

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140944.D
 Acq On : 20 Dec 2024 12:07
 Operator : RC/JU
 Sample : PB165705BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165705BS

Quant Time: Dec 20 12:32:36 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	71247	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	255665	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	141292	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	237962	20.000	ng	0.00
76) Chrysene-d12	14.033	240	149220	20.000	ng	0.00
86) Perylene-d12	15.521	264	113763	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	620574	143.386	ng	0.02
7) Phenol-d6	6.510	99	780279	136.115	ng	0.01
23) Nitrobenzene-d5	7.416	82	468127	91.608	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	225262	134.800	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1081886	105.274	ng	0.00
79) Terphenyl-d14	12.963	244	1140526	120.524	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	61392	32.932	ng	99
3) Pyridine	3.522	79	164168	38.026	ng	97
4) n-Nitrosodimethylamine	3.475	42	85503	39.286	ng	# 93
6) Aniline	6.522	93	200558	40.919	ng	# 82
8) 2-Chlorophenol	6.645	128	251463	53.280	ng	98
9) Benzaldehyde	6.410	77	51666	16.266	ng	98
10) Phenol	6.522	94	290791	48.944	ng	96
11) bis(2-Chloroethyl)ether	6.586	93	227090	51.253	ng	98
12) 1,3-Dichlorobenzene	6.786	146	267093	49.664	ng	97
13) 1,4-Dichlorobenzene	6.869	146	268358	49.158	ng	99
14) 1,2-Dichlorobenzene	7.016	146	244910	47.549	ng	99
15) Benzyl Alcohol	7.004	79	202352	49.369	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.116	45	244867	46.913	ng	94
17) 2-Methylphenol	7.122	107	180851	47.995	ng	99
18) Hexachloroethane	7.351	117	87121	42.869	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	172630	50.203	ng	98
20) 3+4-Methylphenols	7.275	107	254983	51.031	ng	# 84
22) Acetophenone	7.263	105	347847	54.389	ng	94
24) Nitrobenzene	7.439	77	235580	45.000	ng	95
25) Isophorone	7.675	82	424100	49.531	ng	99
26) 2-Nitrophenol	7.751	139	128251	53.191	ng	94
27) 2,4-Dimethylphenol	7.792	122	176373	62.636	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	265660	49.677	ng	99
29) 2,4-Dichlorophenol	8.004	162	207115	53.277	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	218640	49.061	ng	98
31) Naphthalene	8.151	128	685399	48.804	ng	99
32) Benzoic acid	7.951	122	85175	31.894	ng	95
33) 4-Chloroaniline	8.210	127	161324	34.586	ng	97
34) Hexachlorobutadiene	8.263	225	140865	46.981	ng	100
35) Caprolactam	8.592	113	57419m	49.612	ng	
36) 4-Chloro-3-methylphenol	8.710	107	201762	46.112	ng	97
37) 2-Methylnaphthalene	8.845	142	464695	50.021	ng	99
38) 1-Methylnaphthalene	8.945	142	438727	47.751	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	234321	53.956	ng	99
41) Hexachlorocyclopentadiene	8.992	237	96370	68.569	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	133695	50.276	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	143227	49.003	ng	98
46) 1,1'-Biphenyl	9.310	154	552413	49.168	ng	100
47) 2-Chloronaphthalene	9.333	162	417659	48.592	ng	100
48) 2-Nitroaniline	9.439	65	121577	46.835	ng	93
49) Acenaphthylene	9.751	152	681698	53.969	ng	99
50) Dimethylphthalate	9.610	163	496054	49.797	ng	100
51) 2,6-Dinitrotoluene	9.680	165	108898	47.820	ng	97
52) Acenaphthene	9.922	154	430468	53.351	ng	99
53) 3-Nitroaniline	9.857	138	77254	34.184	ng	95
54) 2,4-Dinitrophenol	9.980	184	81264	73.697	ng	90
55) Dibenzofuran	10.092	168	623949	49.905	ng	99
56) 4-Nitrophenol	10.051	139	87740	72.611	ng	94
57) 2,4-Dinitrotoluene	10.092	165	144968	48.383	ng	99
58) Fluorene	10.439	166	477180	46.262	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	127554	53.557	ng	95
60) Diethylphthalate	10.310	149	534197	51.715	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	243755	47.046	ng	95
62) 4-Nitroaniline	10.480	138	101945m	43.167	ng	
63) Azobenzene	10.586	77	431430	44.427	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	66725	49.484	ng	96
66) n-Nitrosodiphenylamine	10.551	169	414949	56.716	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	146442	55.009	ng	97
68) Hexachlorobenzene	10.992	284	165233	54.744	ng	98
69) Atrazine	11.080	200	134695	65.919	ng	98
70) Pentachlorophenol	11.198	266	94695	85.812	ng	99
71) Phenanthrene	11.404	178	701422	57.320	ng	99
72) Anthracene	11.457	178	725617	60.212	ng	100
73) Carbazole	11.616	167	673948	57.096	ng	100
74) Di-n-butylphthalate	11.927	149	763567	55.119	ng	100
75) Fluoranthene	12.598	202	786570	55.813	ng	99
77) Benzidine	12.721	184	155983	51.217	ng	100
78) Pyrene	12.827	202	758712	57.177	ng	100
80) Butylbenzylphthalate	13.433	149	297455	60.922	ng	96
81) Benzo(a)anthracene	14.021	228	557901	52.753	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	102996	32.279	ng	98
83) Chrysene	14.057	228	508492	52.875	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	339592	53.941	ng	100
85) Di-n-octyl phthalate	14.604	149	455909	47.866	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	463336	65.266	ng	100
88) Benzo(b)fluoranthene	15.086	252	417172	52.828	ng	100
89) Benzo(k)fluoranthene	15.109	252	360481	53.216	ng	99
90) Benzo(a)pyrene	15.456	252	359761	58.181	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	377716	64.223	ng	99
92) Benzo(g,h,i)perylene	17.492	276	379421	63.386	ng	98

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

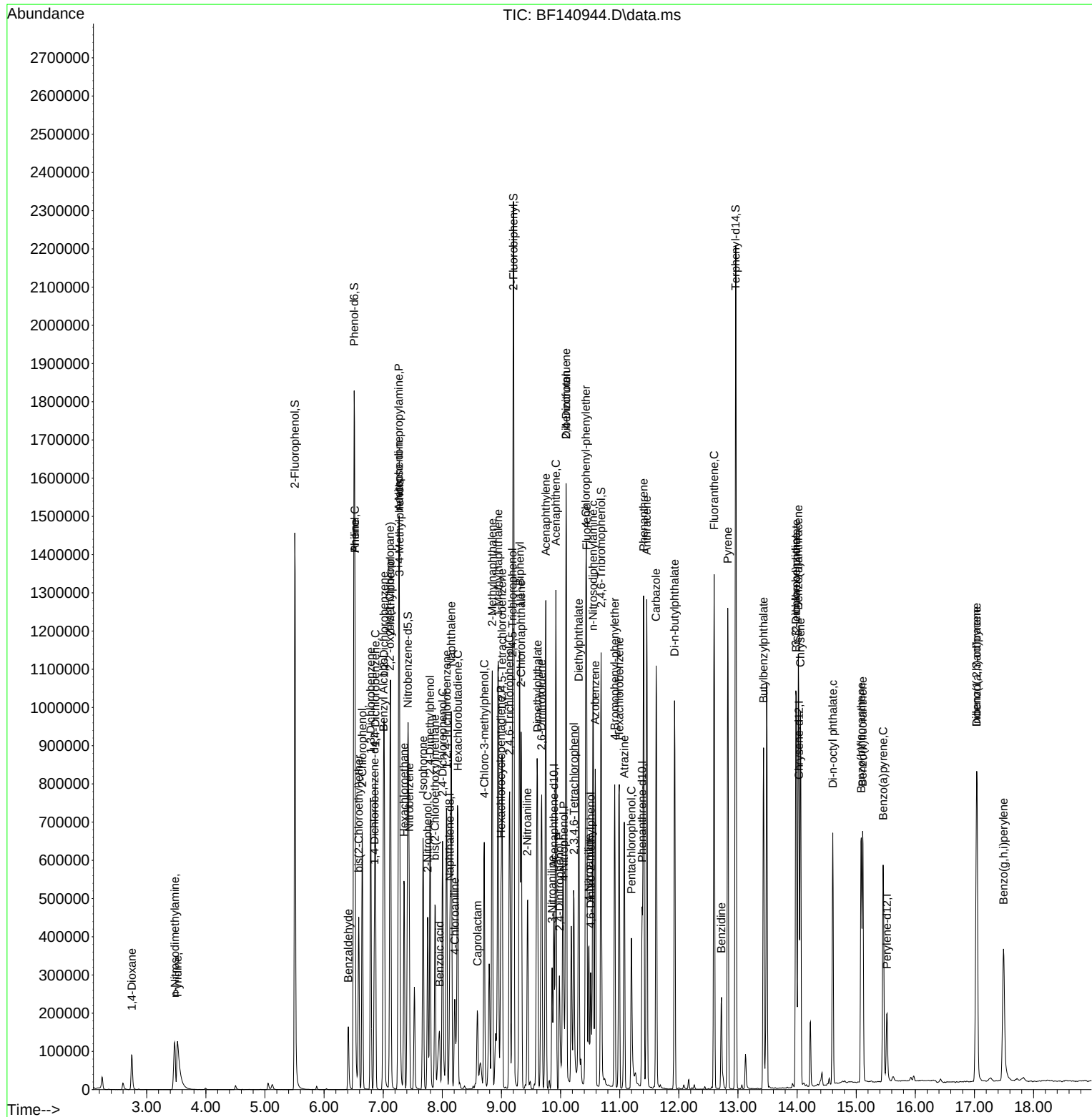
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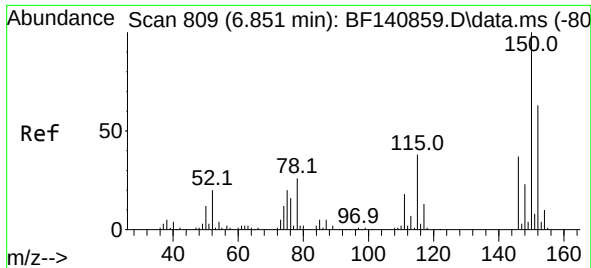
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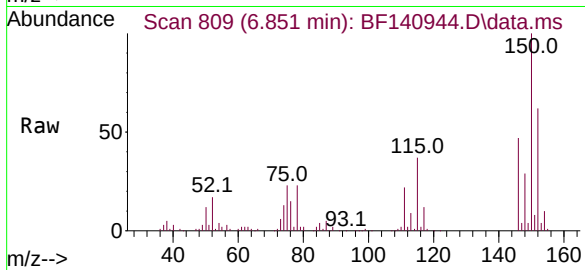
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

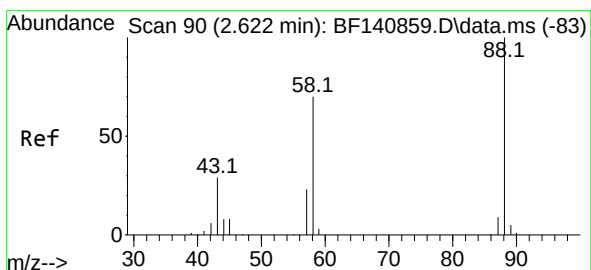
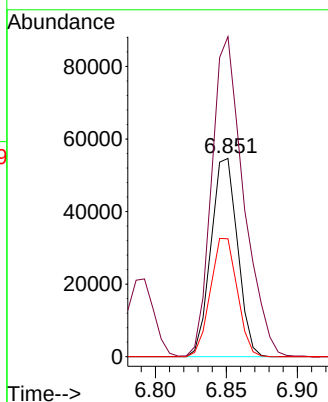
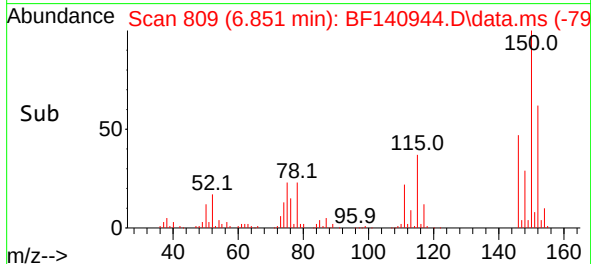


Tgt Ion:152 Resp: 7124
Ion Ratio Lower Upper
152 100
150 161.4 127.9 191.9
115 59.5 48.0 72.0

Manual Integrations

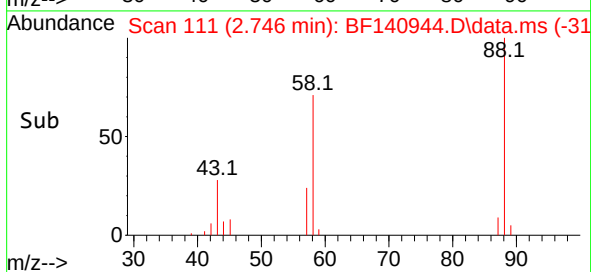
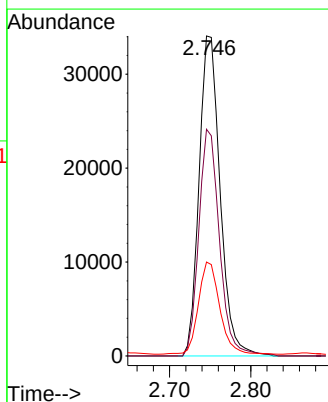
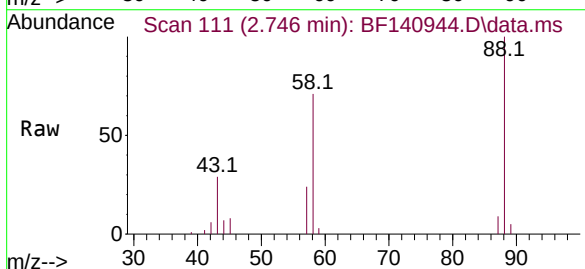
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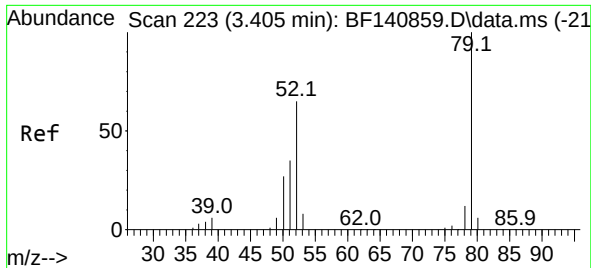
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#2
1,4-Dioxane
Concen: 32.932 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.123 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion: 88 Resp: 61392
Ion Ratio Lower Upper
88 100
58 69.7 55.8 83.8
43 30.8 22.7 34.1





#3

Pyridine

Concen: 38.026 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.117 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

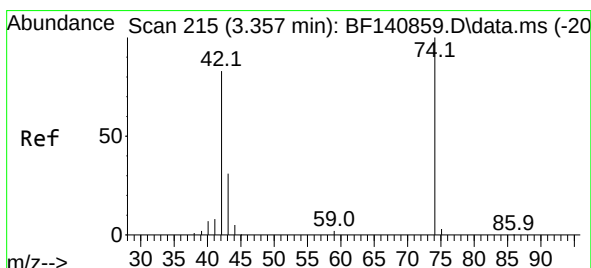
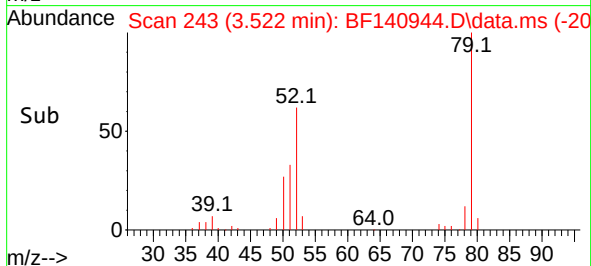
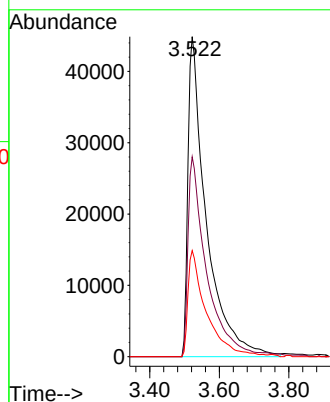
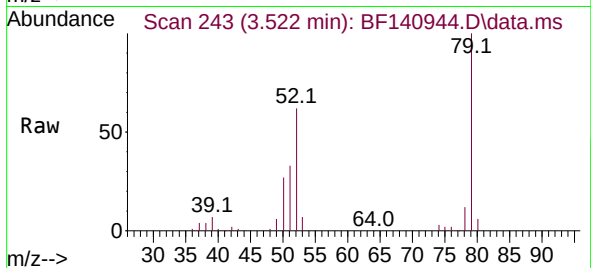
Tgt Ion: 79 Resp: 16416

Ion	Ratio	Lower	Upper
79	100		
52	62.4	51.7	77.5
51	33.1	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 39.286 ng

RT: 3.475 min Scan# 235

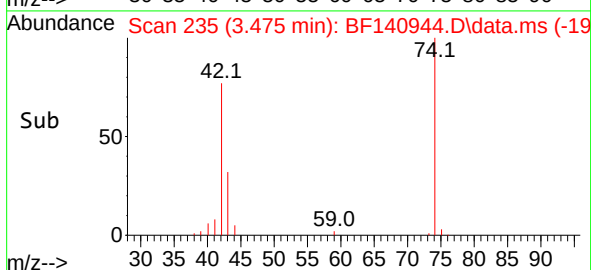
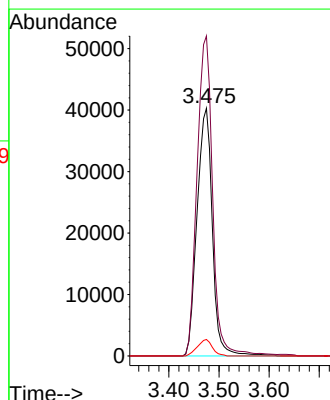
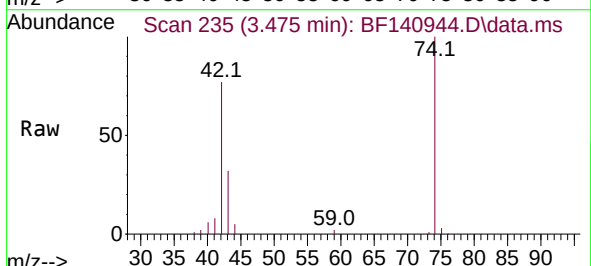
Delta R.T. 0.117 min

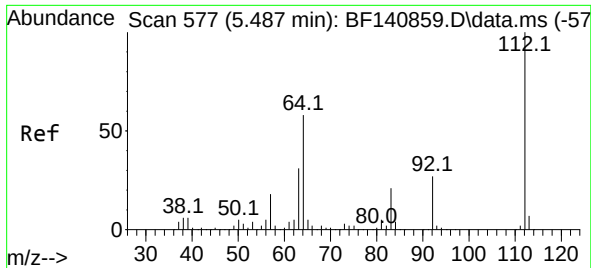
Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Tgt Ion: 42 Resp: 85503

Ion	Ratio	Lower	Upper
42	100		
74	129.2	96.9	145.3
44	6.7	4.4	6.6





#5
2-Fluorophenol
Concen: 143.386 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

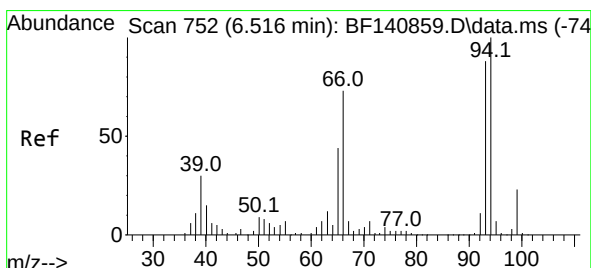
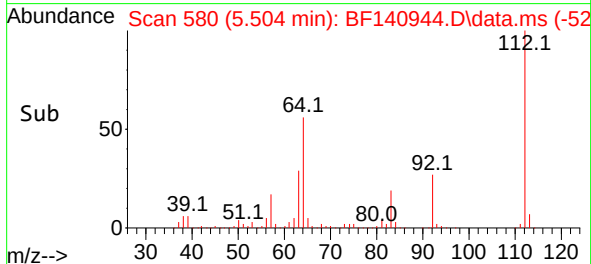
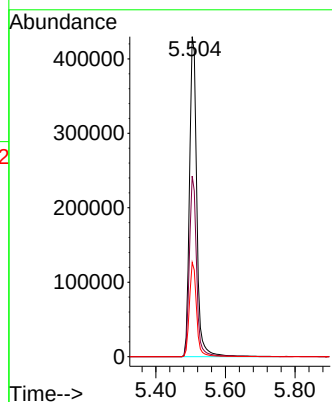
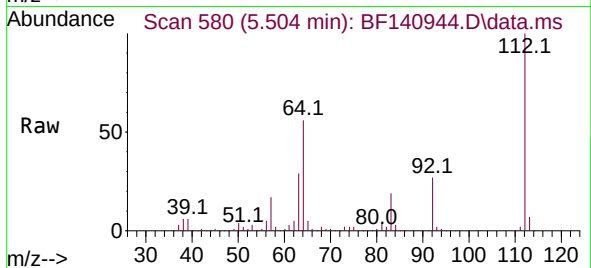
PB165705BS

Tgt Ion:112 Resp: 620574
Ion Ratio Lower Upper
112 100
64 56.5 46.1 69.1
63 29.5 24.9 37.3

Manual Integrations

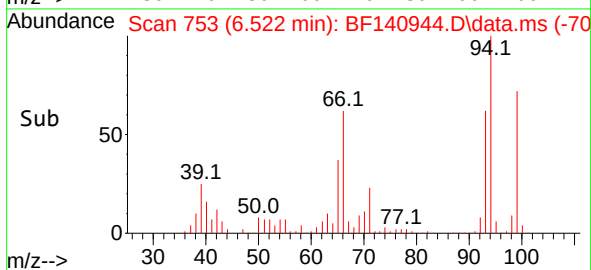
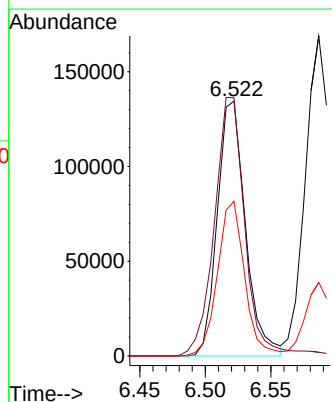
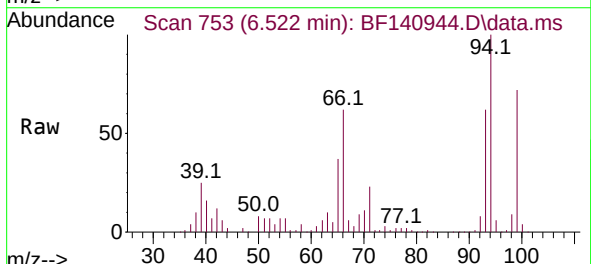
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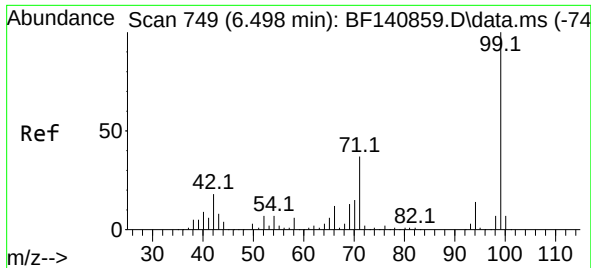
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#6
Aniline
Concen: 40.919 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

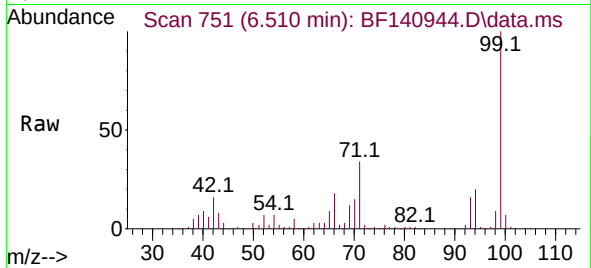
Tgt Ion: 93 Resp: 200558
Ion Ratio Lower Upper
93 100
66 101.3 67.0 100.4#
65 60.6 40.4 60.6#





#7
Phenol-d6
Concen: 136.115 ng
RT: 6.510 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

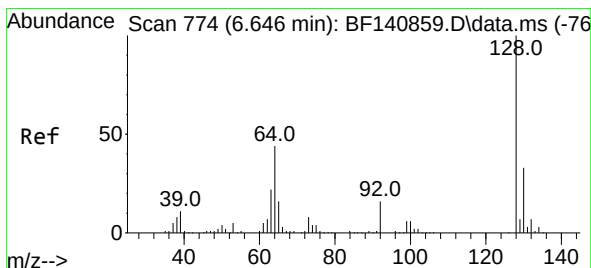
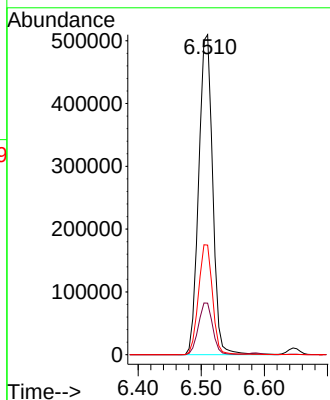
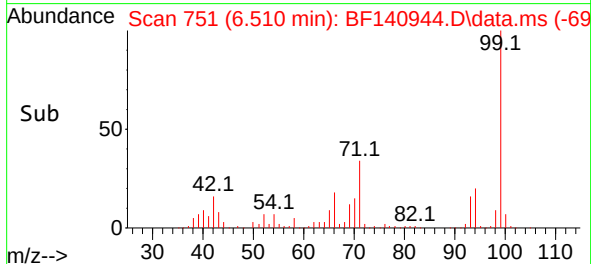
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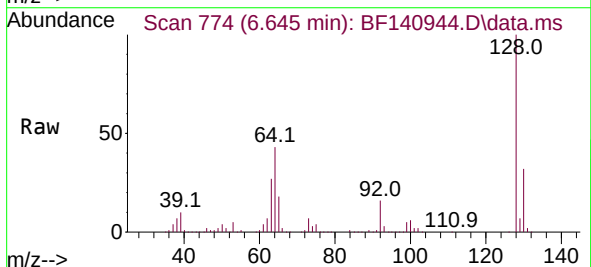
Tgt Ion: 99 Resp: 780279
Ion Ratio Lower Upper
99 100
42 16.1 14.3 21.5
71 34.3 29.9 44.9

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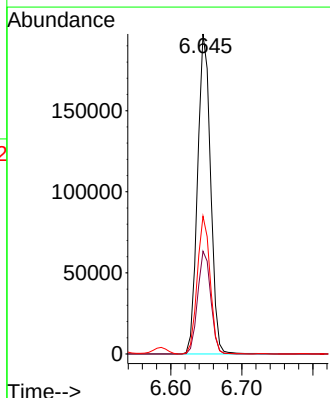
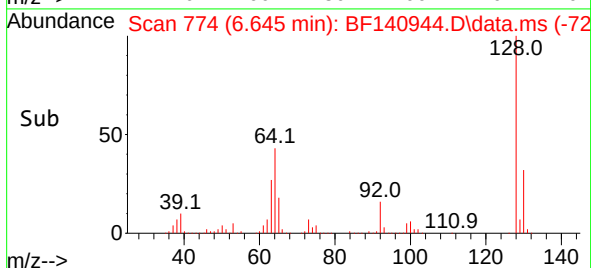
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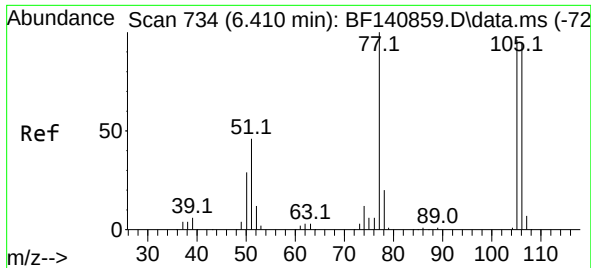


#8
2-Chlorophenol
Concen: 53.280 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:128 Resp: 251463
Ion Ratio Lower Upper
128 100
130 32.1 12.9 52.9
64 43.0 24.3 64.3





#9
Benzaldehyde
Concen: 16.266 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

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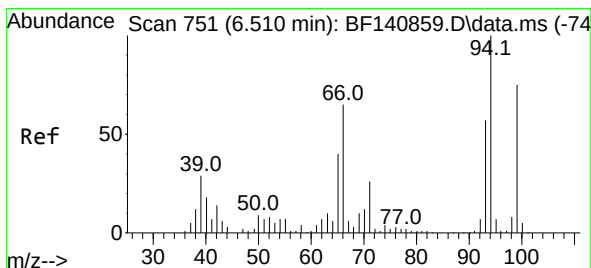
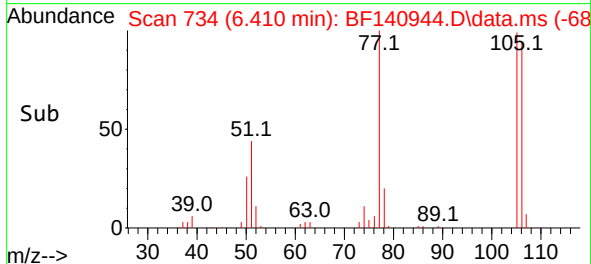
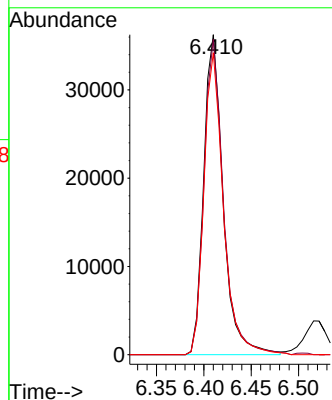
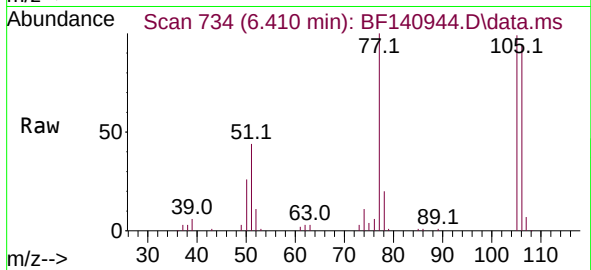
ClientSampleId :

PB165705BS

Tgt Ion: 77 Resp: 51660
Ion Ratio Lower Upper
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105 98.5 75.8 115.8
106 94.3 74.1 114.1

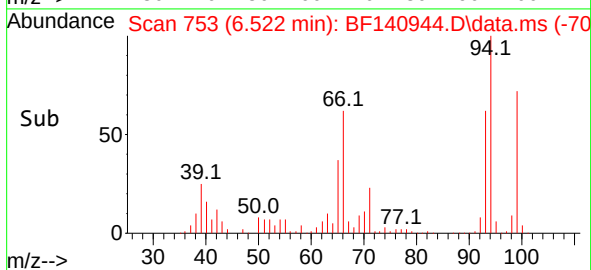
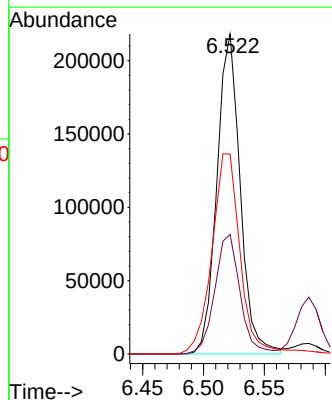
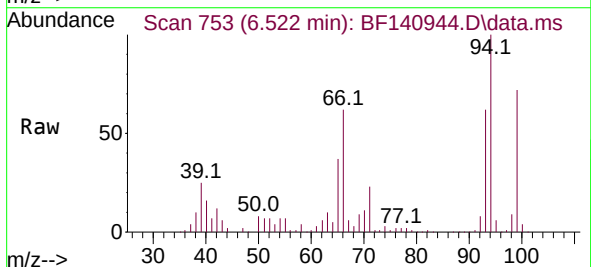
Manual Integrations
APPROVED

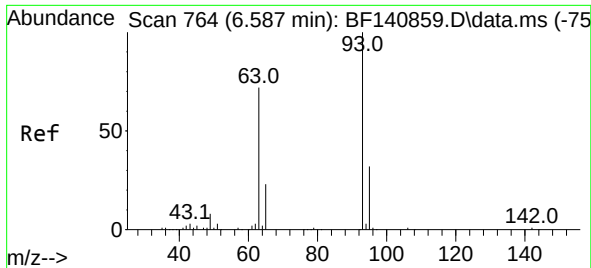
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Phenol
Concen: 48.944 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.012 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion: 94 Resp: 290791
Ion Ratio Lower Upper
94 100
65 37.4 19.9 59.9
66 62.5 45.6 85.6





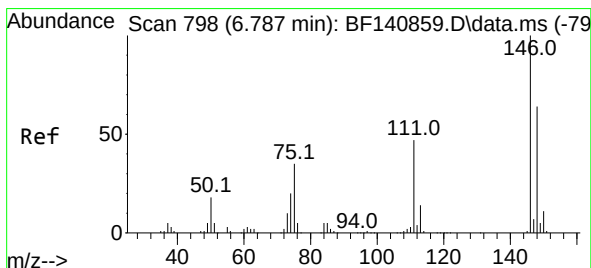
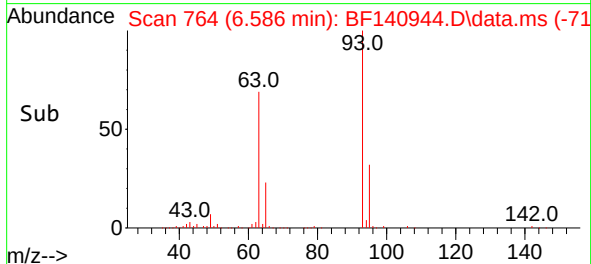
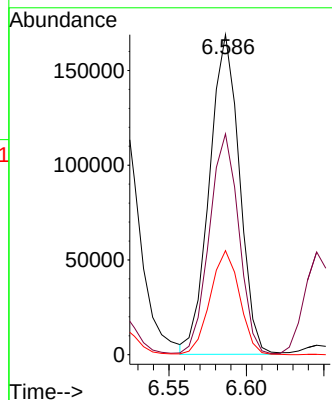
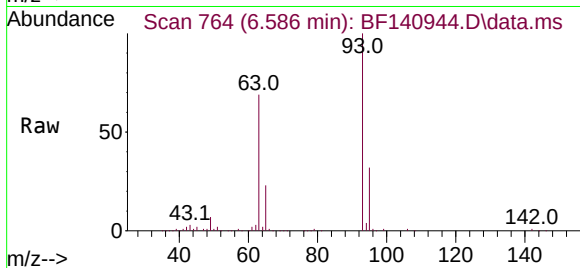
#11
bis(2-Chloroethyl)ether
Concen: 51.253 ng
RT: 6.586 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :
BNA_F
ClientSampleId :
PB165705BS

Tgt Ion: 93 Resp: 227090
Ion Ratio Lower Upper
93 100
63 69.0 51.0 91.0
95 32.5 12.0 52.0

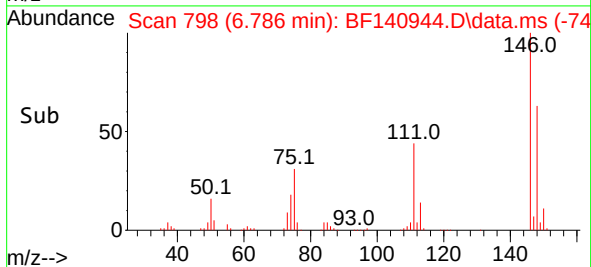
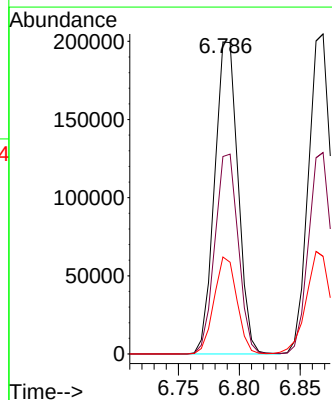
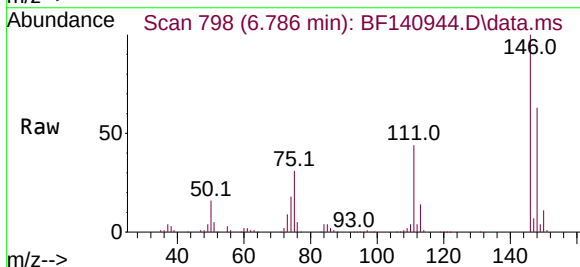
Manual Integrations
APPROVED

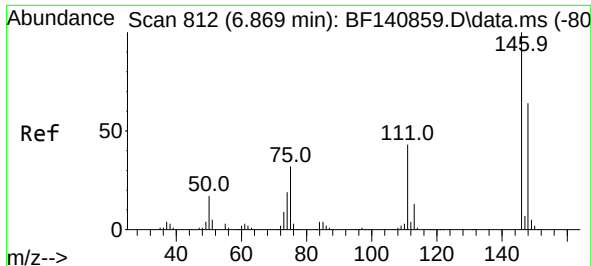
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
1,3-Dichlorobenzene
Concen: 49.664 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion:146 Resp: 267093
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
75 31.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 49.158 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

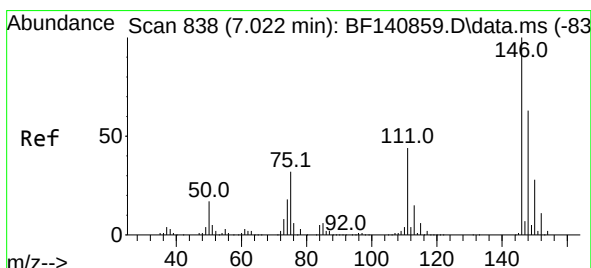
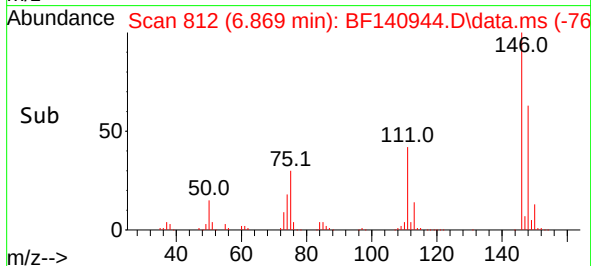
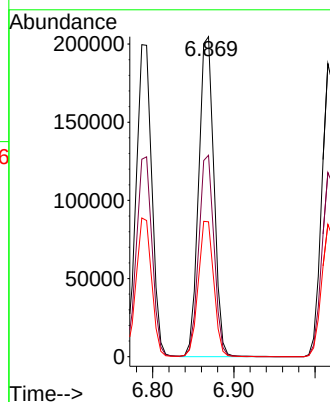
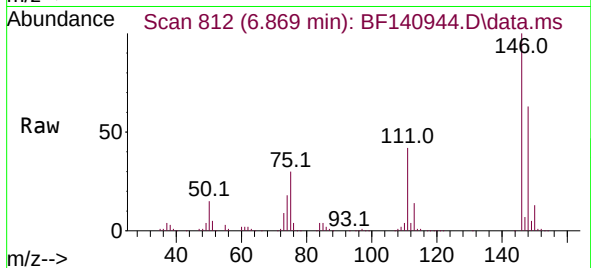
PB165705BS

Tgt Ion:146 Resp: 268358
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.3 76.9
 111 42.2 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: 47.549 ng

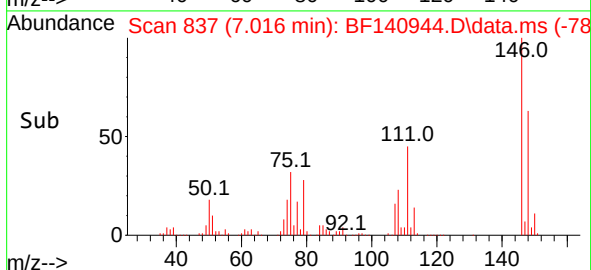
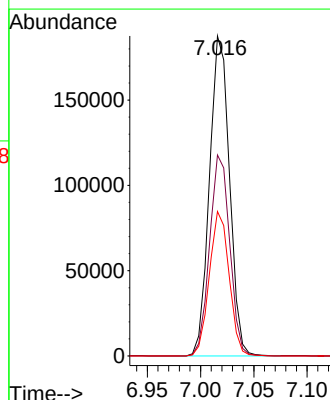
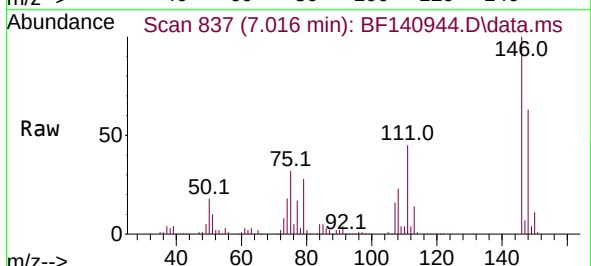
RT: 7.016 min Scan# 837

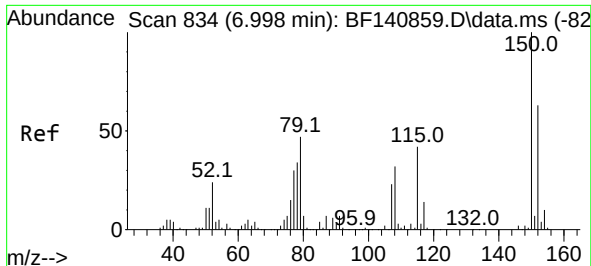
Delta R.T. -0.006 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Tgt Ion:146 Resp: 244910
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.0 75.0
 111 45.1 35.6 53.4





#15
Benzyl Alcohol
Concen: 49.369 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

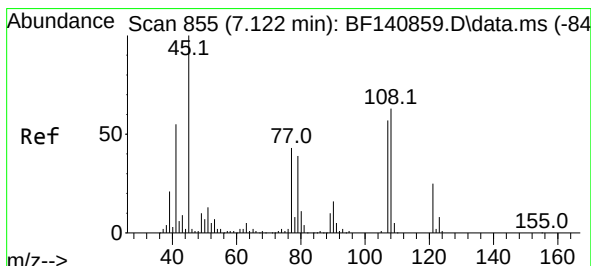
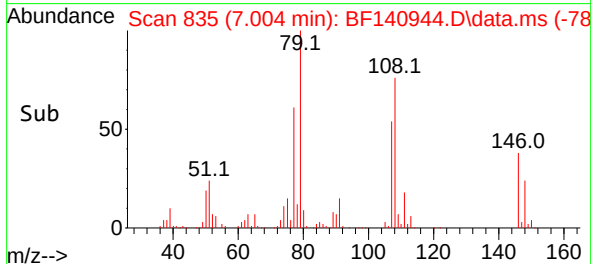
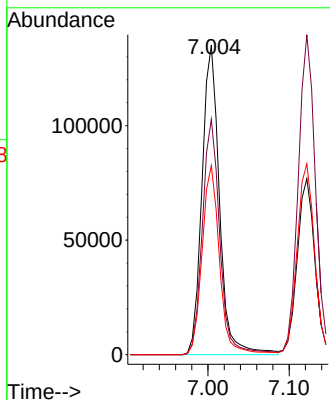
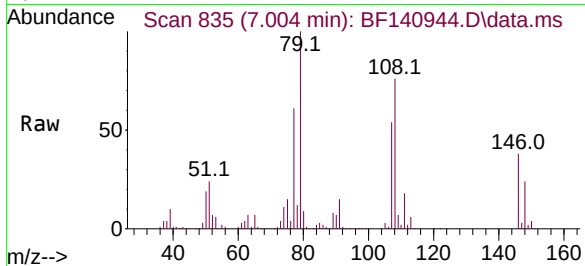
ClientSampleId :

PB165705BS

Tgt Ion: 79 Resp: 202352
Ion Ratio Lower Upper
79 100
108 76.1 55.1 82.7
77 61.0 50.6 76.0

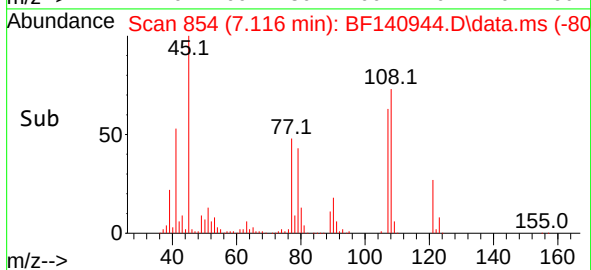
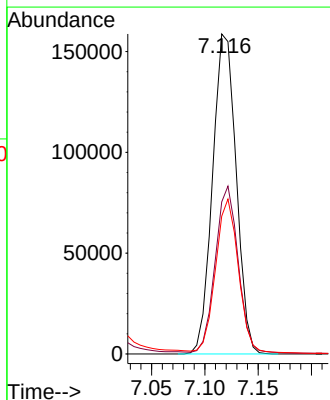
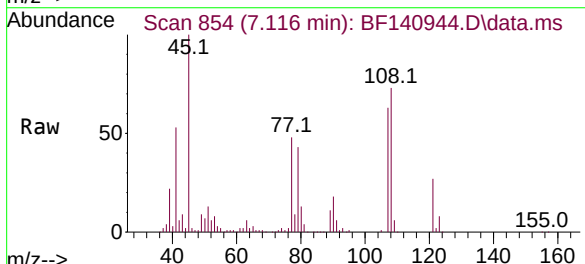
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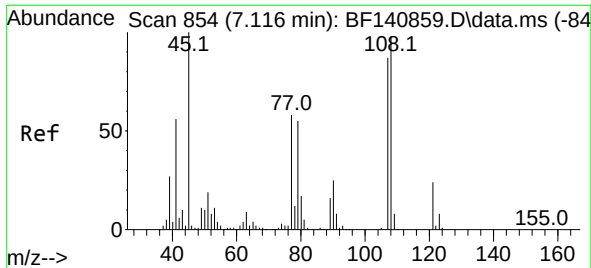
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.913 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

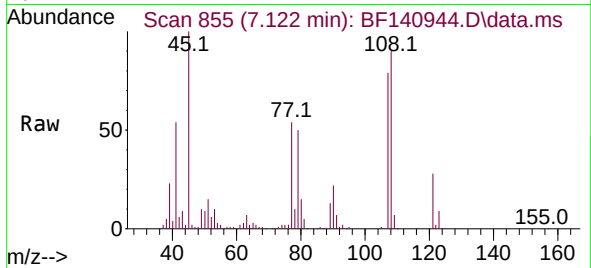
Tgt Ion: 45 Resp: 244867
Ion Ratio Lower Upper
45 100
77 47.5 23.3 63.3
79 43.1 20.0 60.0





#17
2-Methylphenol
Concen: 47.995 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

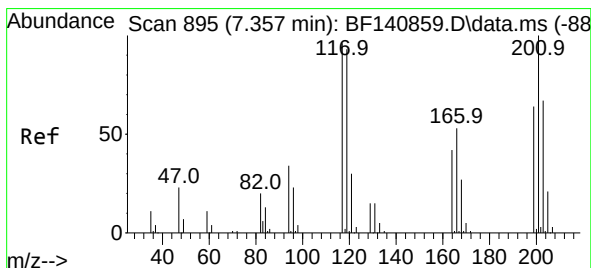
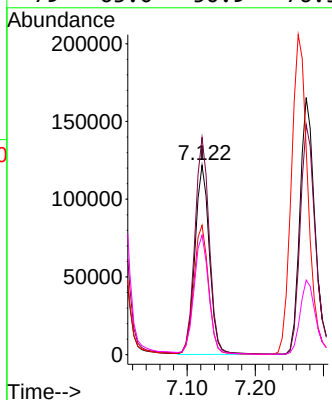
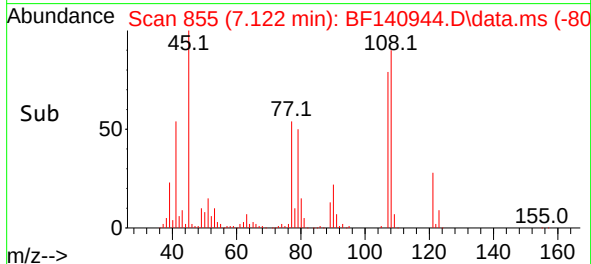
Instrument :
BNA_F
ClientSampleId :
PB165705BS



Tgt Ion:107 Resp: 18085
Ion Ratio Lower Upper
107 100
108 114.6 90.2 135.4
77 68.3 53.8 80.6
79 63.0 50.9 76.3

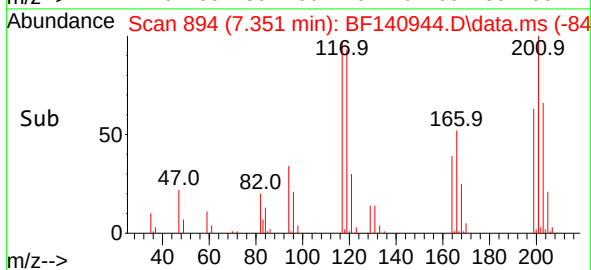
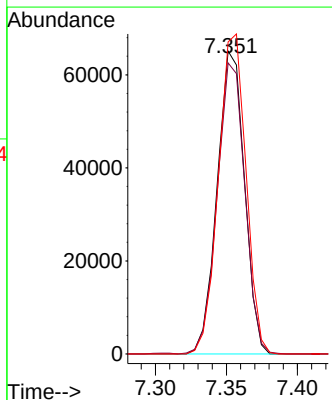
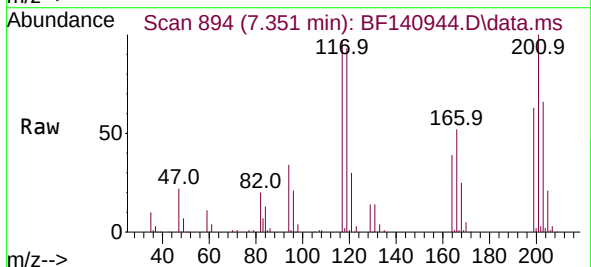
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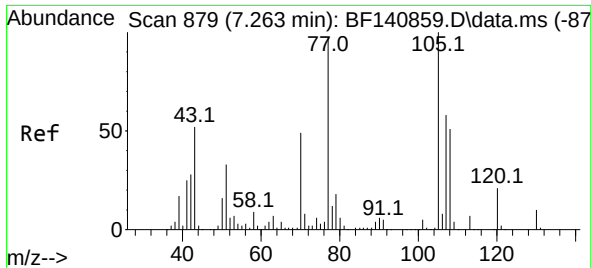
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#18
Hexachloroethane
Concen: 42.869 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion:117 Resp: 87121
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.0
201 103.0 83.4 125.0





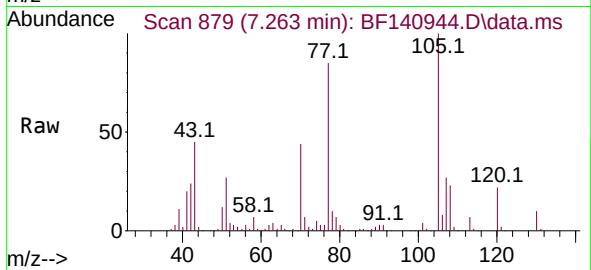
#19
n-Nitroso-di-n-propylamine
Concen: 50.203 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

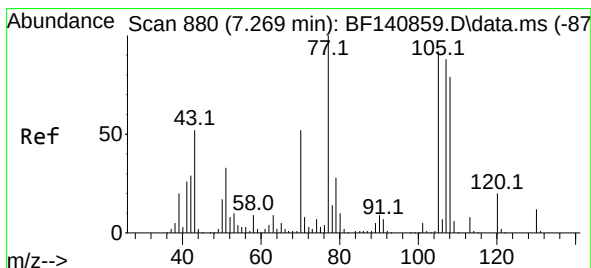
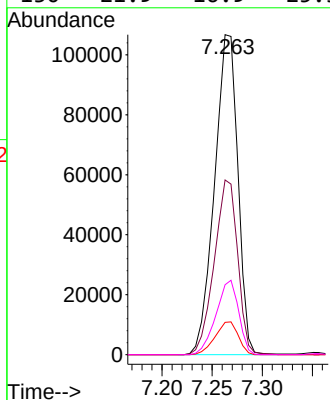
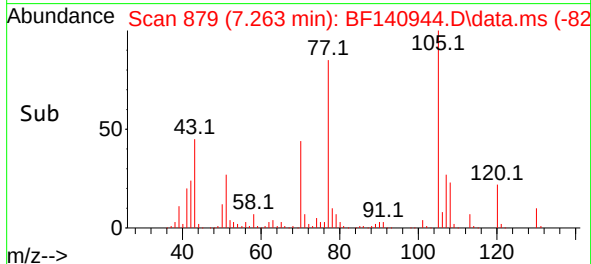


Tgt Ion: 70 Resp: 172630
Ion Ratio Lower Upper
70 100
42 54.6 45.3 67.9
101 10.1 8.0 12.0
130 21.9 16.9 25.3

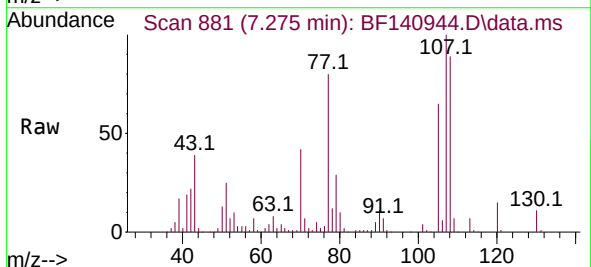
Manual Integrations

APPROVED

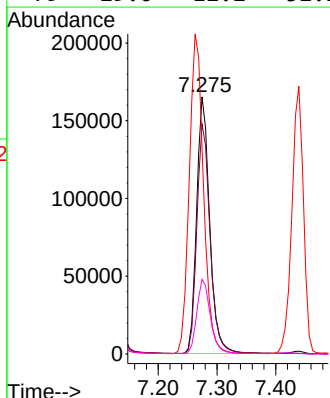
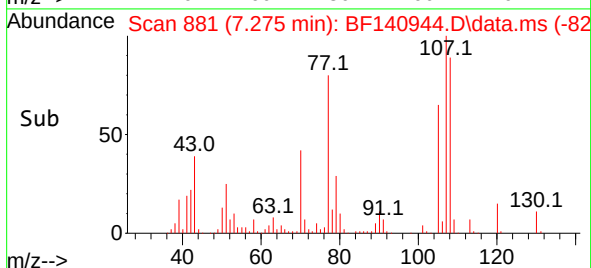
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

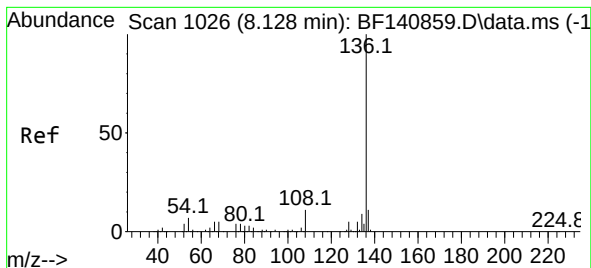


#20
3+4-Methylphenols
Concen: 51.031 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:107 Resp: 254983
Ion Ratio Lower Upper
107 100
108 89.4 70.1 110.1
77 80.1 94.4 134.4#
79 29.0 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: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

Tgt Ion:136 Resp: 25566

Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

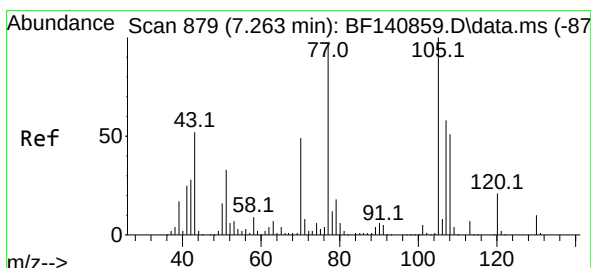
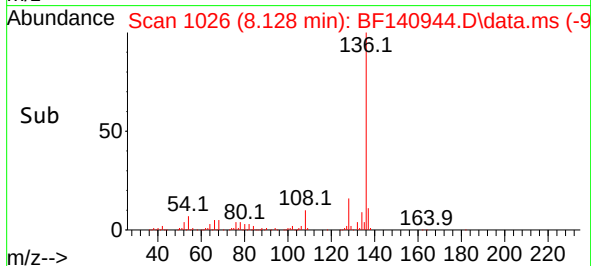
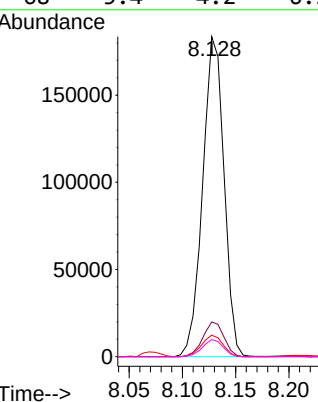
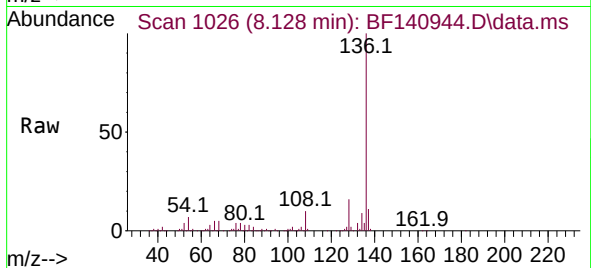
54 6.8 5.6 8.4

68 5.4 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: 54.389 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Tgt Ion:105 Resp: 347847

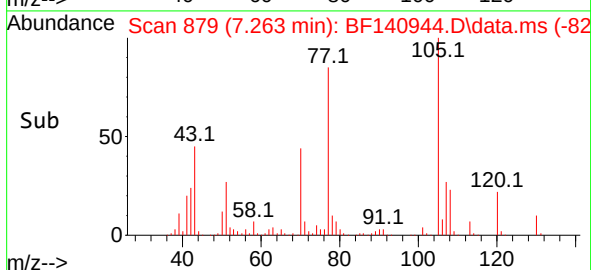
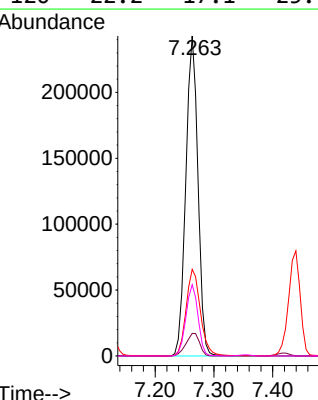
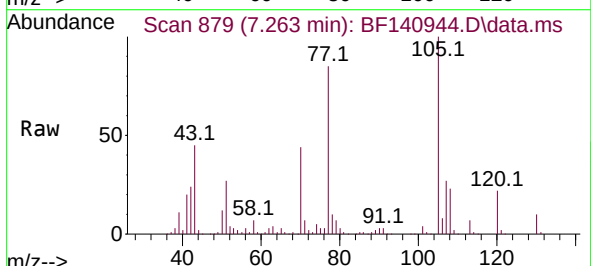
Ion Ratio Lower Upper

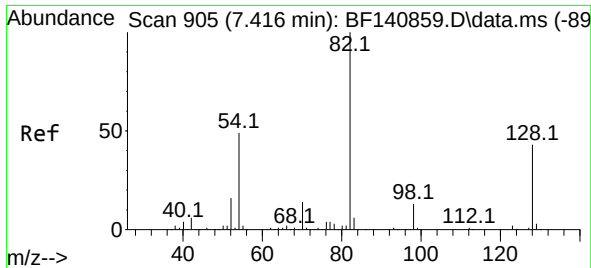
105 100

71 7.0 6.2 9.4

51 27.0 26.3 39.5

120 22.2 17.1 25.7





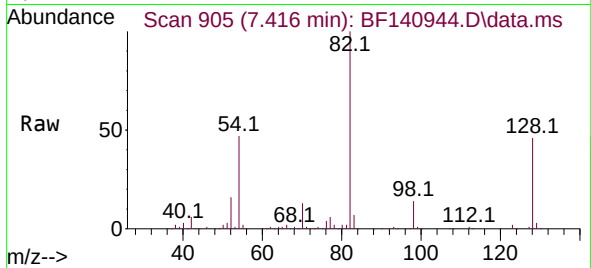
#23
Nitrobenzene-d5
Concen: 91.608 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

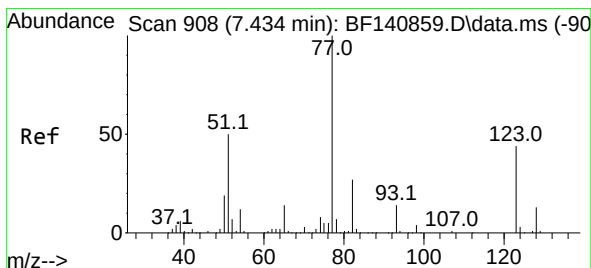
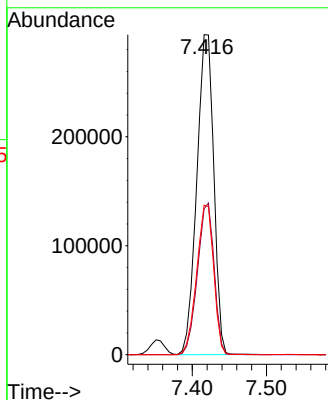
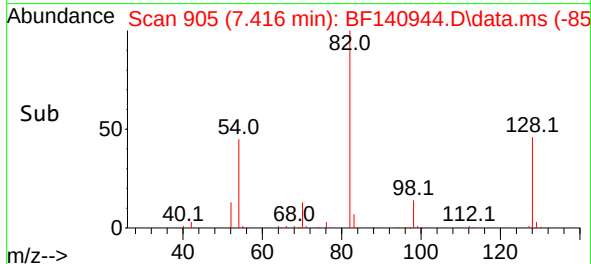


Tgt Ion: 82 Resp: 46812
Ion Ratio Lower Upper
82 100
128 45.6 34.4 51.6
54 46.8 38.8 58.2

Manual Integrations

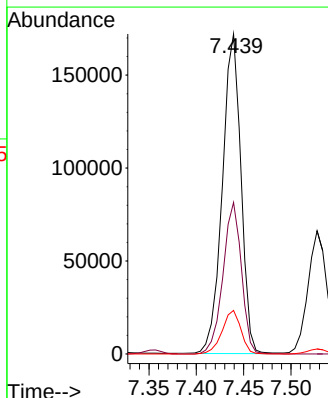
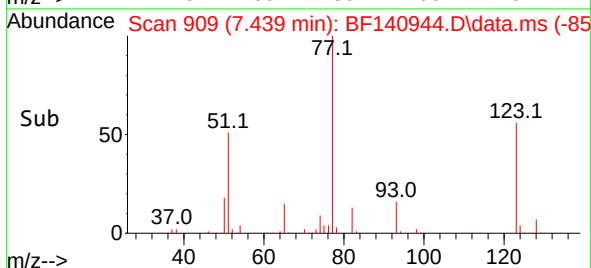
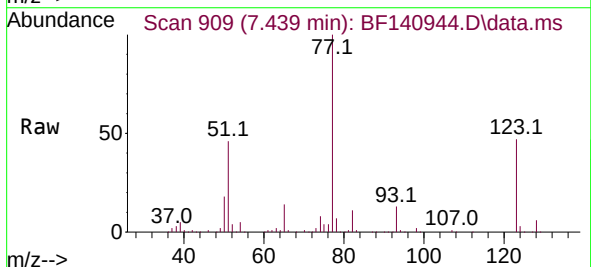
APPROVED

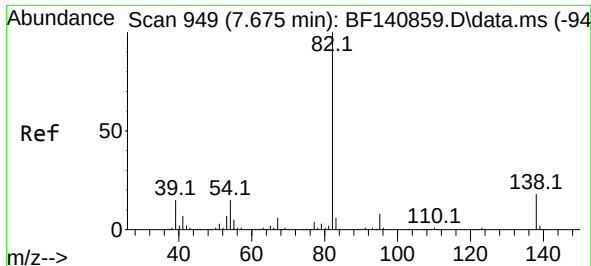
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#24
Nitrobenzene
Concen: 45.000 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

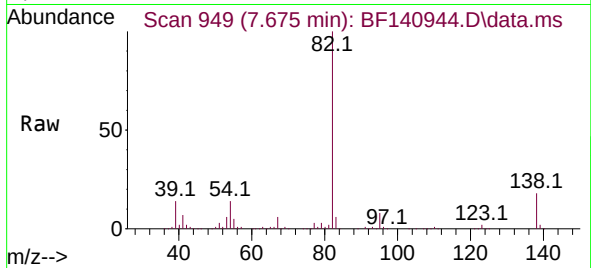
Tgt Ion: 77 Resp: 235580
Ion Ratio Lower Upper
77 100
123 47.3 35.0 52.4
65 13.6 11.4 17.0





#25
Isophorone
Concen: 49.531 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

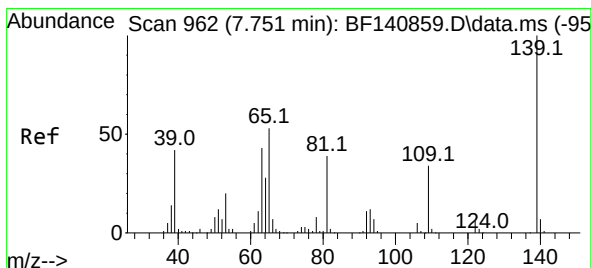
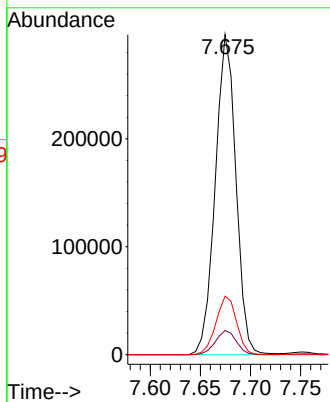
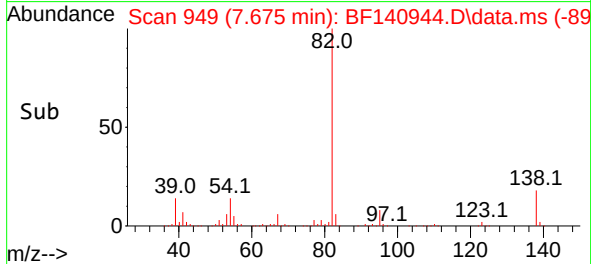
Instrument :
BNA_F
ClientSampleId :
PB165705BS



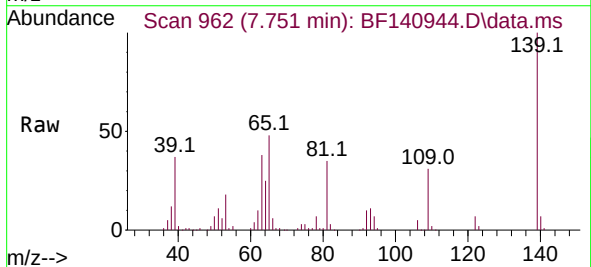
Tgt Ion: 82 Resp: 424100
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 18.3 14.1 21.1

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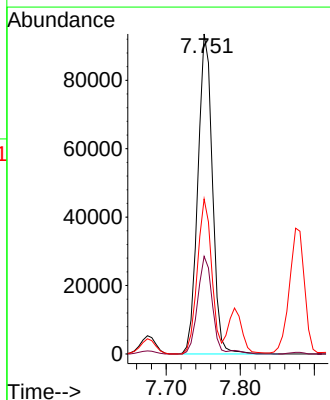
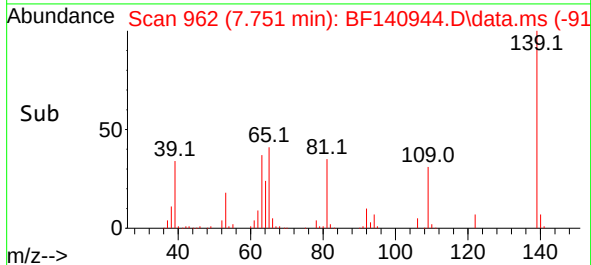
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

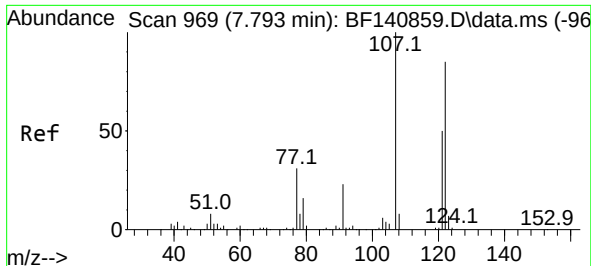


#26
2-Nitrophenol
Concen: 53.191 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:139 Resp: 128251
Ion Ratio Lower Upper
139 100
109 30.5 26.9 40.3
65 48.4 42.6 64.0





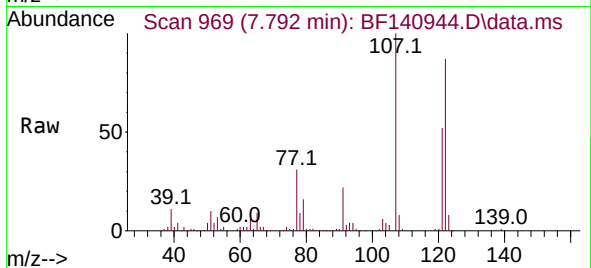
#27
2,4-Dimethylphenol
Concen: 62.636 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

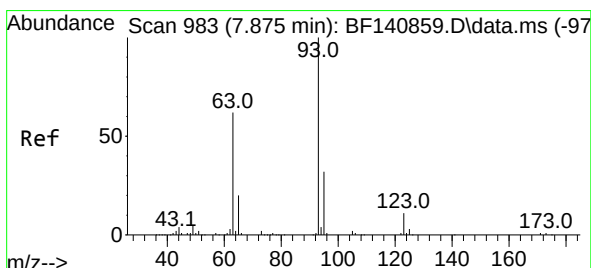
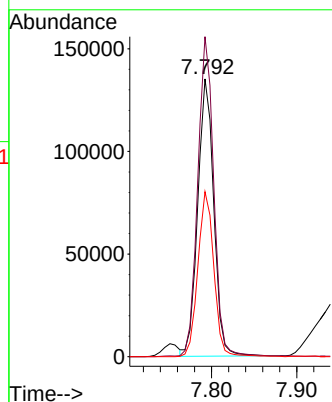
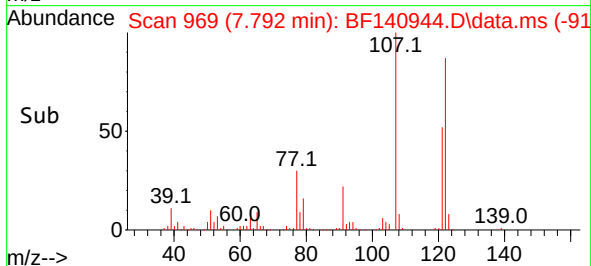


Tgt Ion:122 Resp: 17637
Ion Ratio Lower Upper
122 100
107 115.2 92.6 139.0
121 59.3 45.8 68.8

Manual Integrations

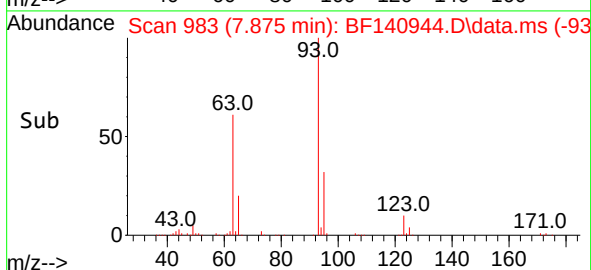
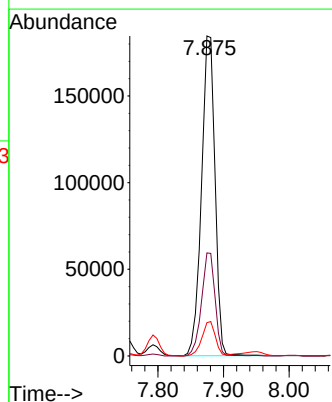
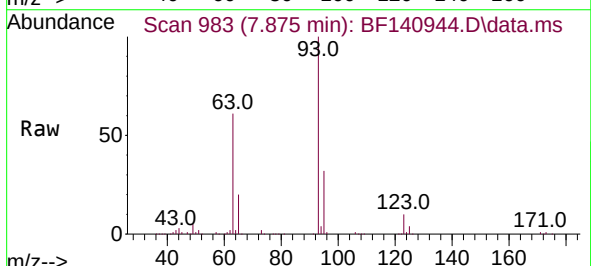
APPROVED

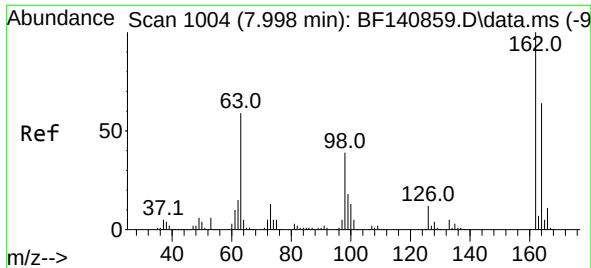
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.677 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion: 93 Resp: 265660
Ion Ratio Lower Upper
93 100
95 32.2 25.3 37.9
123 10.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 53.277 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

Tgt Ion:162 Resp: 20711

Ion Ratio Lower Upper

162 100

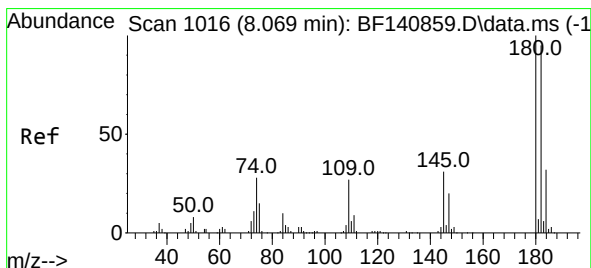
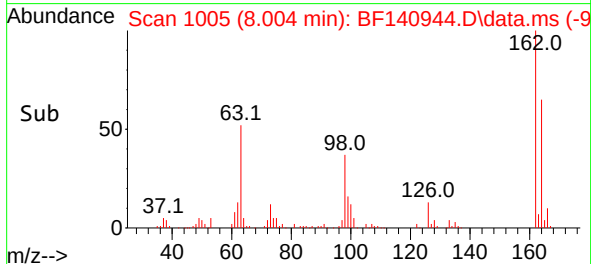
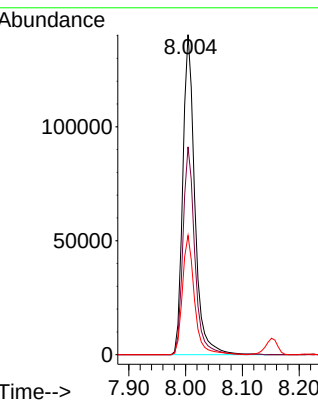
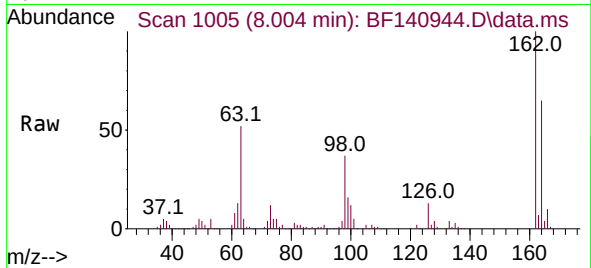
164 64.9 43.7 83.7

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: 49.061 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

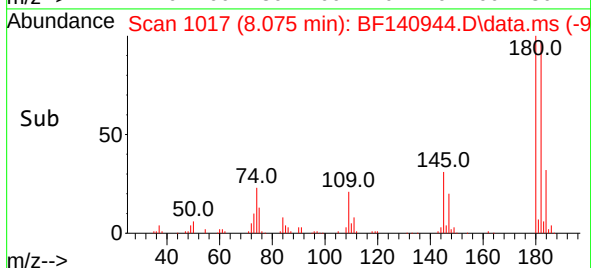
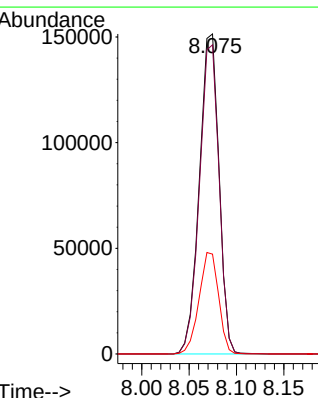
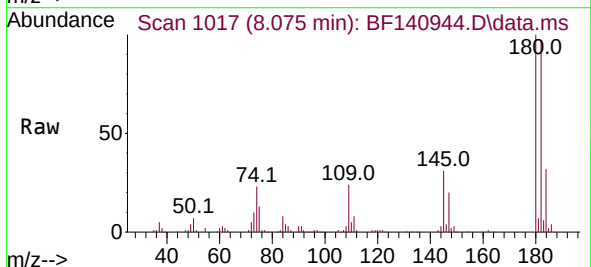
Tgt Ion:180 Resp: 218640

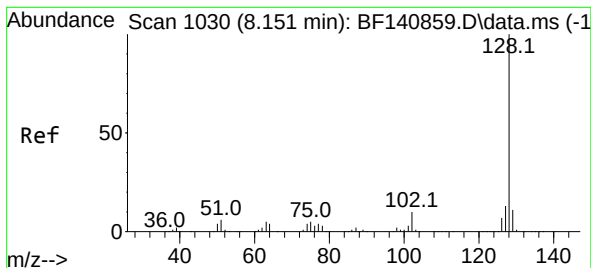
Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.6

145 31.2 25.2 37.8





#31

Naphthalene

Concen: 48.804 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

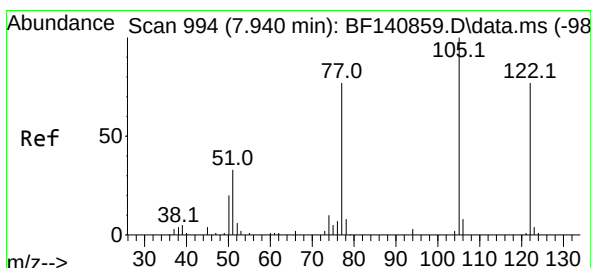
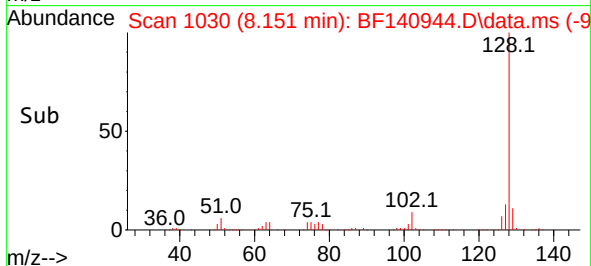
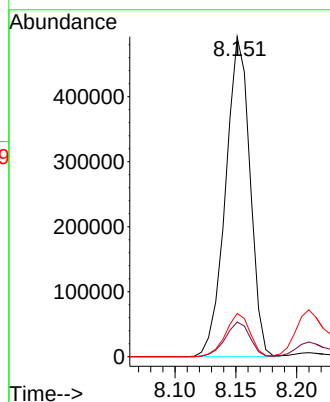
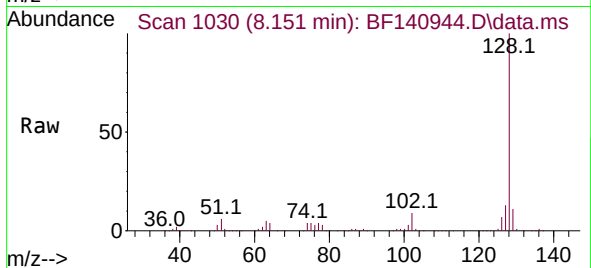
Tgt Ion:128 Resp: 685399

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.5	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: 31.894 ng

RT: 7.951 min Scan# 996

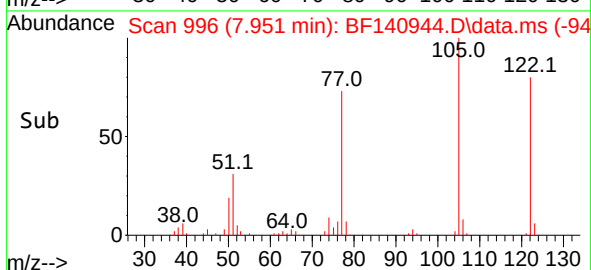
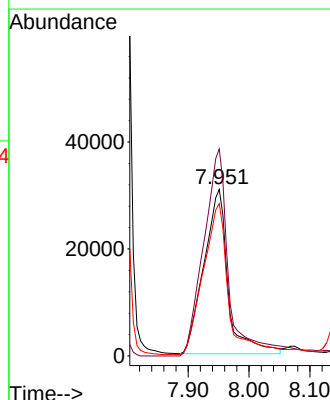
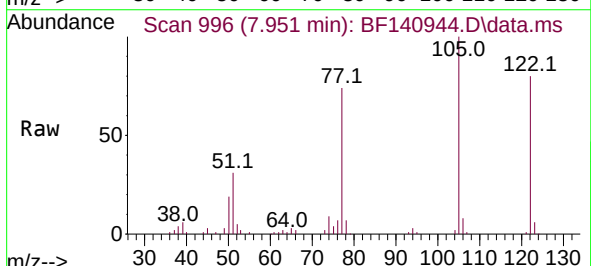
Delta R.T. 0.011 min

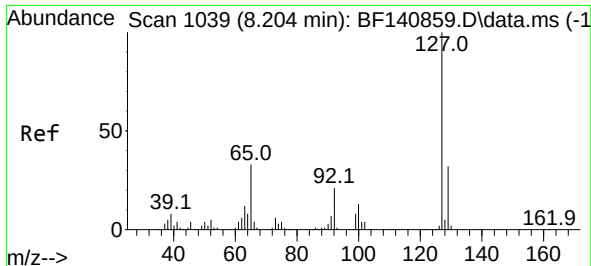
Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Tgt Ion:122 Resp: 85175

Ion	Ratio	Lower	Upper
122	100		
105	124.3	108.3	148.3
77	91.4	78.8	118.8





#33
4-Chloroaniline
Concen: 34.586 ng
RT: 8.210 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

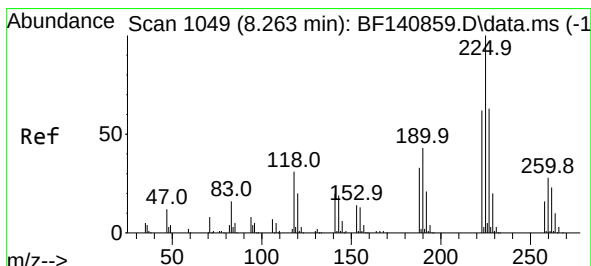
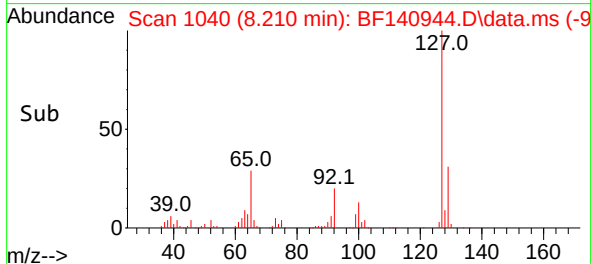
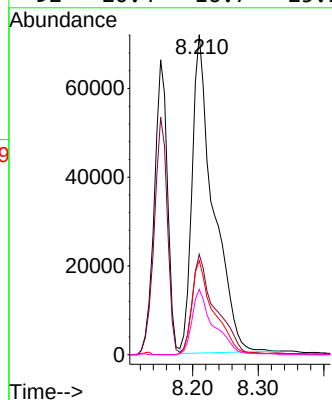
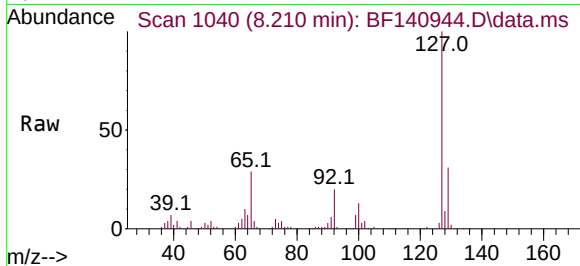
ClientSampleId :

PB165705BS

Tgt Ion:127 Resp: 161324
Ion Ratio Lower Upper
127 100
129 31.3 26.0 39.0
65 29.4 26.0 39.0
92 20.4 16.7 25.1

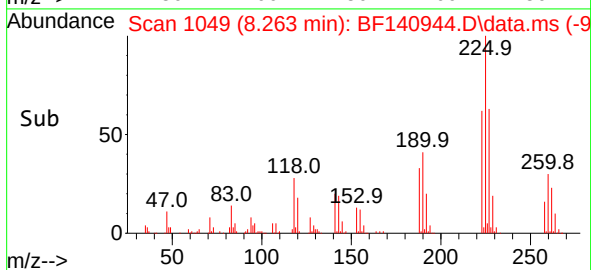
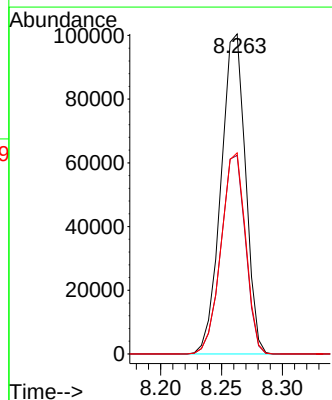
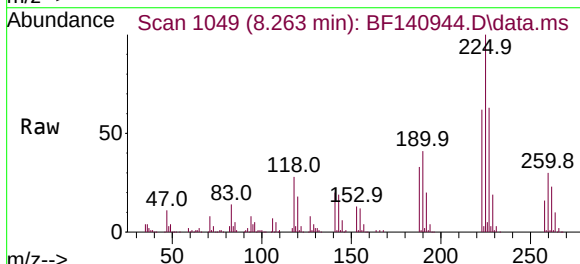
Manual Integrations
APPROVED

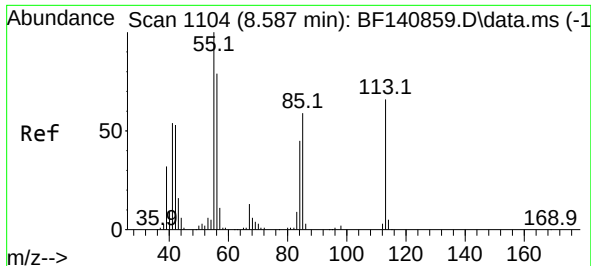
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#34
Hexachlorobutadiene
Concen: 46.981 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

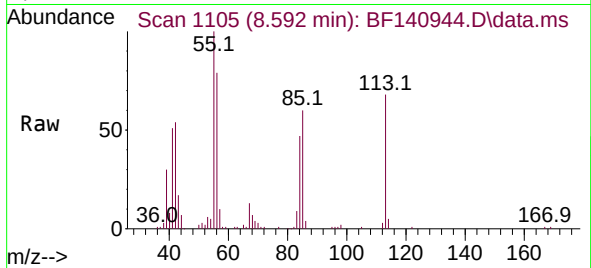
Tgt Ion:225 Resp: 140865
Ion Ratio Lower Upper
225 100
223 62.1 49.6 74.4
227 62.8 50.7 76.1





#35
Caprolactam
Concen: 49.612 ng m
RT: 8.592 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

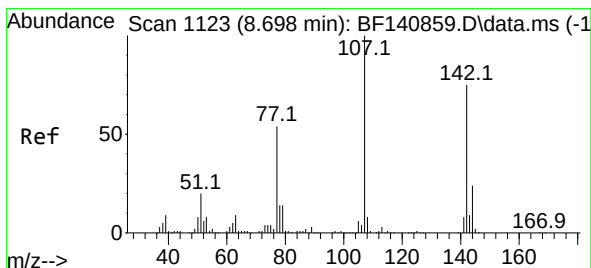
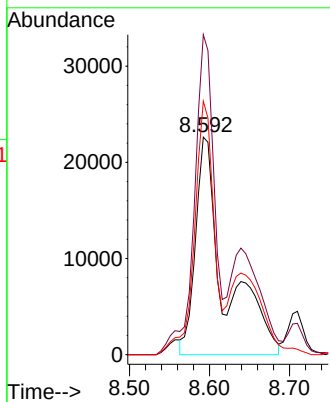
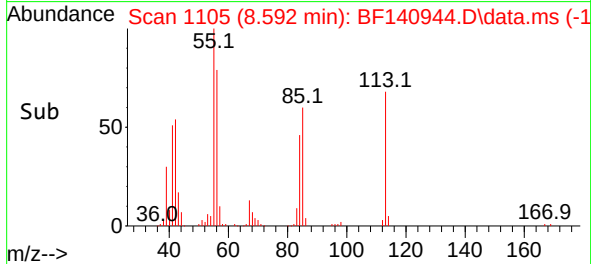
Instrument :
BNA_F
ClientSampleId :
PB165705BS



Tgt Ion:113 Resp: 57419
Ion Ratio Lower Upper
113 100
55 147.0 132.3 172.3
56 116.4 100.3 140.3

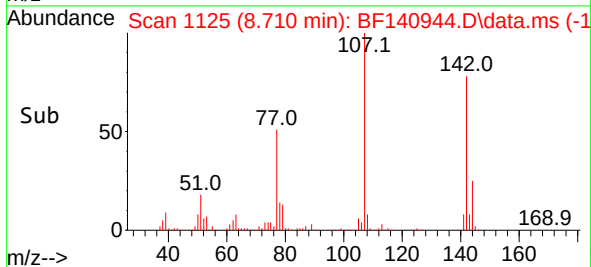
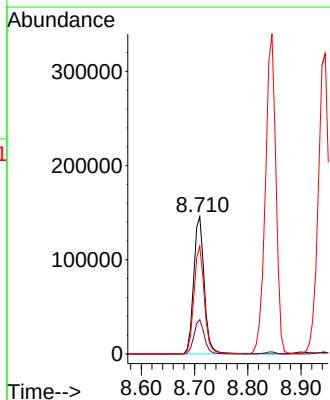
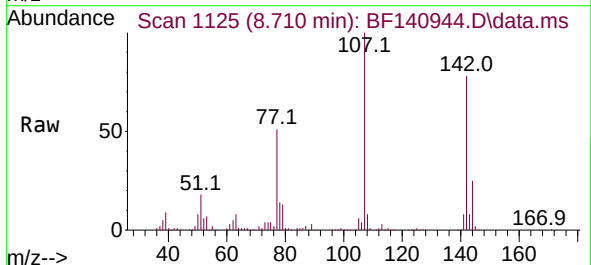
Manual Integrations
APPROVED

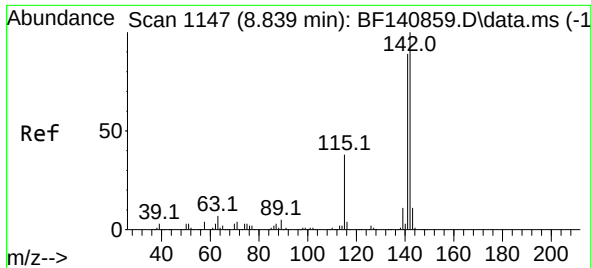
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#36
4-Chloro-3-methylphenol
Concen: 46.112 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.012 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion:107 Resp: 201762
Ion Ratio Lower Upper
107 100
144 25.0 19.4 29.2
142 78.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 50.021 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

Tgt Ion:142 Resp: 46469

Ion Ratio Lower Upper

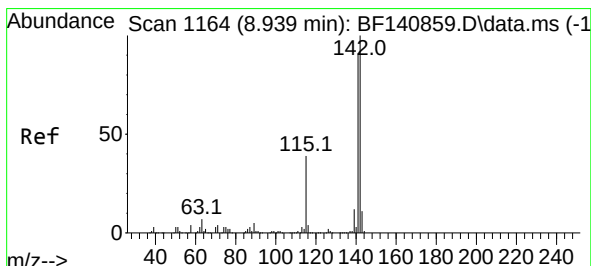
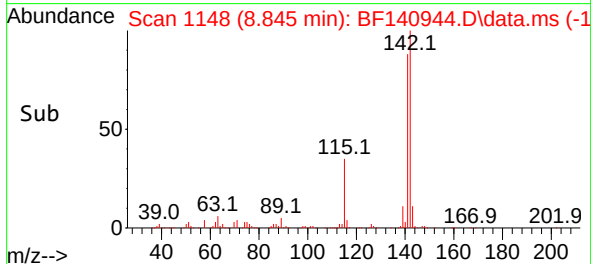
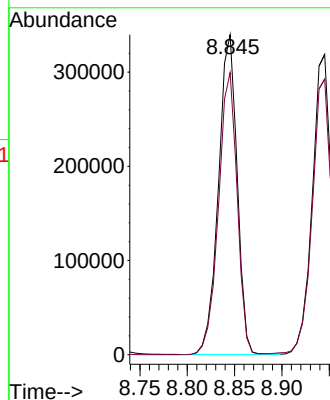
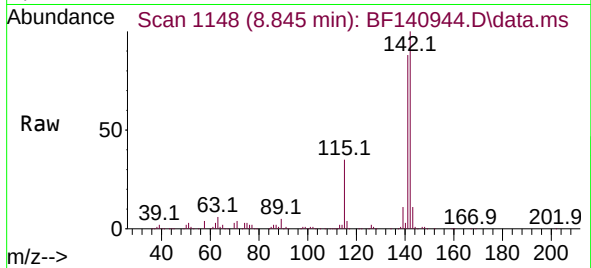
142 100

141 88.2 71.0 106.6

Manual Integrations

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



#38

1-Methylnaphthalene

Concen: 47.751 ng

RT: 8.945 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF140944.D

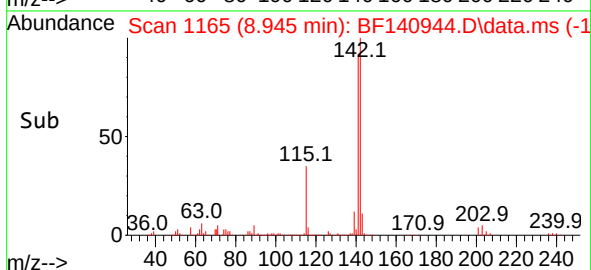
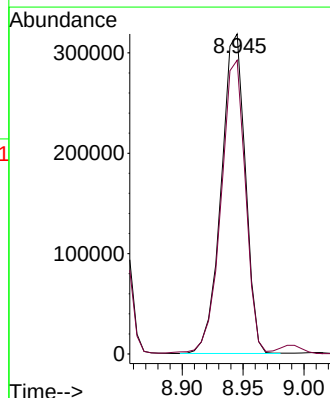
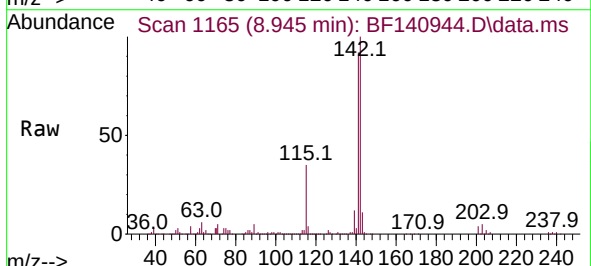
Acq: 20 Dec 2024 12:07

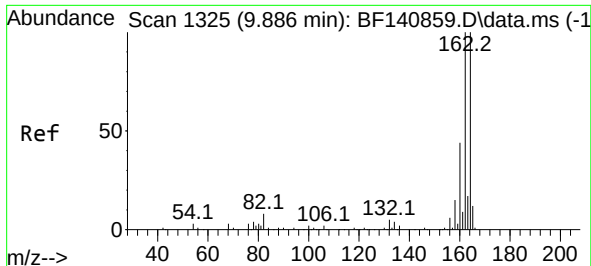
Tgt Ion:142 Resp: 438727

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140944.D

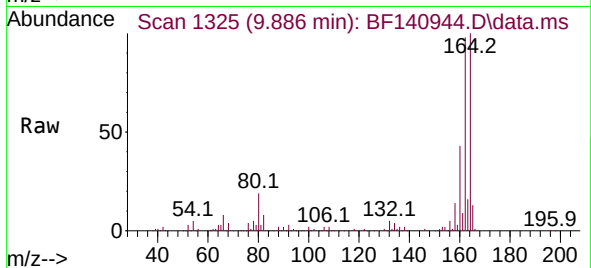
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

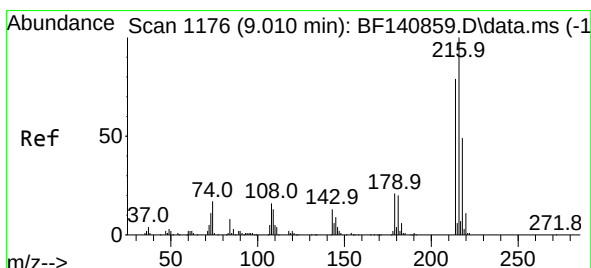
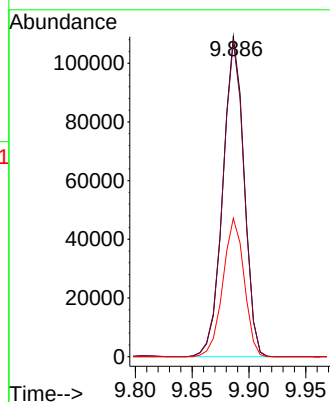
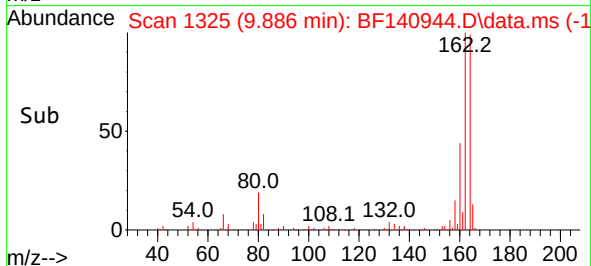
PB165705BS



Tgt Ion:	164	Resp:	14129
Ion Ratio	Lower	Upper	
164	100		
162	98.5	79.9	119.9
160	43.2	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: 53.956 ng

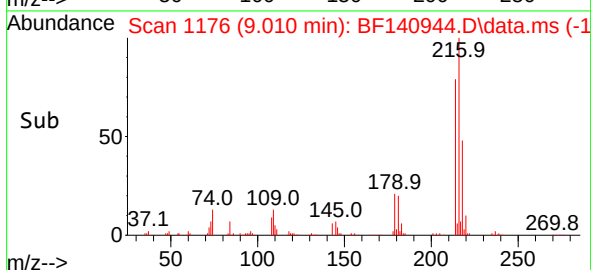
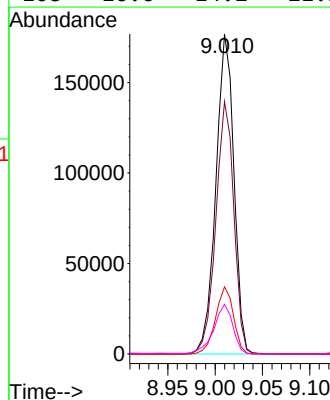
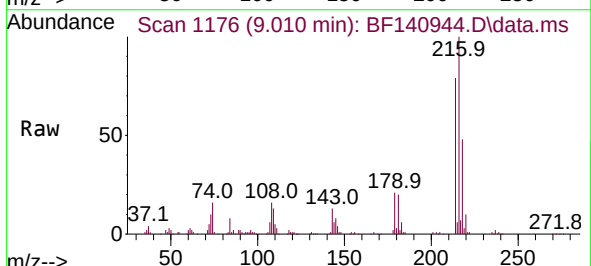
RT: 9.010 min Scan# 1176

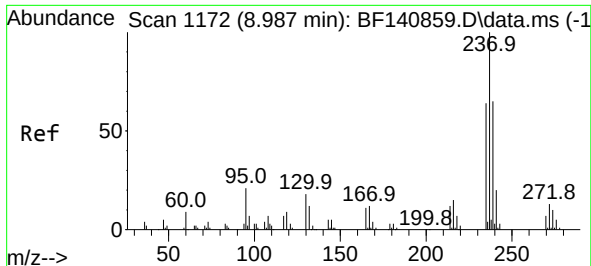
Delta R.T. -0.000 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Tgt Ion:	216	Resp:	234321
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.6	95.4
179	20.8	17.0	25.4
108	16.6	14.2	21.2





#41
Hexachlorocyclopentadiene
Concen: 68.569 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

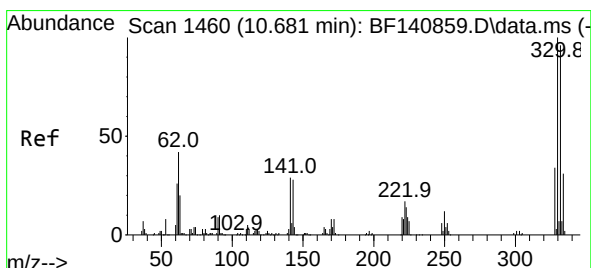
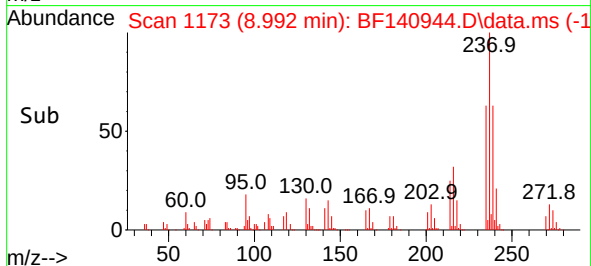
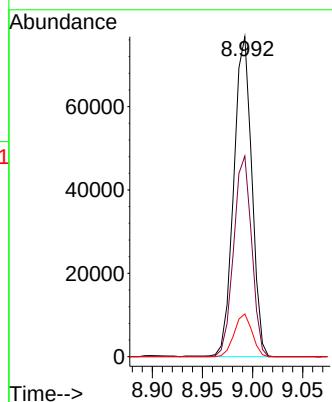
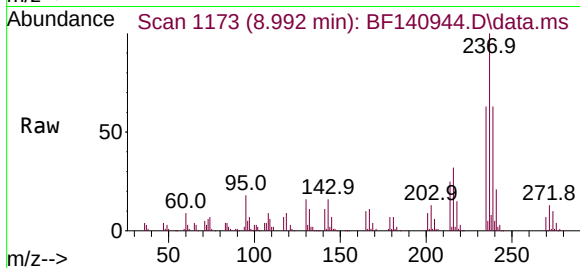
PB165705BS

Tgt Ion:237 Resp: 96370
Ion Ratio Lower Upper
237 100
235 62.7 43.7 83.7
272 13.3 0.0 32.9

Manual Integrations

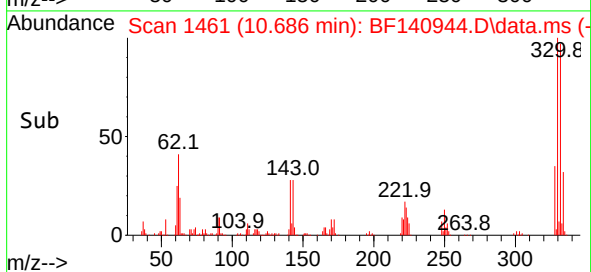
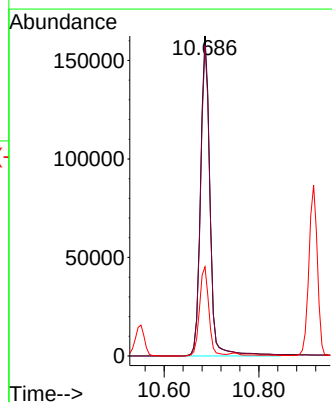
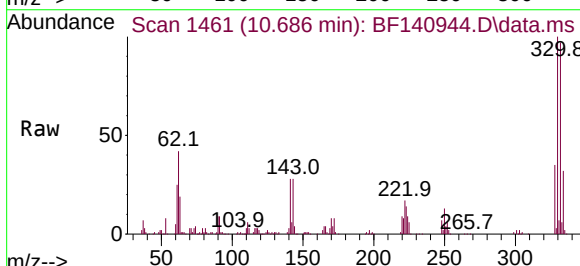
APPROVED

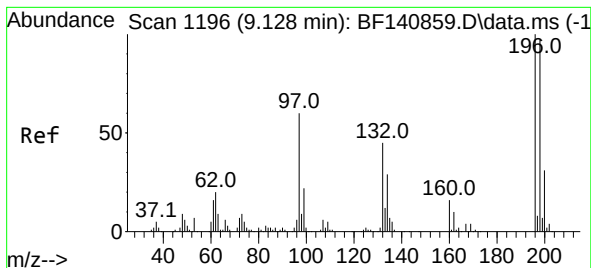
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#42
2,4,6-Tribromophenol
Concen: 134.800 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

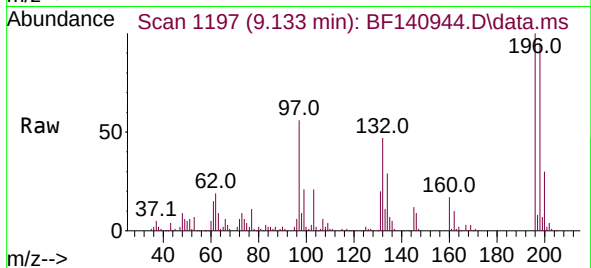
Tgt Ion:330 Resp: 225262
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 27.4 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 50.276 ng
RT: 9.133 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

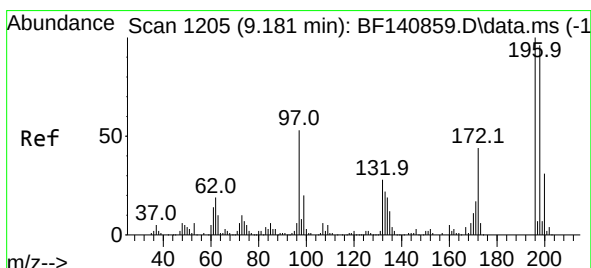
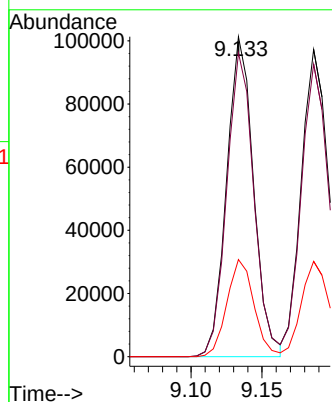
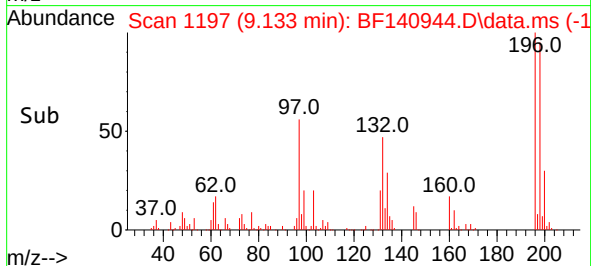
Instrument :
BNA_F
ClientSampleId :
PB165705BS



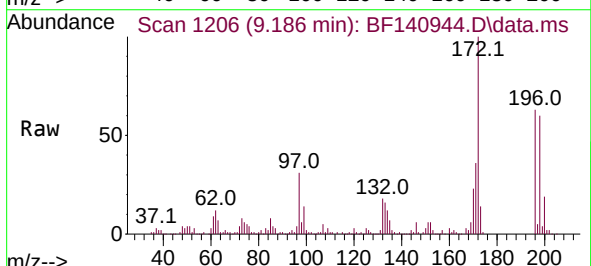
Tgt Ion:196 Resp: 13369
Ion Ratio Lower Upper
196 100
198 94.9 77.4 116.0
200 30.3 24.5 36.7

Manual Integrations
APPROVED

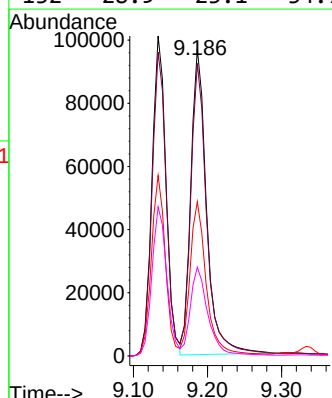
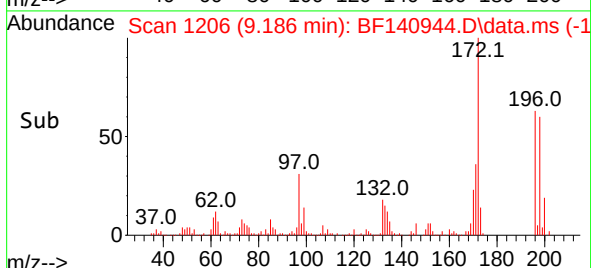
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

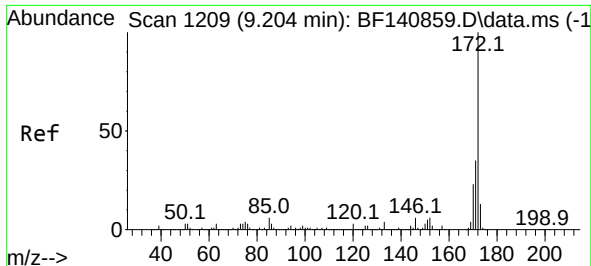


#44
2,4,5-Trichlorophenol
Concen: 49.003 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:196 Resp: 143227
Ion Ratio Lower Upper
196 100
198 95.2 77.2 115.8
97 50.2 42.2 63.4
132 28.9 23.1 34.7





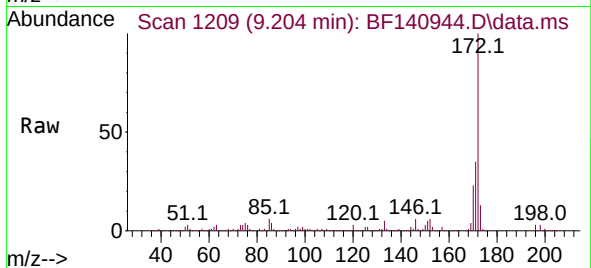
#45
2-Fluorobiphenyl
Concen: 105.274 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

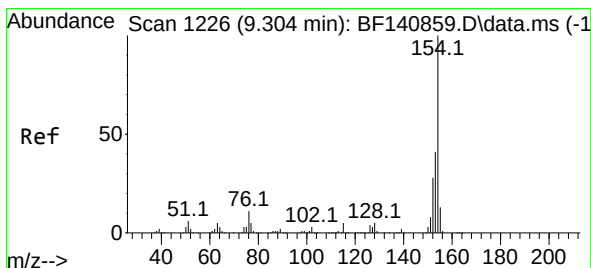
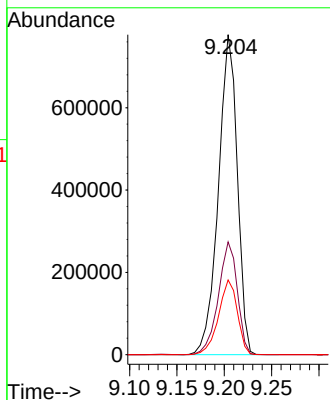
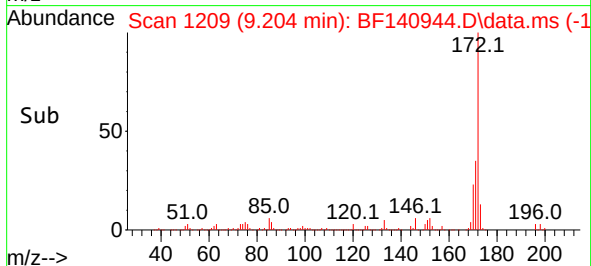


Tgt Ion:172 Resp: 108188
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 18.6 28.0

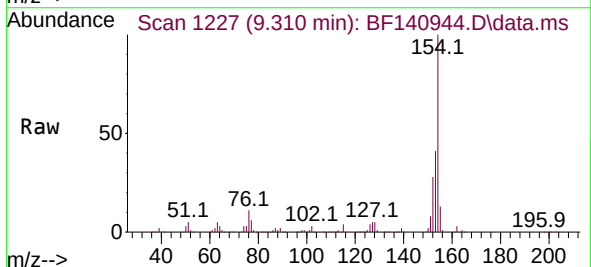
Manual Integrations

APPROVED

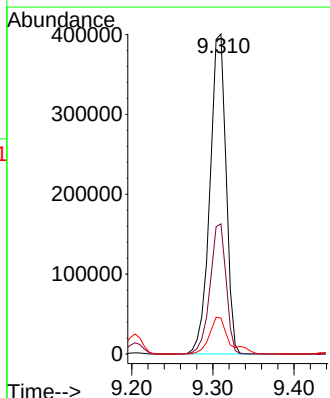
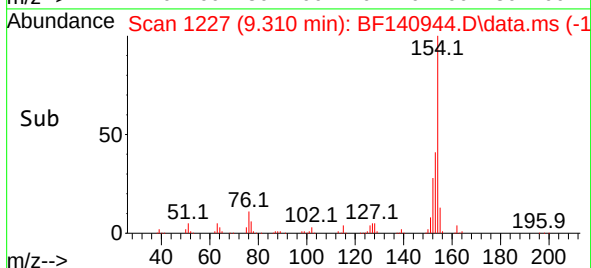
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

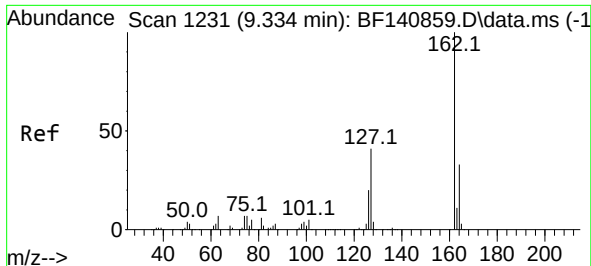


#46
1,1'-Biphenyl
Concen: 49.168 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:154 Resp: 552413
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 11.2 0.0 31.0





#47

2-Chloronaphthalene

Concen: 48.592 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

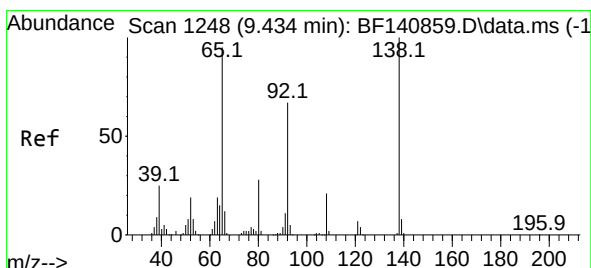
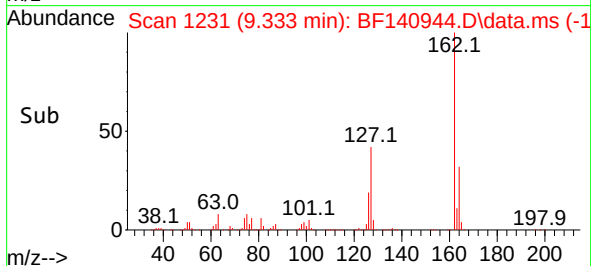
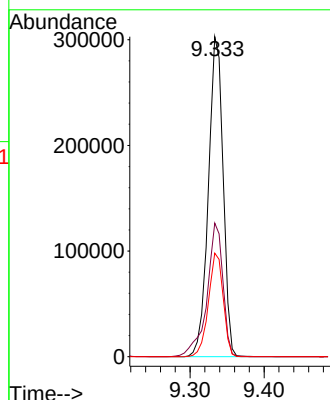
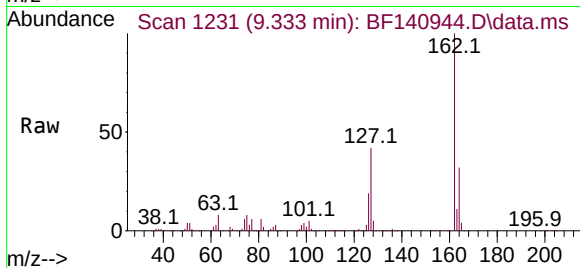
Tgt Ion:162 Resp: 417659

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.5	50.3
164	32.4	26.2	39.2

Manual Integrations

APPROVED

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



#48

2-Nitroaniline

Concen: 46.835 ng

RT: 9.439 min Scan# 1249

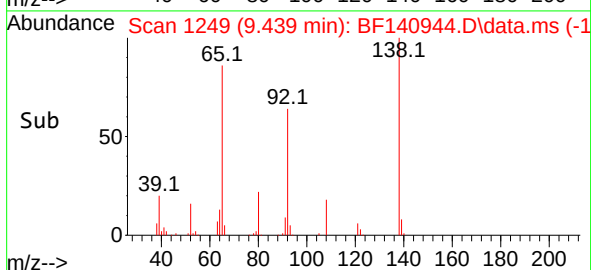
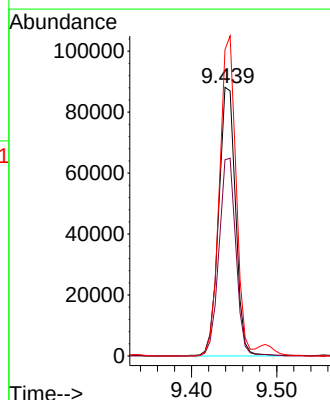
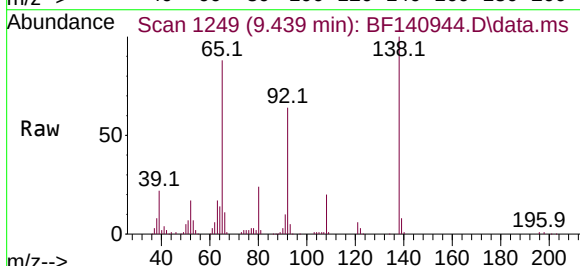
Delta R.T. 0.006 min

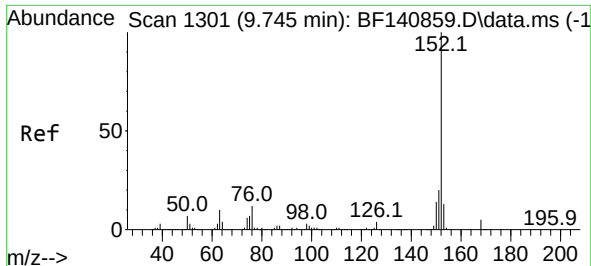
Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Tgt Ion: 65 Resp: 121577

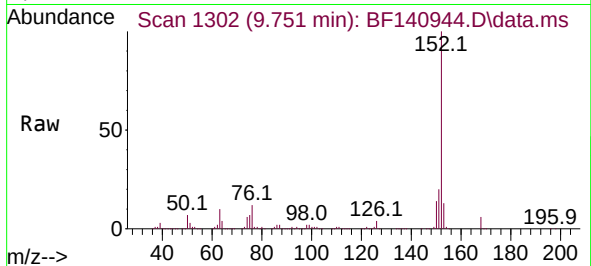
Ion	Ratio	Lower	Upper
65	100		
92	73.0	56.3	84.5
138	114.0	83.8	125.6





#49
Acenaphthylene
Concen: 53.969 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

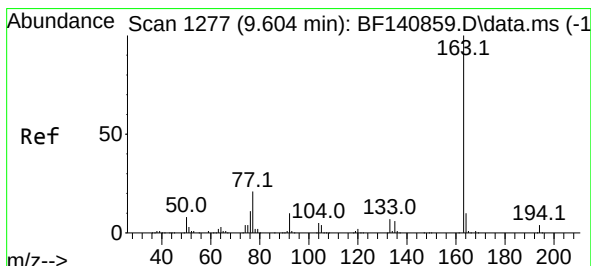
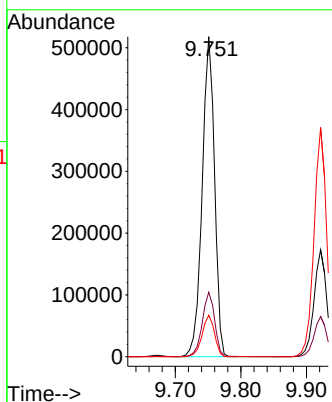
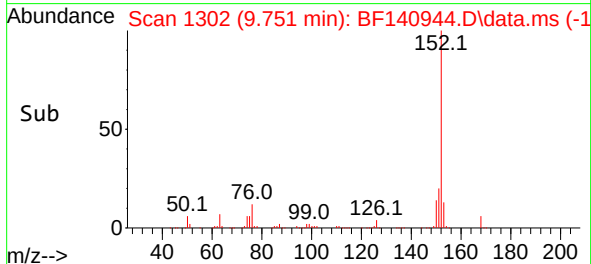
Instrument :
BNA_F
ClientSampleId :
PB165705BS



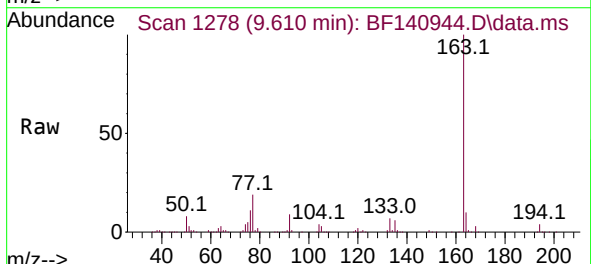
Tgt Ion:152 Resp: 681698
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.0 10.6 16.0

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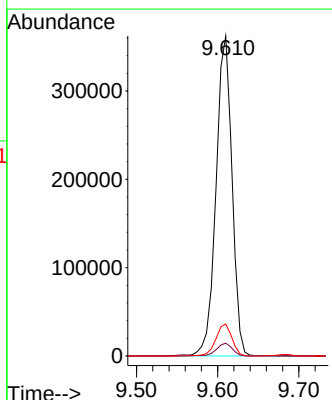
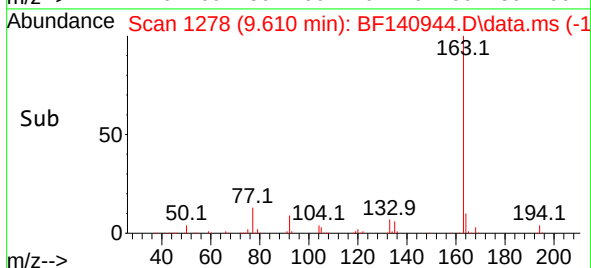
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

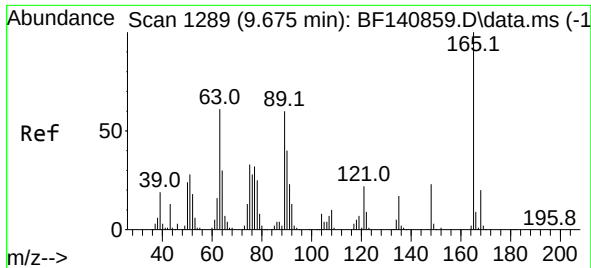


#50
Dimethylphthalate
Concen: 49.797 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:163 Resp: 496054
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 47.820 ng
RT: 9.680 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

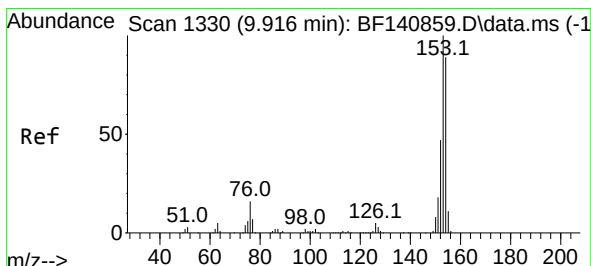
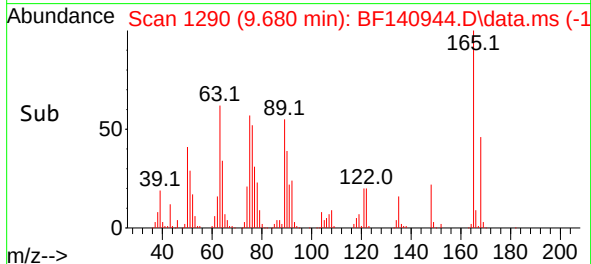
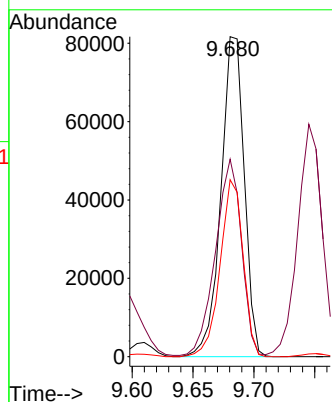
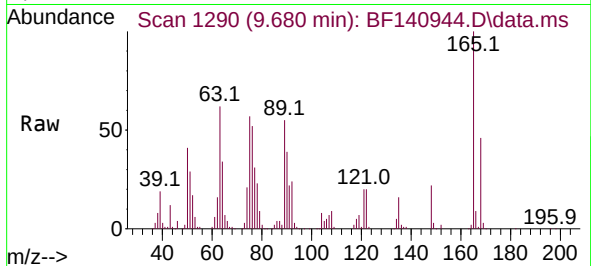
PB165705BS

Tgt Ion:165 Resp: 108898
Ion Ratio Lower Upper
165 100
63 61.7 49.7 74.5
89 55.3 48.2 72.4

Manual Integrations

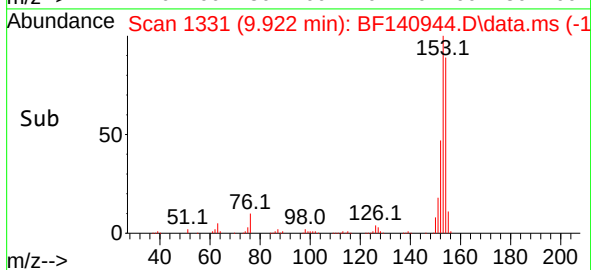
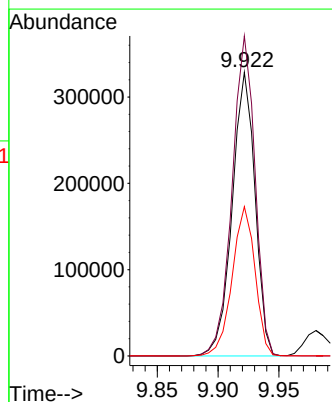
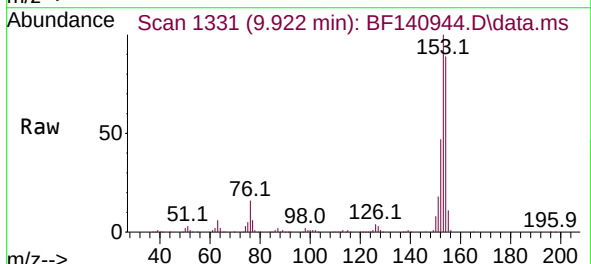
APPROVED

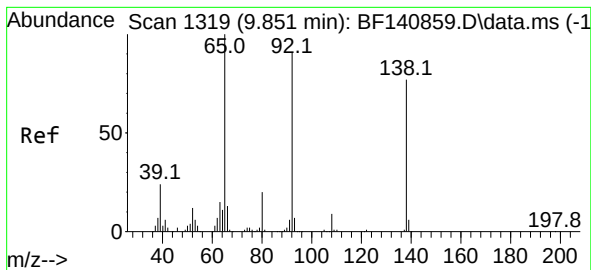
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#52
Acenaphthene
Concen: 53.351 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion:154 Resp: 430468
Ion Ratio Lower Upper
154 100
153 112.8 89.9 134.9
152 52.6 42.6 63.8





#53
3-Nitroaniline
Concen: 34.184 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

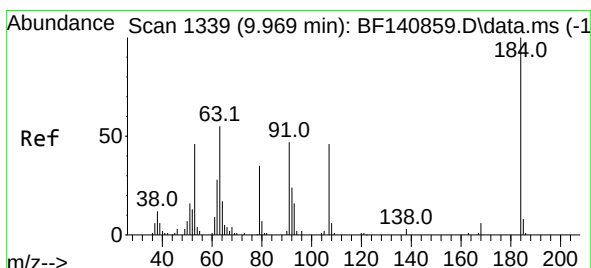
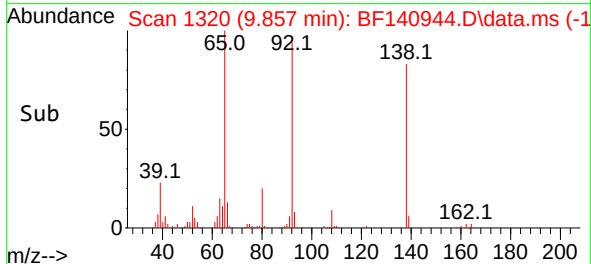
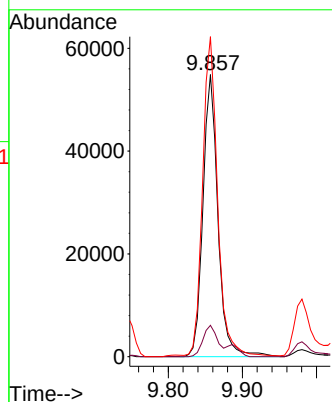
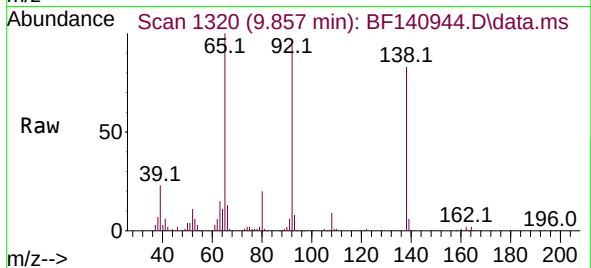
PB165705BS

Tgt Ion:138 Resp: 77254
Ion Ratio Lower Upper
138 100
108 11.1 9.0 13.4
92 113.4 95.5 143.3

Manual Integrations

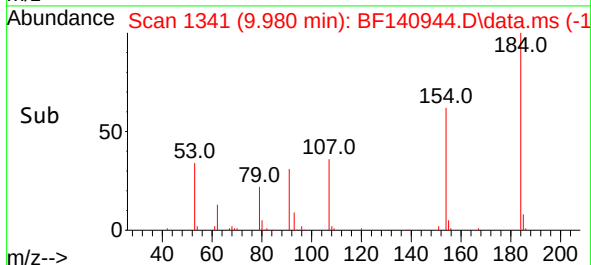
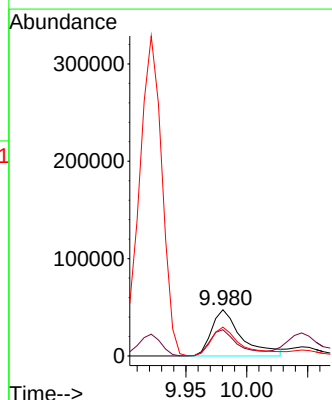
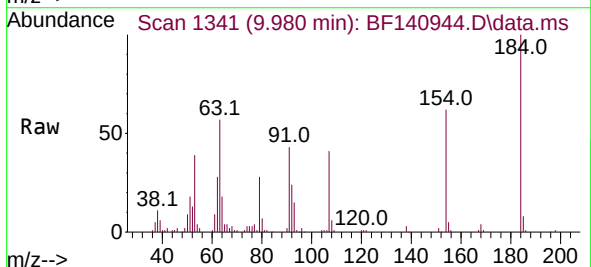
APPROVED

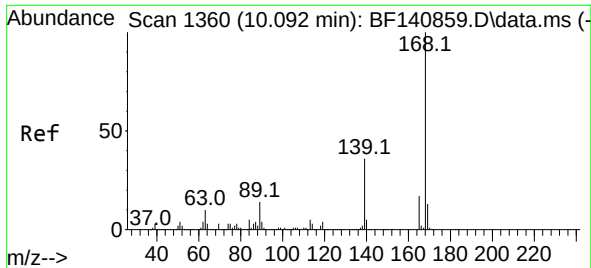
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#54
2,4-Dinitrophenol
Concen: 73.697 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion:184 Resp: 81264
Ion Ratio Lower Upper
184 100
63 56.8 51.6 77.4
154 62.1 56.1 84.1





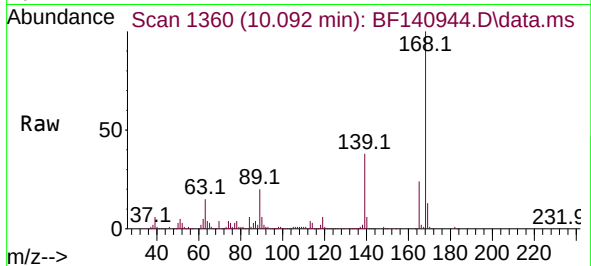
#55
Dibenzenofuran
Concen: 49.905 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

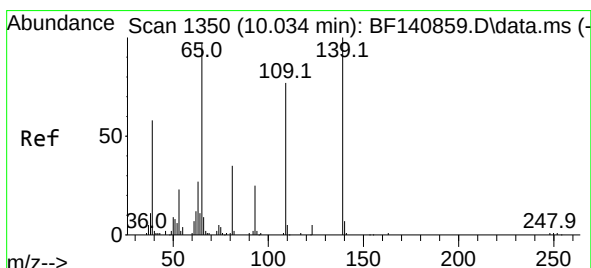
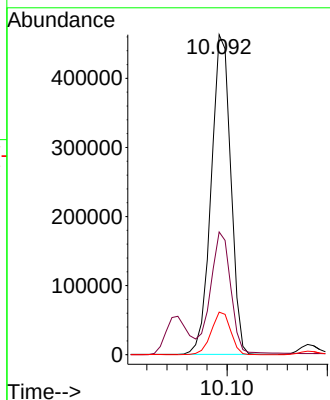
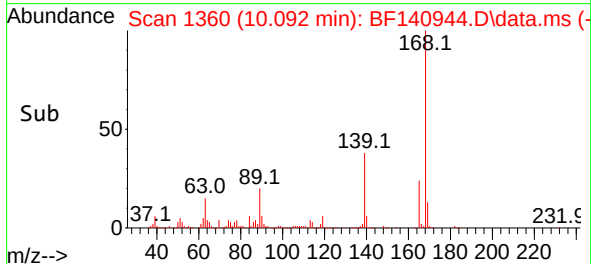


Tgt Ion:168 Resp: 623949
Ion Ratio Lower Upper
168 100
139 38.4 31.1 46.7
169 13.3 10.6 16.0

Manual Integrations

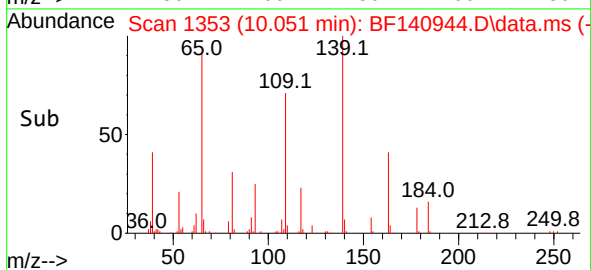
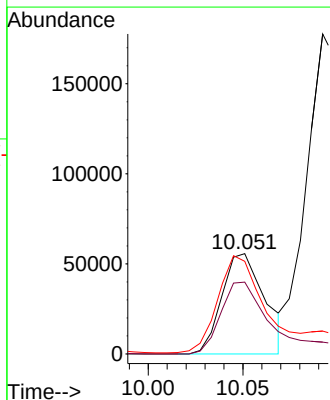
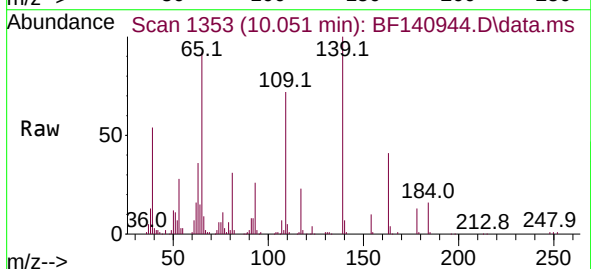
APPROVED

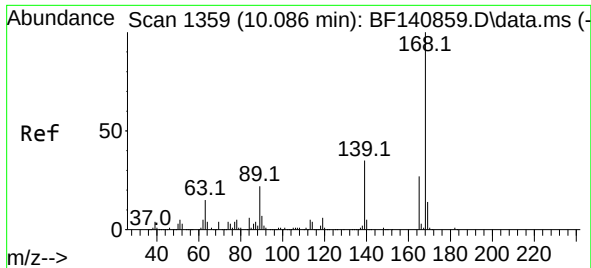
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#56
4-Nitrophenol
Concen: 72.611 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

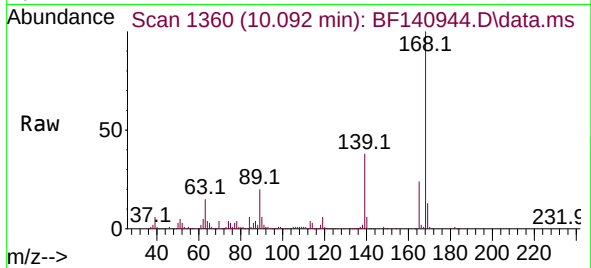
Tgt Ion:139 Resp: 87740
Ion Ratio Lower Upper
139 100
109 71.7 56.7 96.7
65 92.4 78.1 118.1





#57
2,4-Dinitrotoluene
Concen: 48.383 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

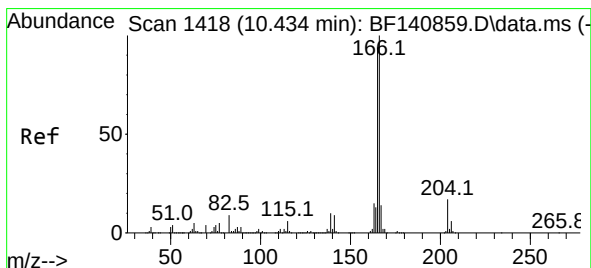
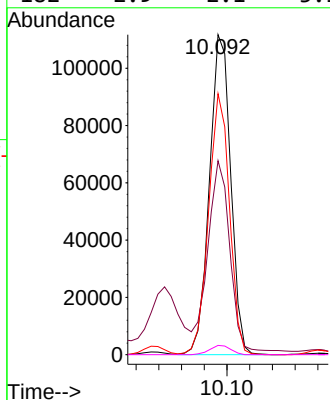
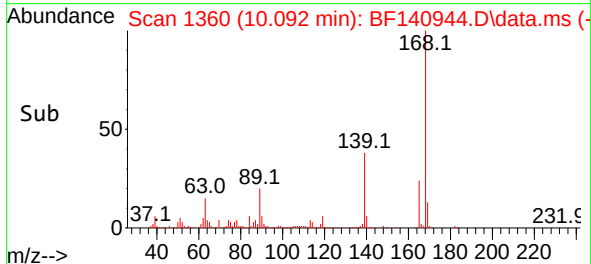
Instrument :
BNA_F
ClientSampleId :
PB165705BS



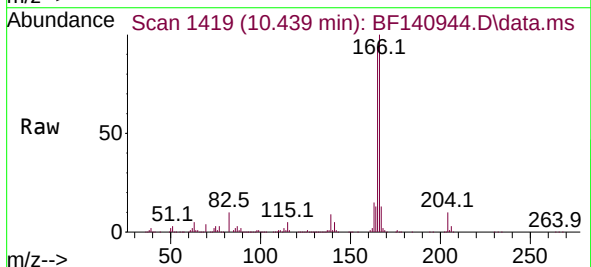
Tgt Ion:165 Resp: 144968
Ion Ratio Lower Upper
165 100
63 60.6 49.3 73.9
89 81.6 66.2 99.4
182 2.9 2.1 3.1

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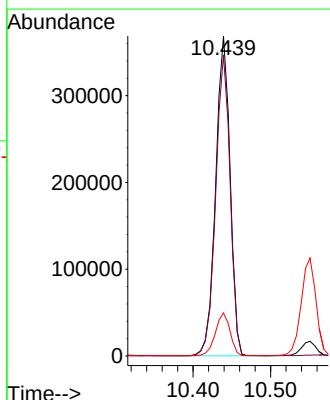
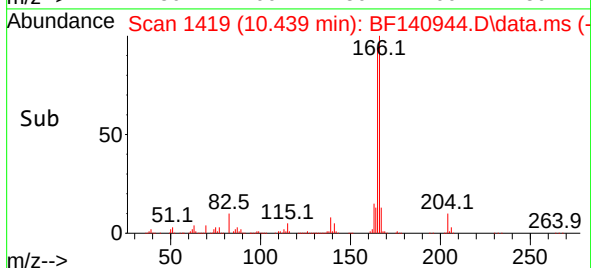
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

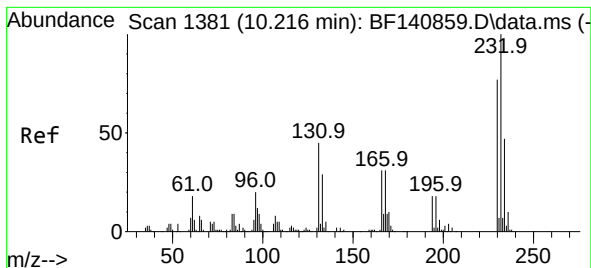


#58
Fluorene
Concen: 46.262 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



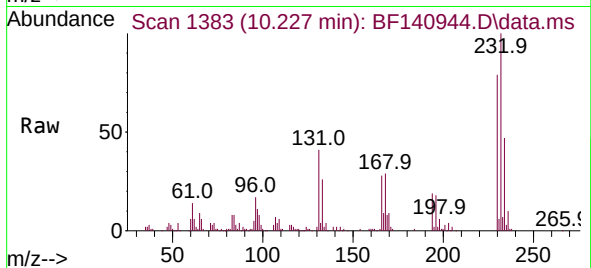
Tgt Ion:166 Resp: 477180
Ion Ratio Lower Upper
166 100
165 94.1 75.1 112.7
167 13.5 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.557 ng
RT: 10.227 min Scan# 1383
Delta R.T. 0.012 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

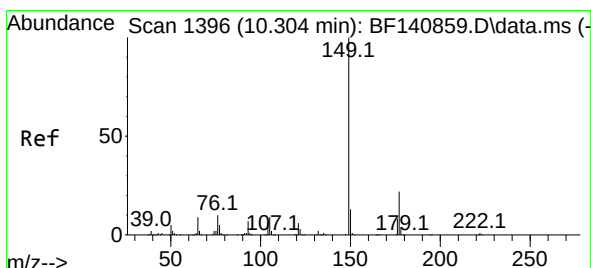
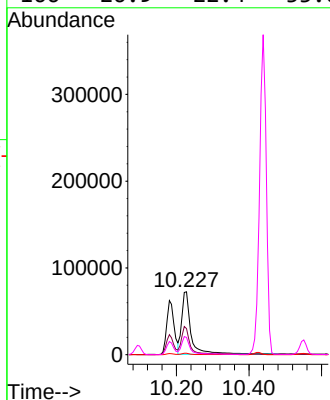
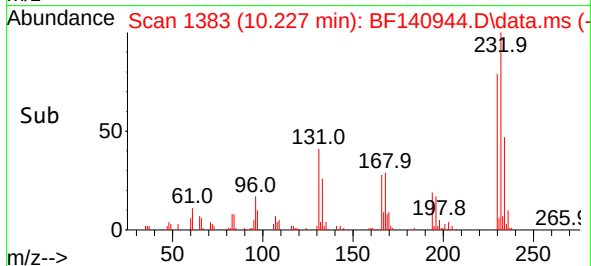
Instrument :
BNA_F
ClientSampleId :
PB165705BS



Tgt Ion:232 Resp: 127554
Ion Ratio Lower Upper
232 100
131 39.3 35.1 52.7
130 1.9 1.8 2.8
166 26.9 22.4 33.6

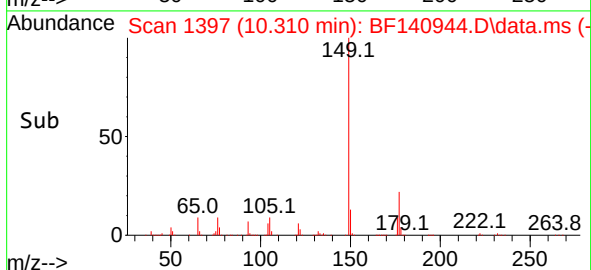
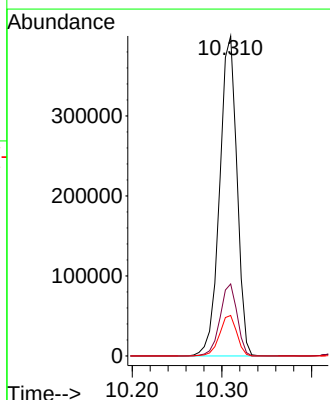
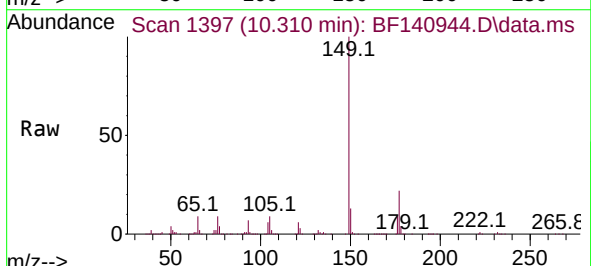
Manual Integrations
APPROVED

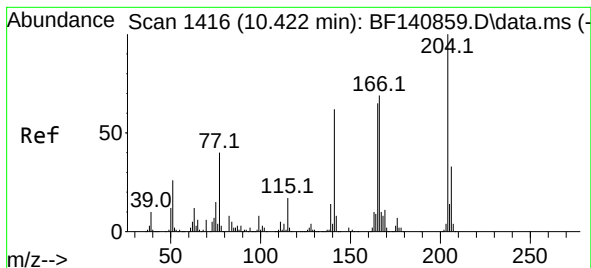
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#60
Diethylphthalate
Concen: 51.715 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion:149 Resp: 534197
Ion Ratio Lower Upper
149 100
177 22.5 17.2 25.8
150 12.7 10.1 15.1





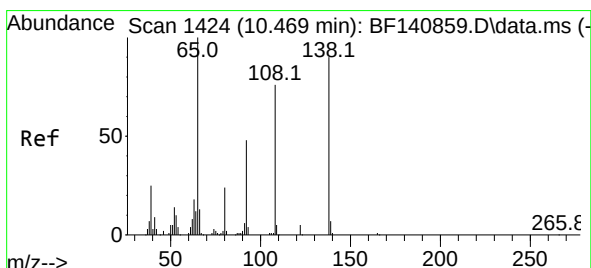
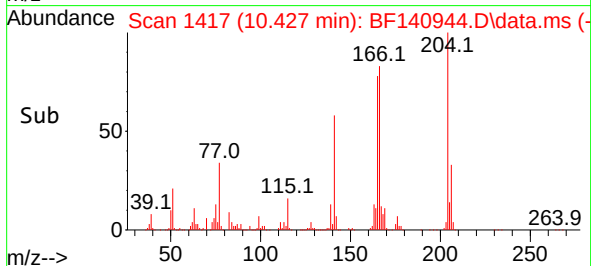
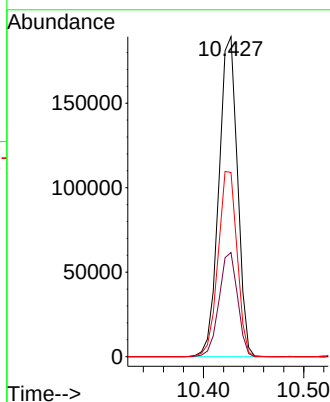
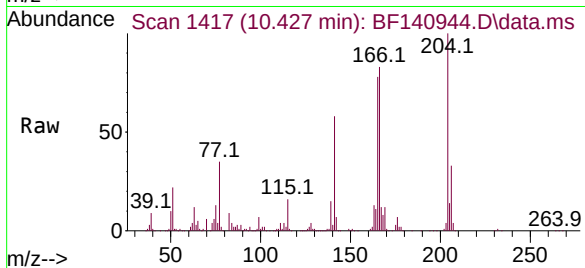
#61
4-Chlorophenyl-phenylether
Concen: 47.046 ng
RT: 10.427 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :
BNA_F
ClientSampleId :
PB165705BS

Tgt Ion:204 Resp: 24375
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 57.6 50.0 75.0

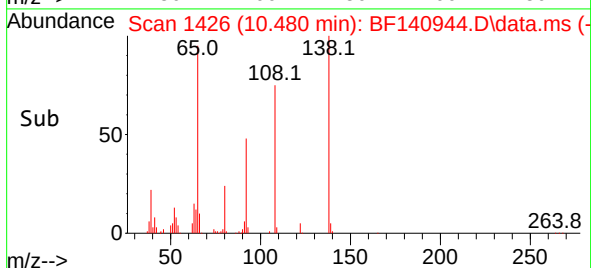
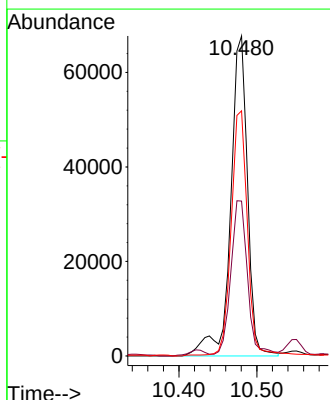
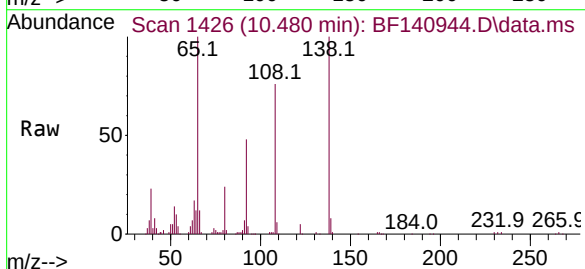
Manual Integrations
APPROVED

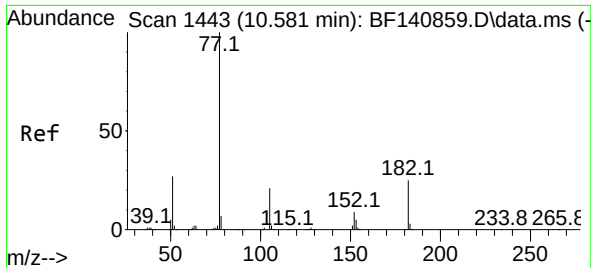
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#62
4-Nitroaniline
Concen: 43.167 ng m
RT: 10.480 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

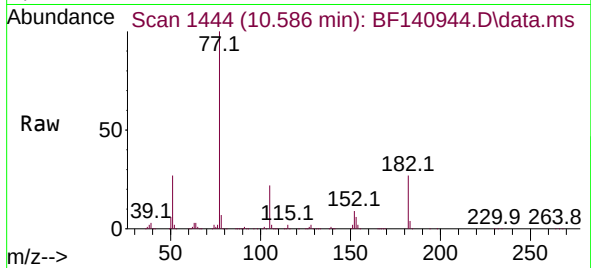
Tgt Ion:138 Resp: 101945
Ion Ratio Lower Upper
138 100
92 48.4 32.6 72.6
108 76.6 64.1 104.1





#63
Azobenzene
Concen: 44.427 ng
RT: 10.586 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

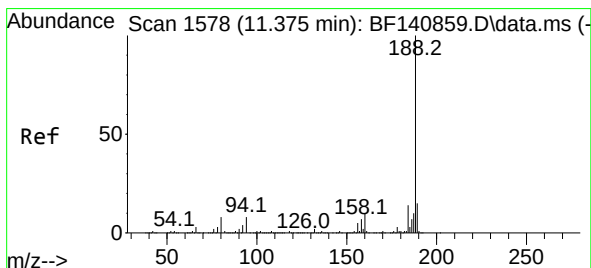
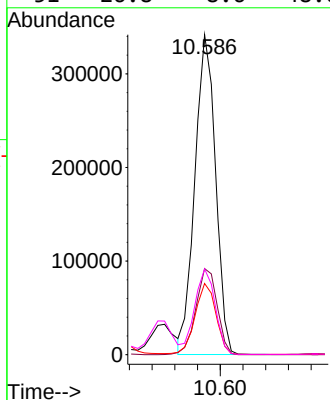
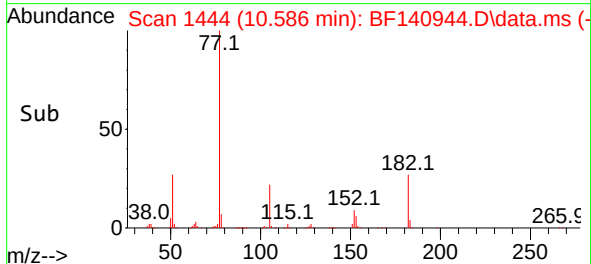
Instrument :
BNA_F
ClientSampleId :
PB165705BS



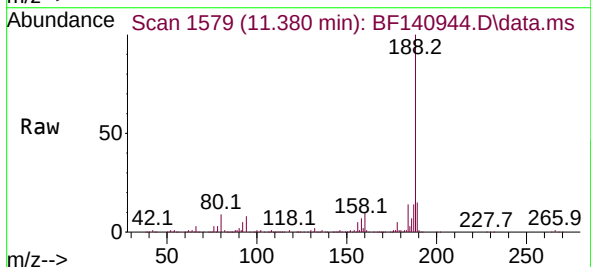
Tgt Ion: 77 Resp: 431430
Ion Ratio Lower Upper
77 100
182 26.9 4.5 44.5
105 22.2 0.9 40.9
51 26.8 8.6 48.6

Manual Integrations
APPROVED

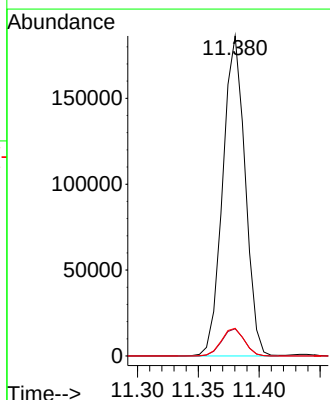
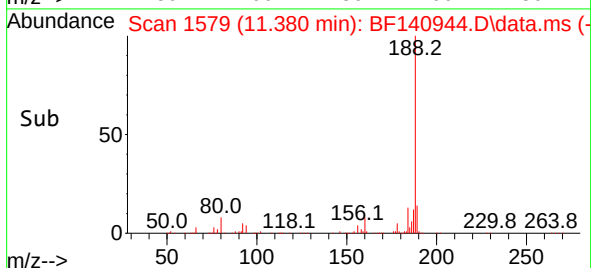
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

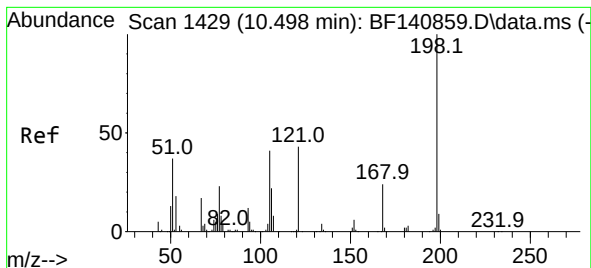


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:188 Resp: 237962
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 8.7 6.8 10.2





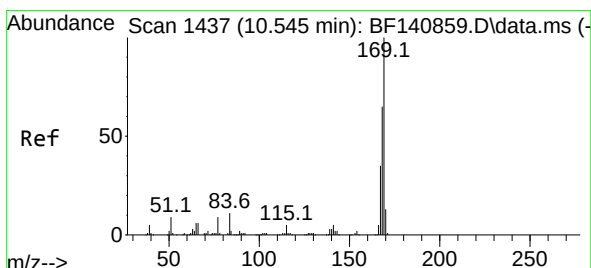
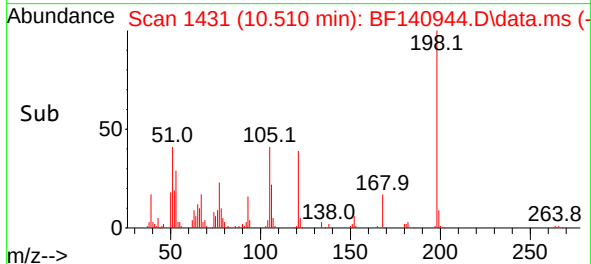
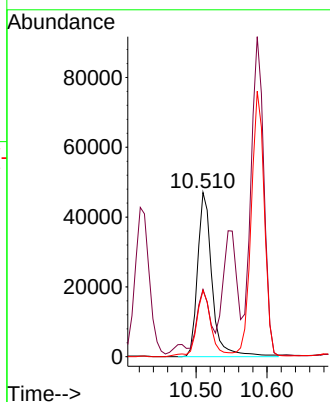
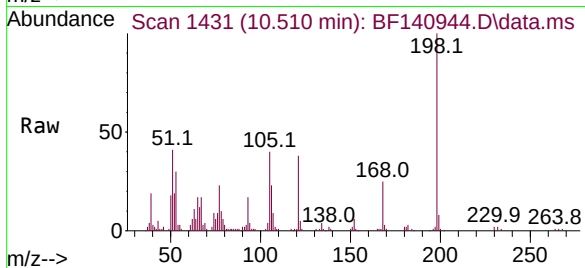
#65
4,6-Dinitro-2-methylphenol
Concen: 49.484 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :
BNA_F
ClientSampleId :
PB165705BS

Tgt Ion:198 Resp: 66725
Ion Ratio Lower Upper
198 100
51 40.9 24.4 64.4
105 40.4 22.1 62.1

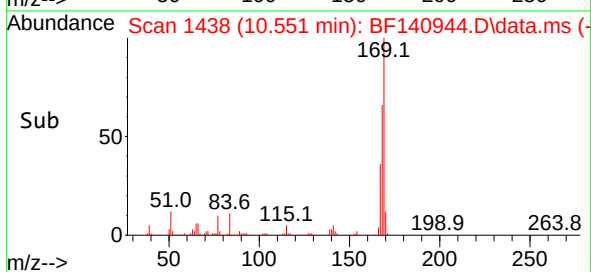
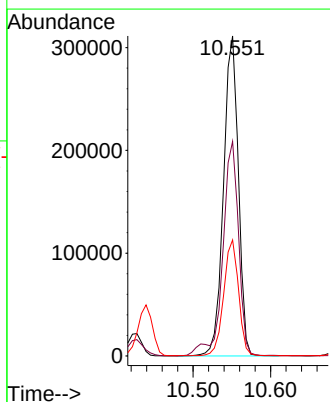
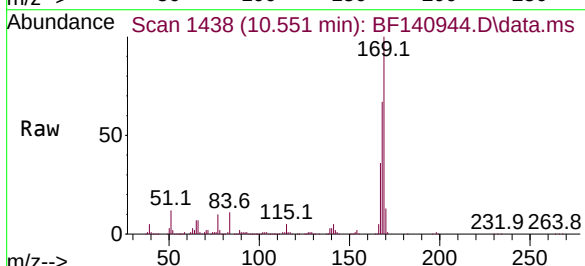
Manual Integrations
APPROVED

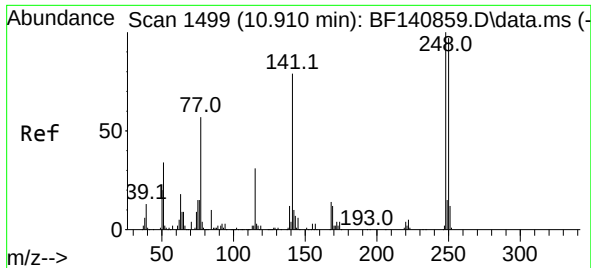
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#66
n-Nitrosodiphenylamine
Concen: 56.716 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

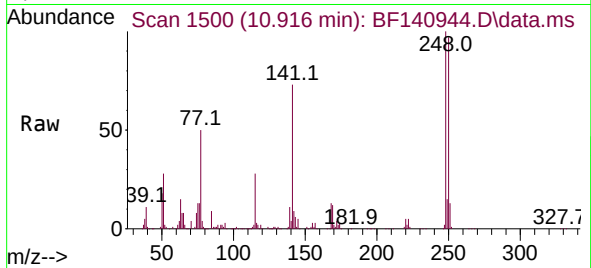
Tgt Ion:169 Resp: 414949
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 36.3 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 55.009 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

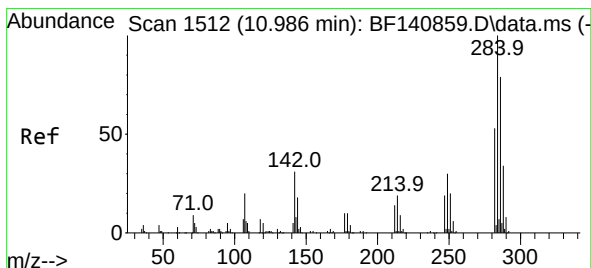
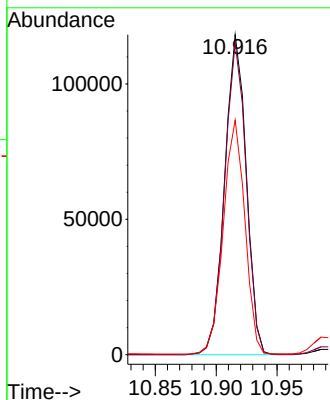
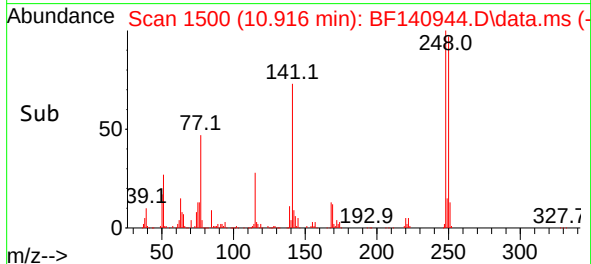
Instrument :
BNA_F
ClientSampleId :
PB165705BS



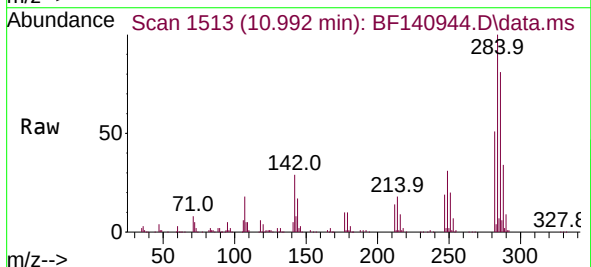
Tgt Ion:248 Resp: 14644
Ion Ratio Lower Upper
248 100
250 97.5 77.4 116.2
141 73.3 62.9 94.3

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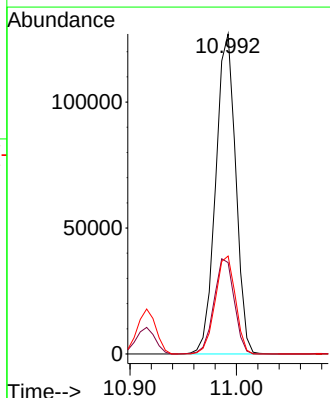
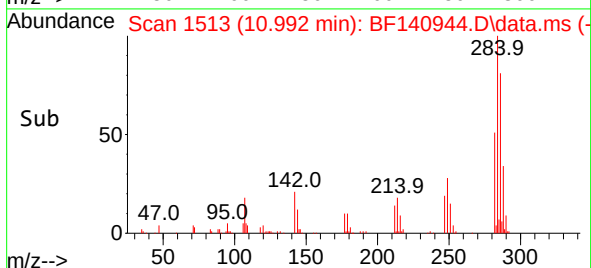
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

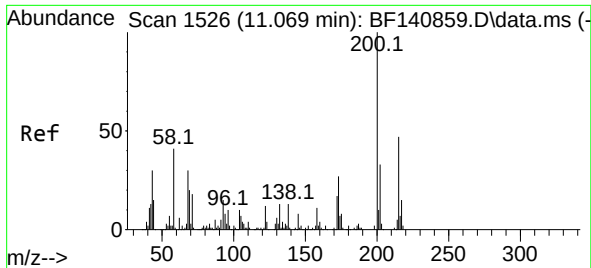


#68
Hexachlorobenzene
Concen: 54.744 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



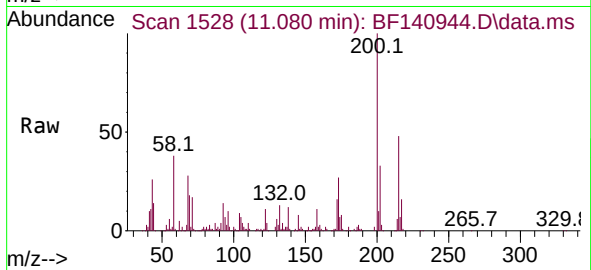
Tgt Ion:284 Resp: 165233
Ion Ratio Lower Upper
284 100
142 28.6 24.6 36.8
249 30.6 24.3 36.5





#69
Atrazine
Concen: 65.919 ng
RT: 11.080 min Scan# 1526
Delta R.T. 0.012 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

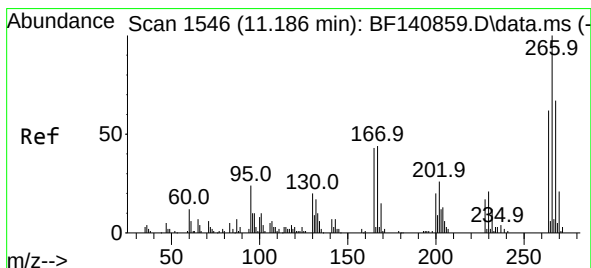
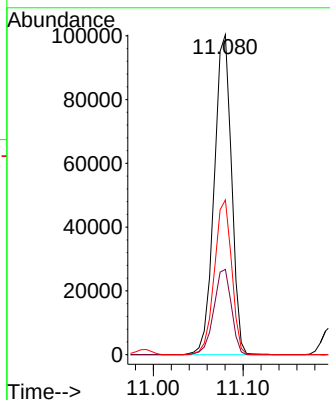
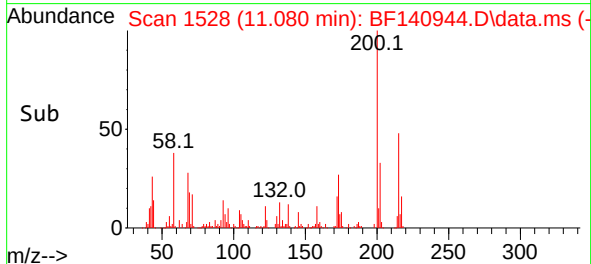
Instrument :
BNA_F
ClientSampleId :
PB165705BS



Tgt Ion:200 Resp: 134695
Ion Ratio Lower Upper
200 100
173 26.7 6.6 46.6
215 48.4 26.7 66.7

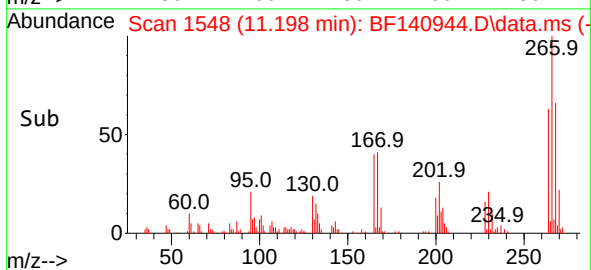
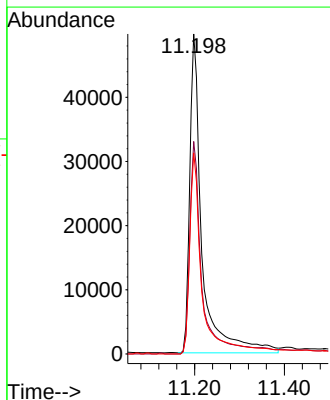
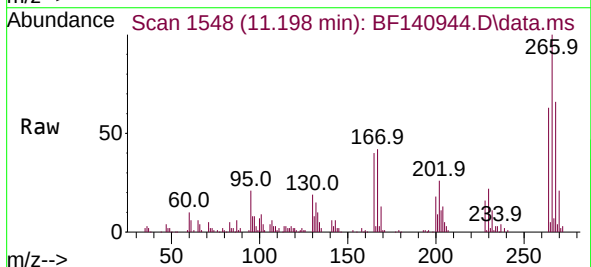
Manual Integrations
APPROVED

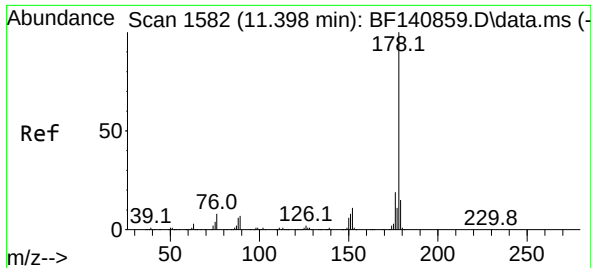
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#70
Pentachlorophenol
Concen: 85.812 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.012 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

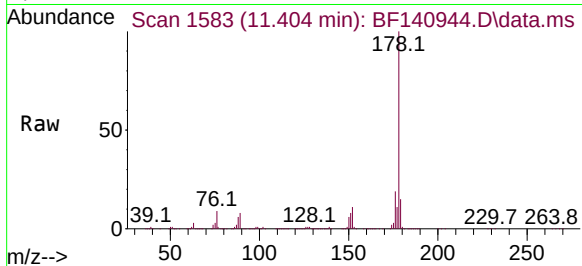
Tgt Ion:266 Resp: 94695
Ion Ratio Lower Upper
266 100
268 66.4 54.0 81.0
264 62.9 49.4 74.2





#71
Phenanthrene
Concen: 57.320 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

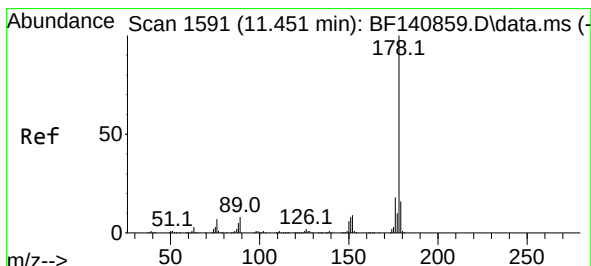
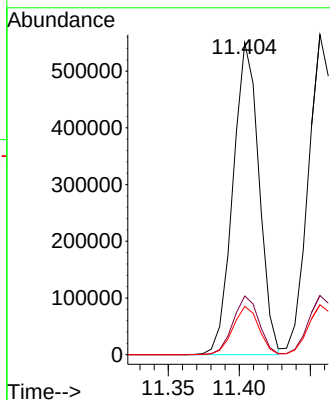
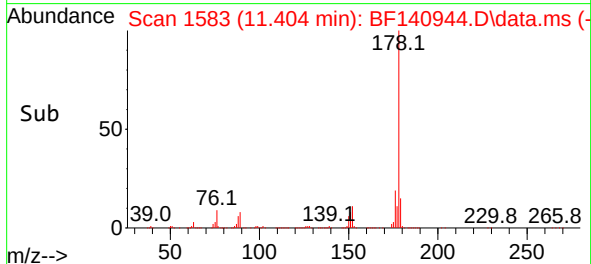
Instrument :
BNA_F
ClientSampleId :
PB165705BS



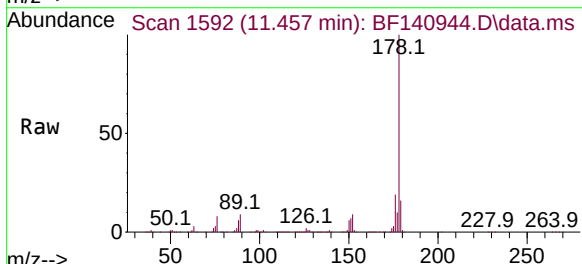
Tgt Ion:178 Resp: 70142
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.5 12.1 18.1

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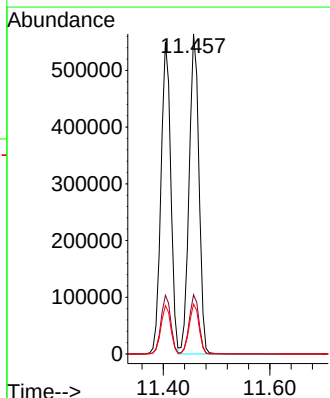
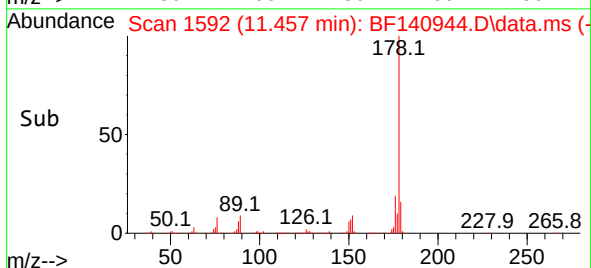
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

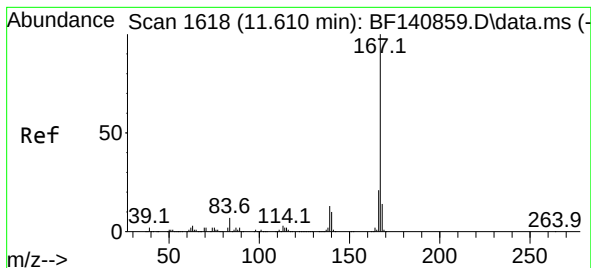


#72
Anthracene
Concen: 60.212 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:178 Resp: 725617
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.6 12.6 18.8





#73

Carbazole

Concen: 57.096 ng

RT: 11.616 min Scan# 1618

Delta R.T. 0.006 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

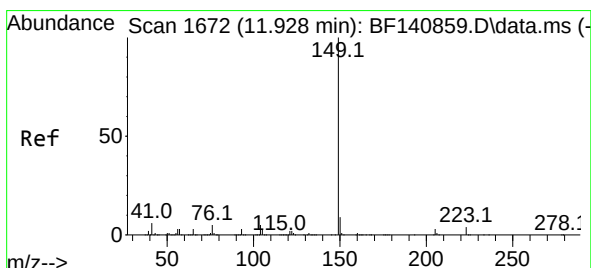
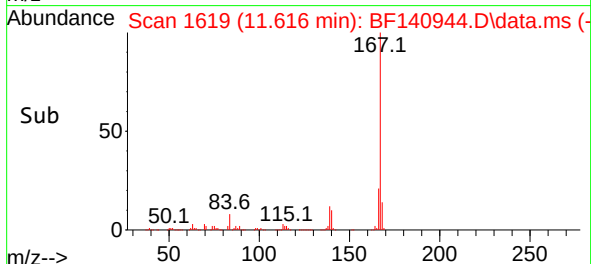
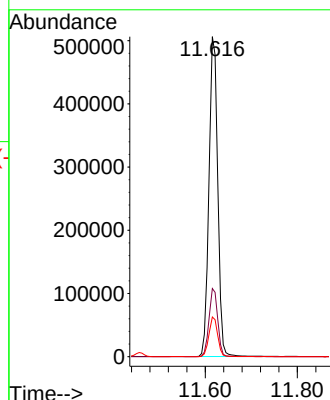
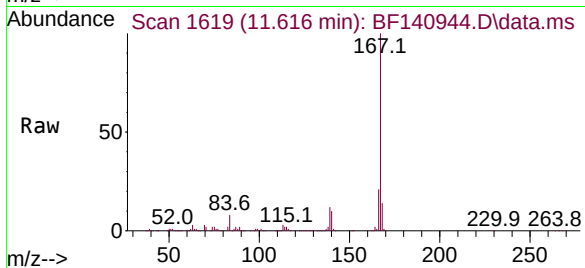
PB165705BS

Tgt Ion:167	Resp: 67394
Ion Ratio	Lower Upper
167 100	
166 21.3	17.0 25.6
139 12.4	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: 55.119 ng

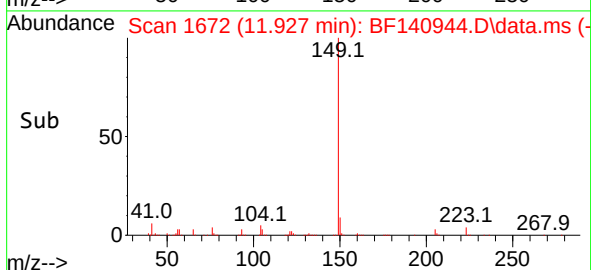
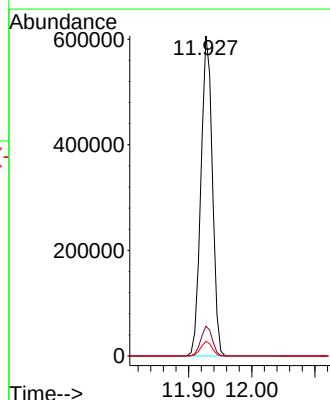
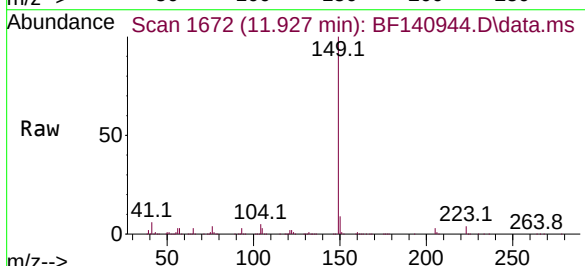
RT: 11.927 min Scan# 1672

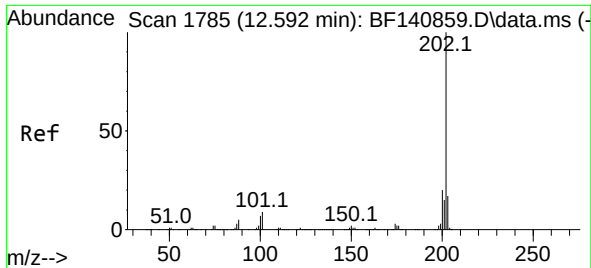
Delta R.T. -0.000 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

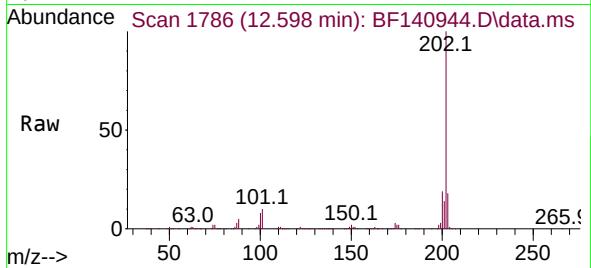
Tgt Ion:149	Resp: 763567
Ion Ratio	Lower Upper
149 100	
150 9.3	7.5 11.3
104 4.6	3.8 5.8





#75
Fluoranthene
Concen: 55.813 ng
RT: 12.598 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

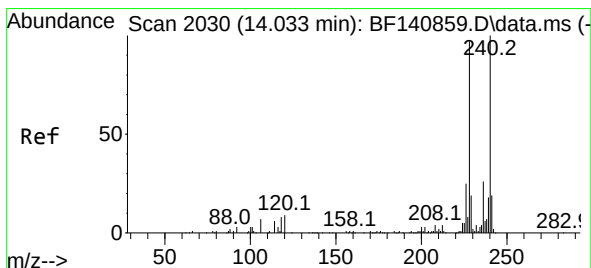
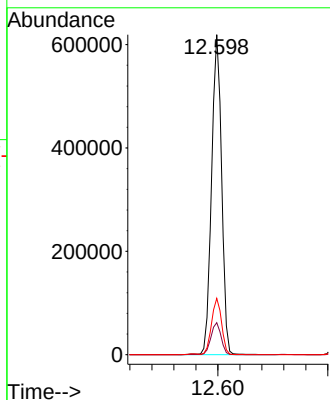
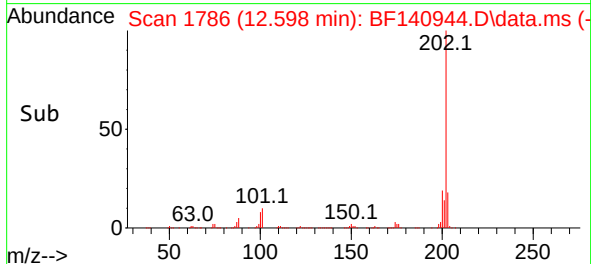
Instrument :
BNA_F
ClientSampleId :
PB165705BS



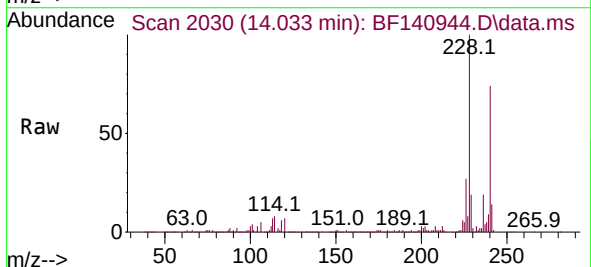
Tgt Ion:202 Resp: 786570
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.3
203 17.6 0.0 37.4

Manual Integrations
APPROVED

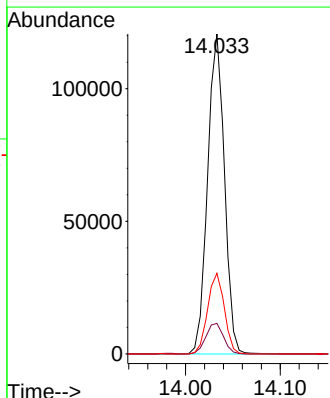
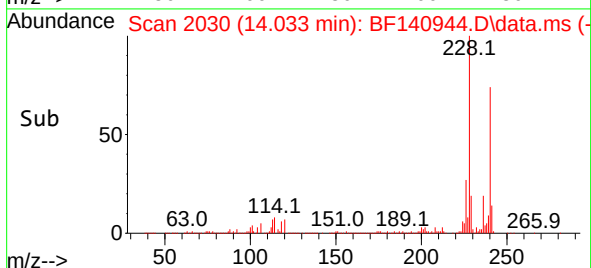
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

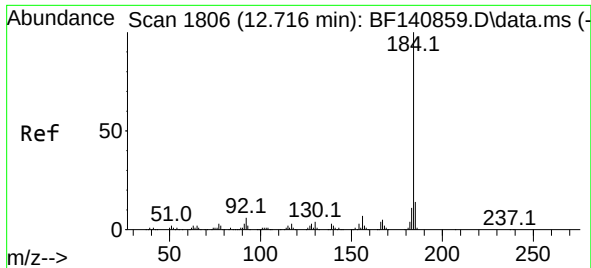


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



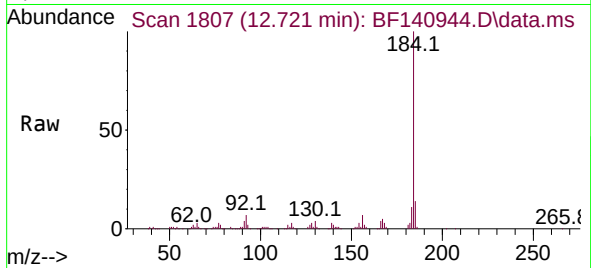
Tgt Ion:240 Resp: 149220
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.2 20.5 30.7





#77
Benzidine
Concen: 51.217 ng
RT: 12.721 min Scan# 1807
Delta R.T. 0.005 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

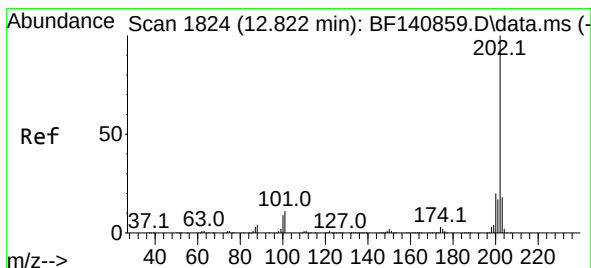
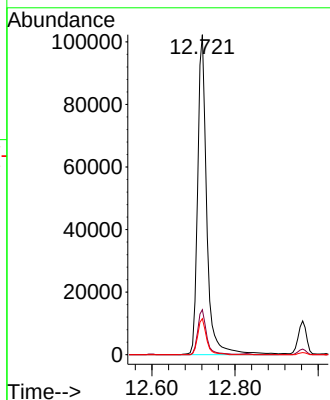
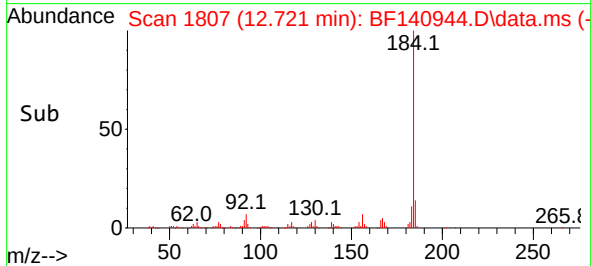
Instrument :
BNA_F
ClientSampleId :
PB165705BS



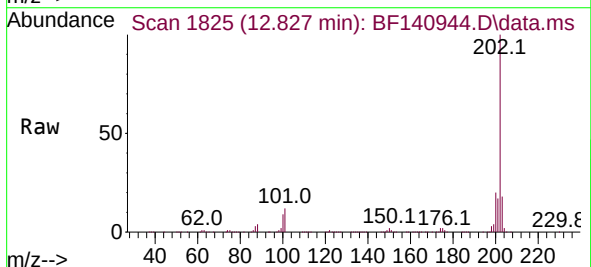
Tgt Ion:184 Resp: 15598
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 11.2 9.0 13.4

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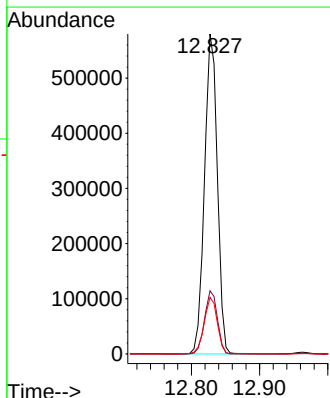
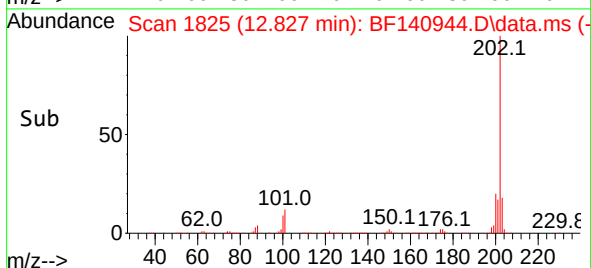
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

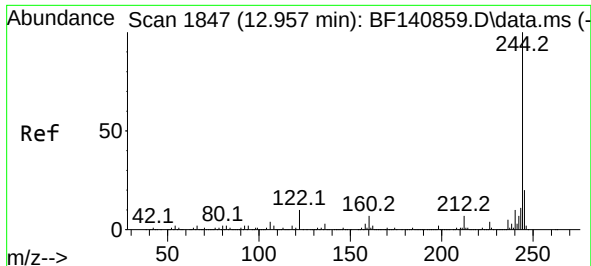


#78
Pyrene
Concen: 57.177 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:202 Resp: 758712
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.7 14.2 21.4





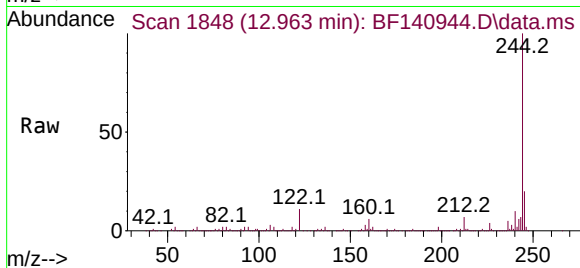
#79
 Terphenyl-d14
 Concen: 120.524 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140944.D
 Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

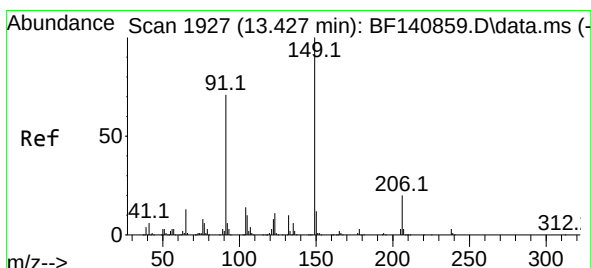
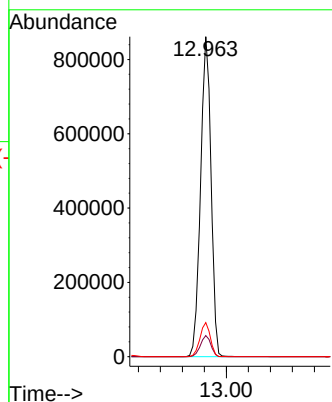
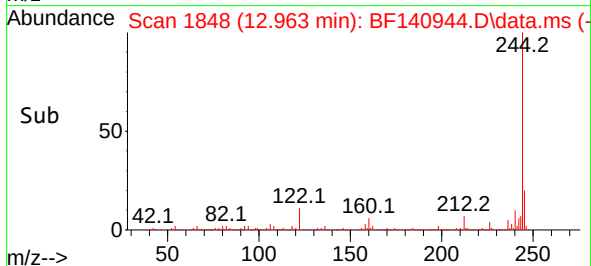


Tgt Ion:244 Resp: 1140520
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.6 8.2 12.2

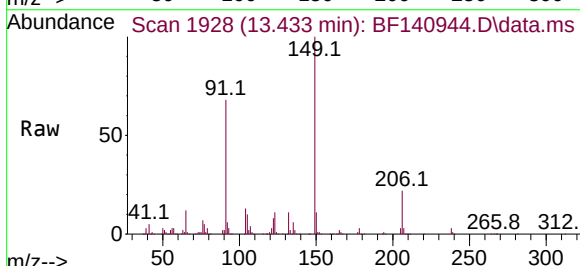
Manual Integrations

APPROVED

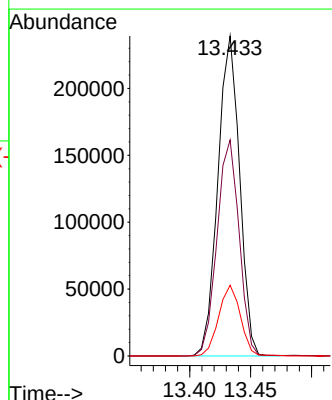
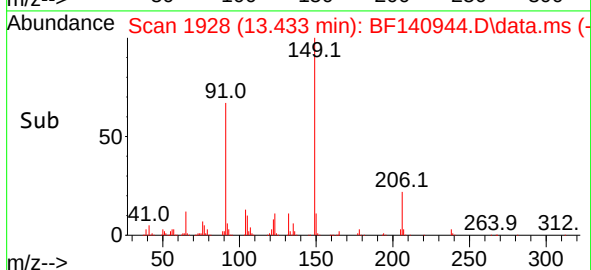
Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

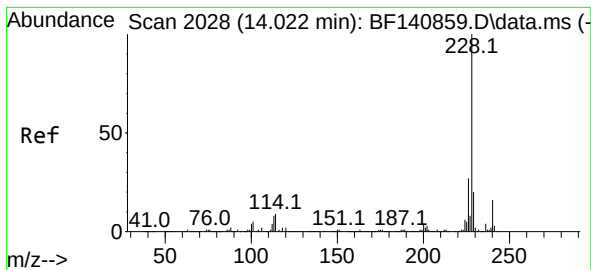


#80
 Butylbenzylphthalate
 Concen: 60.922 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: BF140944.D
 Acq: 20 Dec 2024 12:07



Tgt Ion:149 Resp: 297455
 Ion Ratio Lower Upper
 149 100
 91 67.5 56.7 85.1
 206 22.1 16.4 24.6





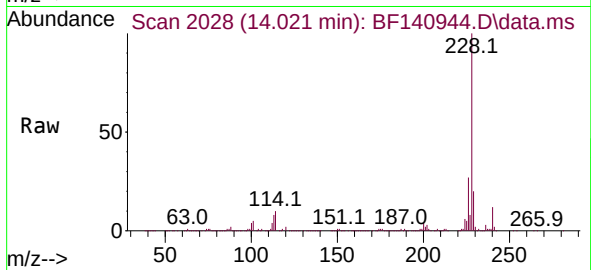
#81
Benzo(a)anthracene
Concen: 52.753 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

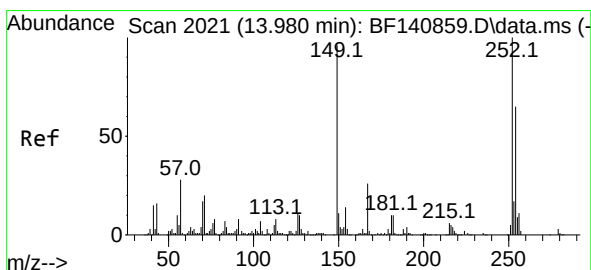
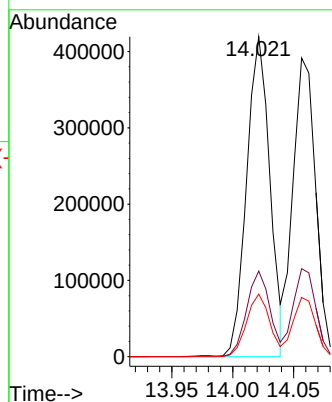
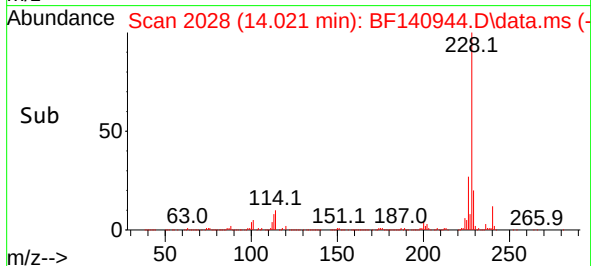


Tgt Ion:228 Resp: 55790
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.6 15.8 23.8

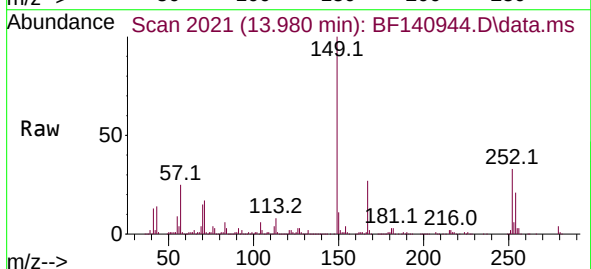
Manual Integrations

APPROVED

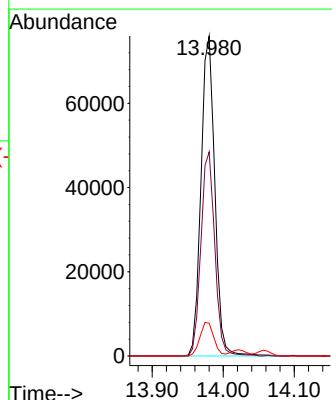
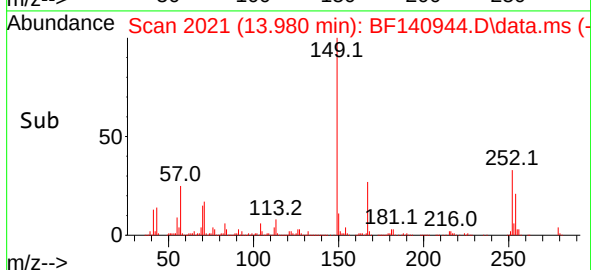
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

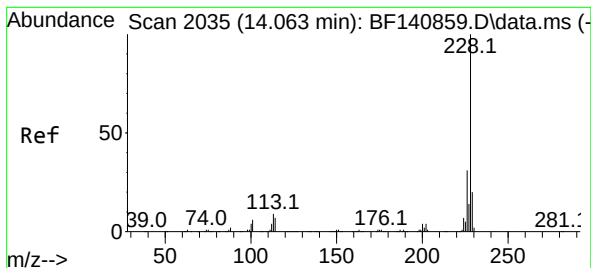


#82
3,3'-Dichlorobenzidine
Concen: 32.279 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:252 Resp: 102996
Ion Ratio Lower Upper
252 100
254 63.8 52.3 78.5
126 10.3 8.4 12.6





#83

Chrysene

Concen: 52.875 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

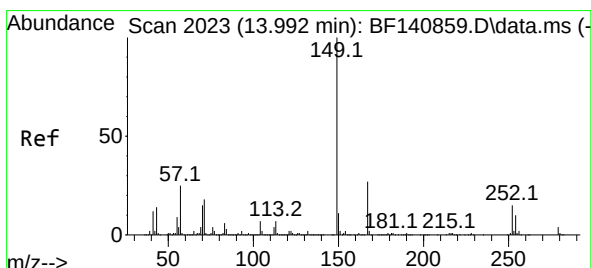
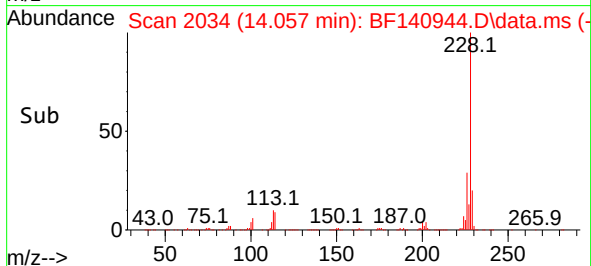
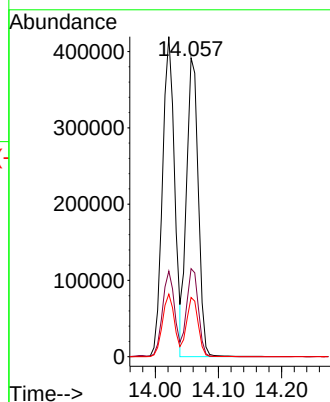
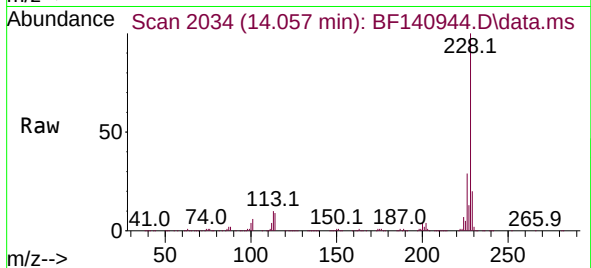
PB165705BS

Tgt Ion:	228	Resp:	508492
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.1	36.1
229	19.8	16.0	24.0

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.941 ng

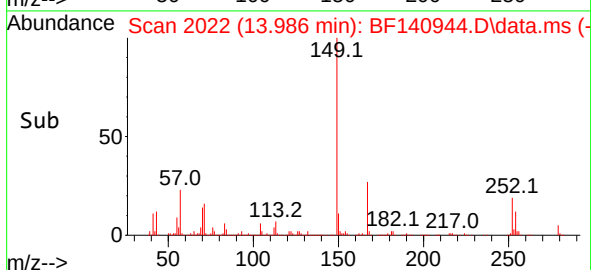
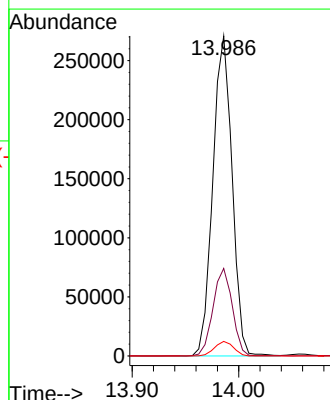
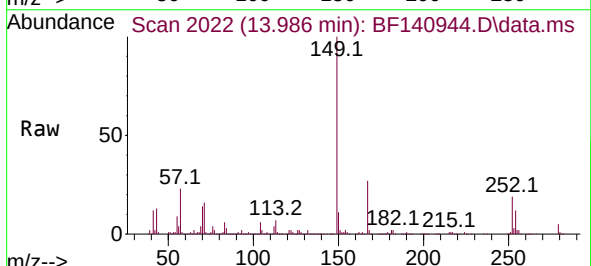
RT: 13.986 min Scan# 2022

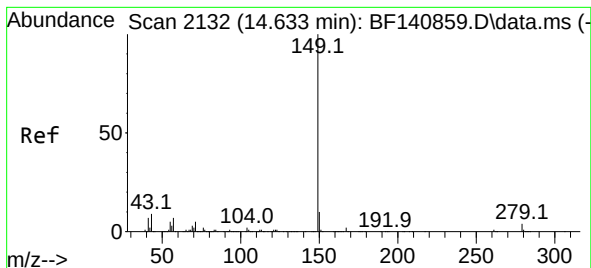
Delta R.T. -0.006 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Tgt Ion:	149	Resp:	339592
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.8	32.8
279	4.6	3.5	5.3





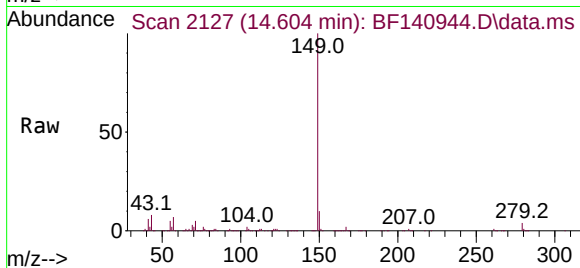
#85
Di-n-octyl phthalate
Concen: 47.866 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.030 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

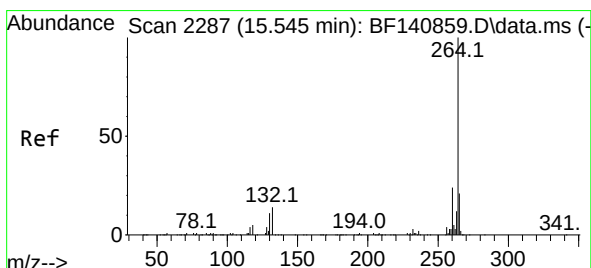
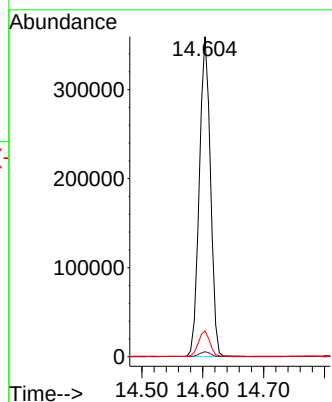
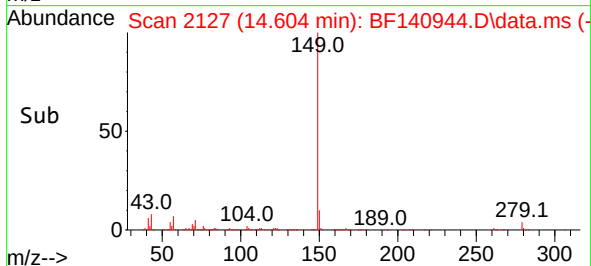


Tgt Ion:149 Resp: 455909
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 7.0 10.6

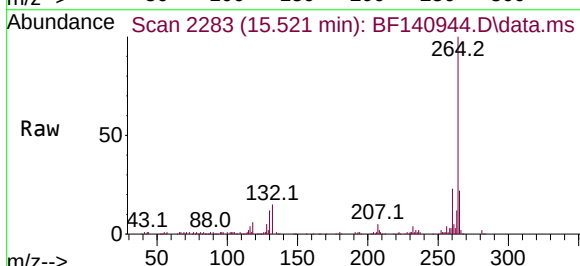
Manual Integrations

APPROVED

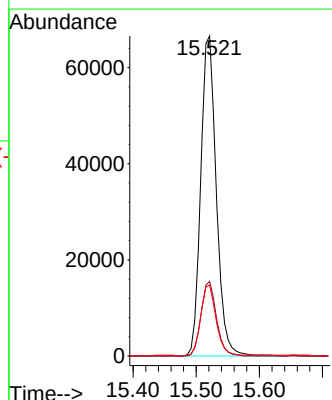
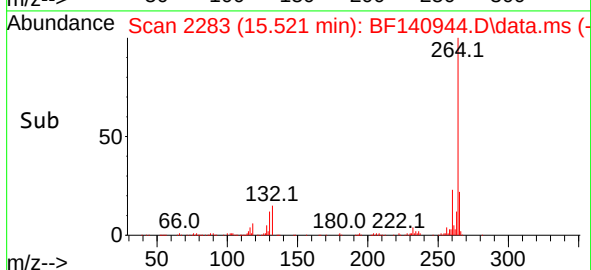
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

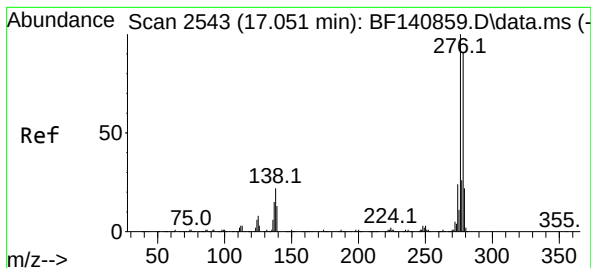


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.024 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07



Tgt Ion:264 Resp: 113763
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 65.266 ng

RT: 17.039 min Scan# 2109

Delta R.T. -0.012 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

Tgt Ion:276 Resp: 463330

Ion Ratio Lower Upper

276 100

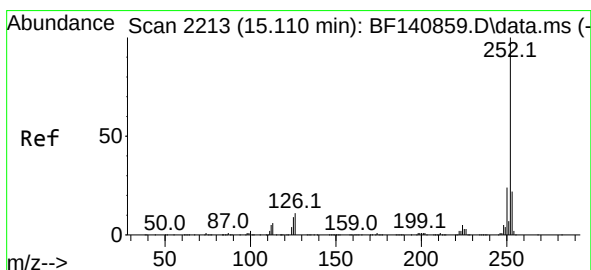
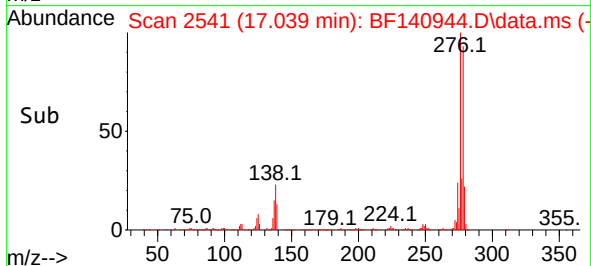
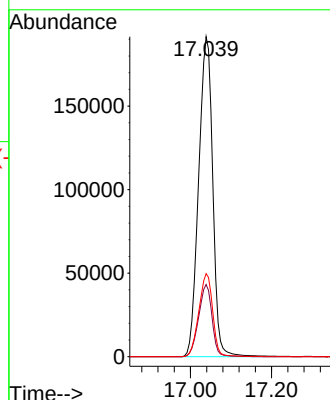
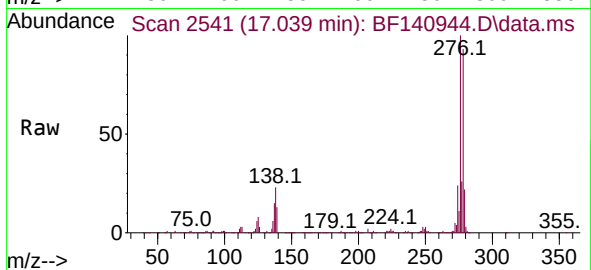
138 21.5 16.9 25.3

277 25.4 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: 52.828 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.024 min

Lab File: BF140944.D

Acq: 20 Dec 2024 12:07

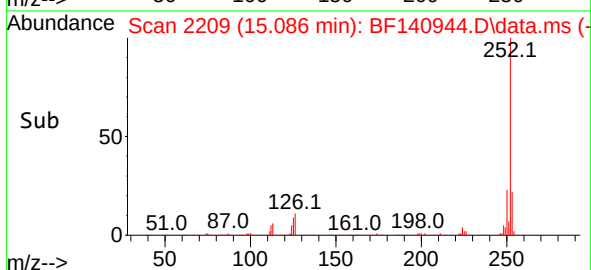
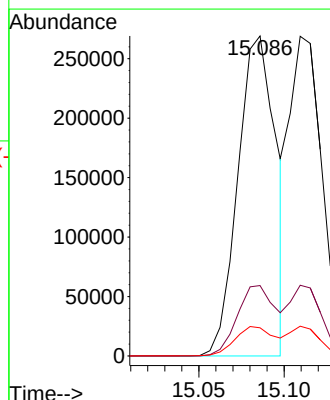
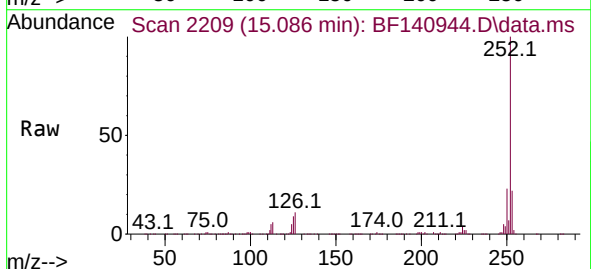
Tgt Ion:252 Resp: 417172

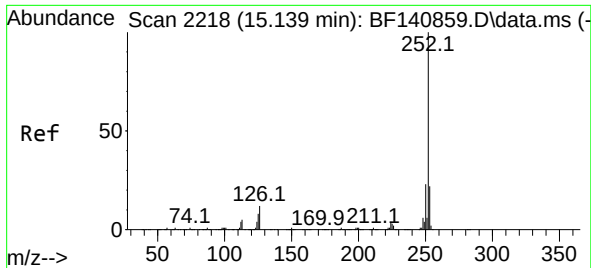
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.8 7.0 10.4





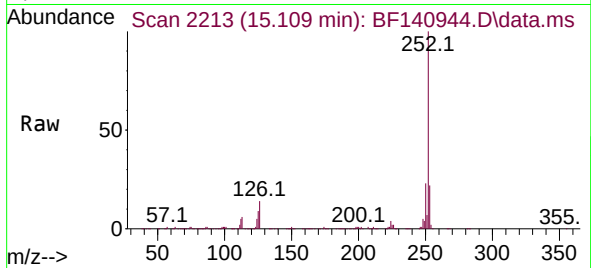
#89
Benzo(k)fluoranthene
Concen: 53.216 ng
RT: 15.109 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB165705BS

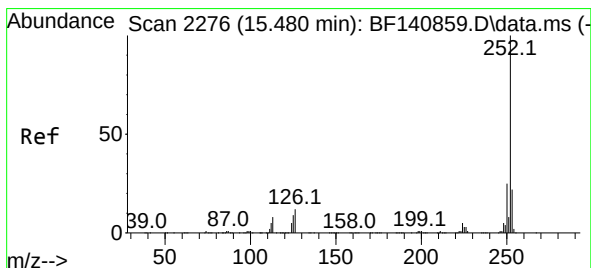
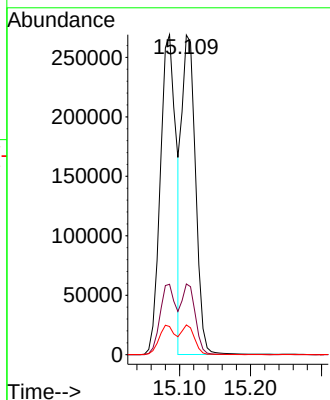
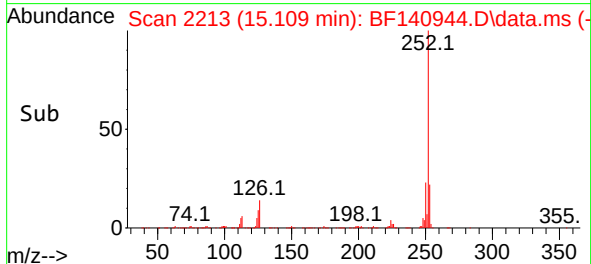


Tgt Ion:252 Resp: 36048
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.3 6.8 10.2

Manual Integrations

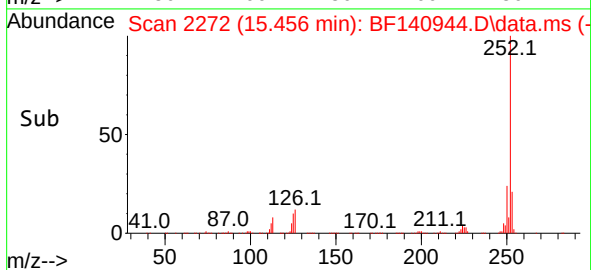
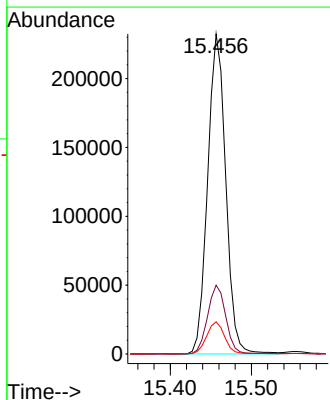
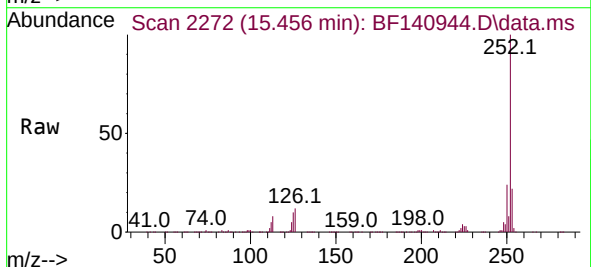
APPROVED

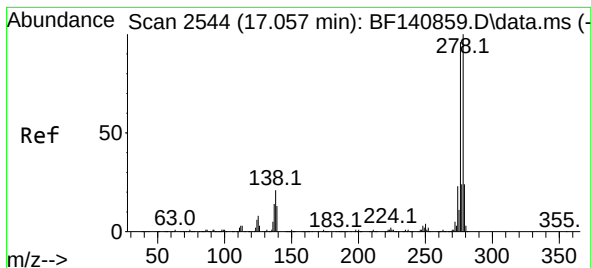
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#90
Benzo(a)pyrene
Concen: 58.181 ng
RT: 15.456 min Scan# 2272
Delta R.T. -0.024 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion:252 Resp: 359761
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.0 7.5 11.3





#91
Dibenzo(a,h)anthracene
Concen: 64.223 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Instrument :

BNA_F

ClientSampleId :

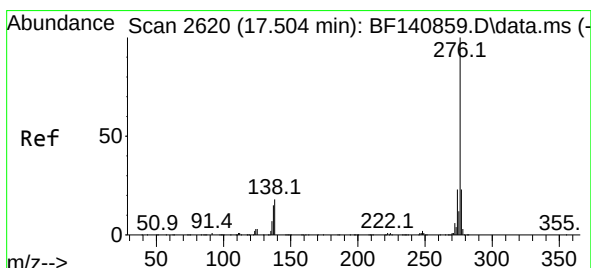
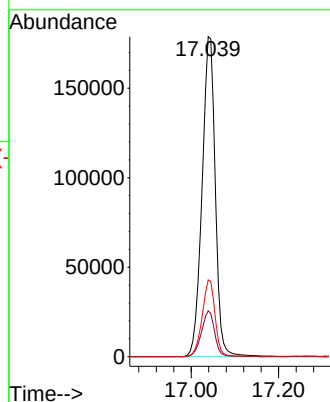
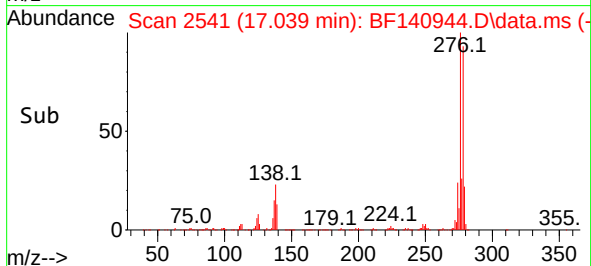
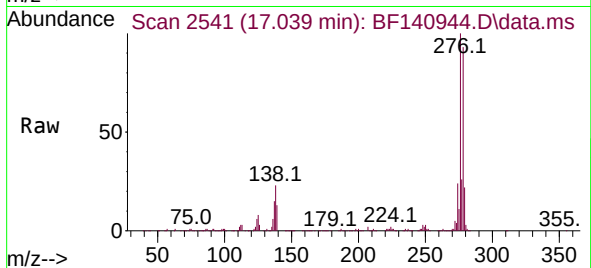
PB165705BS

Tgt Ion:278 Resp: 377710
Ion Ratio Lower Upper
278 100
139 14.4 10.6 16.0
279 24.0 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: 63.386 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF140944.D
Acq: 20 Dec 2024 12:07

Tgt Ion:276 Resp: 379421
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 19.2 14.2 21.2

