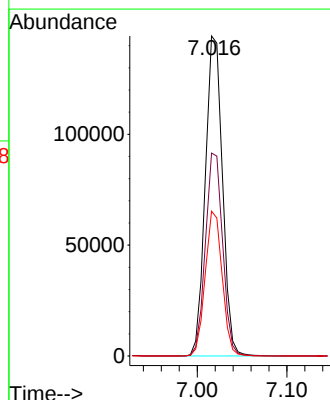
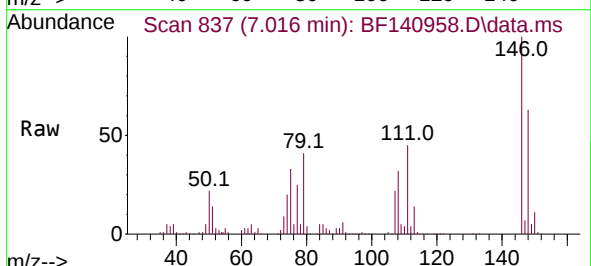
Tgt Ion:146 Resp: 191782

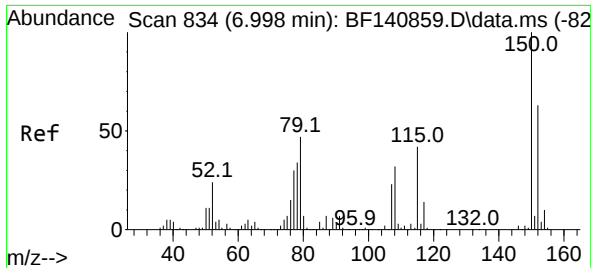
Ion Ratio Lower Upper

146 100

148 63.4 50.0 75.0

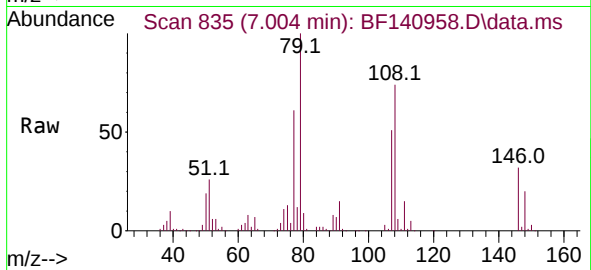
111 45.2 35.6 53.4





#15
Benzyl Alcohol
Concen: 56.135 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

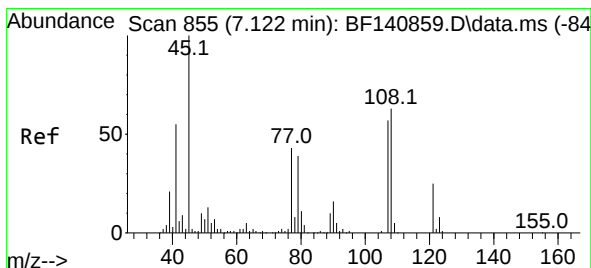
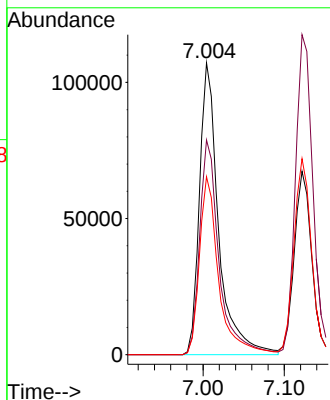
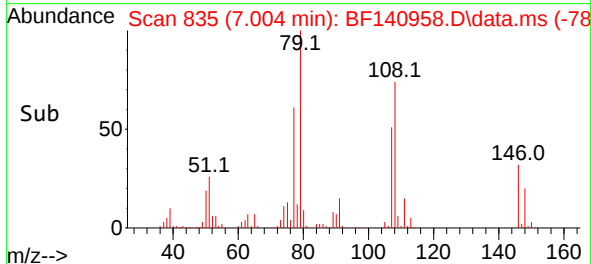
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



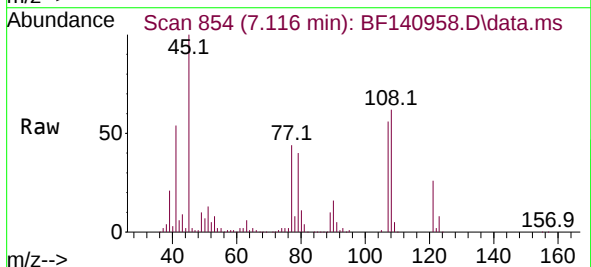
Tgt Ion: 79 Resp: 176132
Ion Ratio Lower Upper
79 100
108 73.6 55.1 82.7
77 61.0 50.6 76.0

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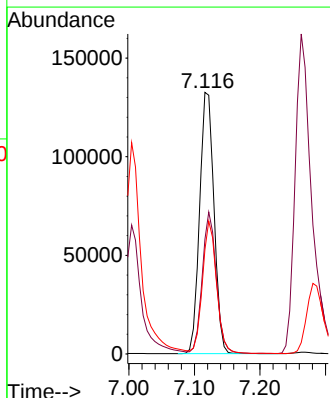
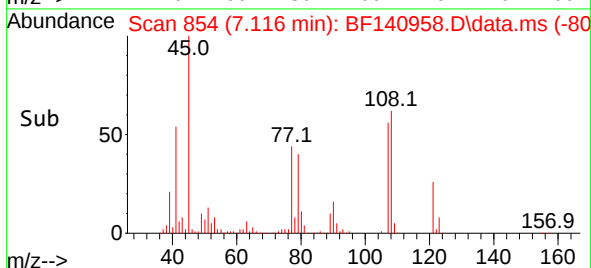
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

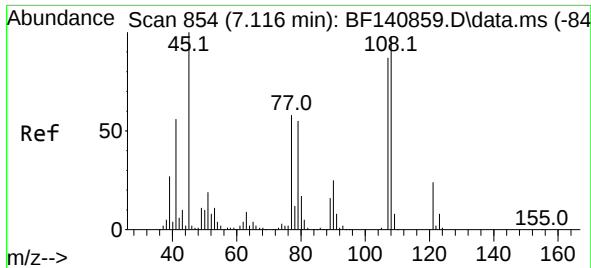


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.614 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



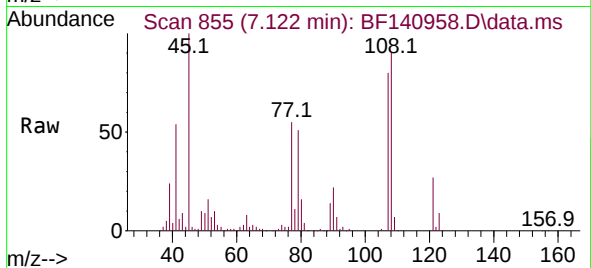
Tgt Ion: 45 Resp: 202236
Ion Ratio Lower Upper
45 100
77 43.8 23.3 63.3
79 39.9 20.0 60.0





#17
2-Methylphenol
Concen: 54.542 ng
RT: 7.122 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

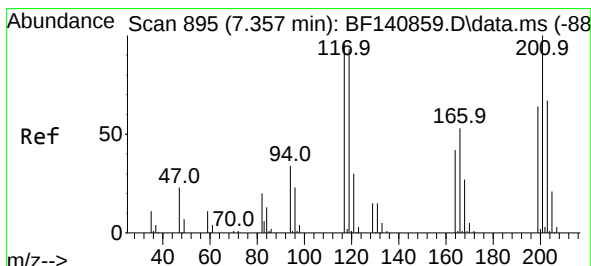
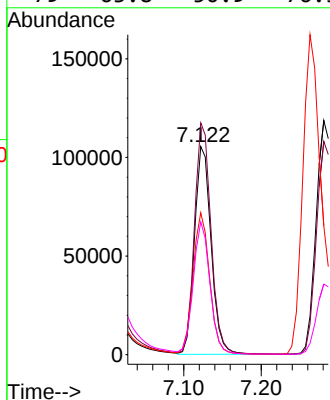
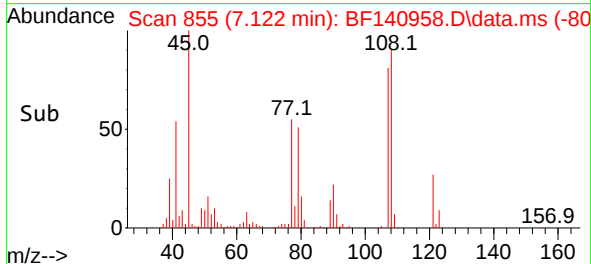
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



Tgt Ion:107 Resp: 15733
Ion Ratio Lower Upper
107 100
108 111.4 90.2 135.4
77 68.2 53.8 80.6
79 63.8 50.9 76.3

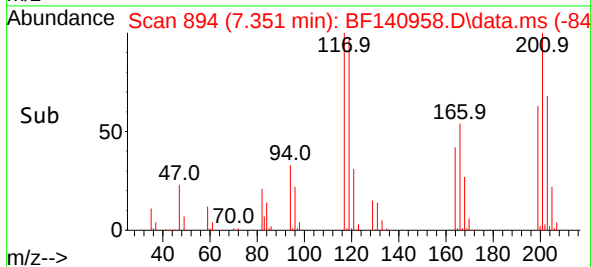
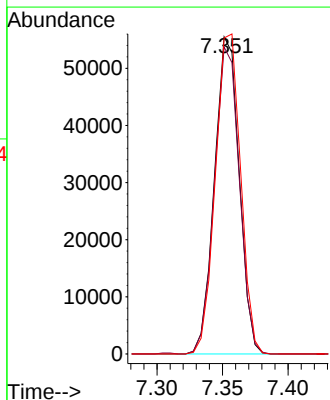
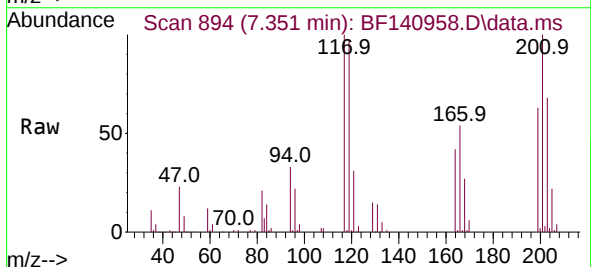
Manual Integrations
APPROVED

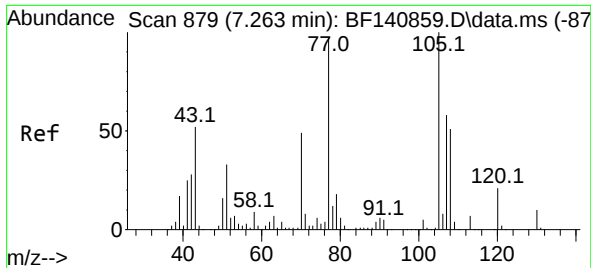
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#18
Hexachloroethane
Concen: 46.789 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion:117 Resp: 72792
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.0
201 99.7 83.4 125.0





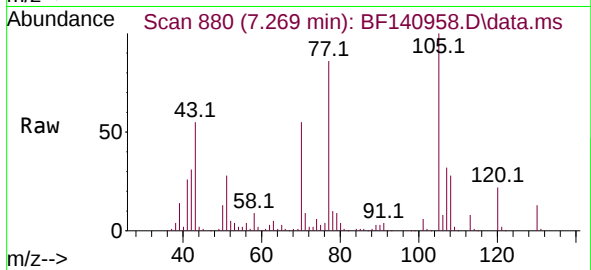
#19
n-Nitroso-di-n-propylamine
Concen: 51.949 ng
RT: 7.269 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

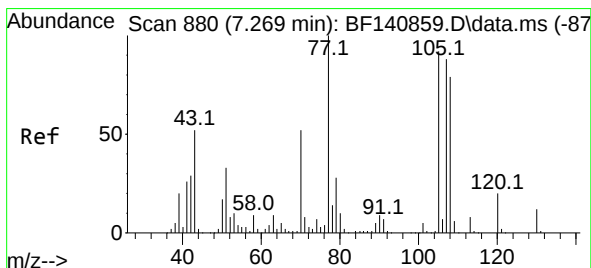
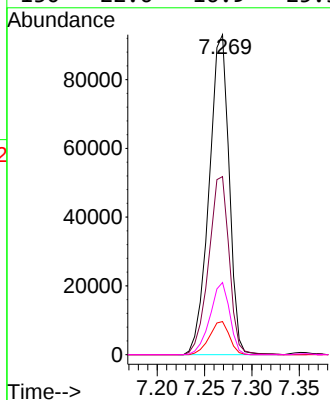
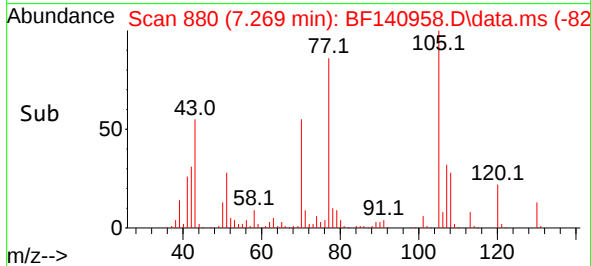


Tgt Ion: 70 Resp: 136740
Ion Ratio Lower Upper
70 100
42 55.7 45.3 67.9
101 10.3 8.0 12.0
130 22.6 16.9 25.3

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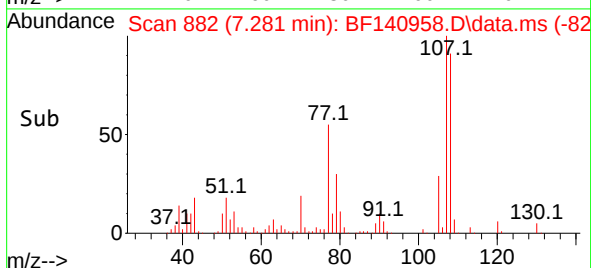
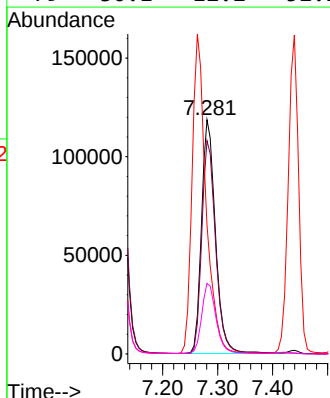
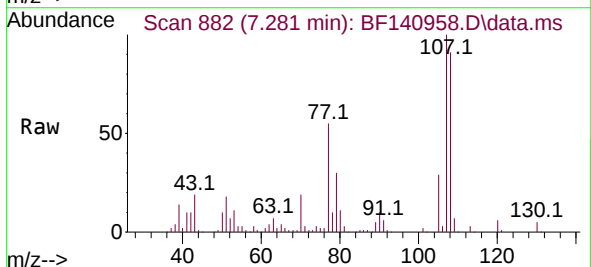
APPROVED

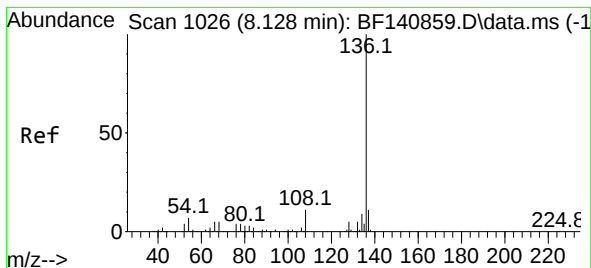
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#20
3+4-Methylphenols
Concen: 54.789 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.012 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion:107 Resp: 209570
Ion Ratio Lower Upper
107 100
108 91.1 70.1 110.1
77 55.1 94.4 134.4#
79 30.1 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: BF140958.D

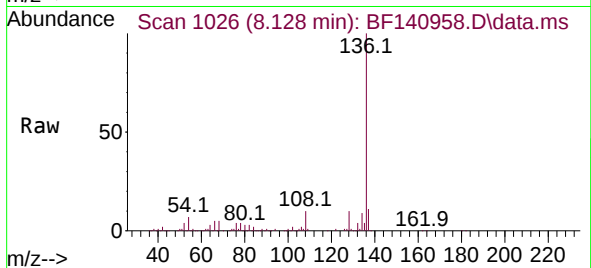
Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD



Tgt Ion:136 Resp: 20350

Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

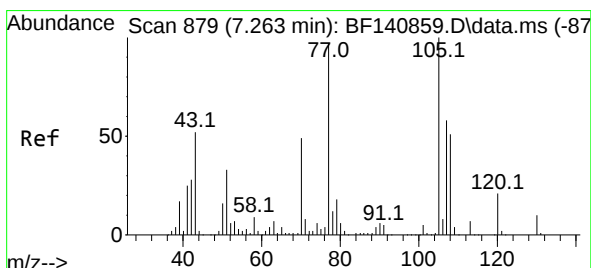
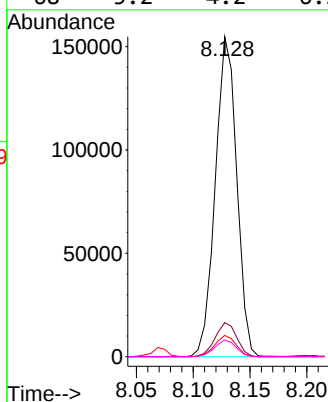
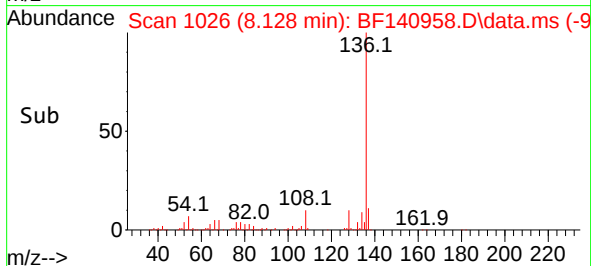
54 6.6 5.6 8.4

68 5.2 4.2 6.2

Manual Integrations

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



#22

Acetophenone

Concen: 54.371 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Tgt Ion:105 Resp: 276787

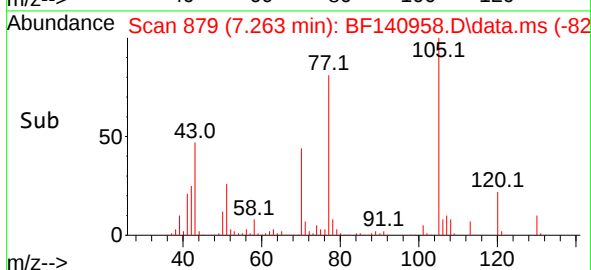
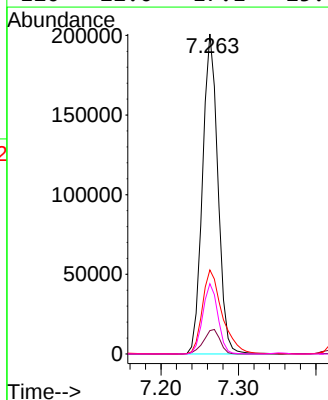
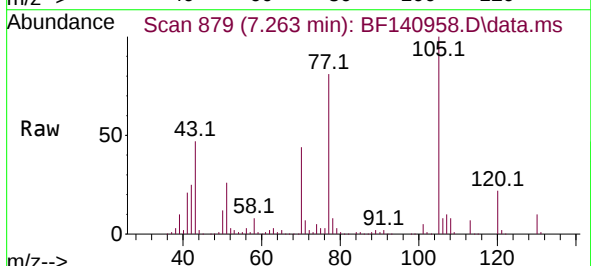
Ion Ratio Lower Upper

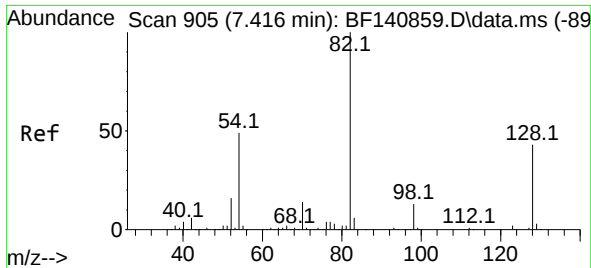
105 100

71 7.3 6.2 9.4

51 26.3 26.3 39.5#

120 22.0 17.1 25.7





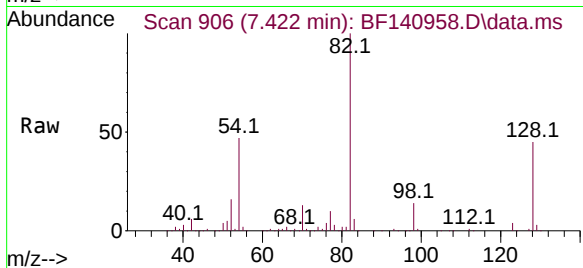
#23
Nitrobenzene-d5
Concen: 105.280 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

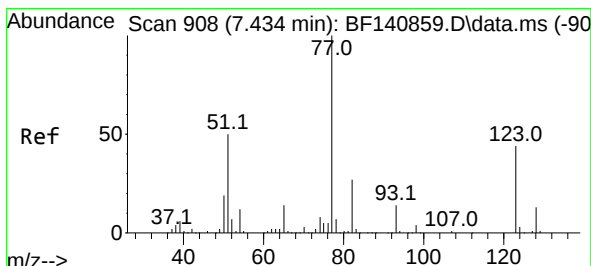
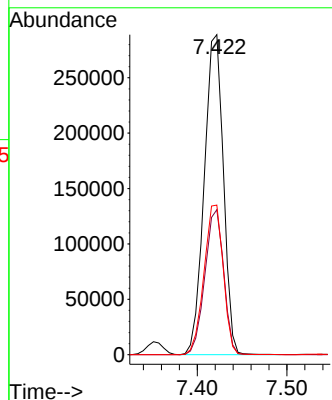
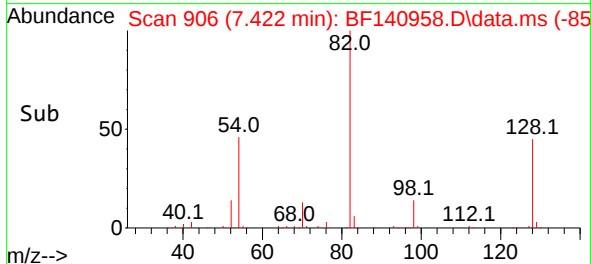


Tgt Ion: 82 Resp: 428230
Ion Ratio Lower Upper
82 100
128 45.3 34.4 51.6
54 46.8 38.8 58.2

Manual Integrations

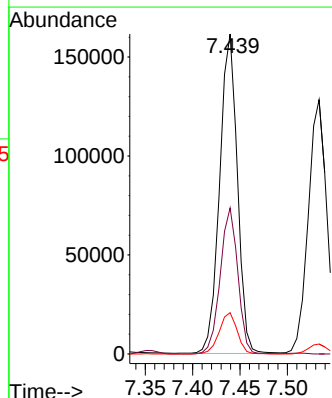
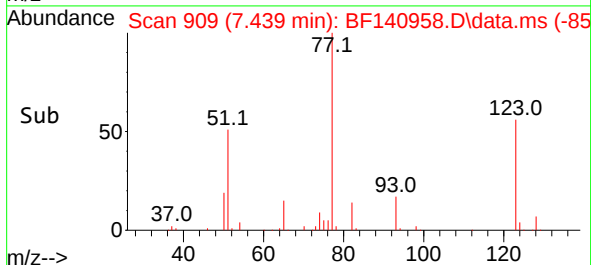
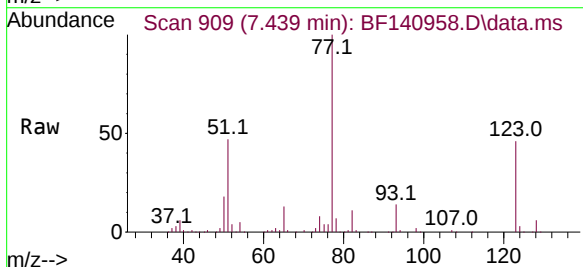
APPROVED

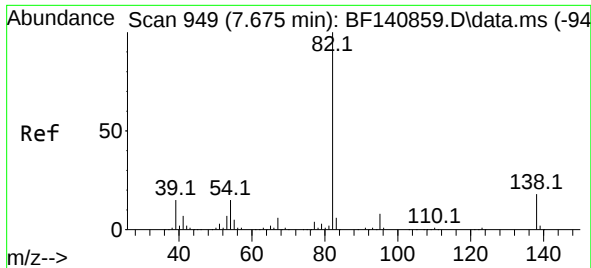
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#24
Nitrobenzene
Concen: 50.543 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

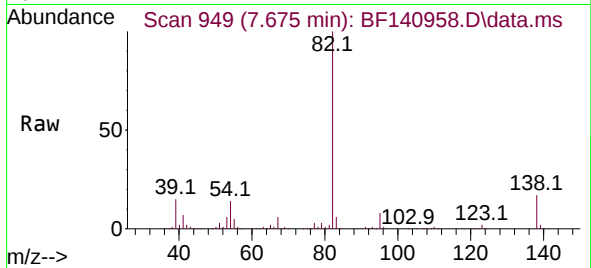
Tgt Ion: 77 Resp: 210614
Ion Ratio Lower Upper
77 100
123 45.7 35.0 52.4
65 12.9 11.4 17.0





#25
Isophorone
Concen: 54.168 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

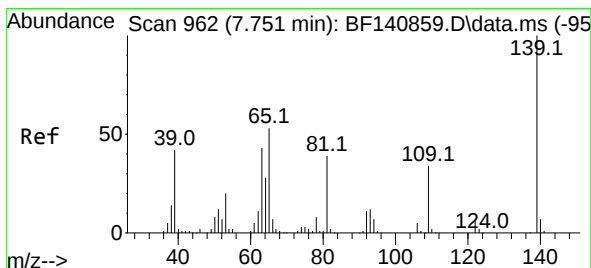
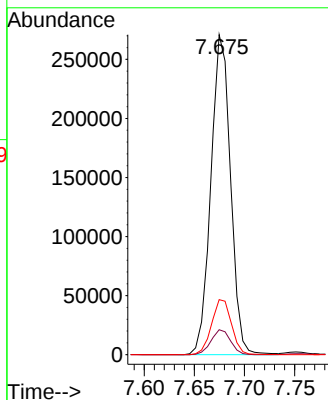
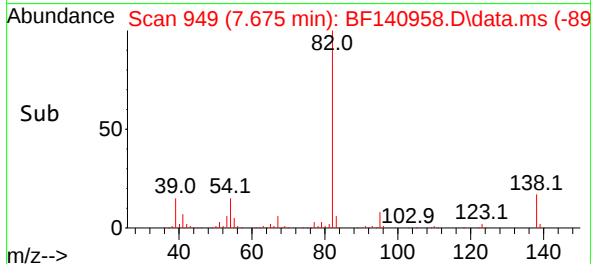
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



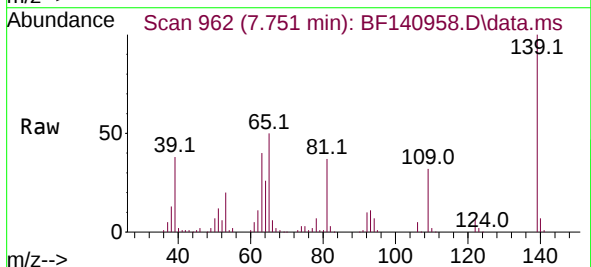
Tgt Ion: 82 Resp: 36917
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.2 14.1 21.1

Manual Integrations
APPROVED

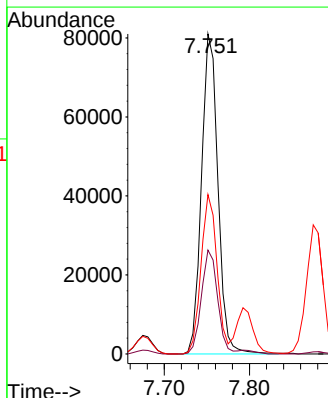
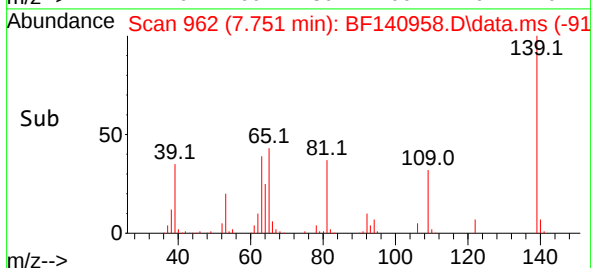
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

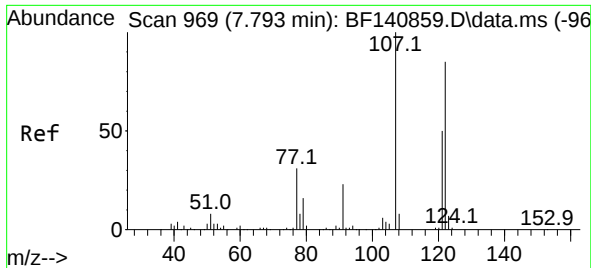


#26
2-Nitrophenol
Concen: 56.536 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:139 Resp: 108504
Ion Ratio Lower Upper
139 100
109 32.4 26.9 40.3
65 49.8 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 68.047 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

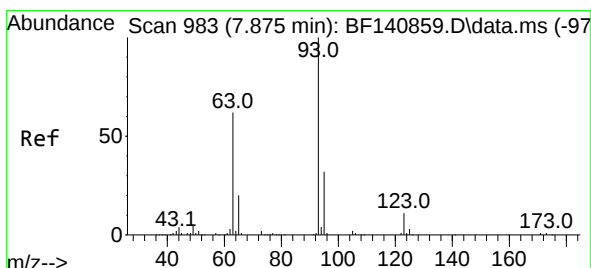
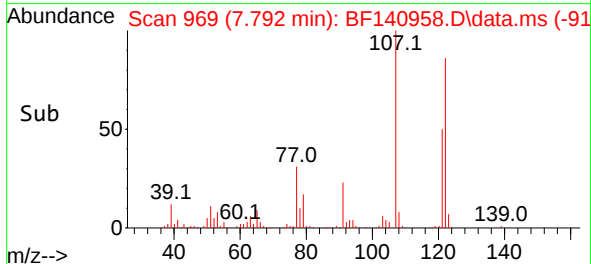
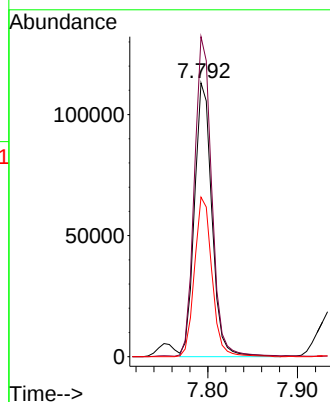
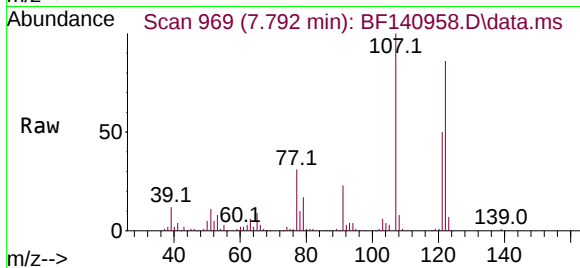
TP-5MSD

Tgt Ion:122 Resp: 152510
Ion Ratio Lower Upper
122 100
107 116.9 92.6 139.0
121 58.3 45.8 68.8

Manual Integrations

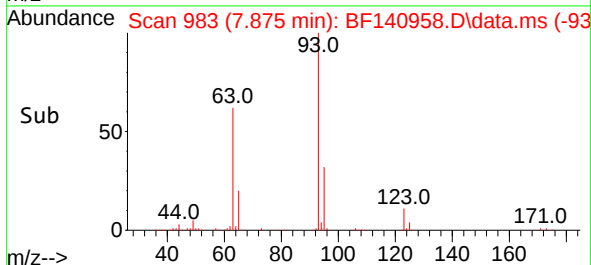
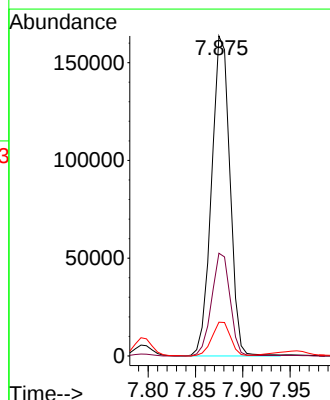
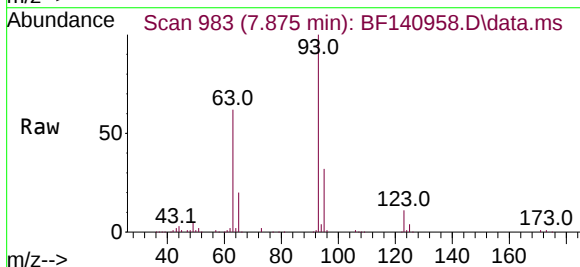
APPROVED

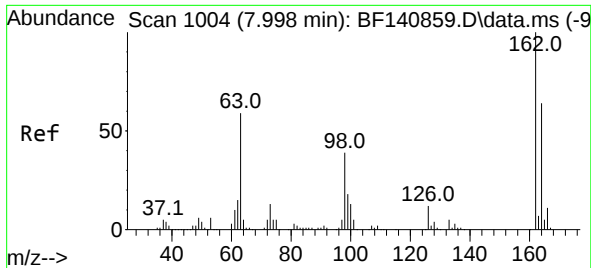
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.881 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion: 93 Resp: 220842
Ion Ratio Lower Upper
93 100
95 32.1 25.3 37.9
123 10.6 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 54.448 ng

RT: 8.010 min Scan# 1006

Delta R.T. 0.012 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

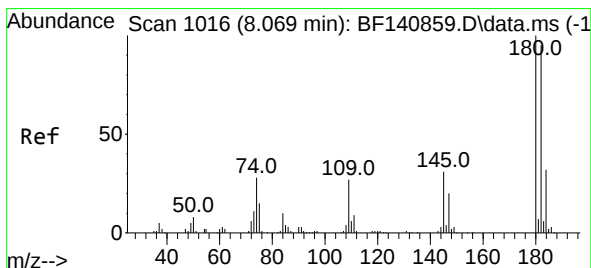
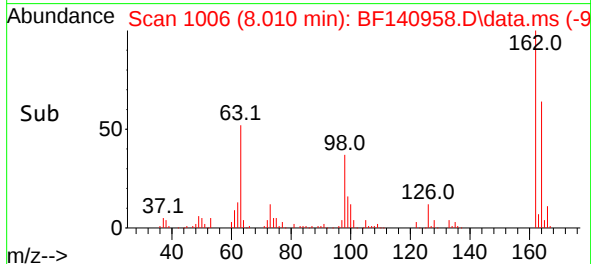
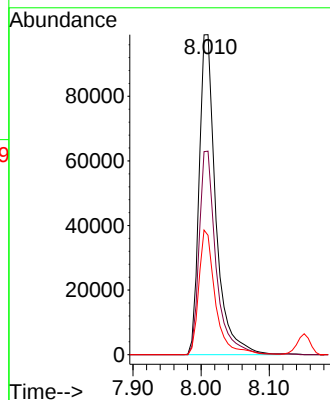
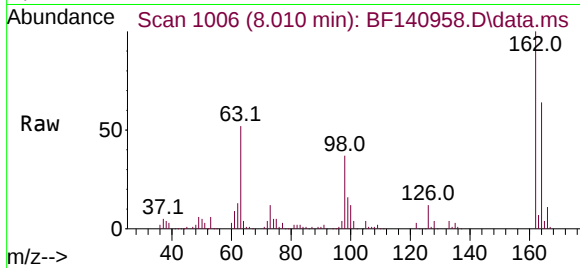
TP-5MSD

Tgt Ion:	162	Resp:	16848
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.7	83.7
98	37.3	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: 48.991 ng

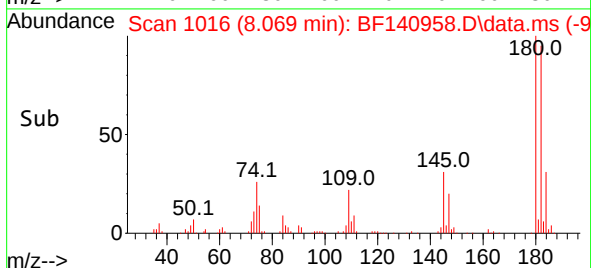
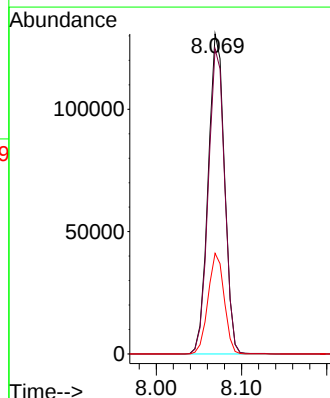
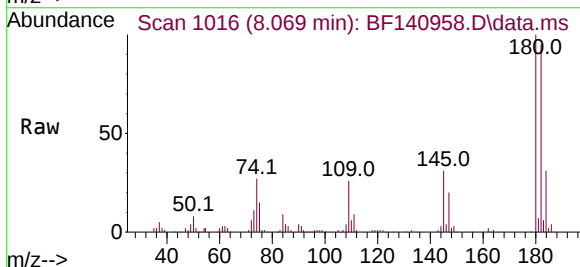
RT: 8.069 min Scan# 1016

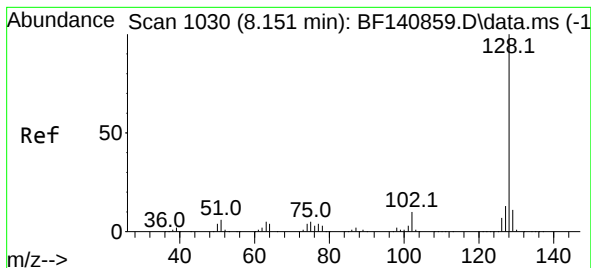
Delta R.T. -0.000 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Tgt Ion:	180	Resp:	173785
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.8	113.6
145	31.4	25.2	37.8





#31

Naphthalene

Concen: 51.425 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

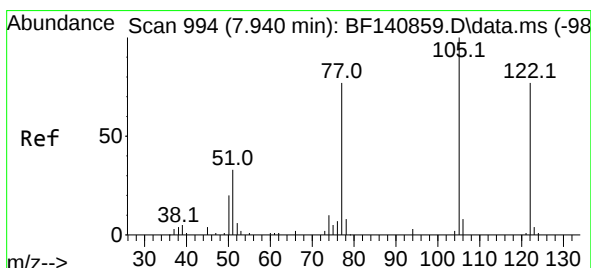
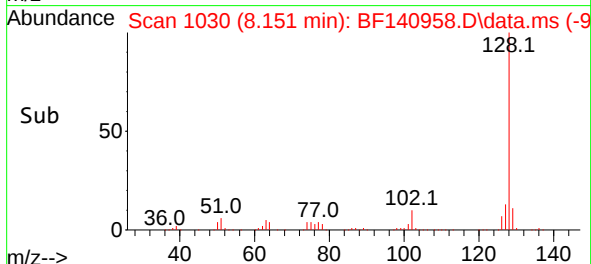
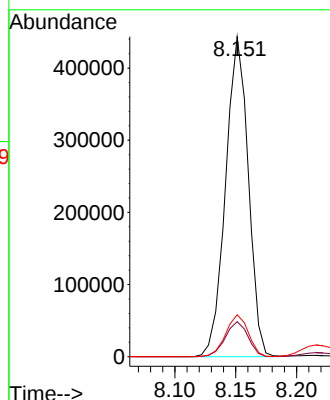
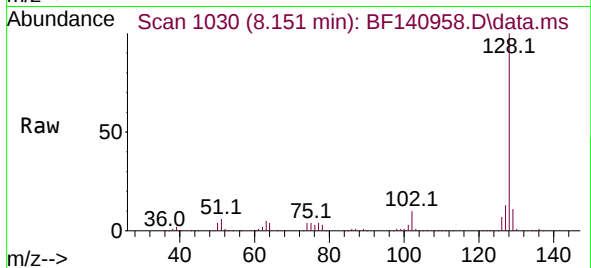
Tgt Ion:128 Resp: 574864

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	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: 44.390 ng

RT: 7.957 min Scan# 997

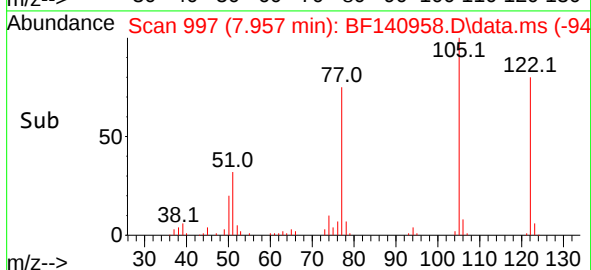
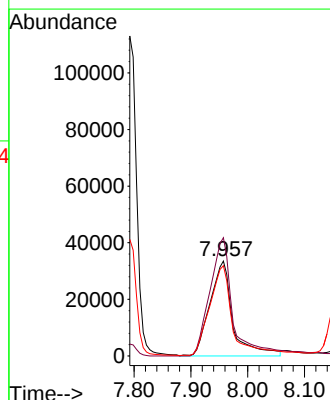
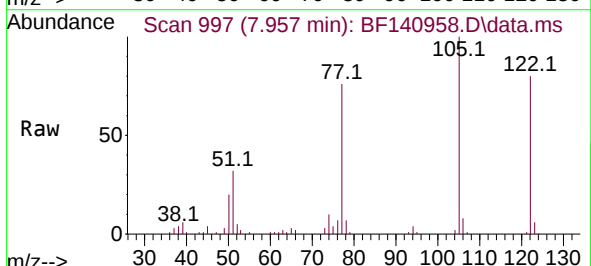
Delta R.T. 0.017 min

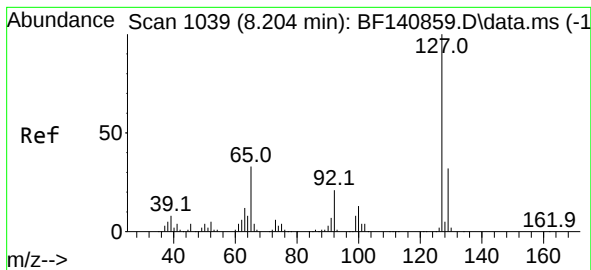
Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Tgt Ion:122 Resp: 94360

Ion	Ratio	Lower	Upper
122	100		
105	124.5	108.3	148.3
77	95.1	78.8	118.8





#33

4-Chloroaniline

Concen: 13.374 ng

RT: 8.216 min Scan# 1041

Delta R.T. 0.012 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

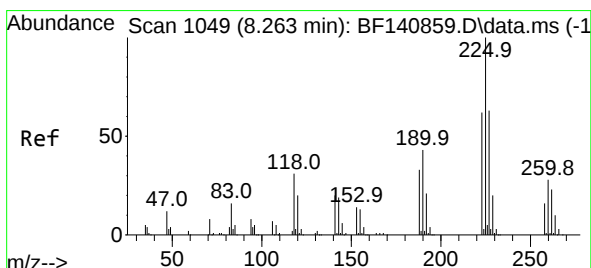
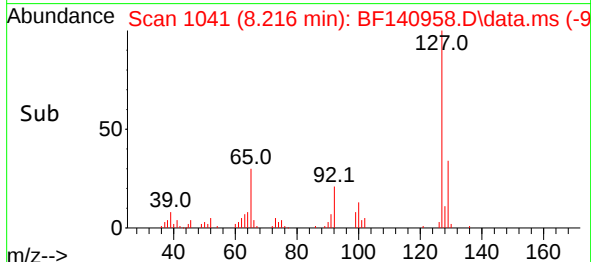
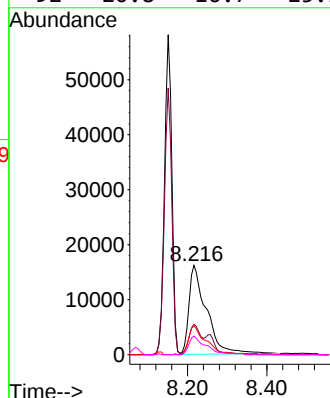
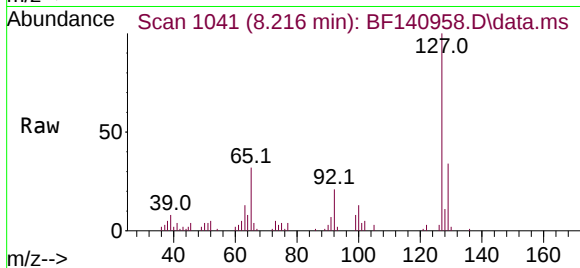
TP-5MSD

Tgt Ion:	127	Resp:	4965
Ion Ratio	Lower	Upper	
127	100		
129	34.1	26.0	39.0
65	32.3	26.0	39.0
92	20.8	16.7	25.1

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 47.101 ng

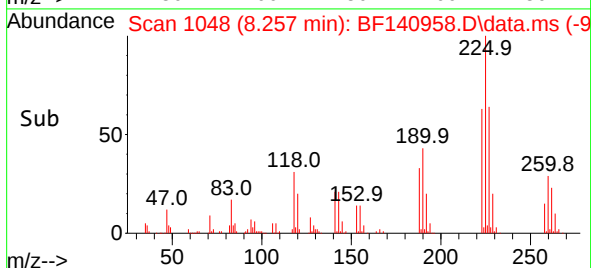
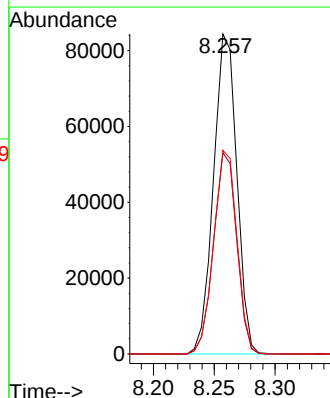
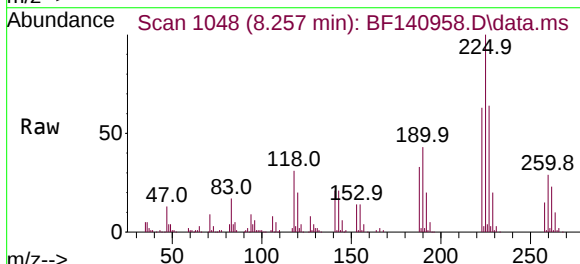
RT: 8.257 min Scan# 1048

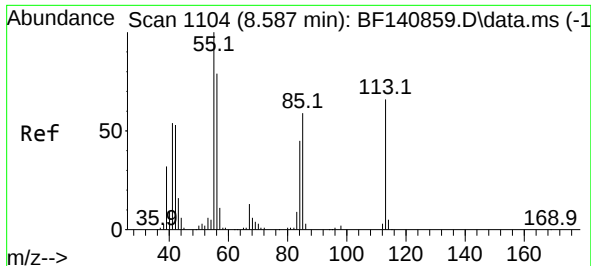
Delta R.T. -0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

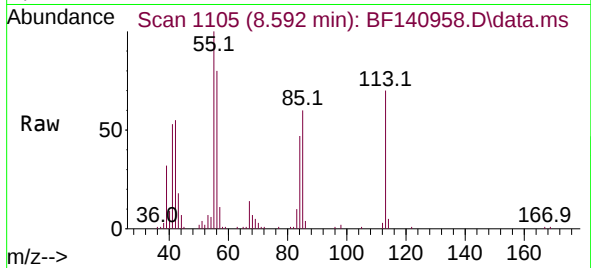
Tgt Ion:	225	Resp:	112411
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.6	74.4
227	63.7	50.7	76.1





#35
Caprolactam
Concen: 50.151 ng m
RT: 8.592 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

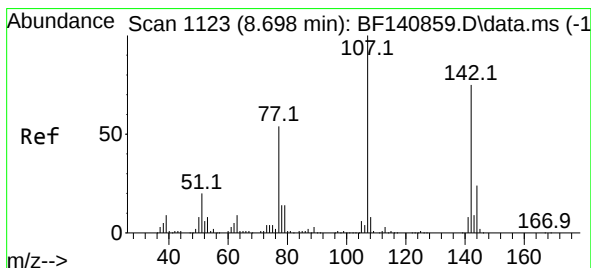
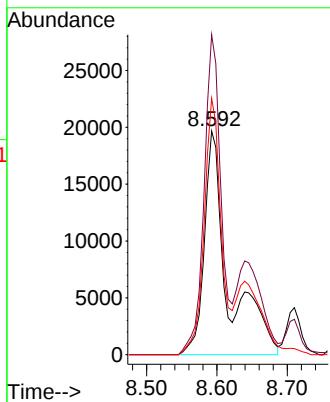
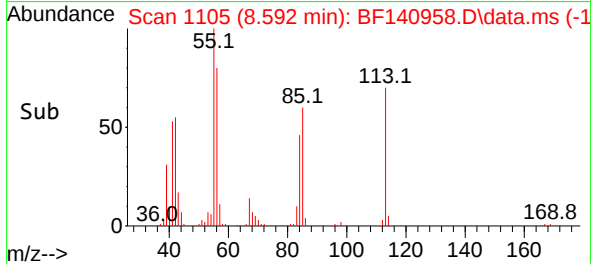
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



Tgt Ion:113 Resp: 46200
Ion Ratio Lower Upper
113 100
55 143.0 132.3 172.3
56 114.6 100.3 140.3

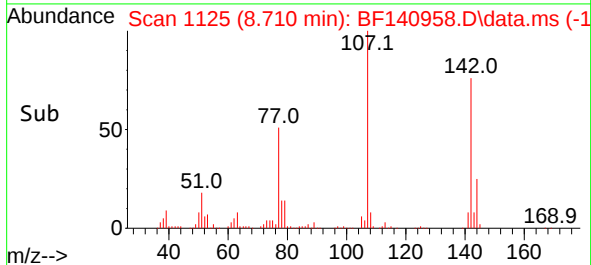
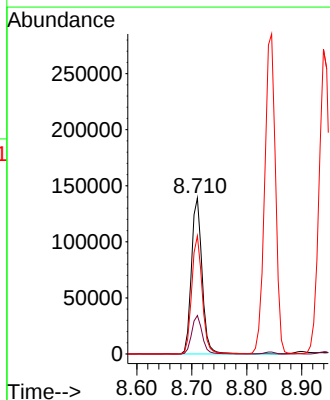
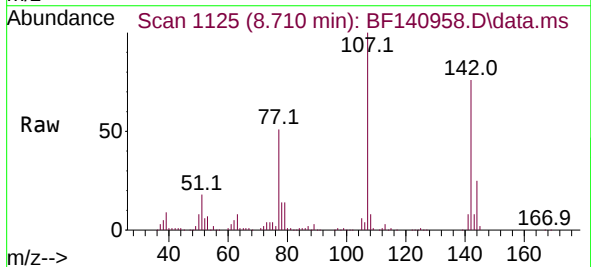
Manual Integrations
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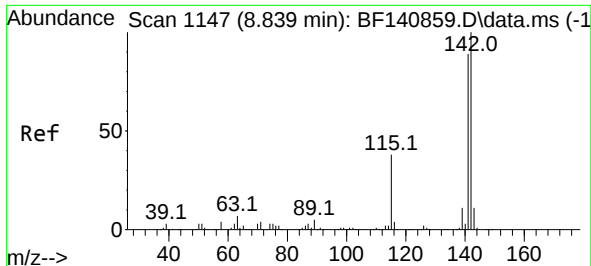
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#36
4-Chloro-3-methylphenol
Concen: 53.746 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.012 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion:107 Resp: 187185
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.2
142 75.7 60.3 90.5





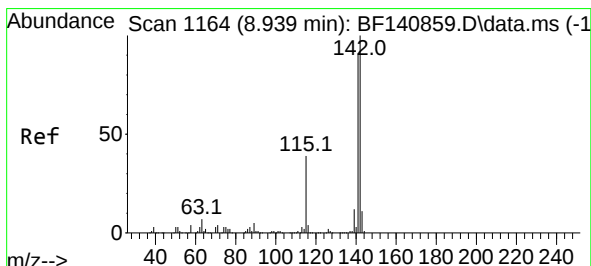
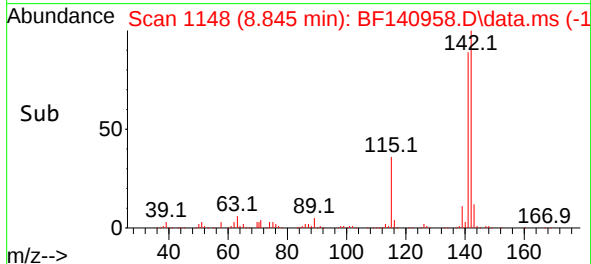
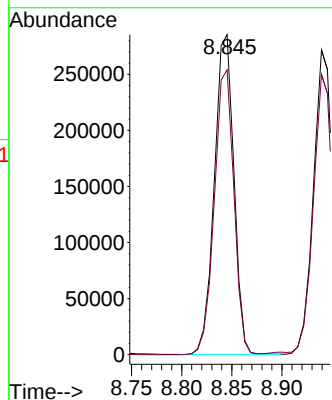
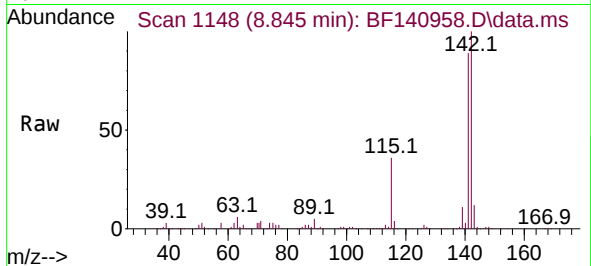
#37
2-Methylnaphthalene
Concen: 52.190 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion:142 Resp: 385928
Ion Ratio Lower Upper
142 100
141 89.0 71.0 106.6

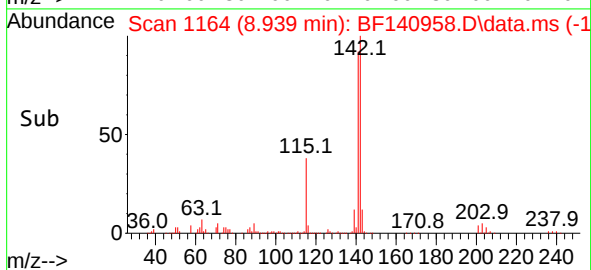
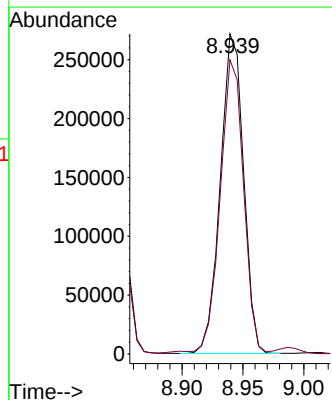
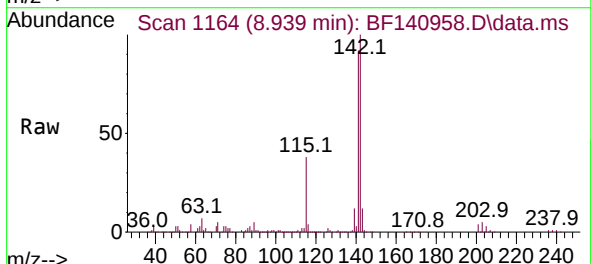
Manual Integrations
APPROVED

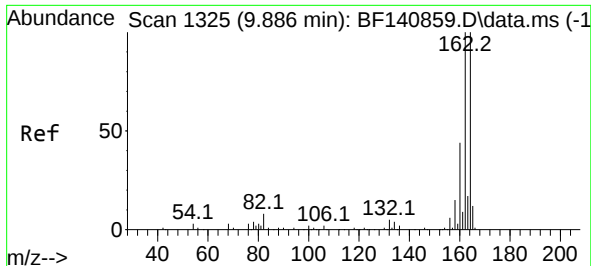
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#38
1-Methylnaphthalene
Concen: 49.371 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

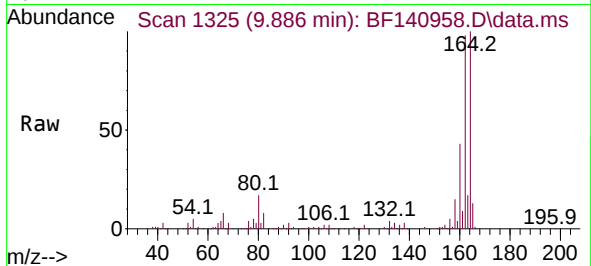
Tgt Ion:142 Resp: 361063
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11756
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

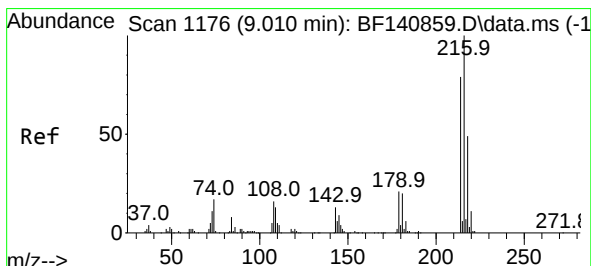
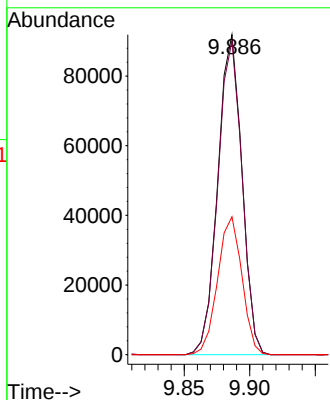
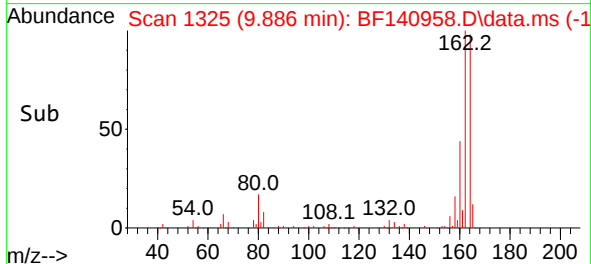
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



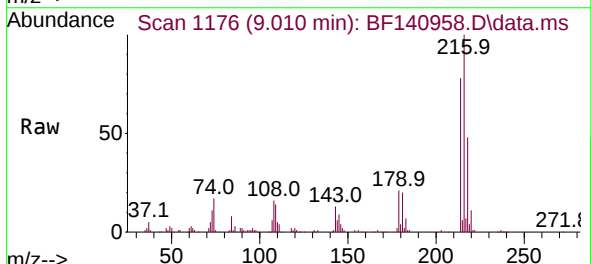
Tgt Ion:164 Resp: 117560
Ion Ratio Lower Upper
164 100
162 98.1 79.9 119.9
160 43.1 35.2 52.8

Manual Integrations
APPROVED

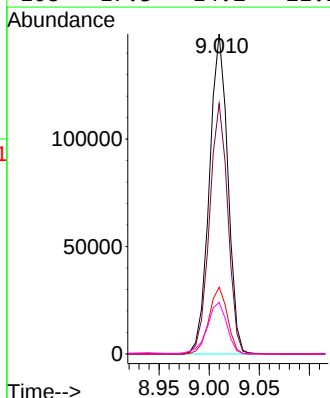
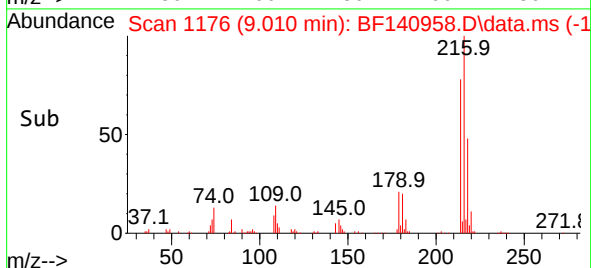
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

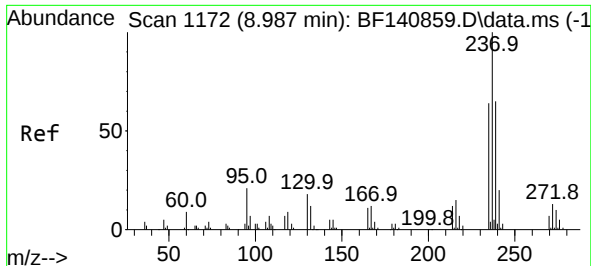


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.676 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:216 Resp: 190337
Ion Ratio Lower Upper
216 100
214 77.7 63.6 95.4
179 20.8 17.0 25.4
108 17.3 14.2 21.2





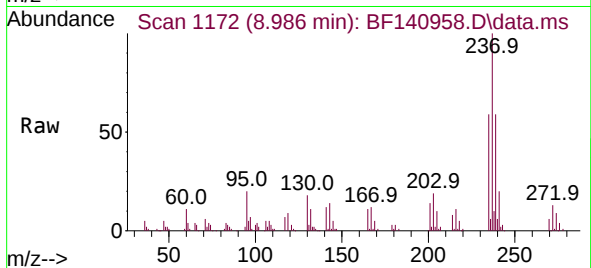
#41
Hexachlorocyclopentadiene
Concen: 56.740 ng
RT: 8.986 min Scan# 1172
Delta R.T. -0.001 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

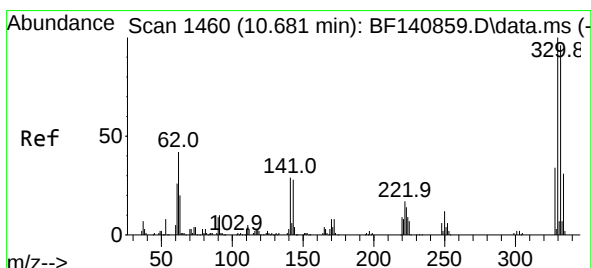
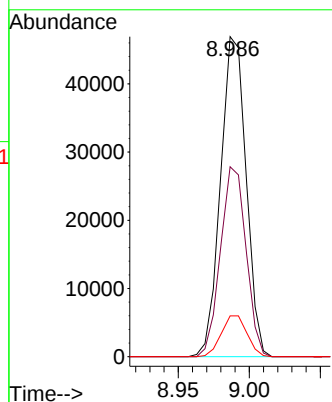
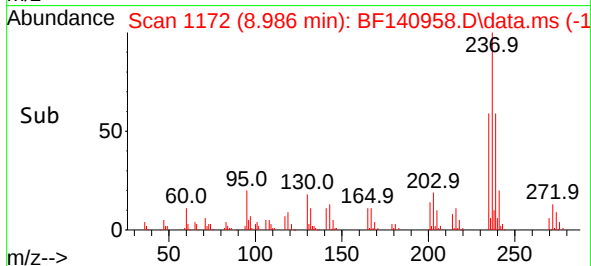


Tgt Ion:237 Resp: 5873
Ion Ratio Lower Upper
237 100
235 59.4 43.7 83.7
272 12.8 0.0 32.9

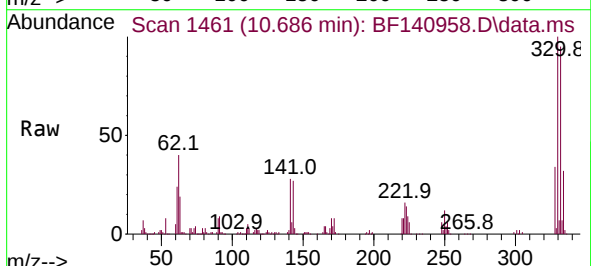
Manual Integrations

APPROVED

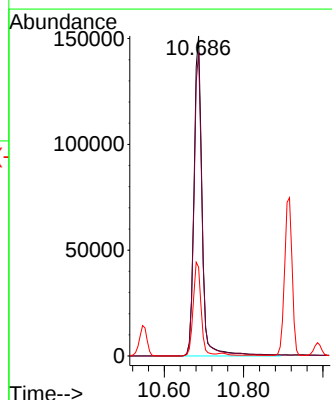
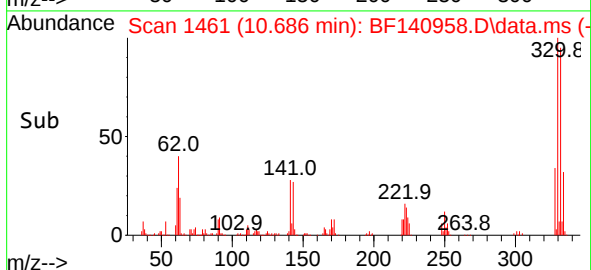
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

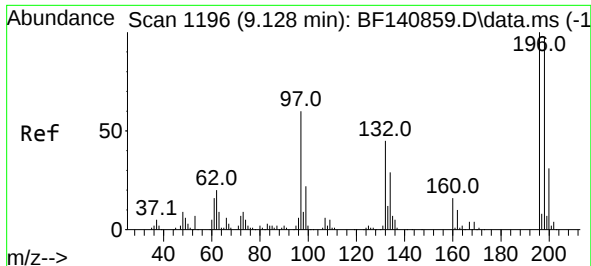


#42
2,4,6-Tribromophenol
Concen: 154.774 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:330 Resp: 215198
Ion Ratio Lower Upper
330 100
332 92.9 76.2 114.4
141 28.5 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 52.426 ng

RT: 9.133 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion:196 Resp: 115990

Ion Ratio Lower Upper

196 100

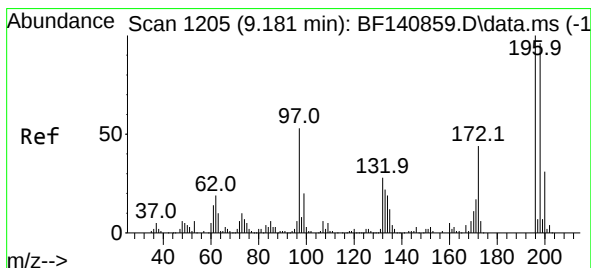
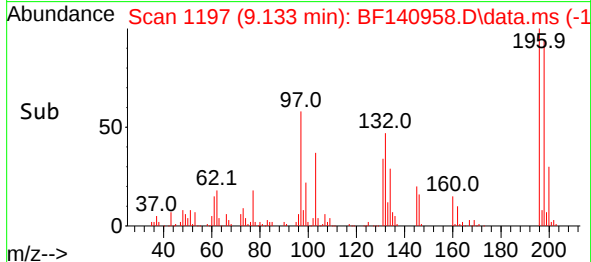
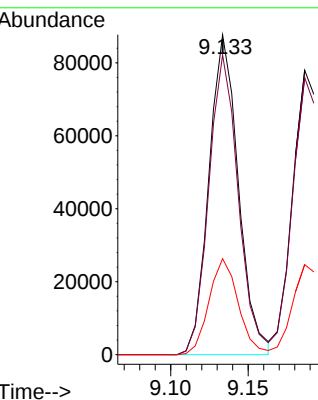
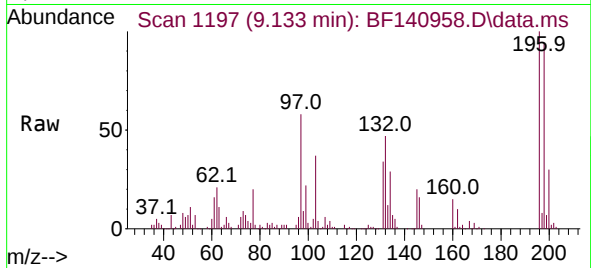
198 93.6 77.4 116.0

200 30.0 24.5 36.7

Manual Integrations

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



#44

2,4,5-Trichlorophenol

Concen: 48.995 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Tgt Ion:196 Resp: 119151

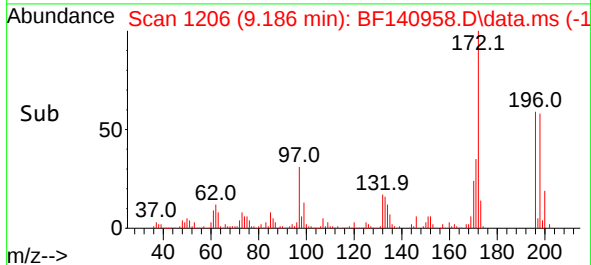
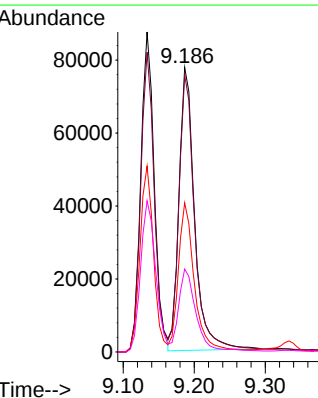
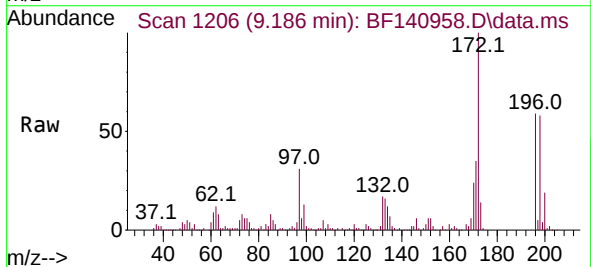
Ion Ratio Lower Upper

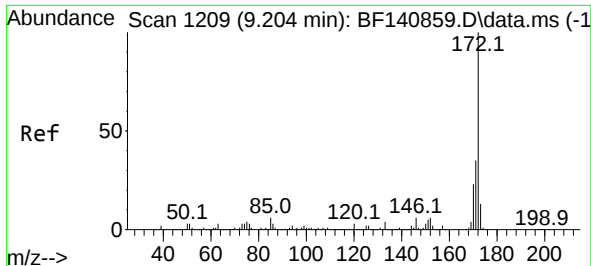
196 100

198 97.4 77.2 115.8

97 52.4 42.2 63.4

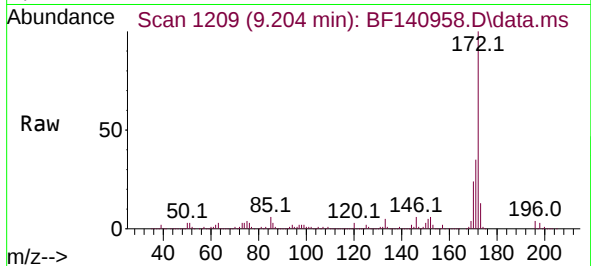
132 29.1 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 101.351 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

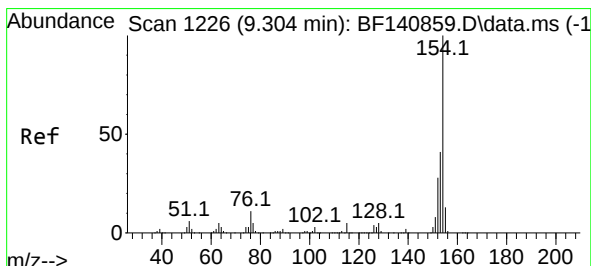
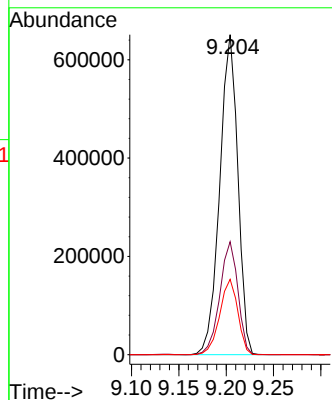
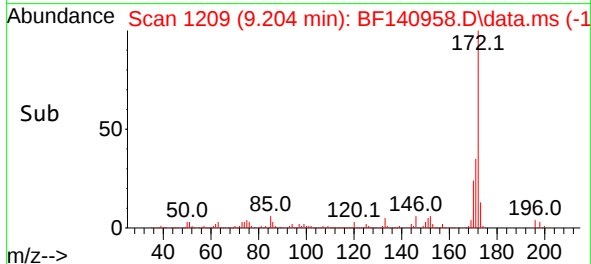
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



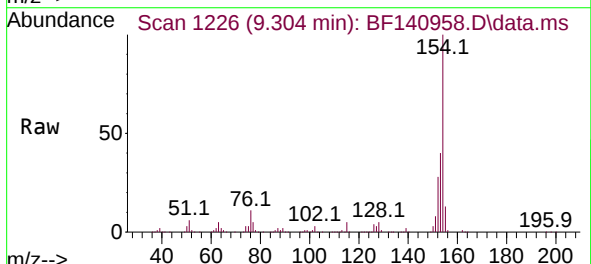
Tgt Ion:172 Resp: 866629
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.6 18.6 28.0

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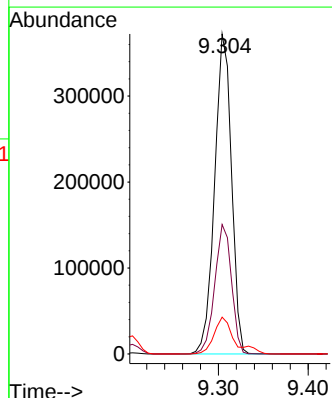
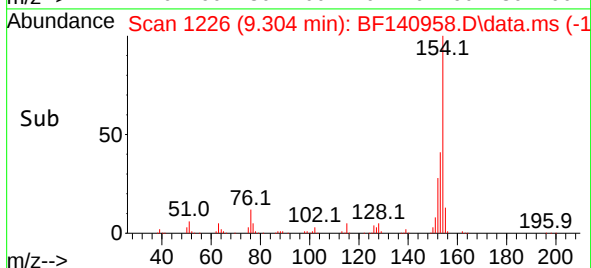
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

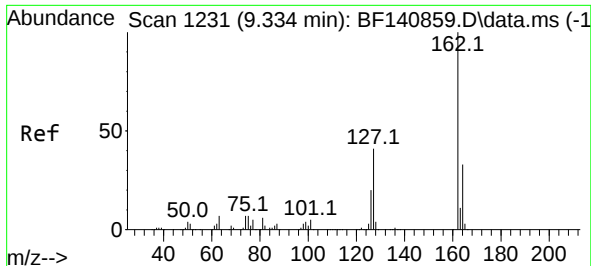


#46
1,1'-Biphenyl
Concen: 51.951 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:154 Resp: 485644
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 50.883 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

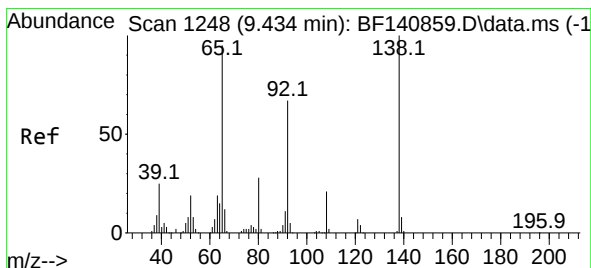
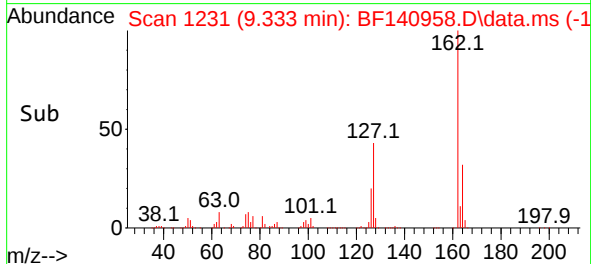
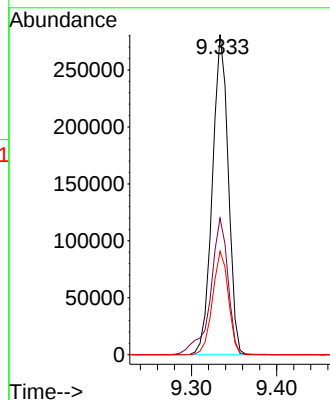
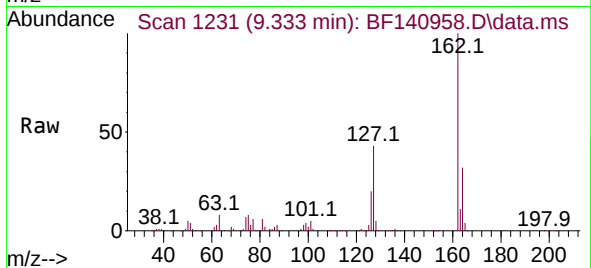
TP-5MSD

Tgt Ion:162 Resp: 36388
 Ion Ratio Lower Upper
 162 100
 127 42.6 33.5 50.3
 164 32.3 26.2 39.2

Manual Integrations

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



#48

2-Nitroaniline

Concen: 52.990 ng

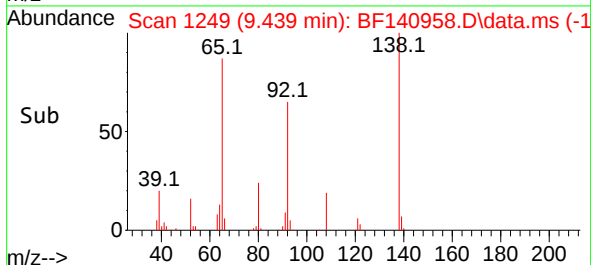
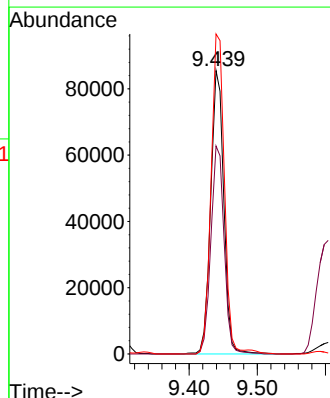
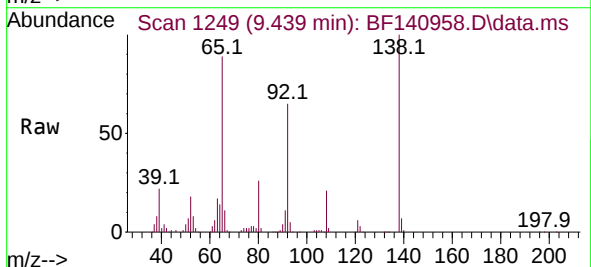
RT: 9.439 min Scan# 1249

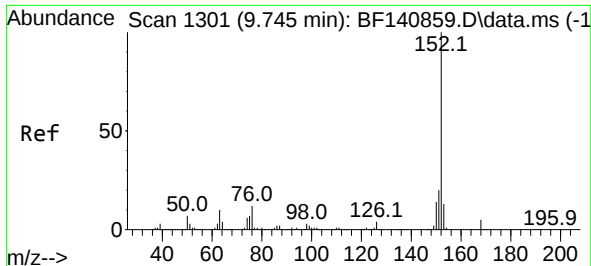
Delta R.T. 0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Tgt Ion: 65 Resp: 114449
 Ion Ratio Lower Upper
 65 100
 92 73.4 56.3 84.5
 138 112.9 83.8 125.6





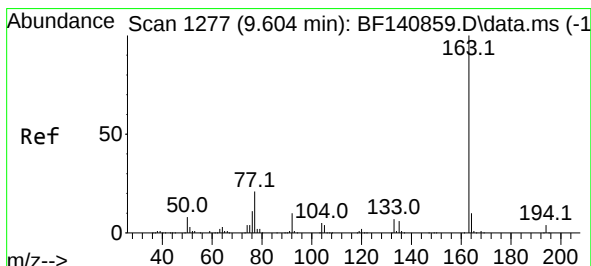
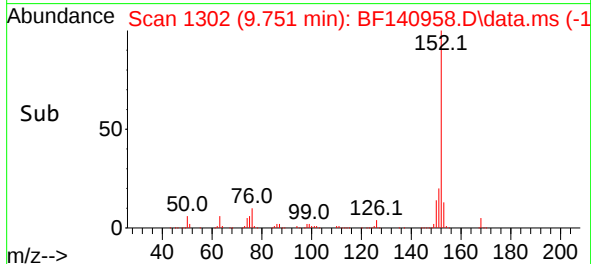
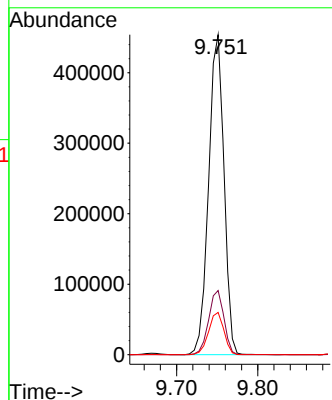
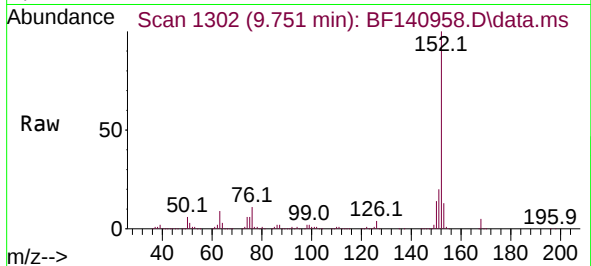
#49
Acenaphthylene
Concen: 56.638 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion:152 Resp: 595249
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.2 10.6 16.0

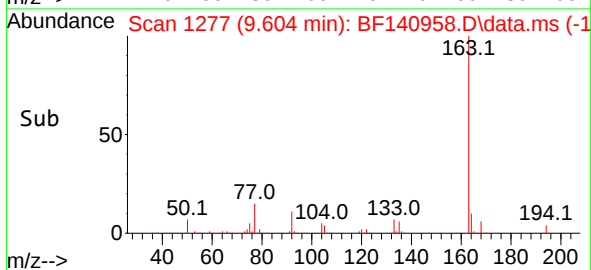
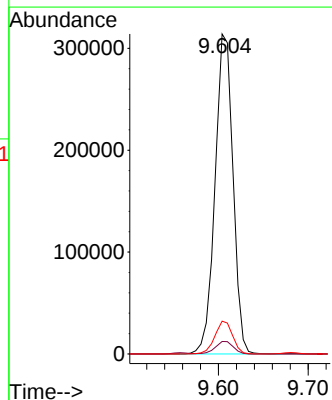
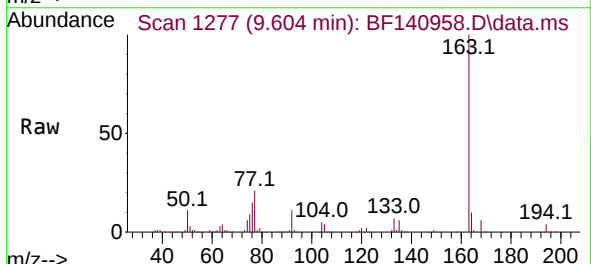
Manual Integrations
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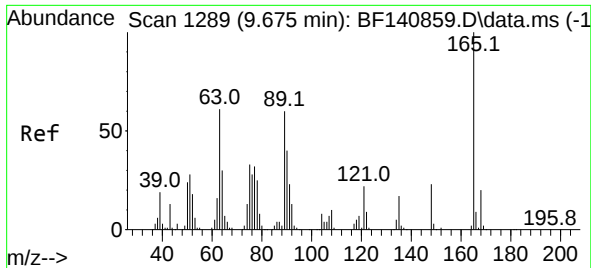
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#50
Dimethylphthalate
Concen: 52.685 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

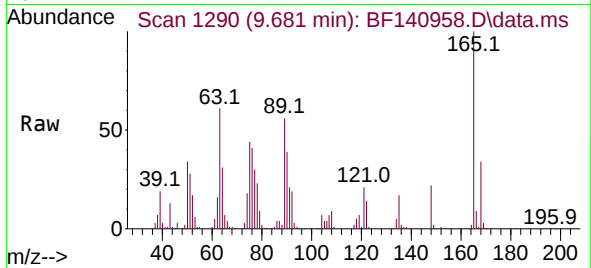
Tgt Ion:163 Resp: 436668
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.163 ng
RT: 9.681 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

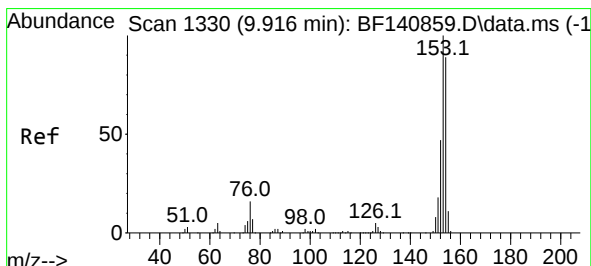
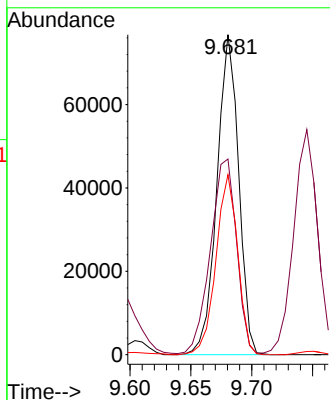
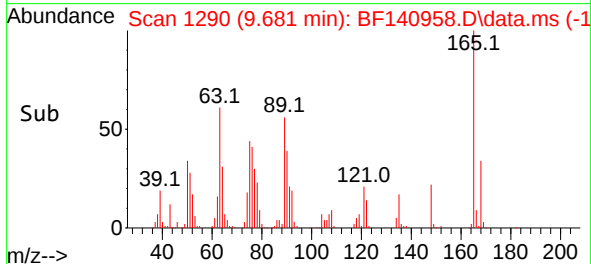
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



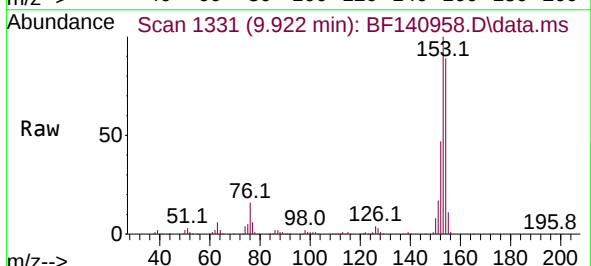
Tgt Ion:165 Resp: 9504
Ion Ratio Lower Upper
165 100
63 61.2 49.7 74.5
89 56.3 48.2 72.4

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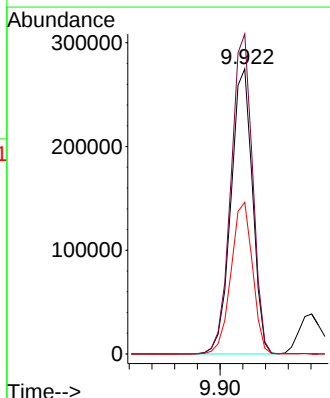
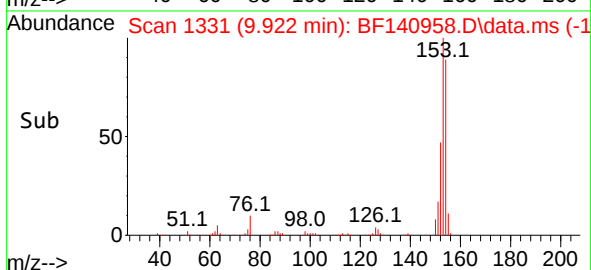
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

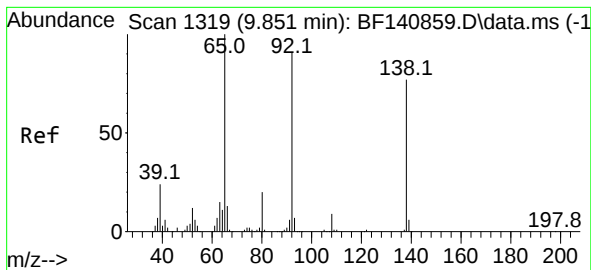


#52
Acenaphthene
Concen: 53.925 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:154 Resp: 362020
Ion Ratio Lower Upper
154 100
153 112.2 89.9 134.9
152 53.2 42.6 63.8





#53

3-Nitroaniline

Concen: 18.114 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion:138 Resp: 3406

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

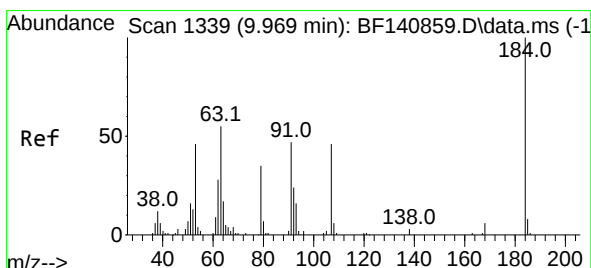
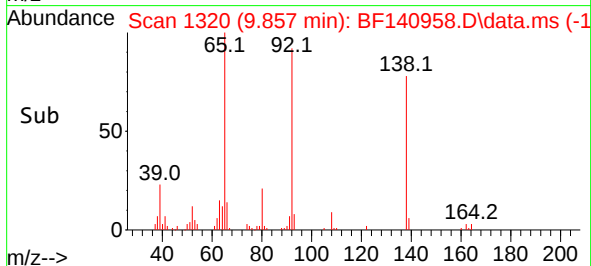
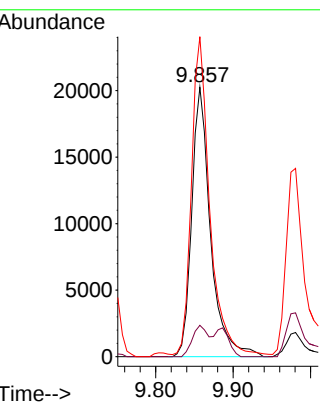
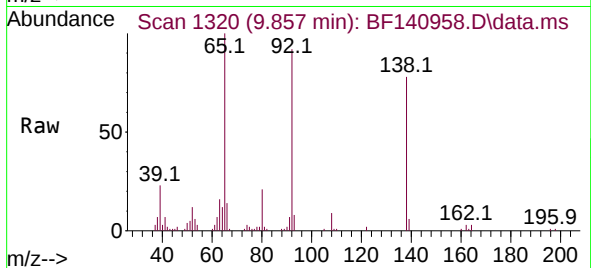
92 118.8 95.5 143.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024

Supervised By :mohammad ahmed 12/24/2024



#54

2,4-Dinitrophenol

Concen: 105.187 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.011 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

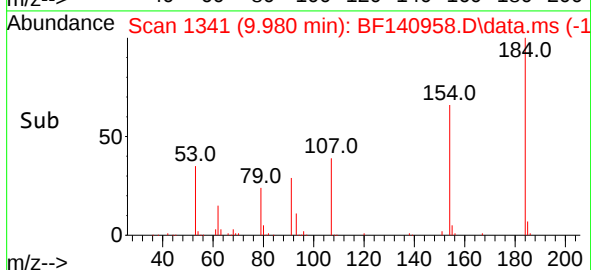
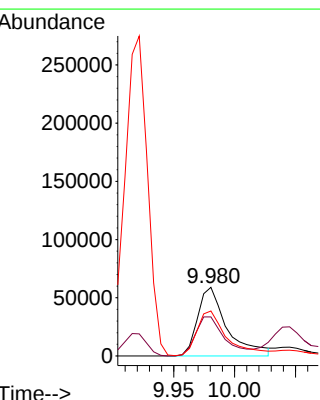
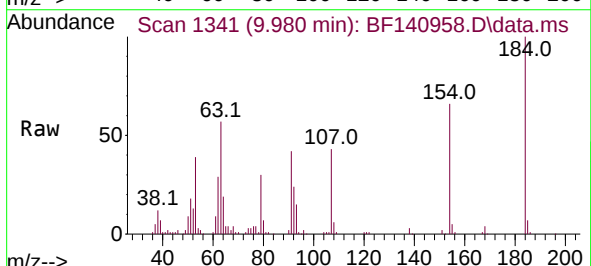
Tgt Ion:184 Resp: 99319

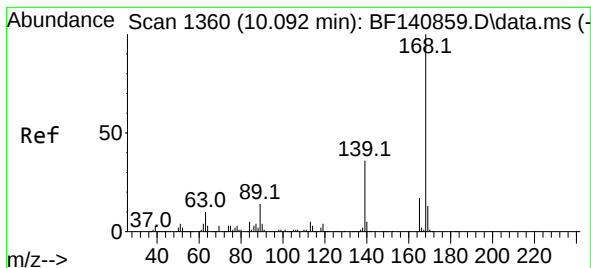
Ion Ratio Lower Upper

184 100

63 57.0 51.6 77.4

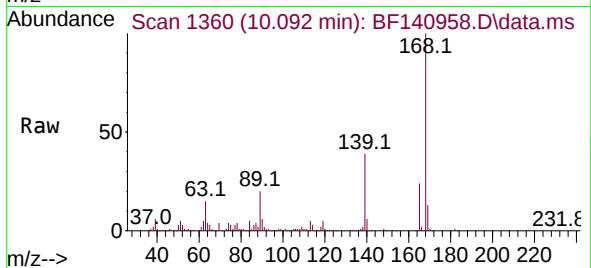
154 65.6 56.1 84.1





#55
Dibenzofuran
Concen: 52.864 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

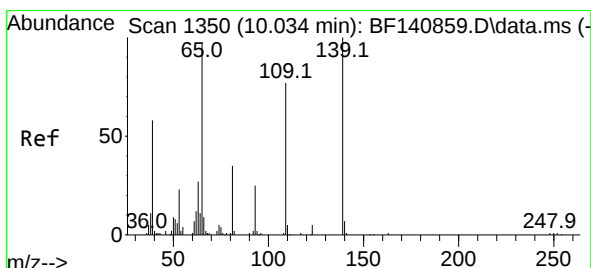
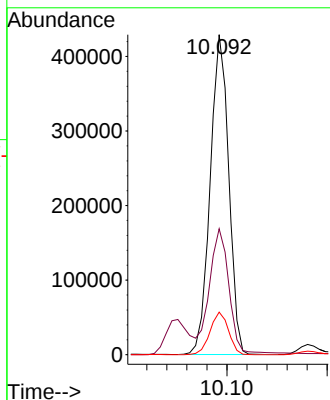
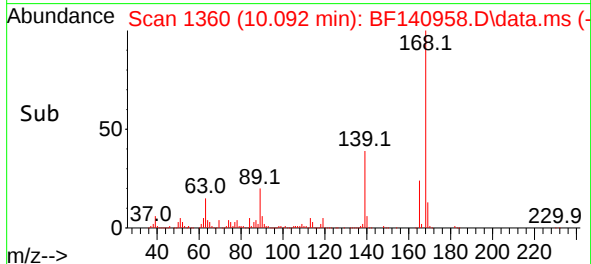
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



Tgt Ion:168 Resp: 54993
Ion Ratio Lower Upper
168 100
139 39.4 31.1 46.7
169 13.3 10.6 16.0

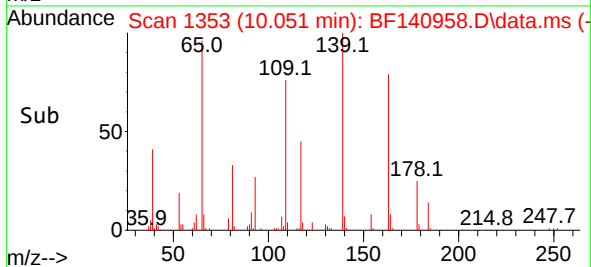
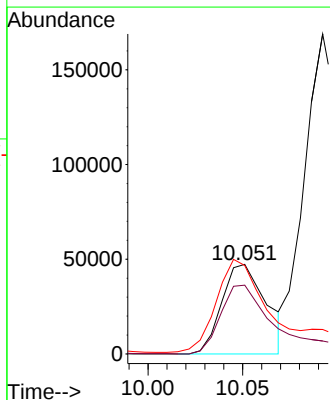
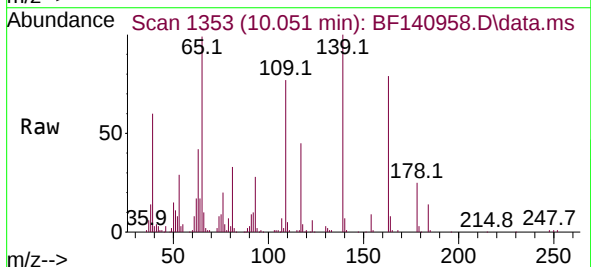
Manual Integrations
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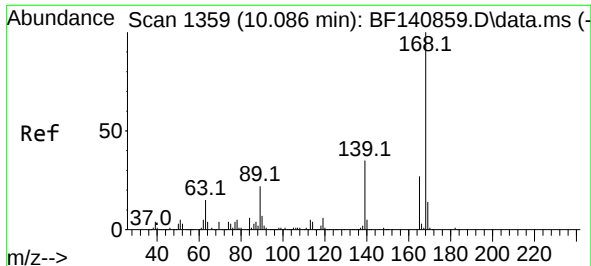
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#56
4-Nitrophenol
Concen: 76.290 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

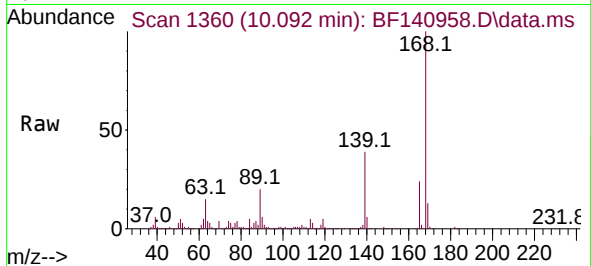
Tgt Ion:139 Resp: 76943
Ion Ratio Lower Upper
139 100
109 76.7 56.7 96.7
65 98.7 78.1 118.1





#57
2,4-Dinitrotoluene
Concen: 53.137 ng
RT: 10.092 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

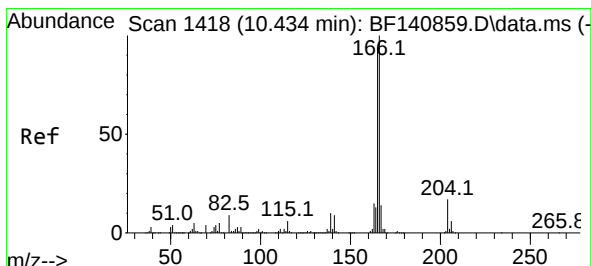
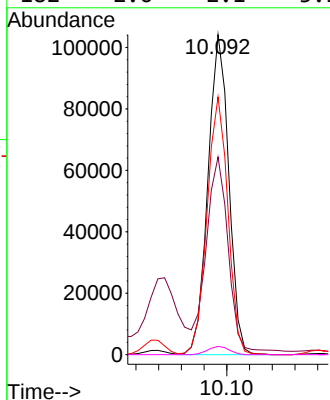
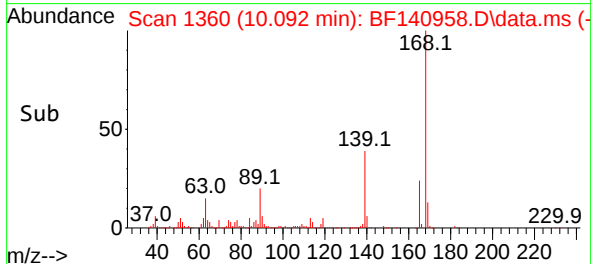
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



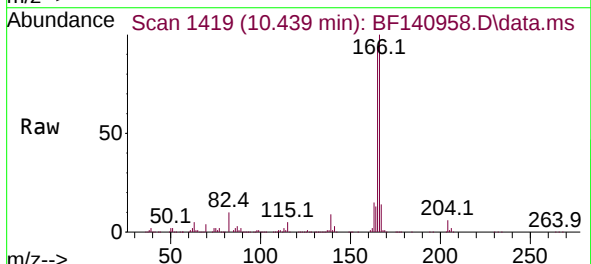
Tgt Ion:165 Resp: 132470
Ion Ratio Lower Upper
165 100
63 61.8 49.3 73.9
89 80.5 66.2 99.4
182 2.6 2.1 3.1

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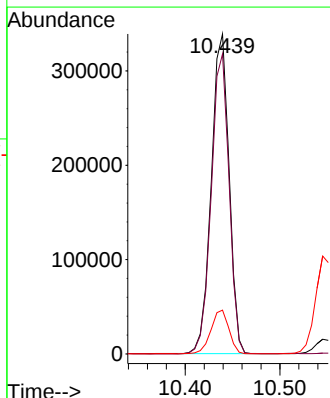
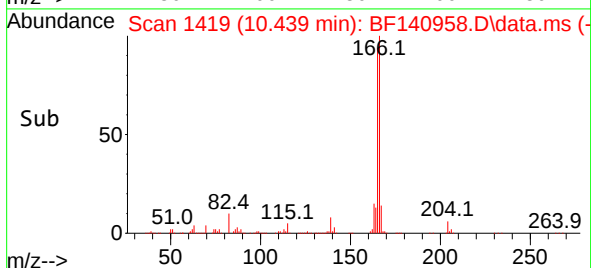
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

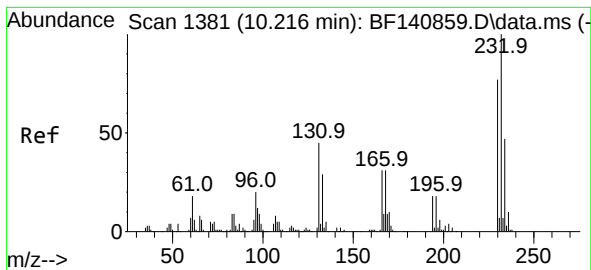


#58
Fluorene
Concen: 51.697 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



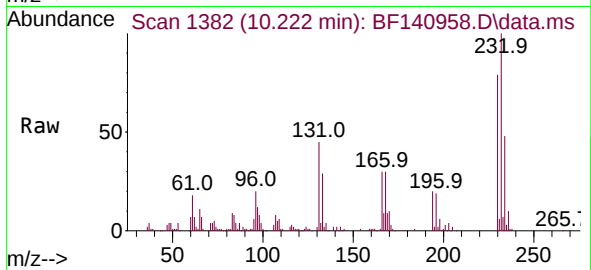
Tgt Ion:166 Resp: 443670
Ion Ratio Lower Upper
166 100
165 93.8 75.1 112.7
167 13.7 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.737 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

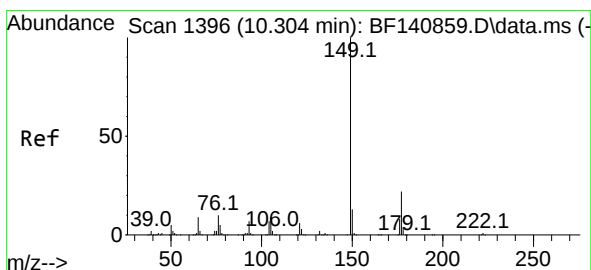
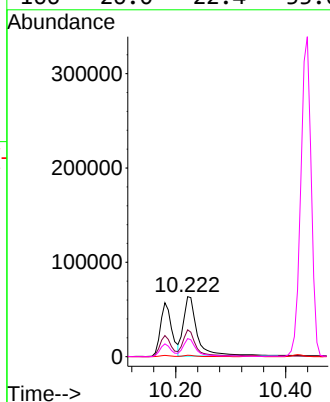
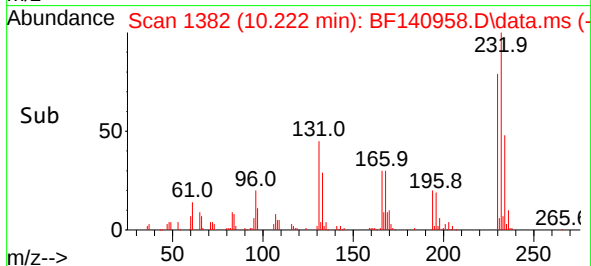
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



Tgt Ion:232 Resp: 108461
Ion Ratio Lower Upper
232 100
131 38.1 35.1 52.7
130 1.9 1.8 2.8
166 26.0 22.4 33.6

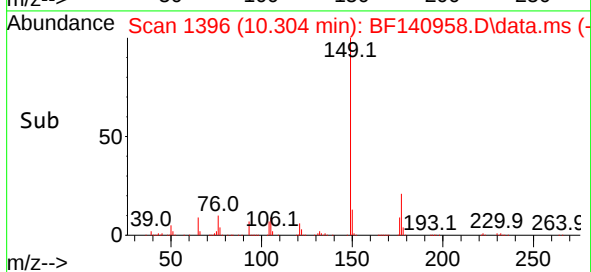
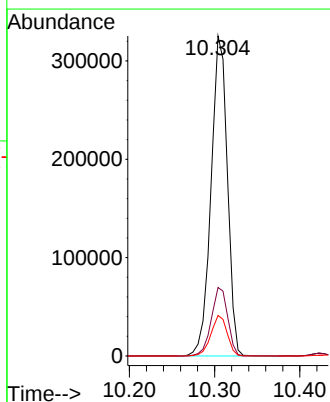
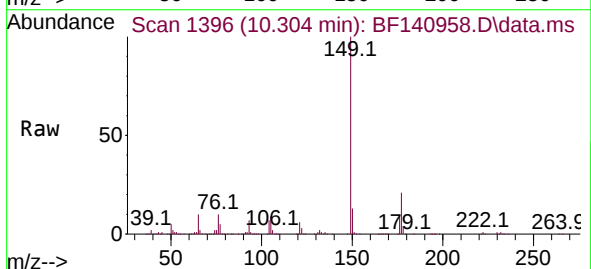
Manual Integrations
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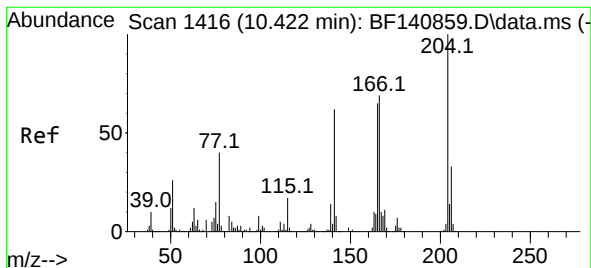
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#60
Diethylphthalate
Concen: 50.390 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

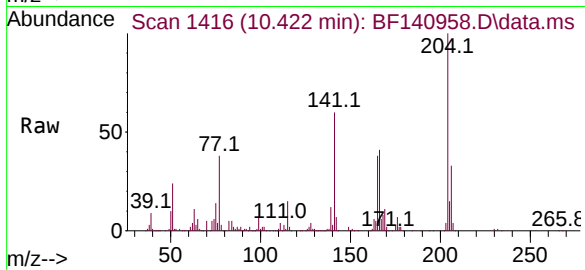
Tgt Ion:149 Resp: 433086
Ion Ratio Lower Upper
149 100
177 21.4 17.2 25.8
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.753 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

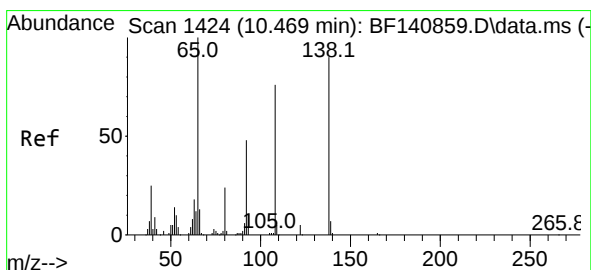
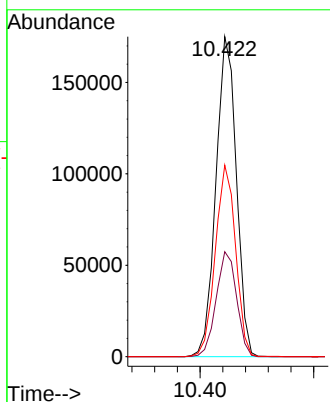
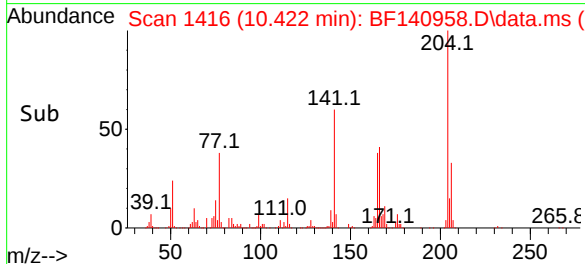
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



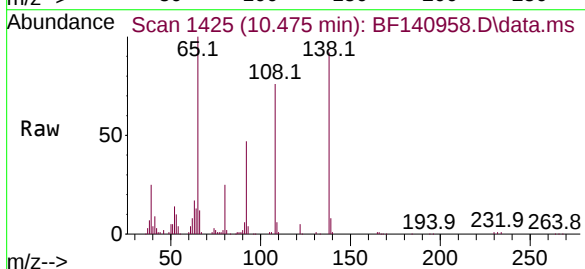
Tgt Ion:204 Resp: 21879
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 59.9 50.0 75.0

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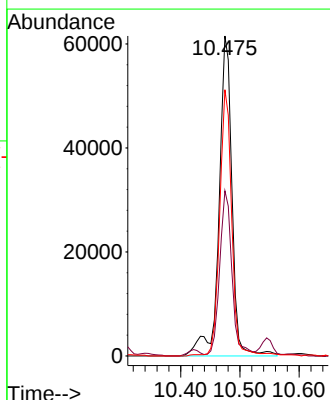
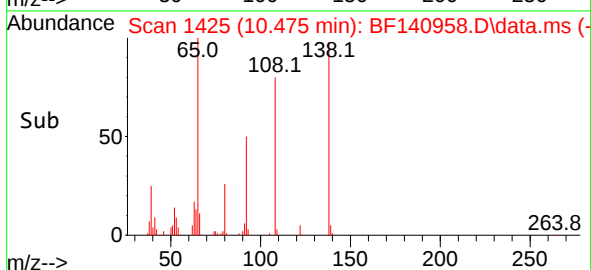
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

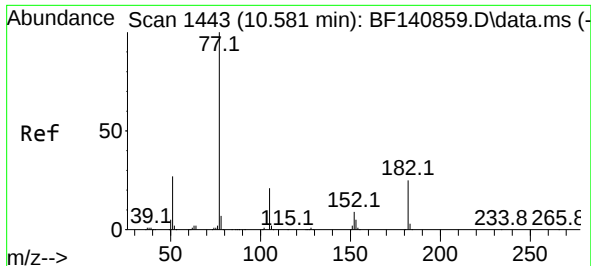


#62
4-Nitroaniline
Concen: 47.599 ng m
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



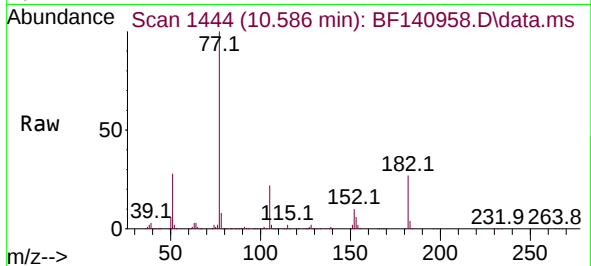
Tgt Ion:138 Resp: 93529
Ion Ratio Lower Upper
138 100
92 51.6 32.6 72.6
108 83.2 64.1 104.1





#63
Azobenzene
Concen: 48.588 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

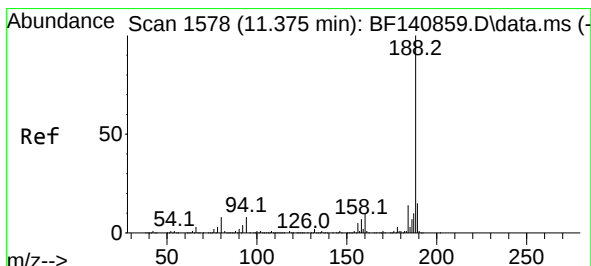
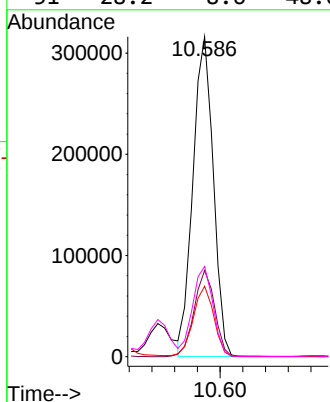
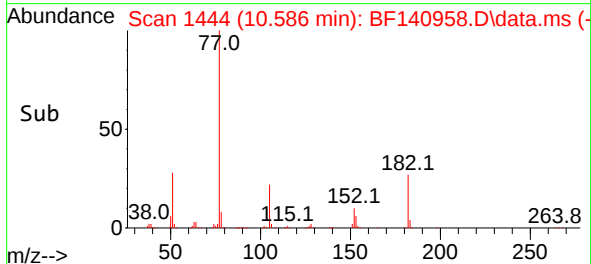
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



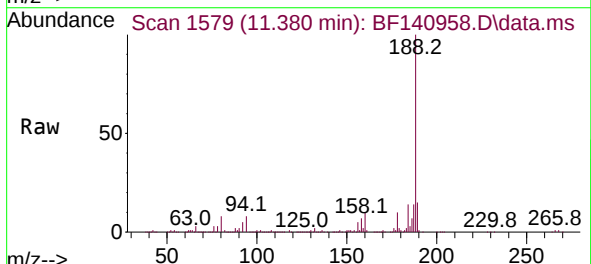
Tgt Ion: 77 Resp: 39258
Ion Ratio Lower Upper
77 100
182 26.9 4.5 44.5
105 22.0 0.9 40.9
51 28.2 8.6 48.6

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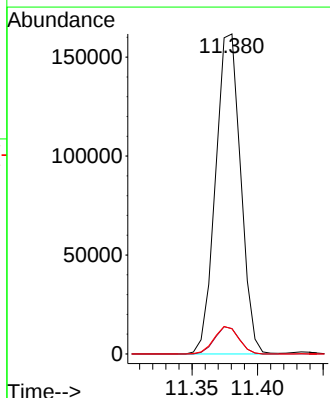
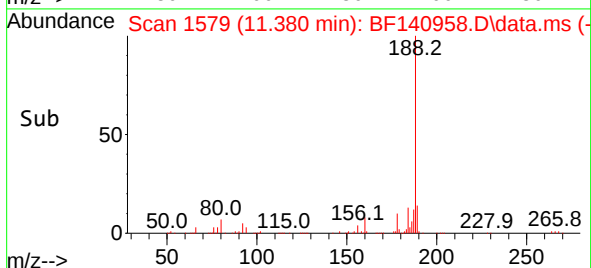
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

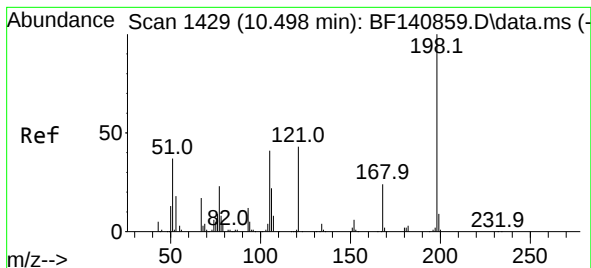


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:188 Resp: 214958
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 7.8 6.8 10.2





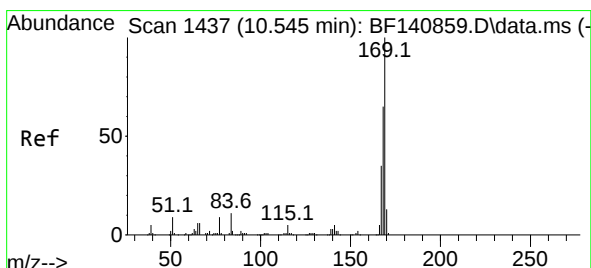
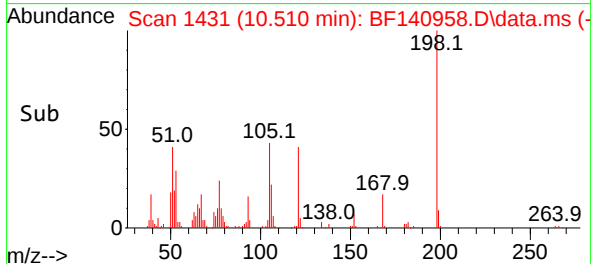
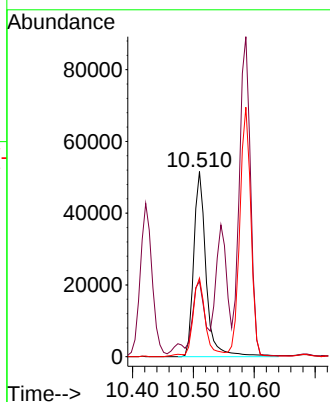
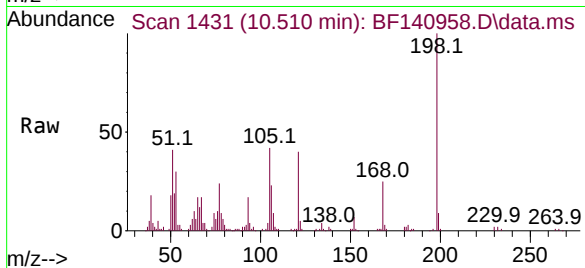
#65
4,6-Dinitro-2-methylphenol
Concen: 59.792 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion:198 Resp: 7283
Ion Ratio Lower Upper
198 100
51 40.7 24.4 64.4
105 42.5 22.1 62.1

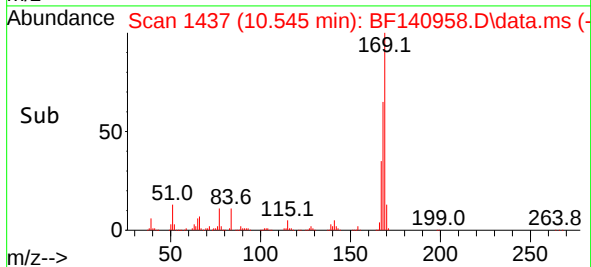
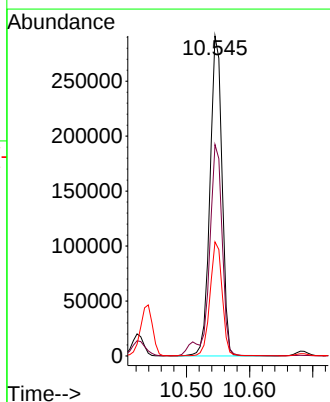
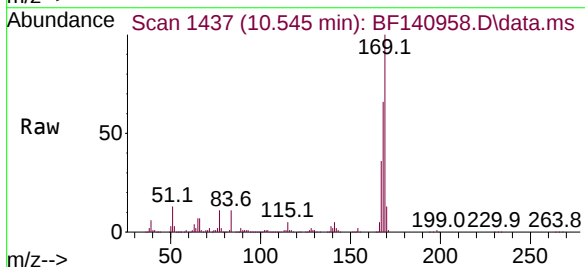
Manual Integrations
APPROVED

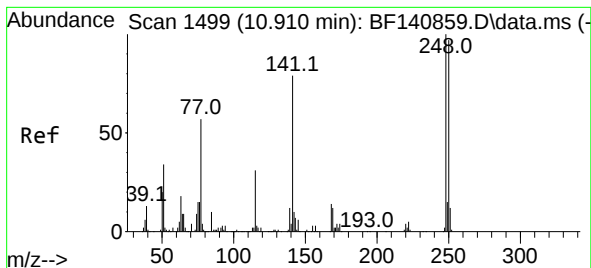
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#66
n-Nitrosodiphenylamine
Concen: 58.327 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

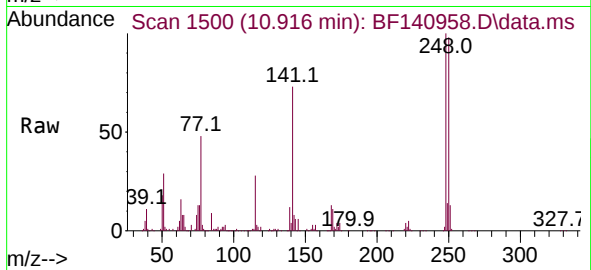
Tgt Ion:169 Resp: 385484
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 35.6 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 54.090 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

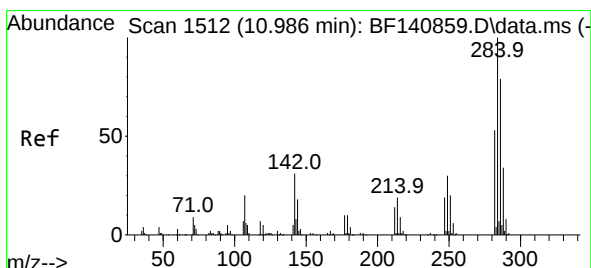
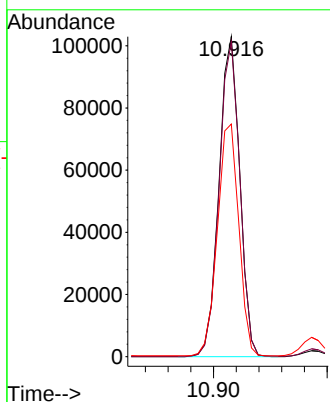
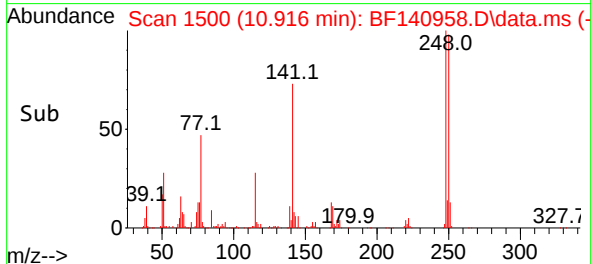
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



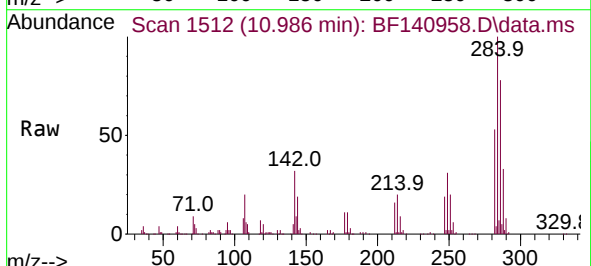
Tgt Ion:248 Resp: 130074
Ion Ratio Lower Upper
248 100
250 98.4 77.4 116.2
141 72.7 62.9 94.3

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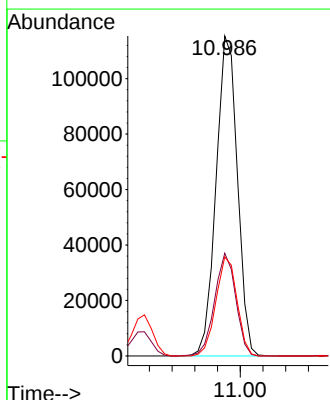
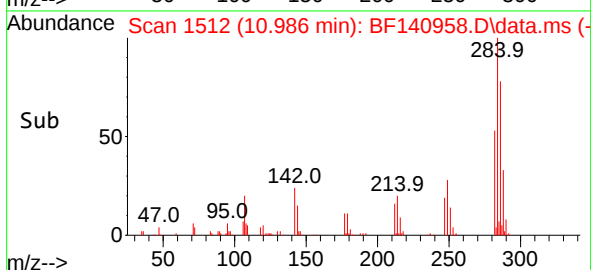
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

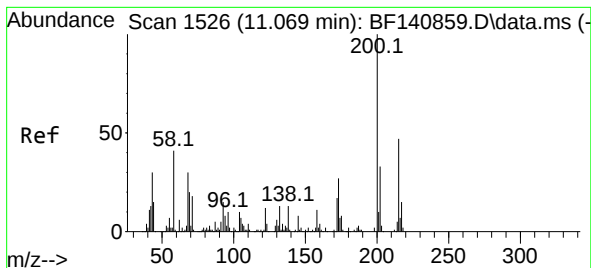


#68
Hexachlorobenzene
Concen: 55.110 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:284 Resp: 150259
Ion Ratio Lower Upper
284 100
142 32.1 24.6 36.8
249 30.9 24.3 36.5





#69

Atrazine

Concen: 67.982 ng

RT: 11.075 min Scan# 11075

Delta R.T. 0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

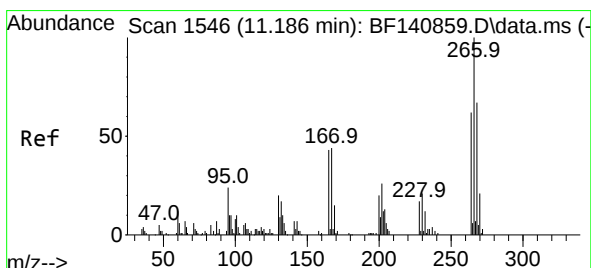
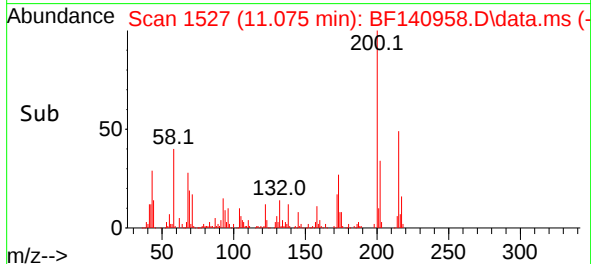
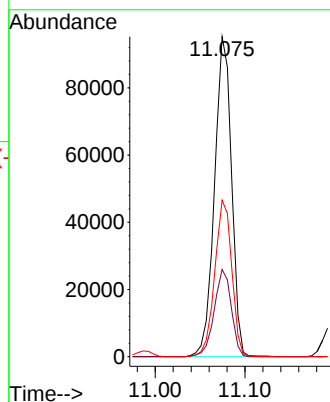
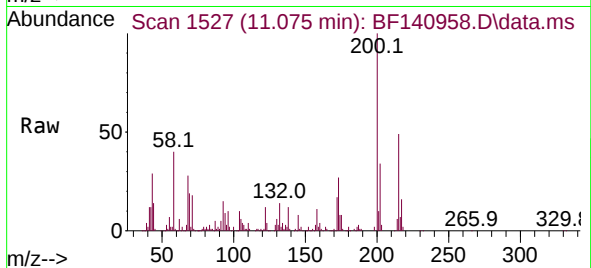
TP-5MSD

Tgt Ion:200 Resp: 12548
Ion Ratio Lower Upper
200 100
173 27.2 6.6 46.6
215 48.9 26.7 66.7

Manual Integrations

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



#70

Pentachlorophenol

Concen: 104.801 ng

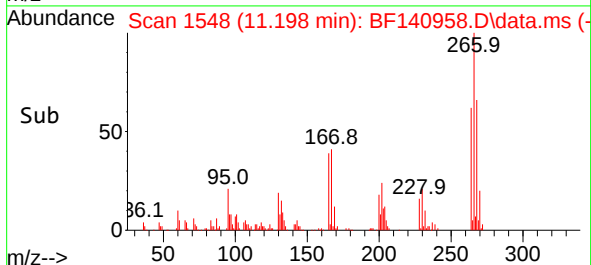
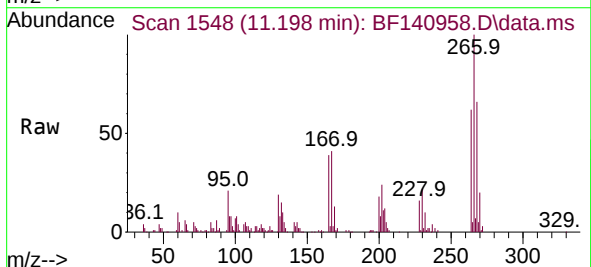
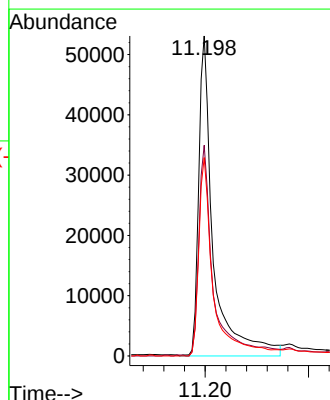
RT: 11.198 min Scan# 1548

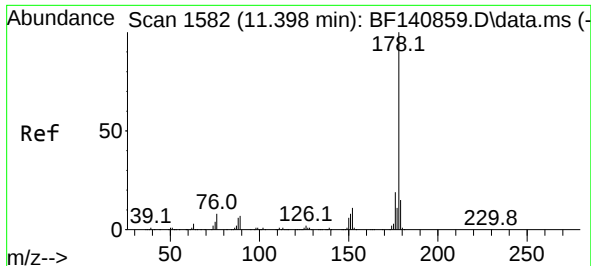
Delta R.T. 0.012 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Tgt Ion:266 Resp: 104469
Ion Ratio Lower Upper
266 100
268 65.9 54.0 81.0
264 62.0 49.4 74.2





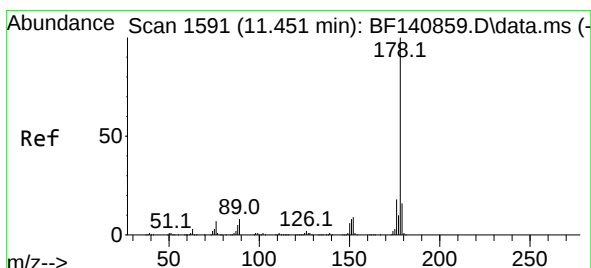
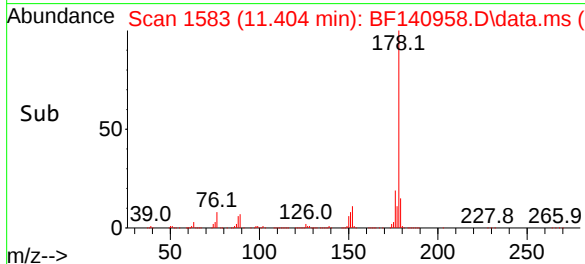
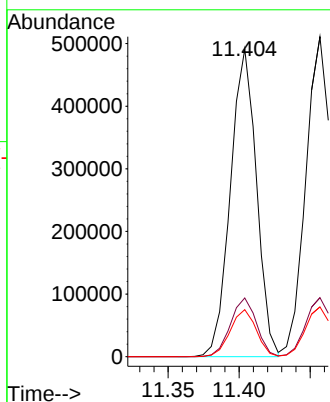
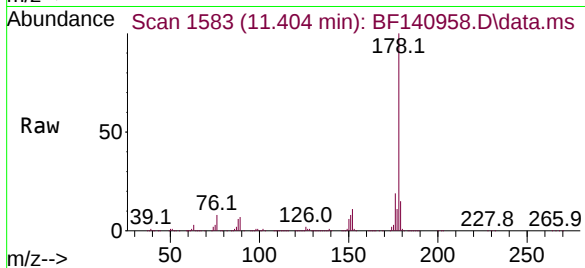
#71
Phenanthrene
Concen: 56.774 ng
RT: 11.404 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion:178 Resp: 627580
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.1 18.1

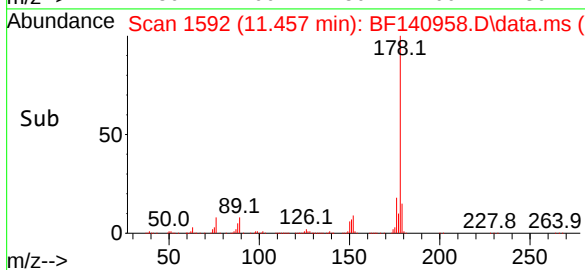
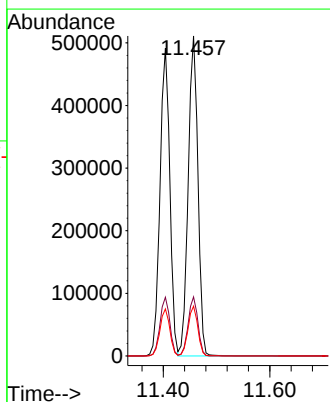
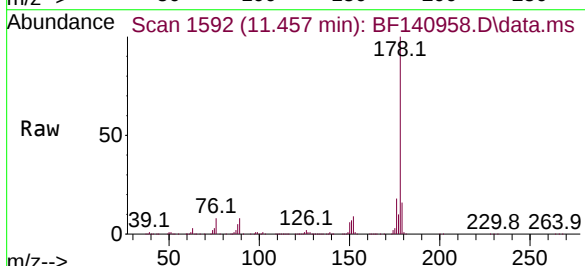
Manual Integrations
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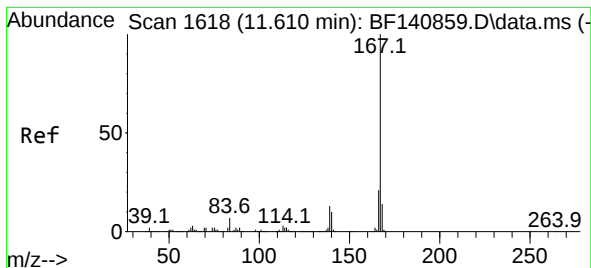
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#72
Anthracene
Concen: 59.630 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion:178 Resp: 649137
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.5 12.6 18.8





#73

Carbazole

Concen: 57.072 ng

RT: 11.616 min Scan# 1618

Delta R.T. 0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

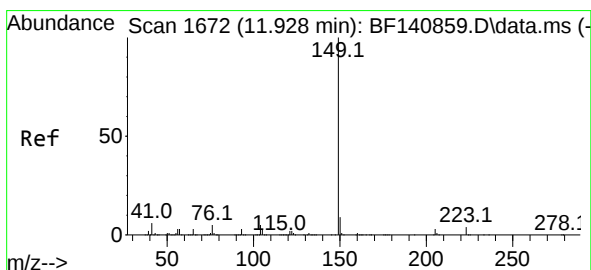
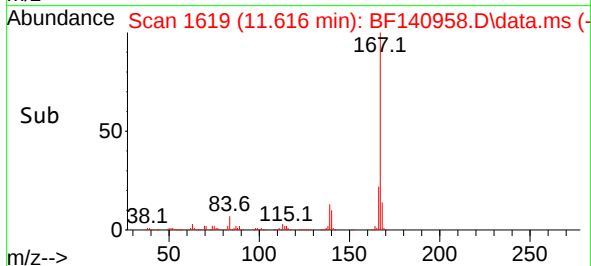
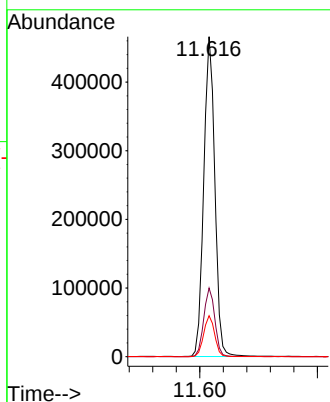
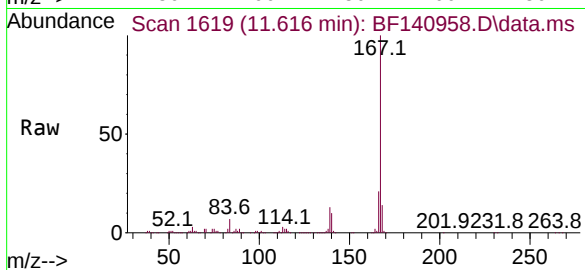
TP-5MSD

Tgt Ion:167	Resp: 60854
Ion Ratio	Lower Upper
167 100	
166 21.5	17.0 25.6
139 12.8	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: 53.472 ng

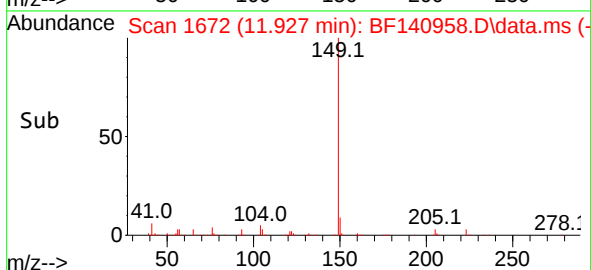
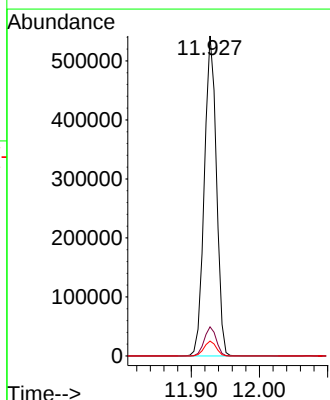
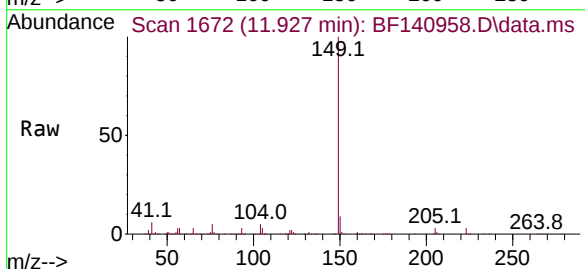
RT: 11.927 min Scan# 1672

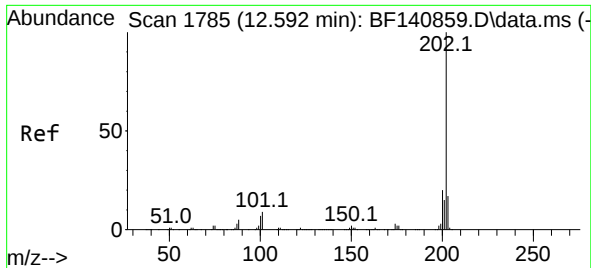
Delta R.T. -0.000 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

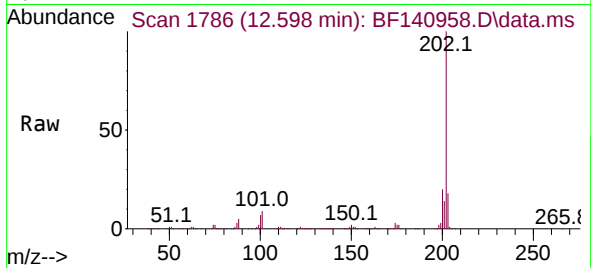
Tgt Ion:149	Resp: 669148
Ion Ratio	Lower Upper
149 100	
150 9.1	7.5 11.3
104 4.7	3.8 5.8





#75
Fluoranthene
Concen: 55.956 ng
RT: 12.598 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

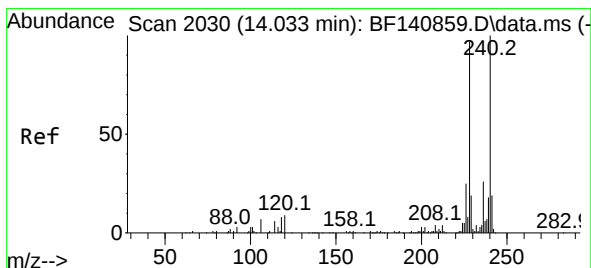
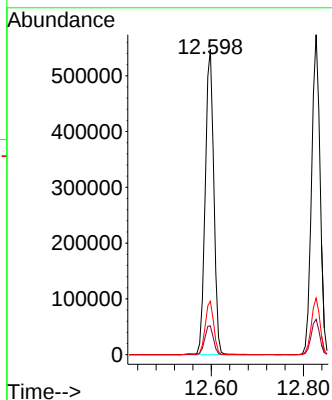
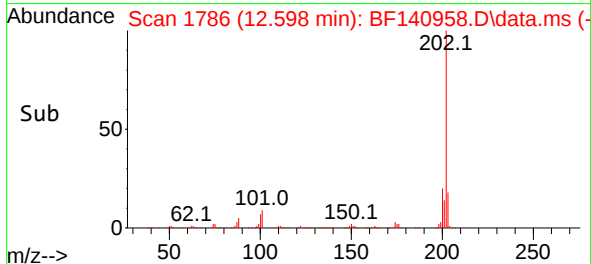
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



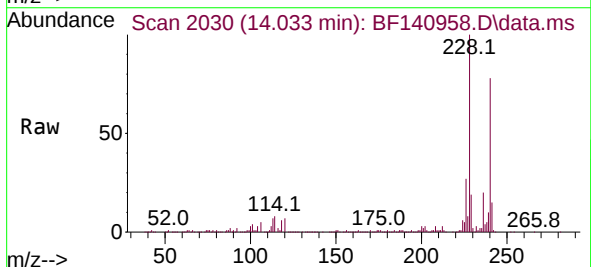
Tgt Ion:202 Resp: 712340
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.3
203 17.5 0.0 37.4

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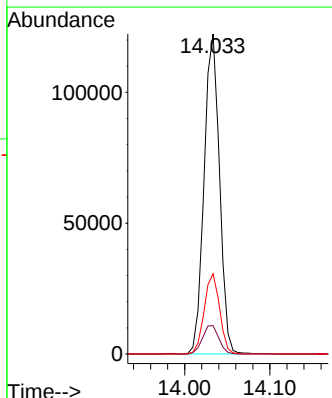
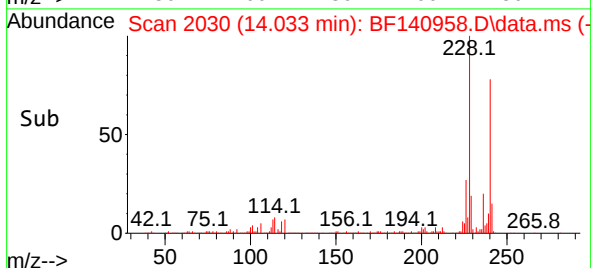
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

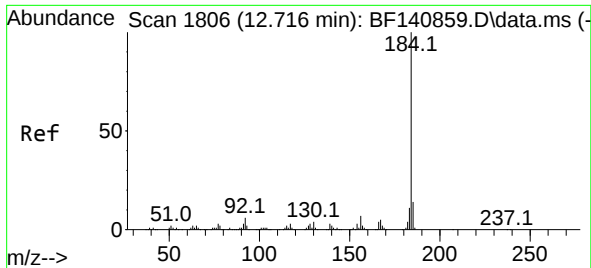


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:240 Resp: 153902
Ion Ratio Lower Upper
240 100
120 8.8 7.6 11.4
236 25.1 20.5 30.7





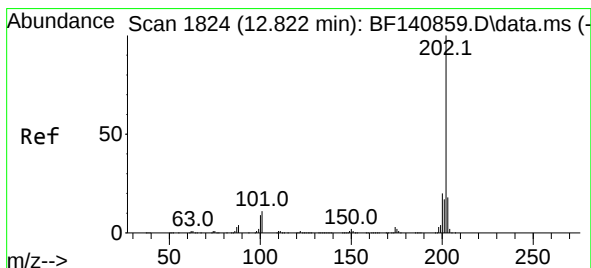
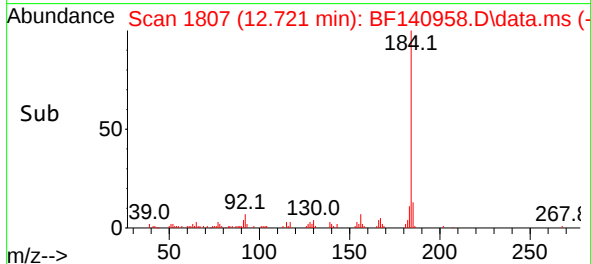
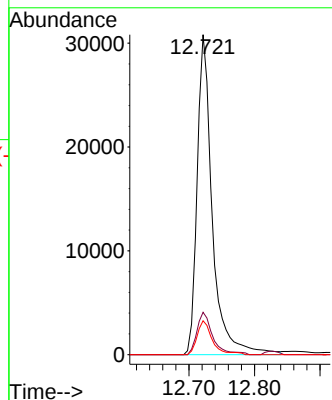
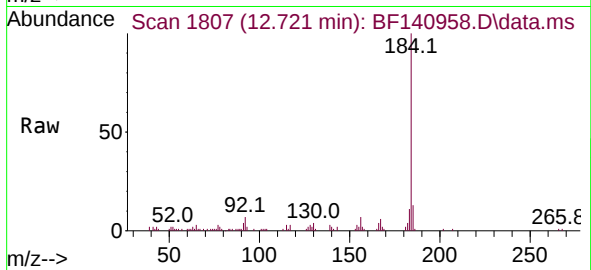
#77
Benzidine
Concen: 15.807 ng
RT: 12.721 min Scan# 1807
Delta R.T. 0.005 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Tgt Ion:184 Resp: 4965
Ion Ratio Lower Upper
184 100
185 13.2 11.1 16.7
183 10.6 9.0 13.4

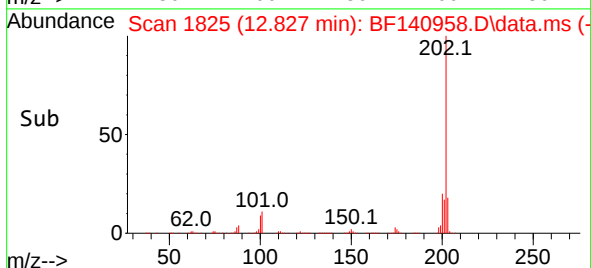
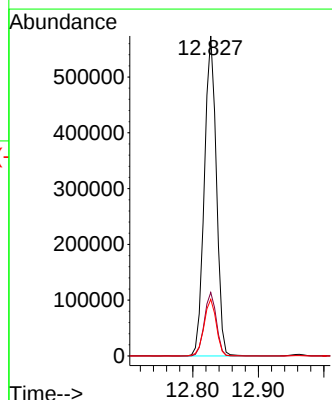
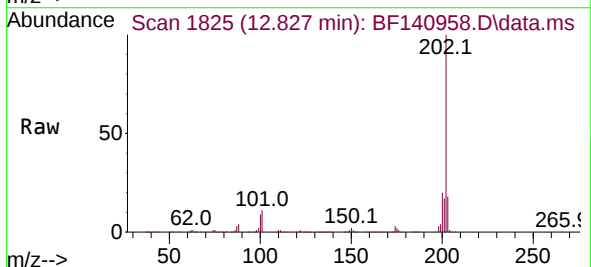
Manual Integrations
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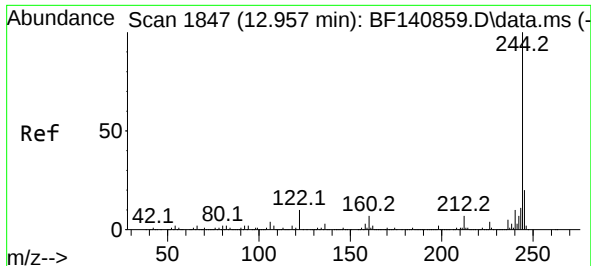
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#78
Pyrene
Concen: 53.343 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

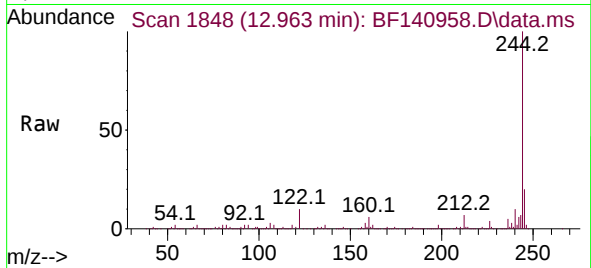
Tgt Ion:202 Resp: 730040
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.7 14.2 21.4





#79
 Terphenyl-d14
 Concen: 103.111 ng
 RT: 12.963 min Scan# 1847
 Delta R.T. 0.006 min
 Lab File: BF140958.D
 Acq: 20 Dec 2024 18:32

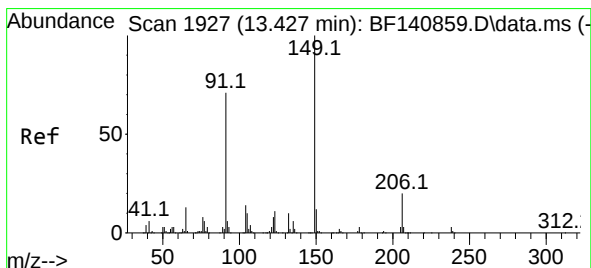
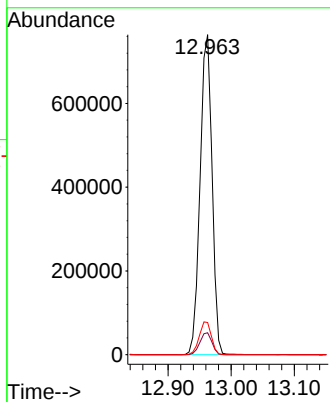
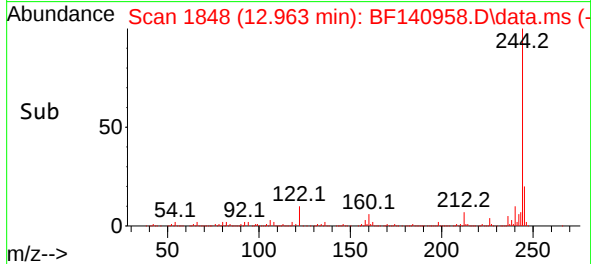
Instrument :
 BNA_F
 ClientSampleId :
 TP-5MSD



Tgt Ion:244 Resp: 1006364
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.1 8.2 12.2

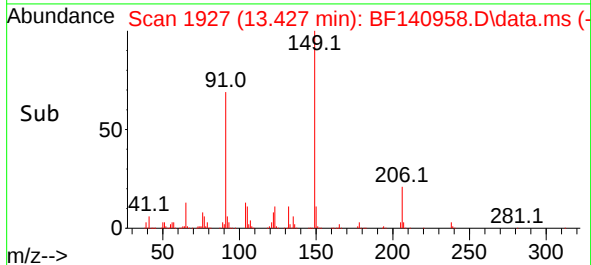
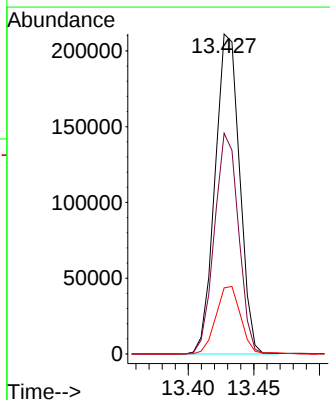
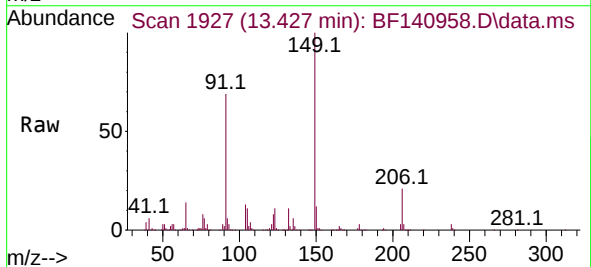
Manual Integrations
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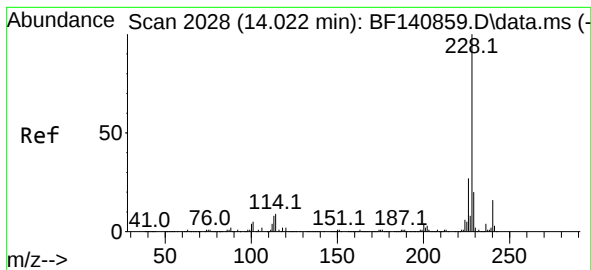
Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



#80
 Butylbenzylphthalate
 Concen: 54.612 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: BF140958.D
 Acq: 20 Dec 2024 18:32

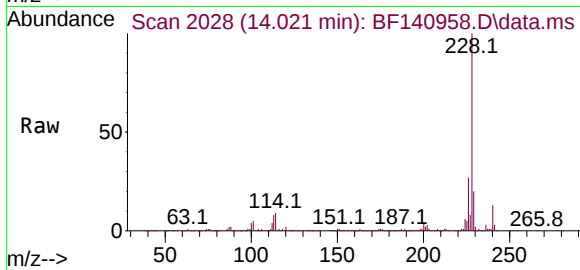
Tgt Ion:149 Resp: 275011
 Ion Ratio Lower Upper
 149 100
 91 69.0 56.7 85.1
 206 20.7 16.4 24.6





#81
Benzo(a)anthracene
Concen: 51.690 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

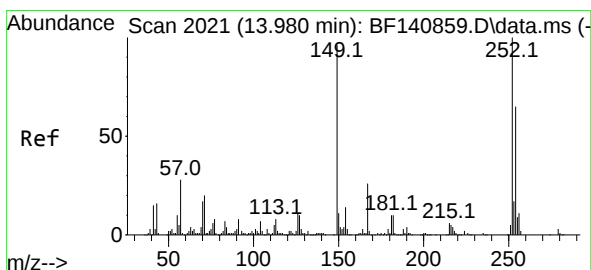
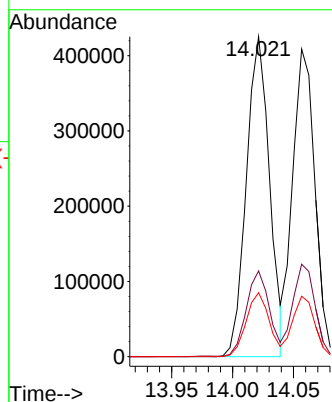
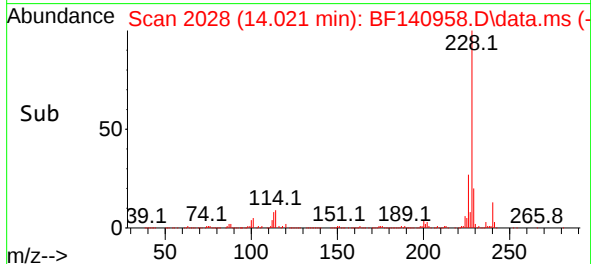
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



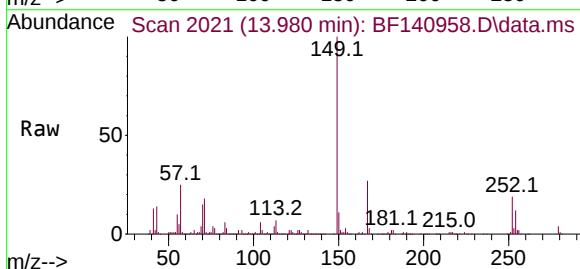
Tgt Ion:228 Resp: 56381
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 20.0 15.8 23.8

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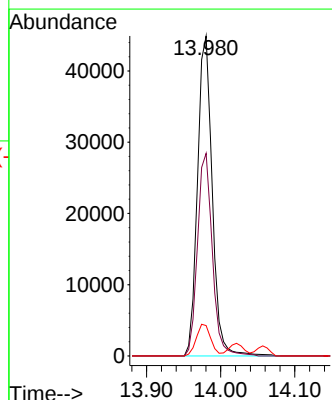
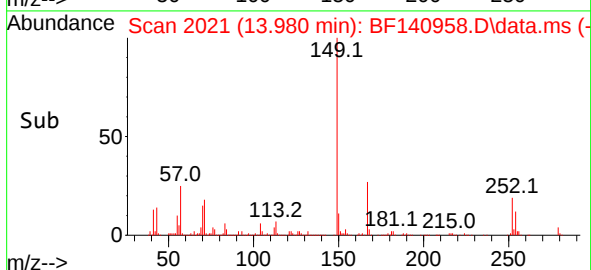
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

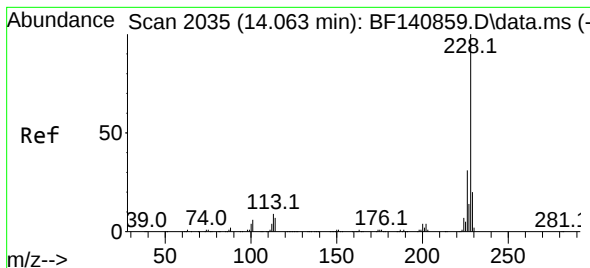


#82
3,3'-Dichlorobenzidine
Concen: 18.822 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:252 Resp: 61942
Ion Ratio Lower Upper
252 100
254 63.3 52.3 78.5
126 9.5 8.4 12.6





#83

Chrysene

Concen: 52.719 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion:228 Resp: 52290

Ion Ratio Lower Upper

228 100

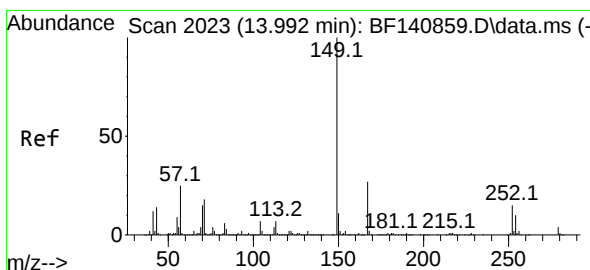
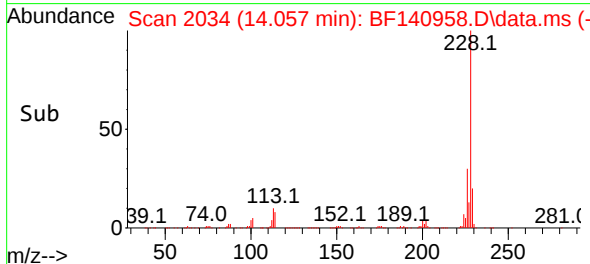
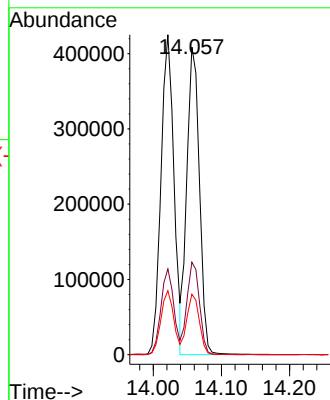
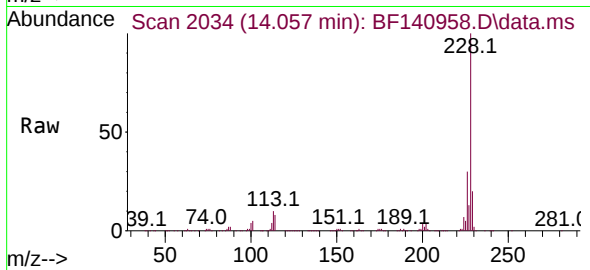
226 30.0 24.1 36.1

229 19.7 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: 52.040 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

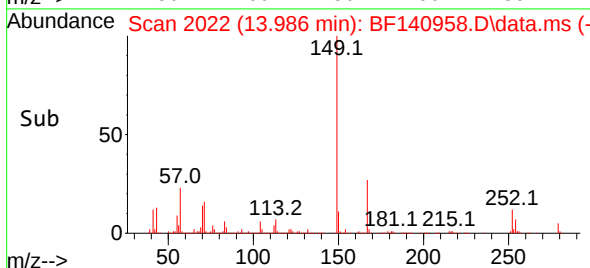
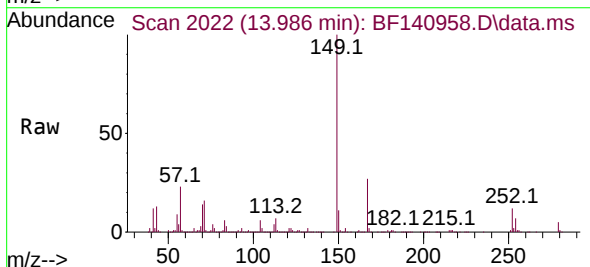
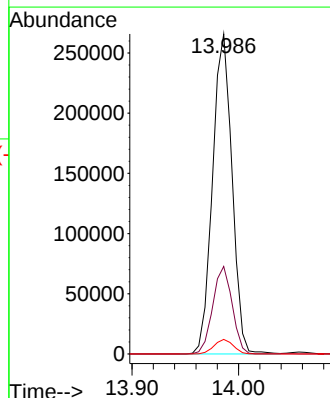
Tgt Ion:149 Resp: 337909

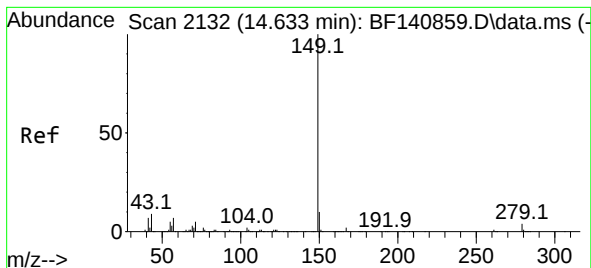
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

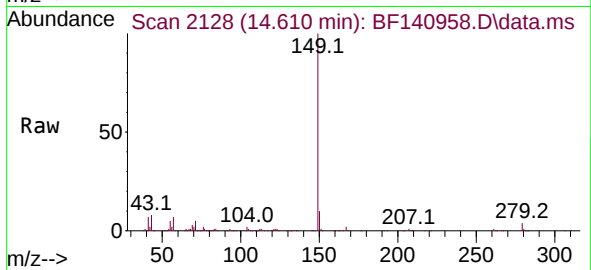
279 4.6 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 47.737 ng
RT: 14.610 min Scan# 2132
Delta R.T. -0.024 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

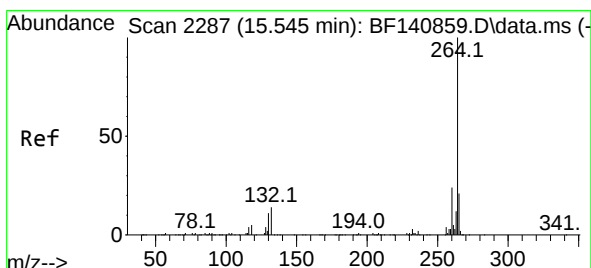
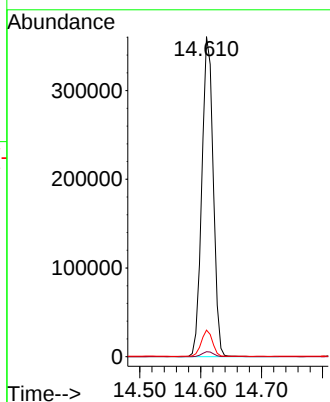
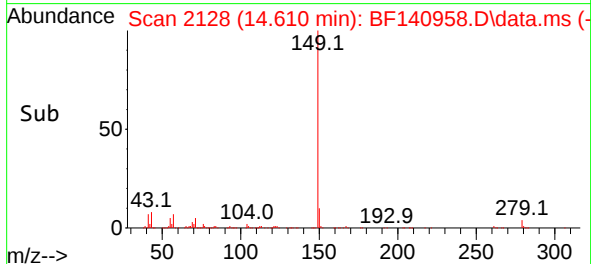
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



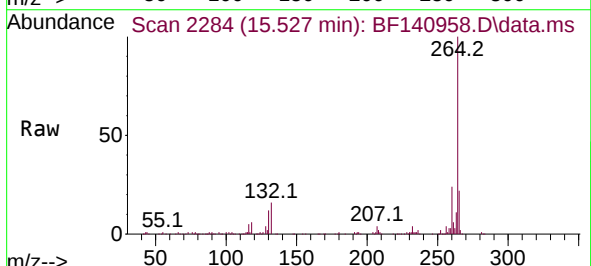
Tgt Ion:149 Resp: 468940
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.0 7.0 10.6

Manual Integrations
APPROVED

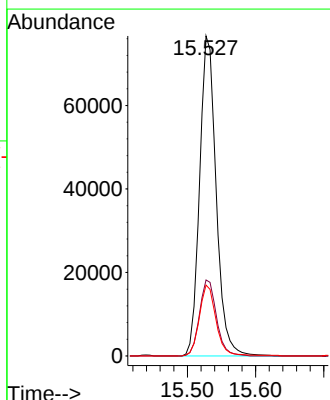
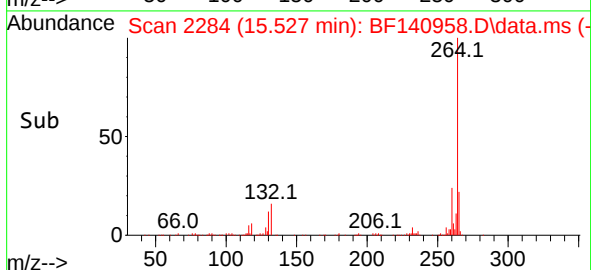
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

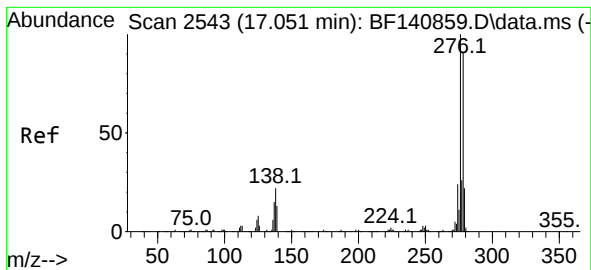


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32



Tgt Ion:264 Resp: 129644
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.230 ng

RT: 17.051 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion:276 Resp: 49536

Ion Ratio Lower Upper

276 100

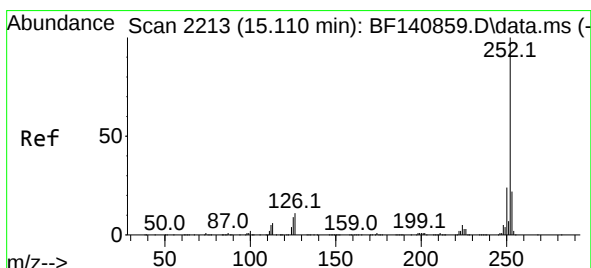
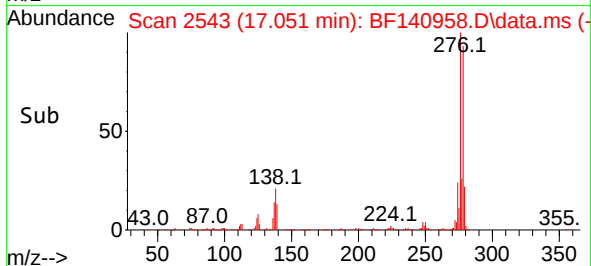
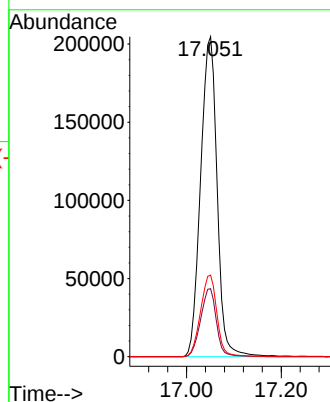
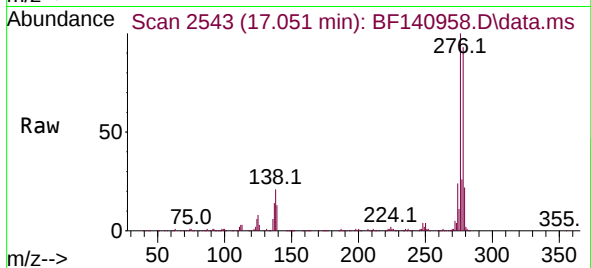
138 20.4 16.9 25.3

277 25.3 20.2 30.4

Manual Integrations

APPROVED

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



#88

Benzo(b)fluoranthene

Concen: 55.417 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.018 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

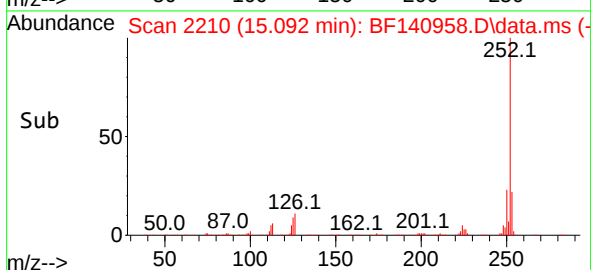
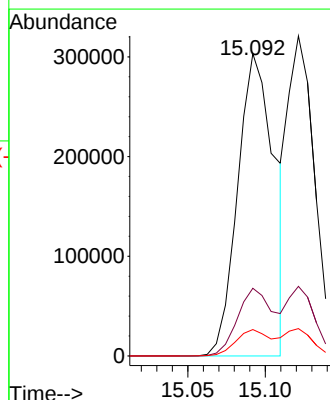
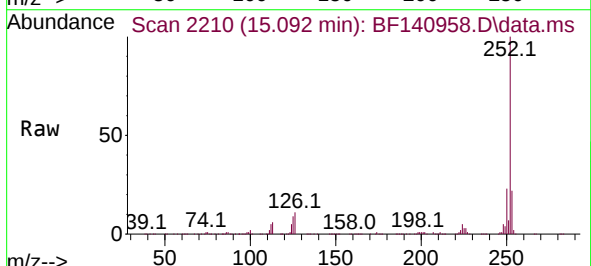
Tgt Ion:252 Resp: 498705

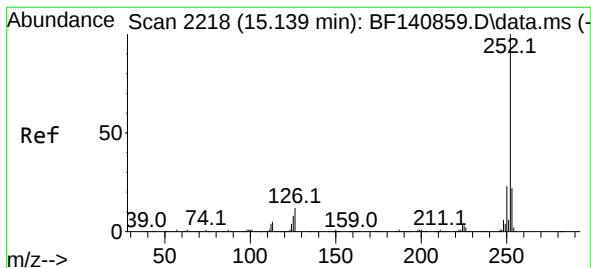
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 50.473 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

Instrument :

BNA_F

ClientSampleId :

TP-5MSD

Tgt Ion:252 Resp: 389620

Ion Ratio Lower Upper

252 100

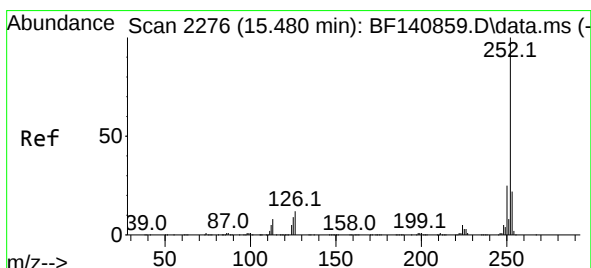
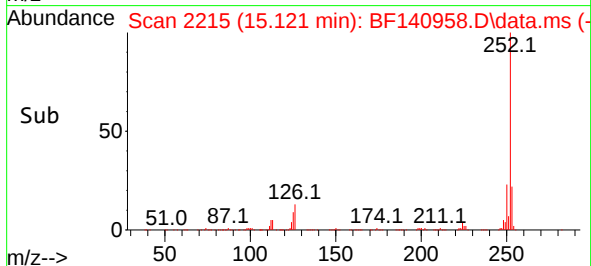
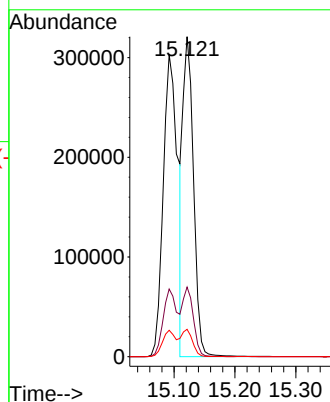
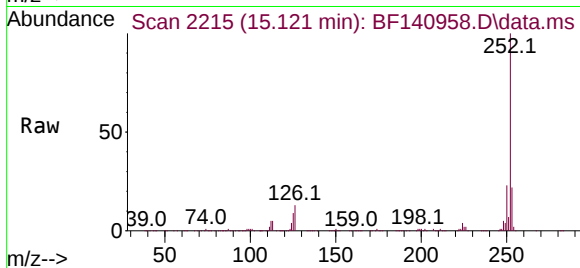
253 21.8 17.5 26.3

125 8.5 6.8 10.2

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 58.050 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF140958.D

Acq: 20 Dec 2024 18:32

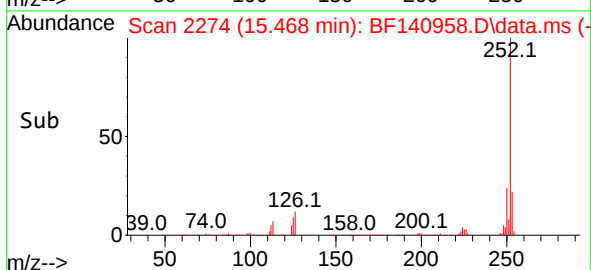
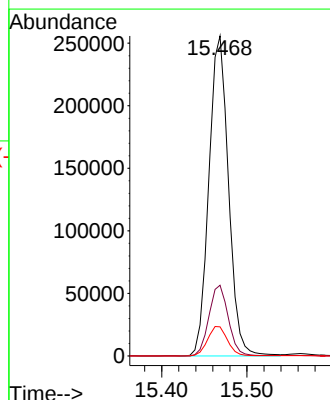
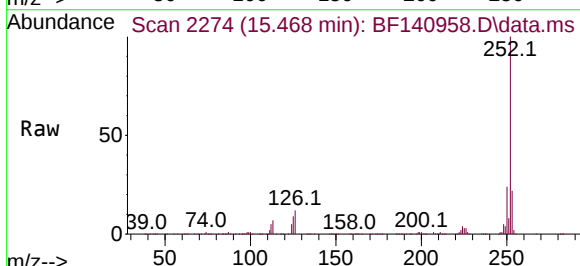
Tgt Ion:252 Resp: 409060

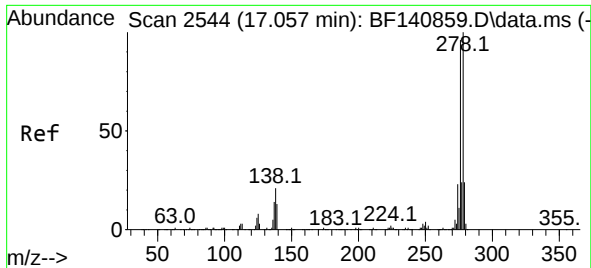
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

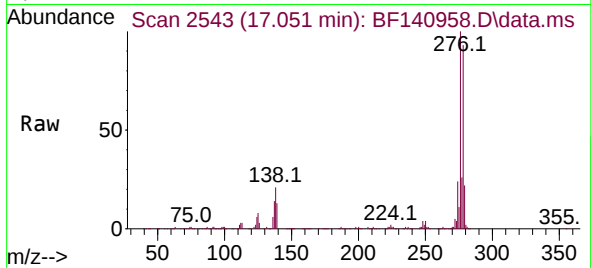
125 9.1 7.5 11.3





#91
Dibenzo(a,h)anthracene
Concen: 60.126 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

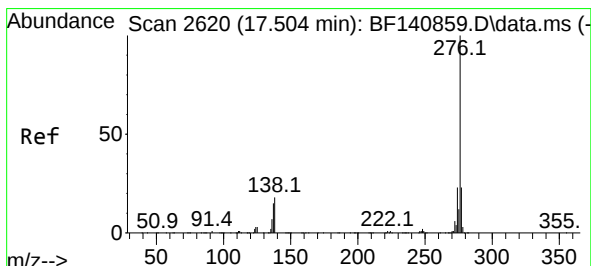
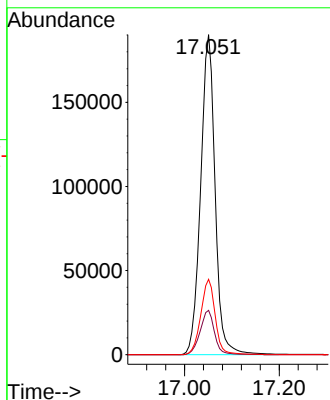
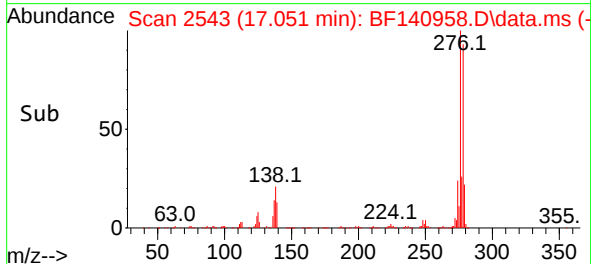
Instrument :
BNA_F
ClientSampleId :
TP-5MSD



Tgt Ion:278 Resp: 402980
Ion Ratio Lower Upper
278 100
139 13.9 10.6 16.0
279 23.6 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.466 ng
RT: 17.504 min Scan# 2620
Delta R.T. -0.000 min
Lab File: BF140958.D
Acq: 20 Dec 2024 18:32

Tgt Ion:276 Resp: 378363
Ion Ratio Lower Upper
276 100
277 23.1 18.7 28.1
138 17.7 14.2 21.2

