

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140835.D
 Acq On : 11 Dec 2024 17:54
 Operator : RC/JU
 Sample : P5239-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 12 00:05:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	67988	20.000	ng	-0.02
21) Naphthalene-d8	8.140	136	253674	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	144345	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	275270	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	146409	20.000	ng	0.00
86) Perylene-d12	15.551	264	150652	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	395727	99.311	ng	0.00
7) Phenol-d6	6.510	99	536870	101.913	ng	0.00
23) Nitrobenzene-d5	7.428	82	345662	69.699	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	173632	112.472	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	642517	66.321	ng	-0.02
79) Terphenyl-d14	12.975	244	621446	66.094	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	74672	44.570	ng	98
3) Pyridine	3.481	79	187054	50.744	ng	99
4) n-Nitrosodimethylamine	3.410	42	98526	45.477	ng	96
6) Aniline	6.528	93	211036	56.916	ng	# 72
8) 2-Chlorophenol	6.657	128	231191	53.929	ng	95
9) Benzaldehyde	6.416	77	59553	21.355	ng	99
10) Phenol	6.528	94	290991	54.089	ng	91
11) bis(2-Chloroethyl)ether	6.593	93	216715	52.641	ng	100
12) 1,3-Dichlorobenzene	6.798	146	244753	50.810	ng	99
13) 1,4-Dichlorobenzene	6.875	146	249866	51.229	ng	99
14) 1,2-Dichlorobenzene	7.028	146	235415	51.509	ng	99
15) Benzyl Alcohol	7.010	79	209709	53.680	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	260091	53.478	ng	# 58
17) 2-Methylphenol	7.128	107	177538	51.735	ng	93
18) Hexachloroethane	7.369	117	90916	49.908	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	162655	52.245	ng	98
20) 3+4-Methylphenols	7.281	107	234248	53.107	ng	# 89
22) Acetophenone	7.275	105	316972	51.253	ng	95
24) Nitrobenzene	7.445	77	249756	48.726	ng	99
25) Isophorone	7.687	82	440551	53.259	ng	100
26) 2-Nitrophenol	7.763	139	122568	53.960	ng	97
27) 2,4-Dimethylphenol	7.804	122	181346m	66.726	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	266636	52.912	ng	99
29) 2,4-Dichlorophenol	8.010	162	193809	53.817	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	206051	50.112	ng	100
31) Naphthalene	8.163	128	677704	51.866	ng	99
32) Benzoic acid	7.951	122	131323	54.399	ng	98
33) 4-Chloroaniline	8.222	127	100808	25.768	ng	97
34) Hexachlorobutadiene	8.275	225	139592	51.255	ng	99
35) Caprolactam	8.604	113	60455m	54.245	ng	
36) 4-Chloro-3-methylphenol	8.716	107	214546	53.210	ng	99
37) 2-Methylnaphthalene	8.857	142	449344	54.143	ng	100
38) 1-Methylnaphthalene	8.957	142	414203	50.917	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	223712	52.941	ng	99
41) Hexachlorocyclopentadiene	9.004	237	98134	101.191	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	133179	50.226	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	141819	49.282	ng	98
46) 1,1'-Biphenyl	9.316	154	564468	52.377	ng	100
47) 2-Chloronaphthalene	9.345	162	419074	51.320	ng	99
48) 2-Nitroaniline	9.451	65	133552	50.953	ng	96
49) Acenaphthylene	9.763	152	683942	55.433	ng	99
50) Dimethylphthalate	9.622	163	517747	54.463	ng	99
51) 2,6-Dinitrotoluene	9.692	165	110449	51.228	ng	95
52) Acenaphthene	9.934	154	414614	52.887	ng	100
53) 3-Nitroaniline	9.869	138	75849	35.970	ng	96
54) 2,4-Dinitrophenol	9.986	184	100637	89.137	ng	95
55) Dibenzofuran	10.110	168	635893	53.178	ng	99
56) 4-Nitrophenol	10.051	139	111418	77.475	ng	94
57) 2,4-Dinitrotoluene	10.104	165	150614	52.563	ng	# 93
58) Fluorene	10.451	166	506348	52.754	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	126531	57.211	ng	94
60) Diethylphthalate	10.322	149	530373	54.911	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	255336	54.207	ng	97
62) 4-Nitroaniline	10.486	138	113699	51.410	ng	97
63) Azobenzene	10.598	77	542523	59.313	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	81942	58.254	ng	97
66) n-Nitrosodiphenylamine	10.563	169	440378	54.098	ng	99
67) 4-Bromophenyl-phenylether	10.928	248	152313	53.729	ng	98
68) Hexachlorobenzene	11.004	284	172648	52.597	ng	99
69) Atrazine	11.092	200	148438	64.818	ng	99
70) Pentachlorophenol	11.210	266	126988	87.899	ng	99
71) Phenanthrene	11.416	178	713761	53.942	ng	100
72) Anthracene	11.469	178	736507	56.902	ng	99
73) Carbazole	11.628	167	652667	52.416	ng	100
74) Di-n-butylphthalate	11.945	149	823837	57.309	ng	99
75) Fluoranthene	12.610	202	713125	49.638	ng	100
77) Benzidine	12.733	184	216045	50.753	ng	100
78) Pyrene	12.839	202	718109	53.047	ng	99
80) Butylbenzylphthalate	13.451	149	275341	56.461	ng	100
81) Benzo(a)anthracene	14.039	228	537310	55.440	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	112669	38.720	ng	98
83) Chrysene	14.074	228	479767	54.138	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	360238	58.501	ng	99
85) Di-n-octyl phthalate	14.639	149	559727	66.512	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	582740	59.355	ng	98
88) Benzo(b)fluoranthene	15.116	252	491364	51.927	ng	99
89) Benzo(k)fluoranthene	15.145	252	471429	56.931	ng	99
90) Benzo(a)pyrene	15.492	252	452601	58.826	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	482233	59.976	ng	99
92) Benzo(g,h,i)perylene	17.533	276	416651	50.781	ng	98

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

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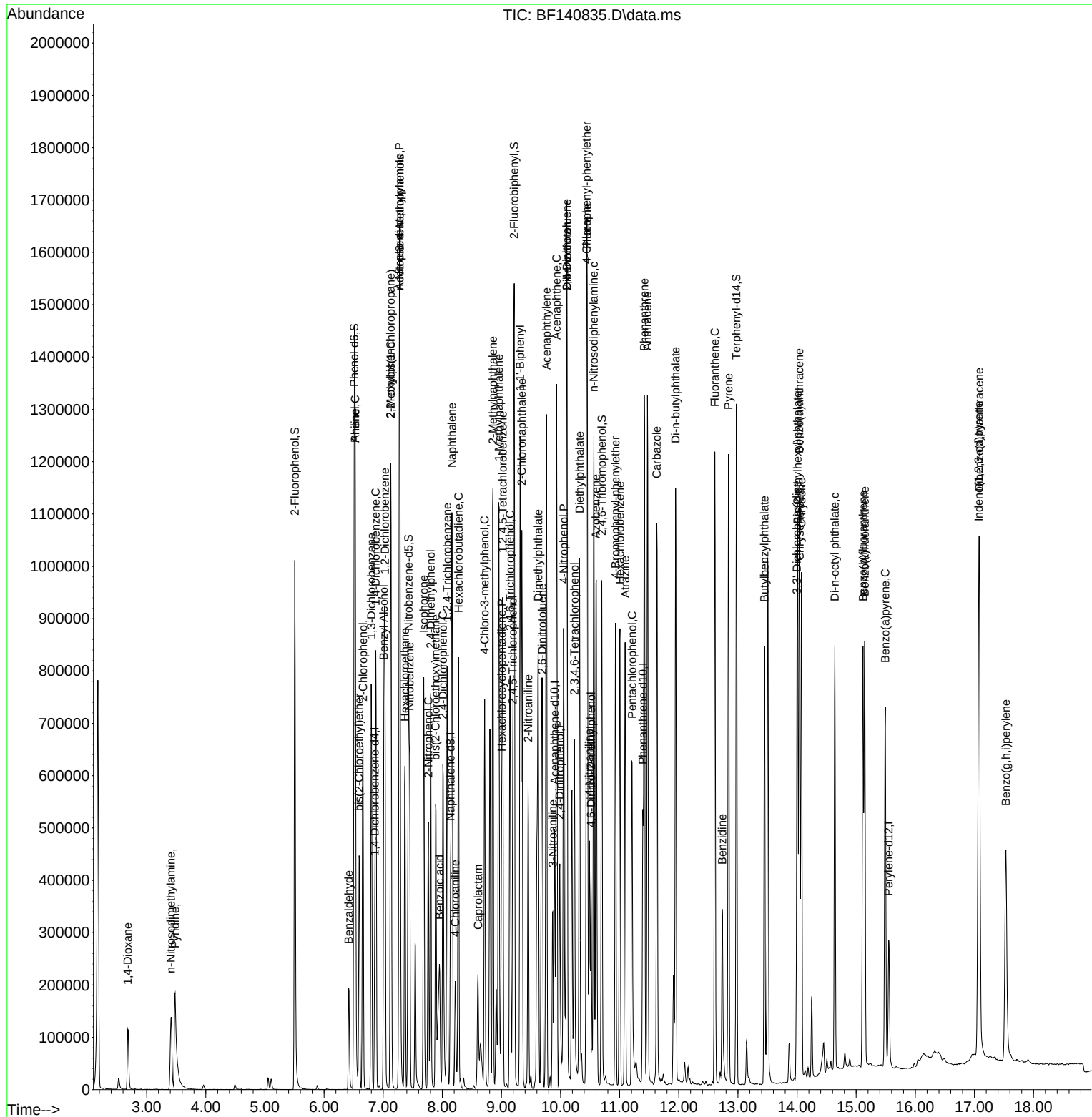
Quant Time: Dec 12 00:05:12 2024

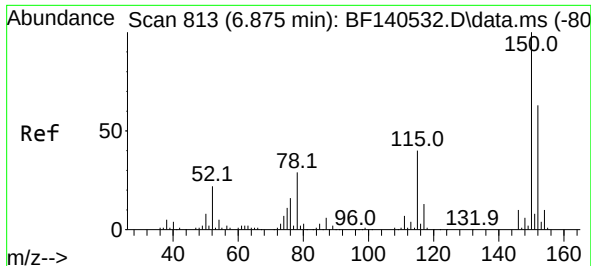
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

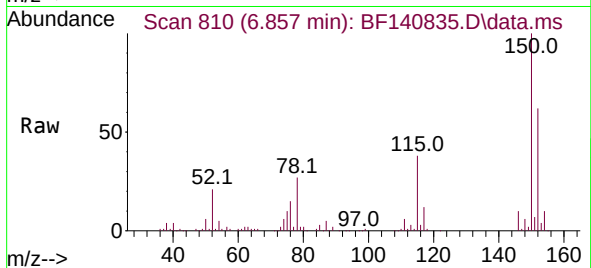
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF140835.D
 Acq: 11 Dec 2024 17:54

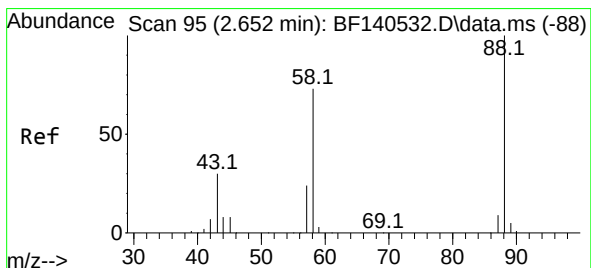
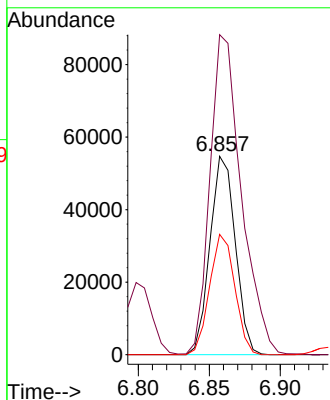
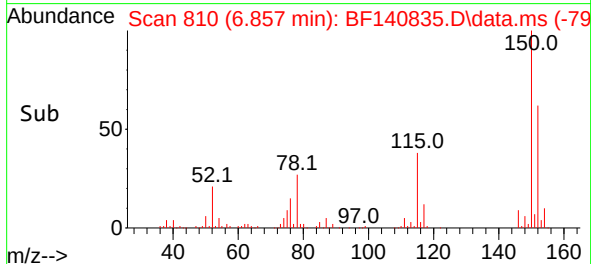
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD



Tgt Ion:152 Resp: 6798
 Ion Ratio Lower Upper
 152 100
 150 161.2 128.5 192.7
 115 60.7 50.2 75.4

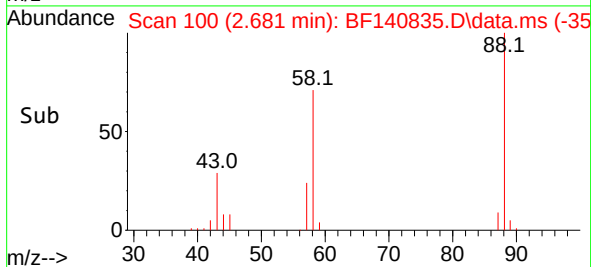
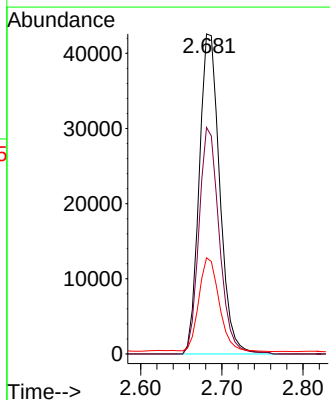
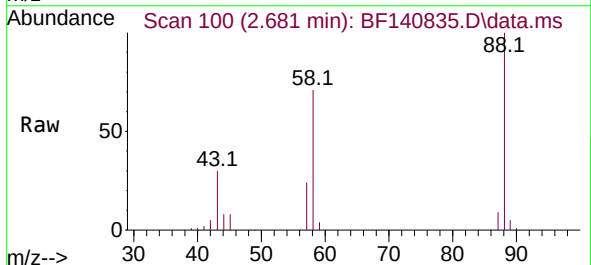
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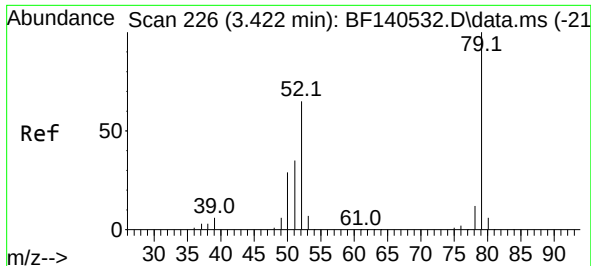
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024



#2
 1,4-Dioxane
 Concen: 44.570 ng
 RT: 2.681 min Scan# 100
 Delta R.T. 0.030 min
 Lab File: BF140835.D
 Acq: 11 Dec 2024 17:54

Tgt Ion: 88 Resp: 74672
 Ion Ratio Lower Upper
 88 100
 58 70.1 57.4 86.2
 43 29.2 24.3 36.5





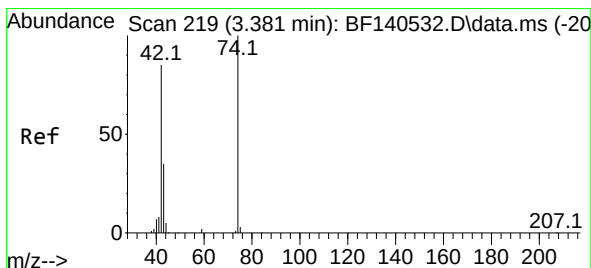
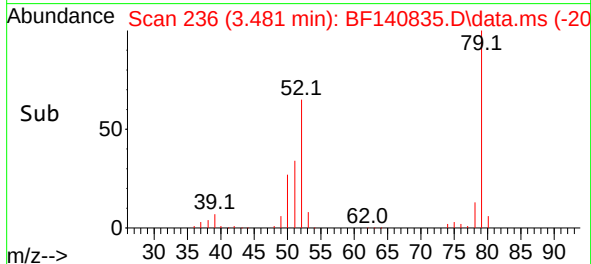
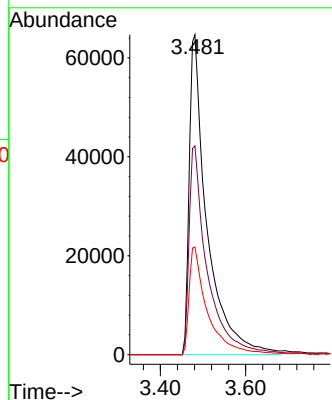
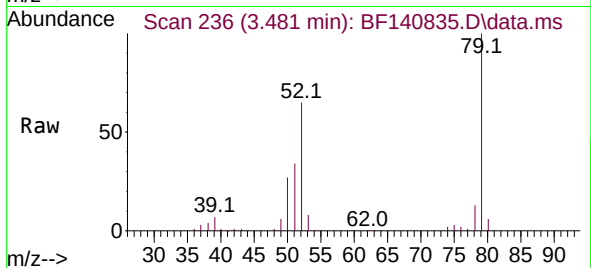
#3
Pyridine
Concen: 50.744 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 79 Resp: 187054
Ion Ratio Lower Upper
79 100
52 65.3 52.1 78.1
51 33.6 27.8 41.8

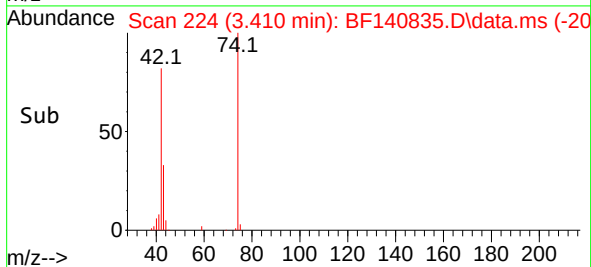
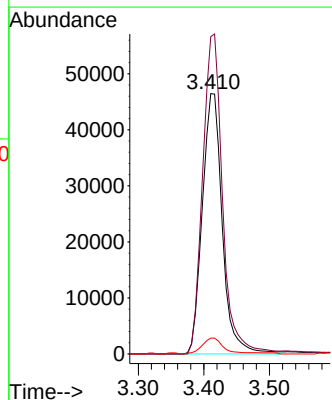
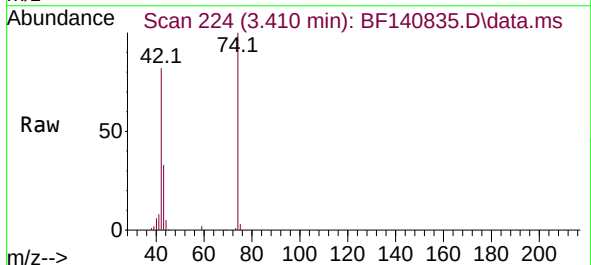
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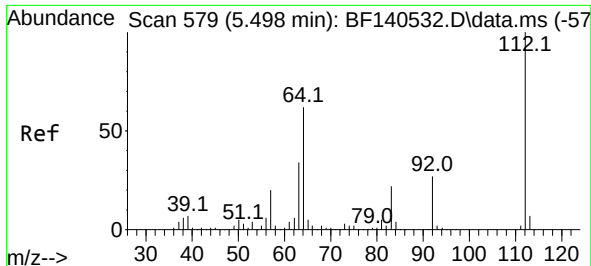
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#4
n-Nitrosodimethylamine
Concen: 45.477 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.030 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 42 Resp: 98526
Ion Ratio Lower Upper
42 100
74 121.9 93.8 140.6
44 6.1 4.6 6.8





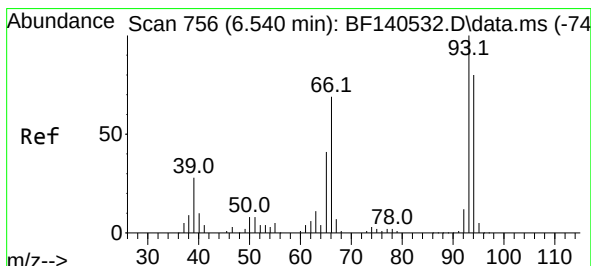
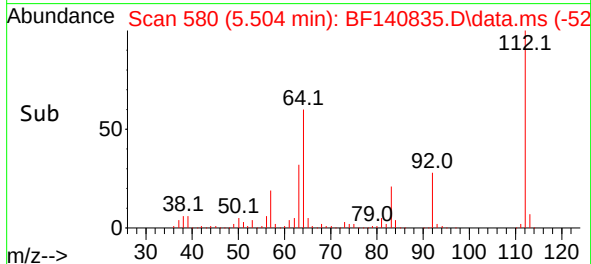
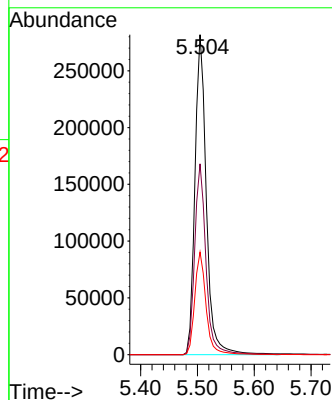
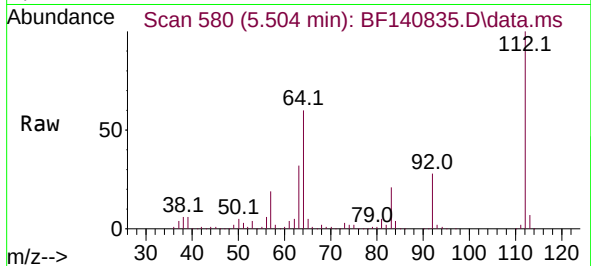
#5
2-Fluorophenol
Concen: 99.311 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:112 Resp: 39572
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 32.1 27.0 40.4

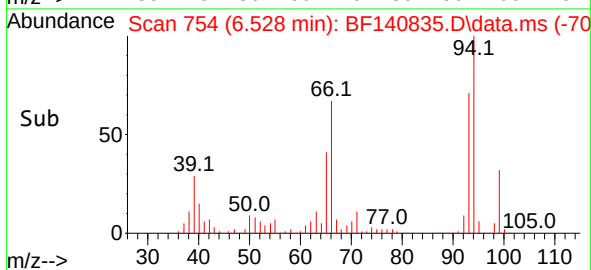
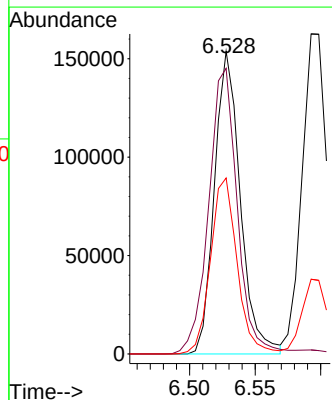
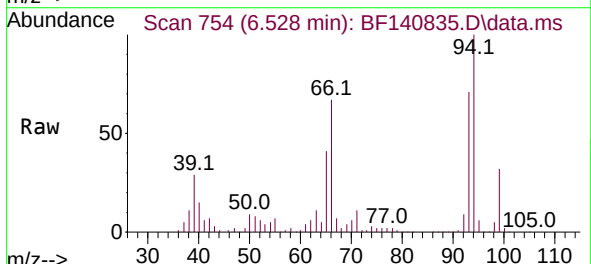
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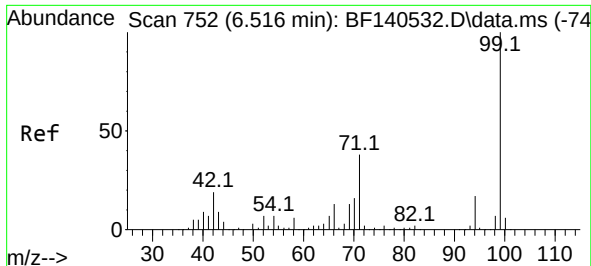
Reviewed By :Yogesh Patel 12/12/2024
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#6
Aniline
Concen: 56.916 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

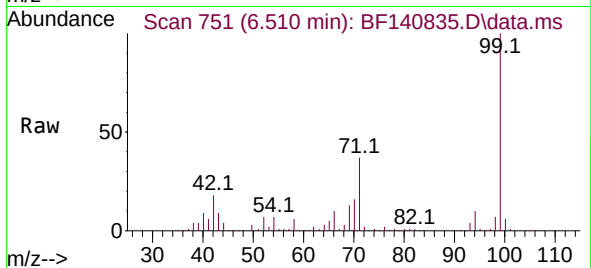
Tgt Ion: 93 Resp: 211036
Ion Ratio Lower Upper
93 100
66 94.3 56.5 84.7#
65 58.1 32.9 49.3#





#7
Phenol-d6
Concen: 101.913 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

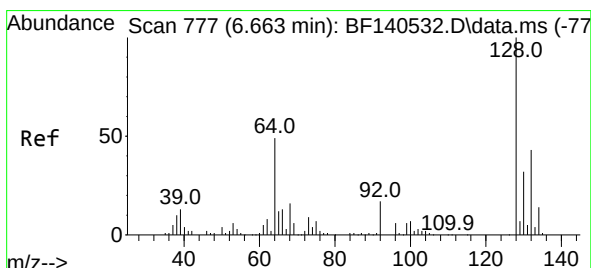
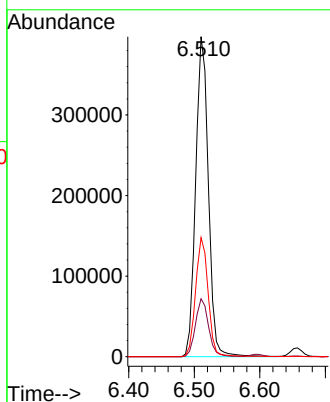
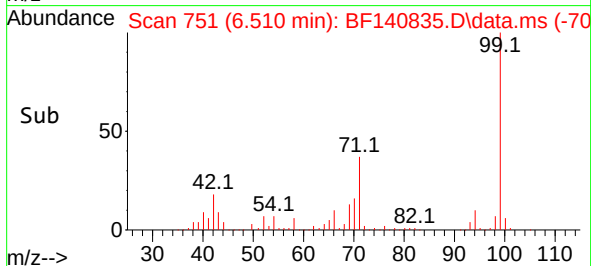
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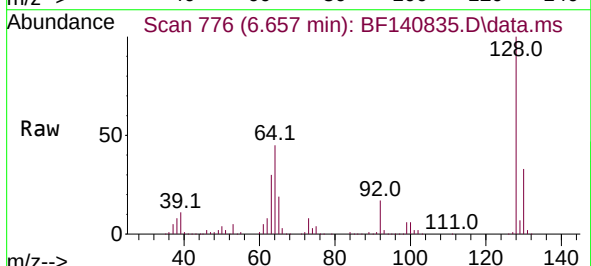
Tgt Ion: 99 Resp: 536870
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 37.2 30.6 46.0

Manual Integrations
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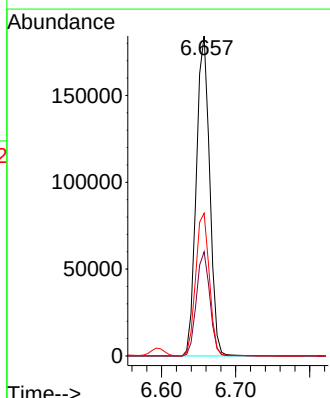
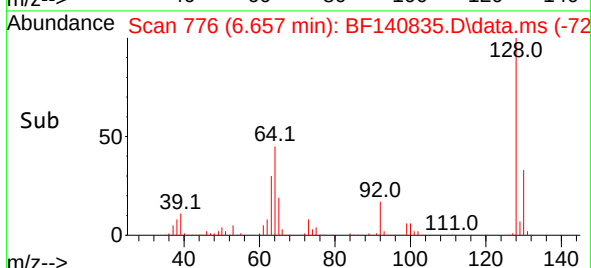
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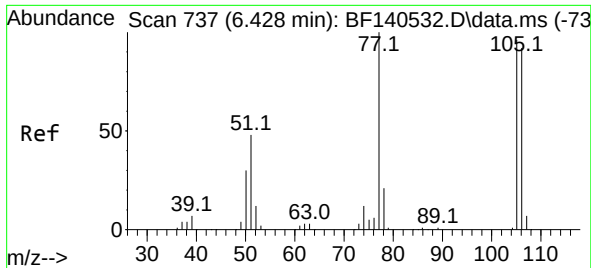


#8
2-Chlorophenol
Concen: 53.929 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



Tgt Ion:128 Resp: 231191
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 44.6 30.2 70.2





#9

Benzaldehyde

Concen: 21.355 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

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BNA_F

ClientSampleId :

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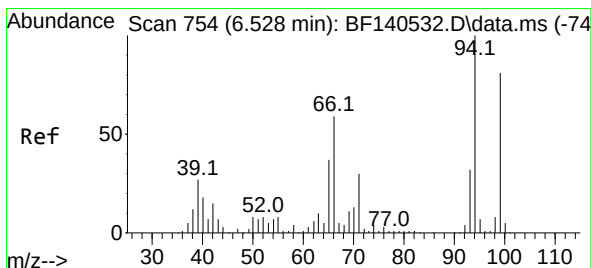
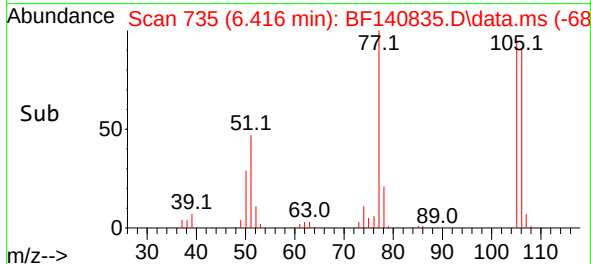
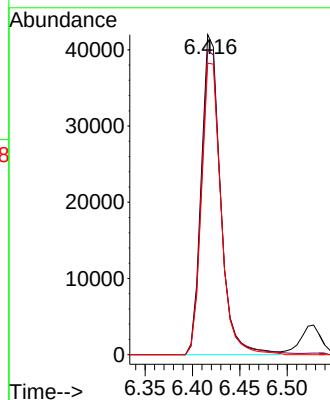
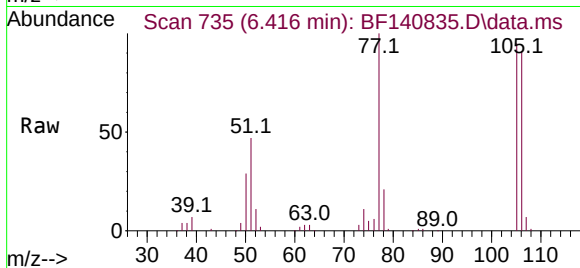
Tgt Ion: 77	Resp: 5955
Ion Ratio	Lower Upper
77 100	
105 95.2	75.6 115.6
106 91.1	72.0 112.0

Manual Integrations

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#10

Phenol

Concen: 54.089 ng

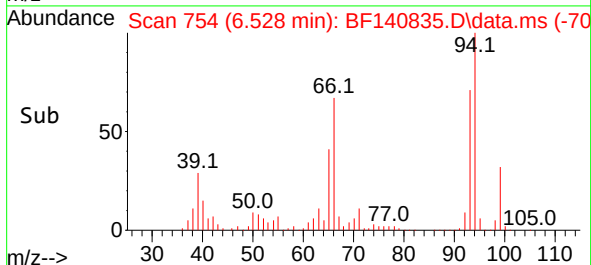
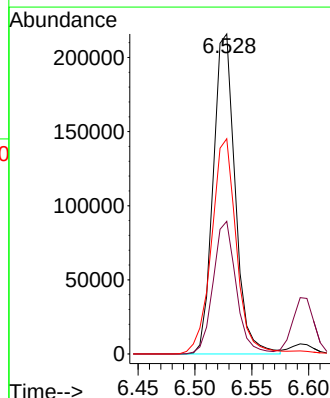
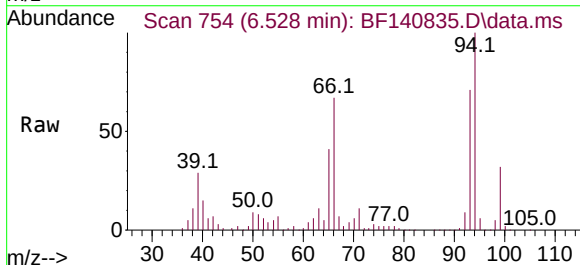
RT: 6.528 min Scan# 754

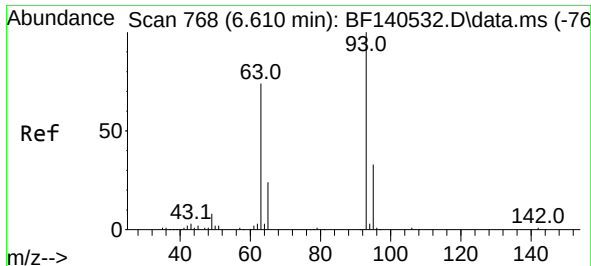
Delta R.T. 0.000 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Tgt Ion: 94	Resp: 290991
Ion Ratio	Lower Upper
94 100	
65 41.4	17.2 57.2
66 67.2	39.2 79.2





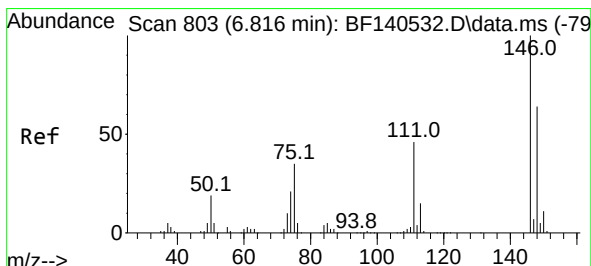
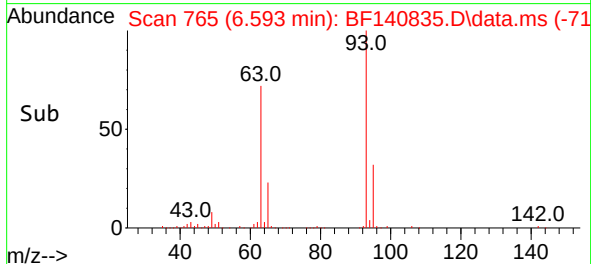
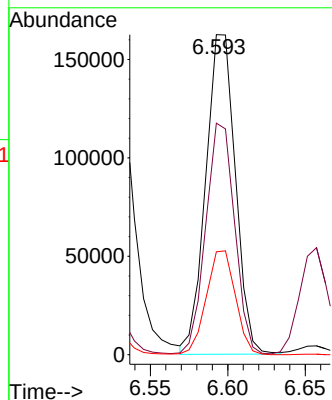
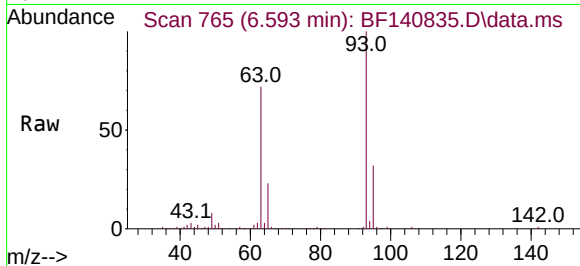
#11
bis(2-Chloroethyl)ether
Concen: 52.641 ng
RT: 6.593 min Scan# 768
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 93 Resp: 216715
Ion Ratio Lower Upper
93 100
63 72.3 52.8 92.8
95 32.1 12.3 52.3

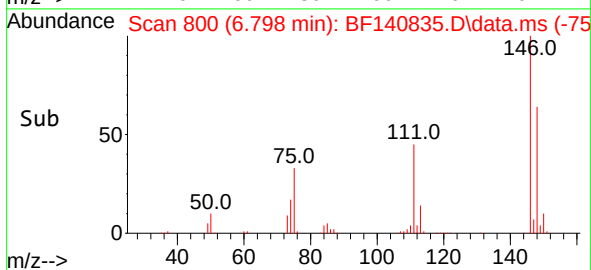
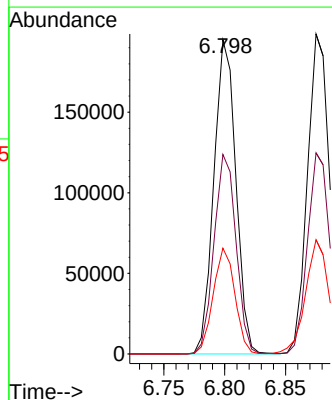
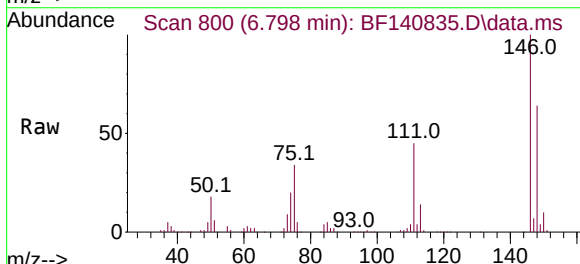
Manual Integrations
APPROVED

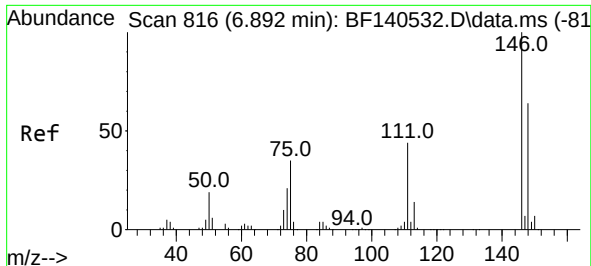
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
1,3-Dichlorobenzene
Concen: 50.810 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.017 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:146 Resp: 244753
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 33.7 28.2 42.2





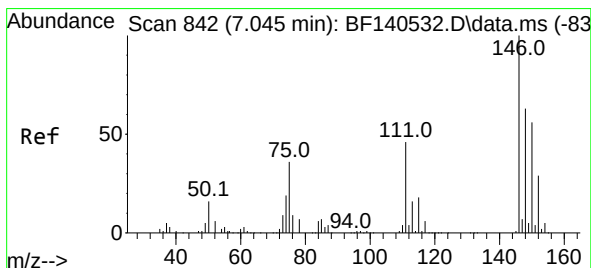
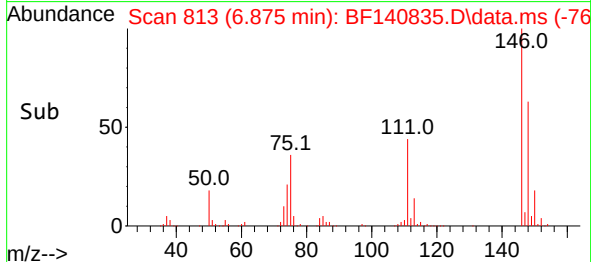
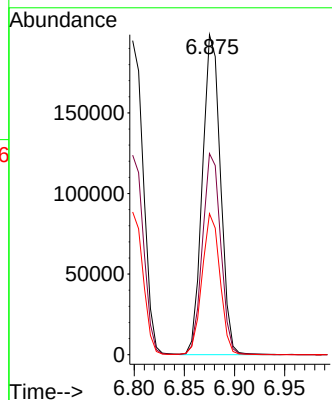
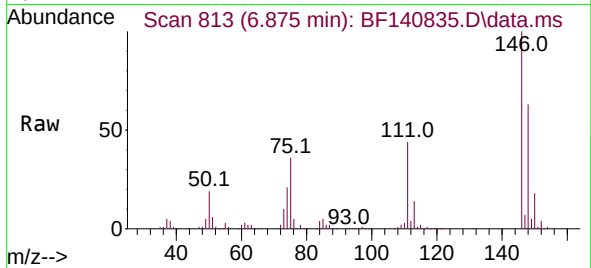
#13
1,4-Dichlorobenzene
Concen: 51.229 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:146 Resp: 249860
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 44.0 35.3 52.9

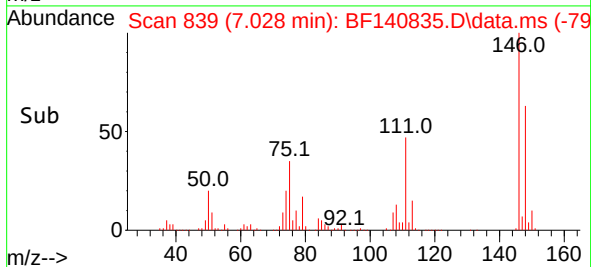
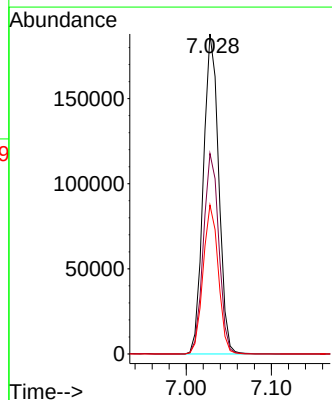
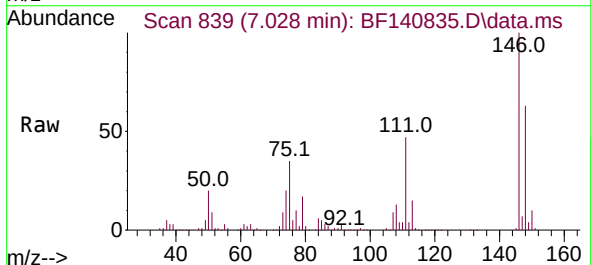
Manual Integrations
APPROVED

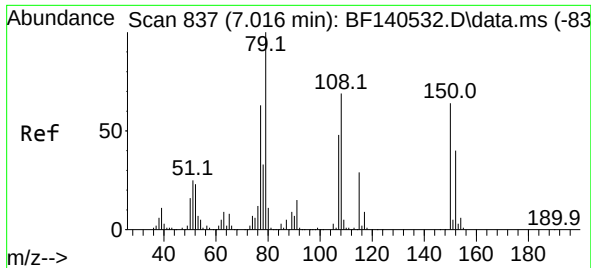
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#14
1,2-Dichlorobenzene
Concen: 51.509 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

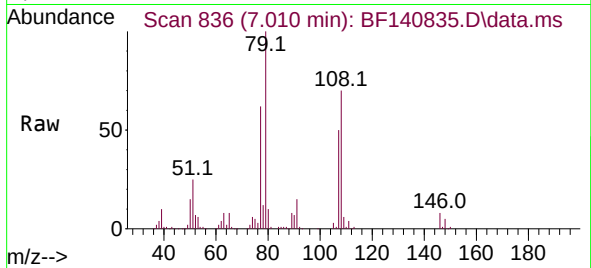
Tgt Ion:146 Resp: 235415
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 46.5 36.7 55.1





#15
Benzyl Alcohol
Concen: 53.680 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

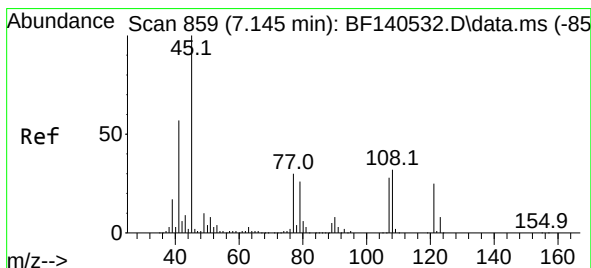
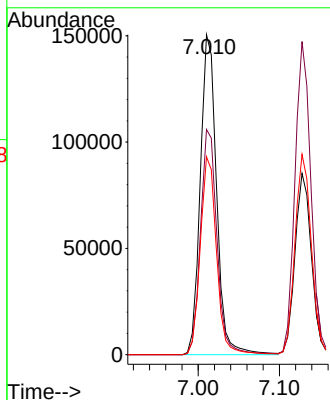
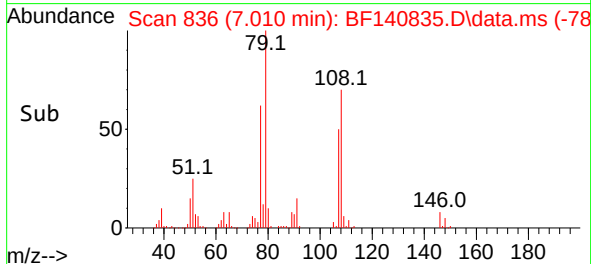
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion: 79 Resp: 209709
Ion Ratio Lower Upper
79 100
108 70.4 55.0 82.6
77 61.8 50.1 75.1

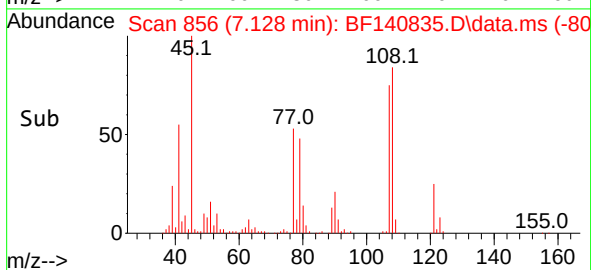
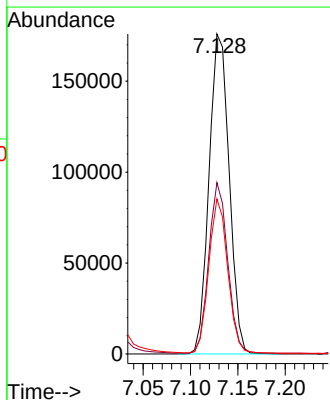
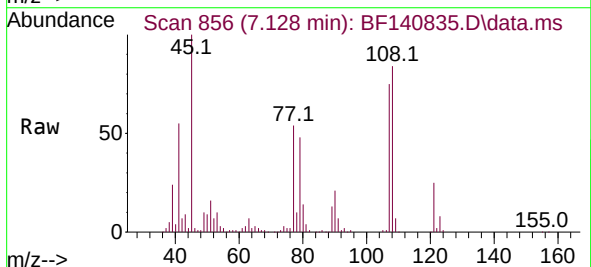
Manual Integrations
APPROVED

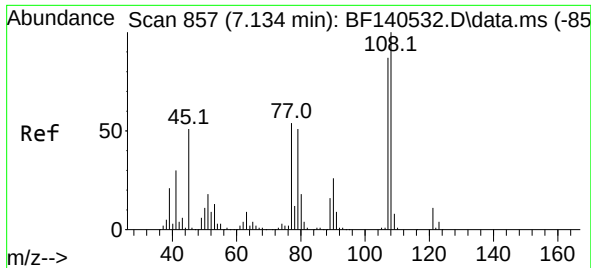
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.478 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

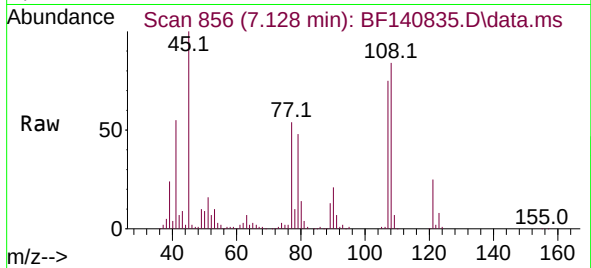
Tgt Ion: 45 Resp: 260091
Ion Ratio Lower Upper
45 100
77 53.6 10.7 50.7#
79 48.4 7.0 47.0#





#17
2-Methylphenol
Concen: 51.735 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

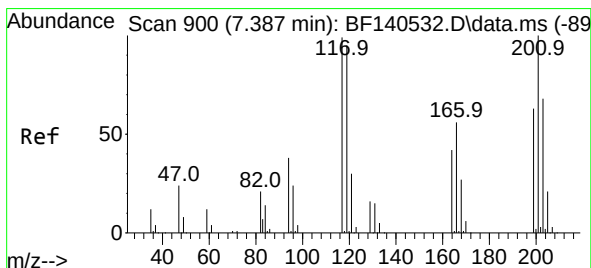
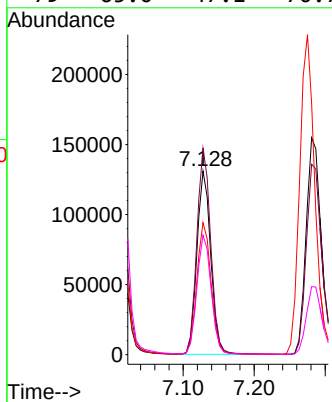
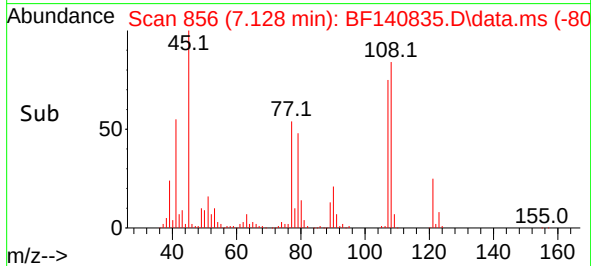
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:107 Resp: 177538
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 71.9 49.3 73.9
79 65.0 47.1 70.7

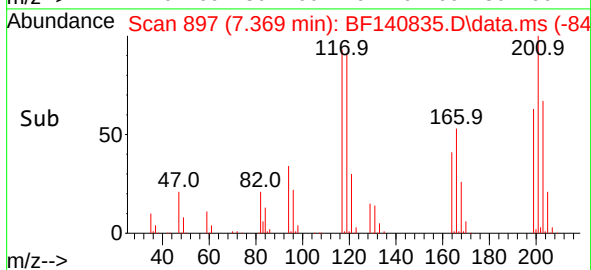
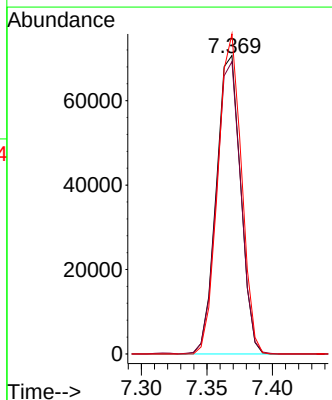
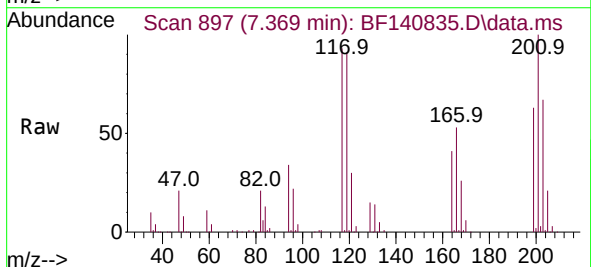
Manual Integrations
APPROVED

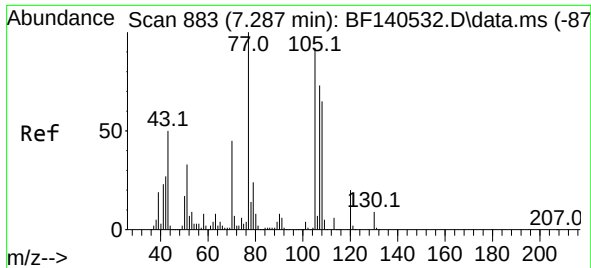
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#18
Hexachloroethane
Concen: 49.908 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

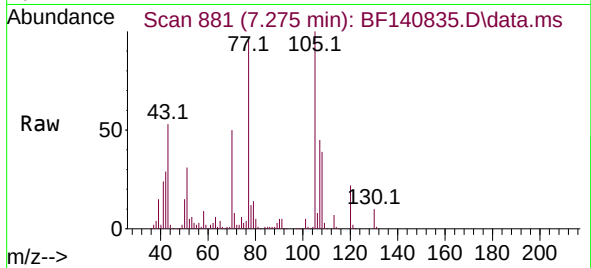
Tgt Ion:117 Resp: 90916
Ion Ratio Lower Upper
117 100
119 98.0 77.1 115.7
201 107.2 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 52.245 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

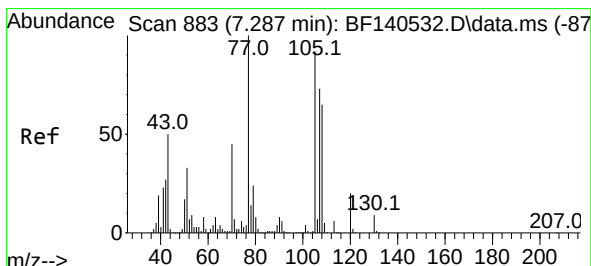
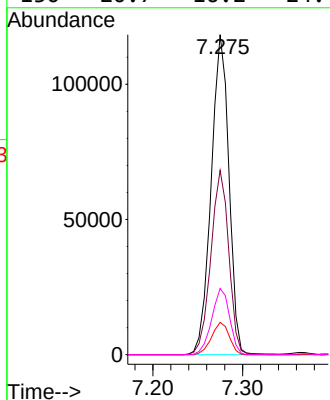
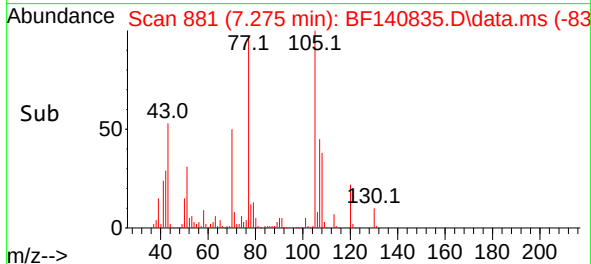
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



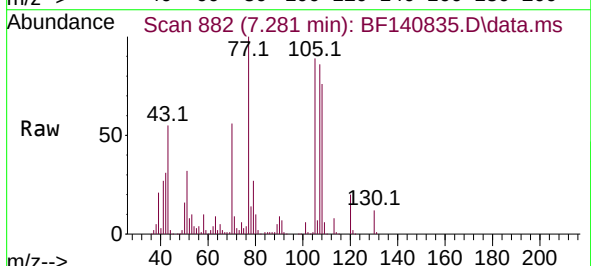
Tgt Ion: 70 Resp: 16265
Ion Ratio Lower Upper
70 100
42 57.6 47.6 71.4
101 10.1 7.6 11.4
130 20.7 16.2 24.4

Manual Integrations
APPROVED

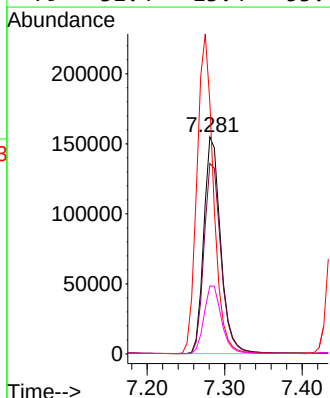
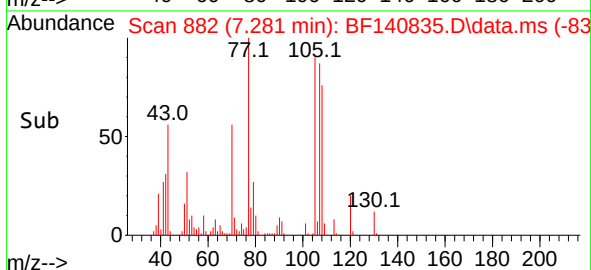
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

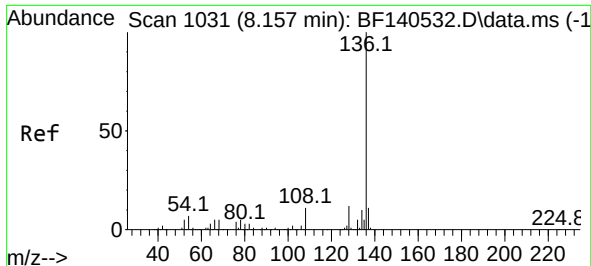


#20
3+4-Methylphenols
Concen: 53.107 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



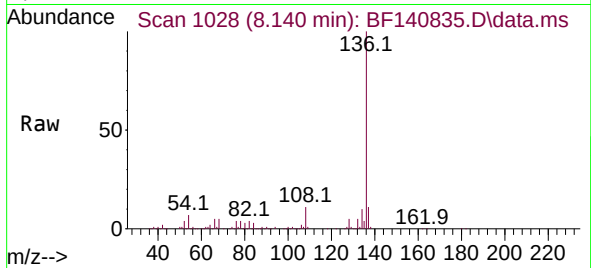
Tgt Ion:107 Resp: 234248
Ion Ratio Lower Upper
107 100
108 87.7 69.9 109.9
77 115.7 117.7 157.7#
79 31.4 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

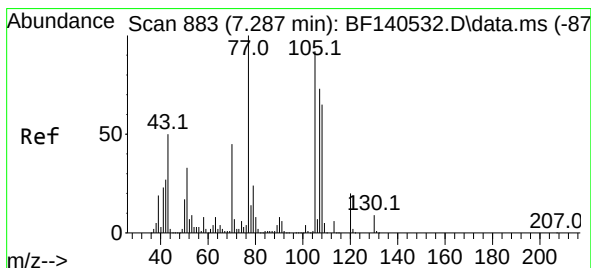
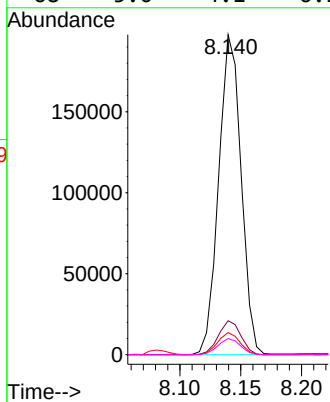
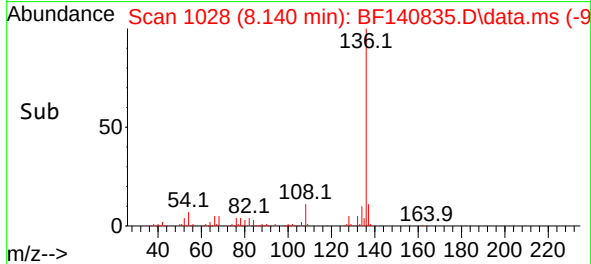
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:136 Resp: 253674
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.9 5.8 8.8
68 5.0 4.1 6.1

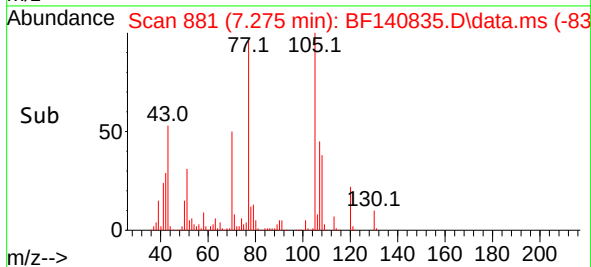
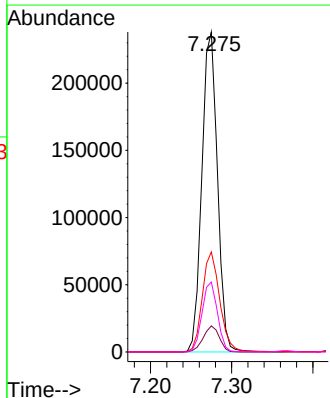
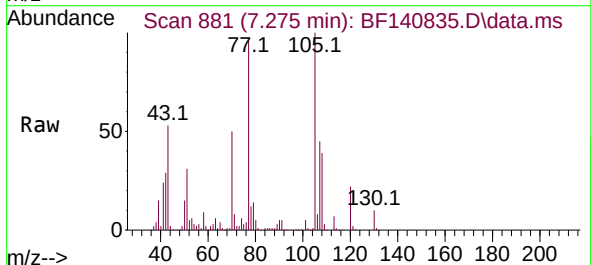
Manual Integrations
APPROVED

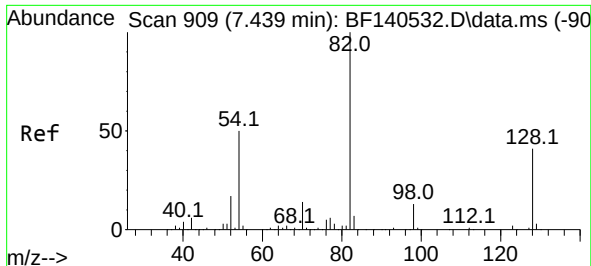
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 51.253 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:105 Resp: 316972
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.2
51 31.3 29.0 43.6
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 69.699 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 82 Resp: 34566

Ion Ratio Lower Upper

82 100

128 42.0 33.0 49.4

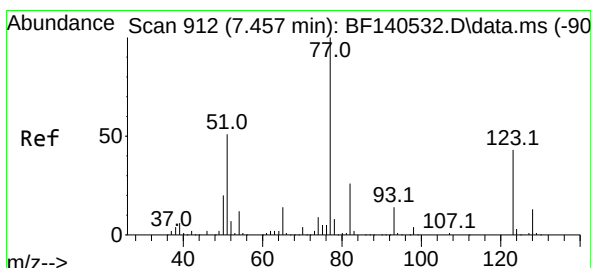
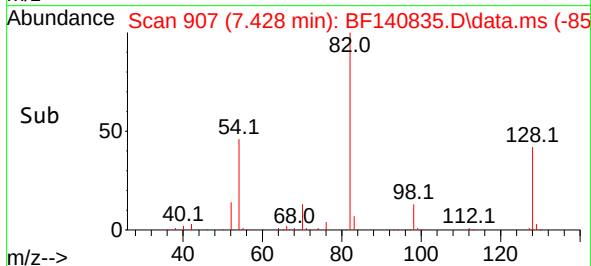
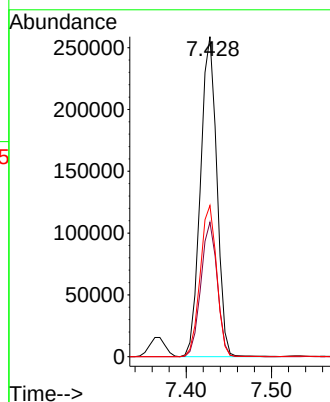
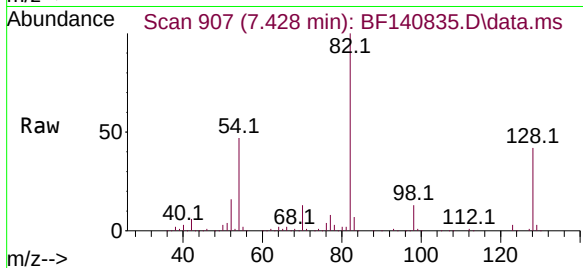
54 47.2 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#24

Nitrobenzene

Concen: 48.726 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

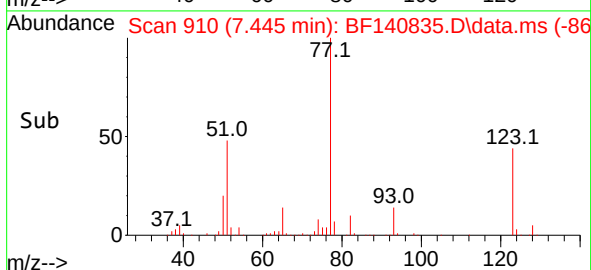
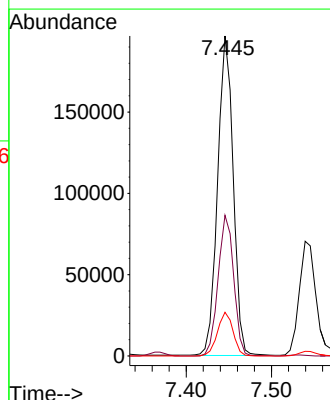
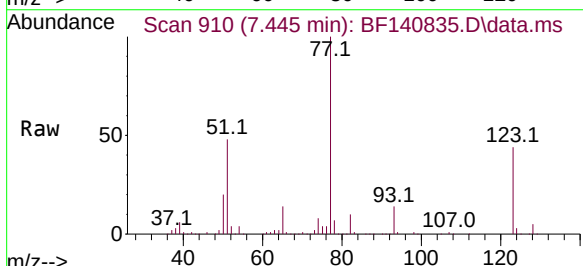
Tgt Ion: 77 Resp: 249756

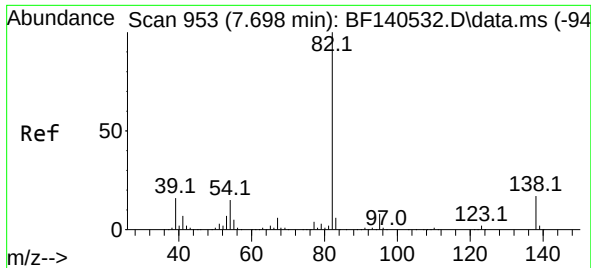
Ion Ratio Lower Upper

77 100

123 44.0 34.3 51.5

65 13.7 11.2 16.8





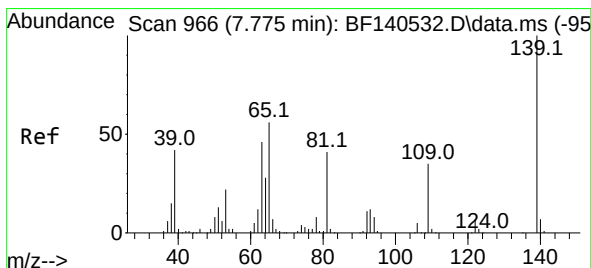
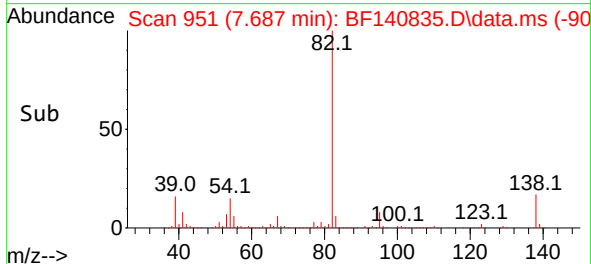
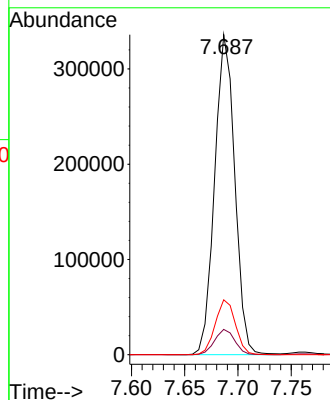
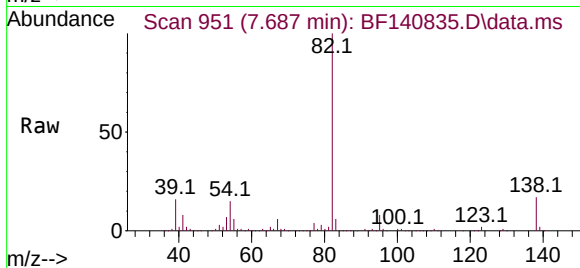
#25
Isophorone
Concen: 53.259 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 82 Resp: 44055
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.2 13.8 20.6

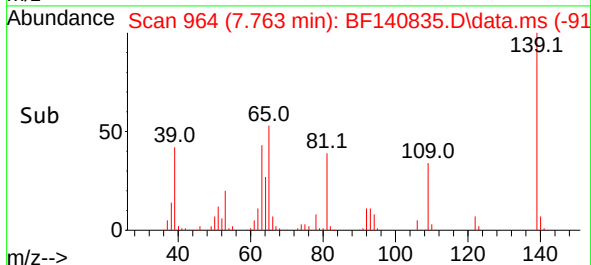
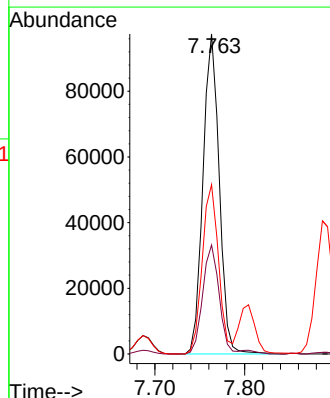
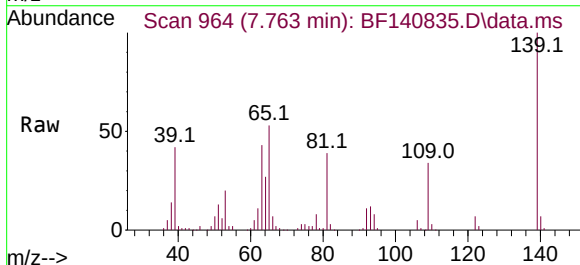
Manual Integrations
APPROVED

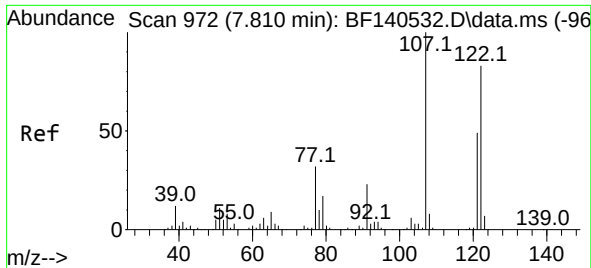
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 53.960 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

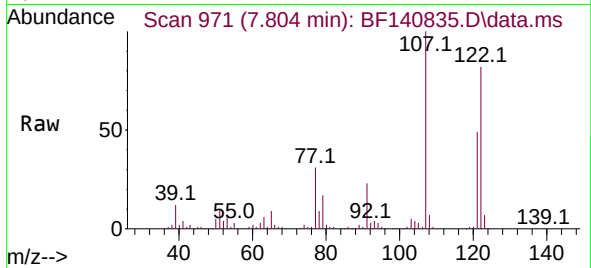
Tgt Ion:139 Resp: 122568
Ion Ratio Lower Upper
139 100
109 34.0 28.0 42.0
65 52.9 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 66.726 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

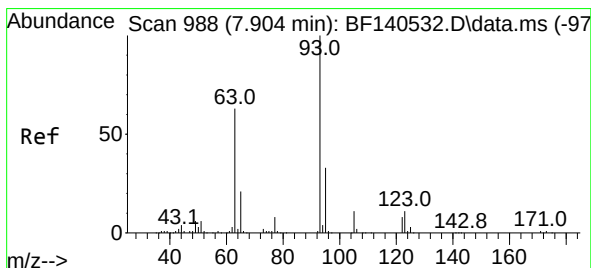
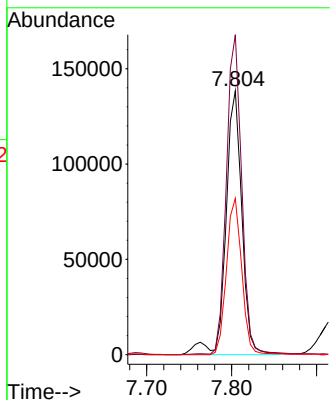
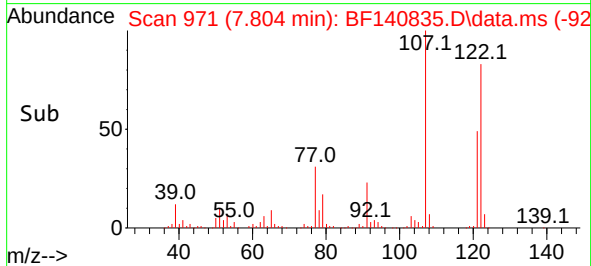
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



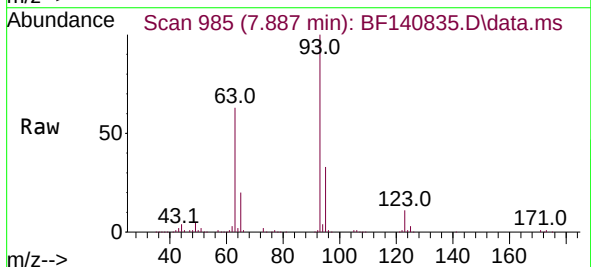
Tgt Ion:122 Resp: 181340
Ion Ratio Lower Upper
122 100
107 121.3 96.8 145.2
121 59.3 47.4 71.0

Manual Integrations
APPROVED

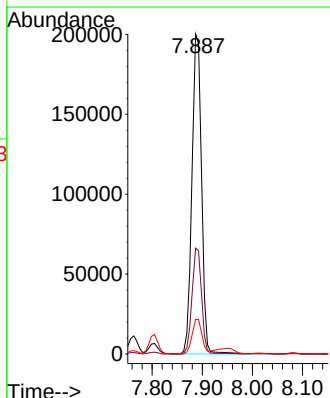
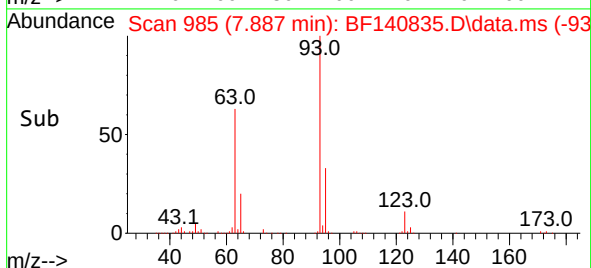
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

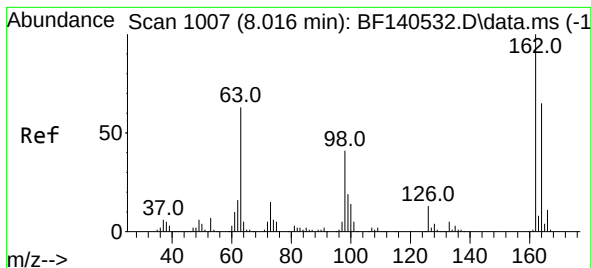


#28
bis(2-Chloroethoxy)methane
Concen: 52.912 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



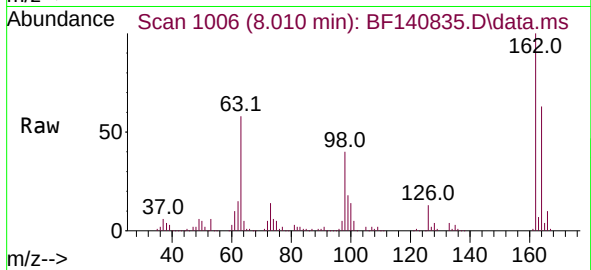
Tgt Ion: 93 Resp: 266636
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 10.8 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 53.817 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

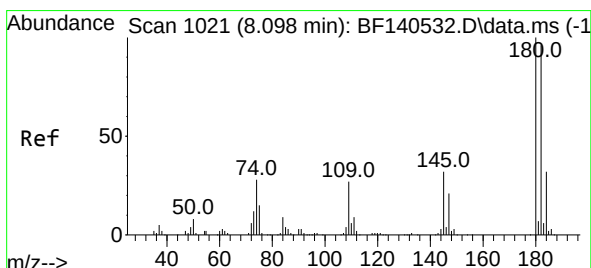
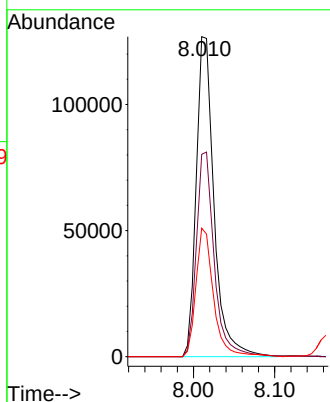
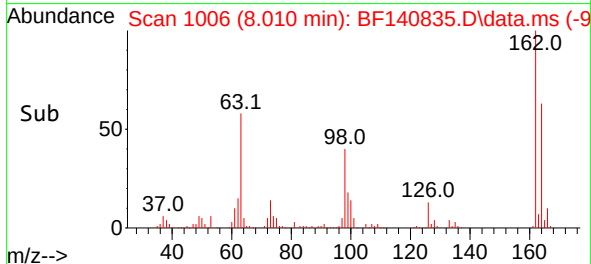
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



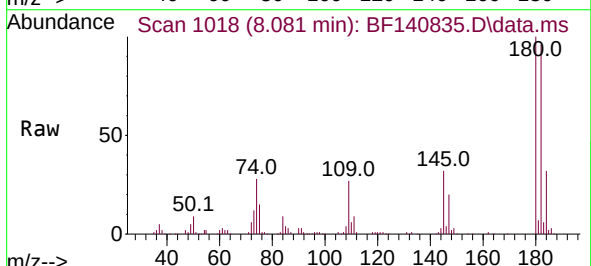
Tgt Ion:162 Resp: 193809
Ion Ratio Lower Upper
162 100
164 63.3 44.8 84.8
98 40.2 21.2 61.2

Manual Integrations
APPROVED

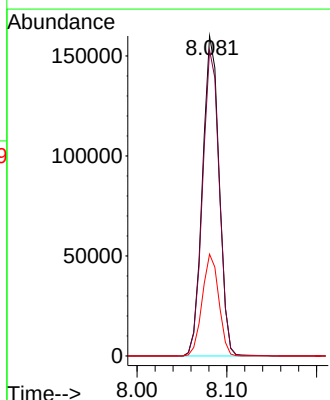
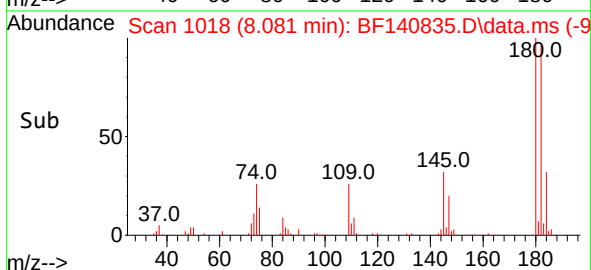
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

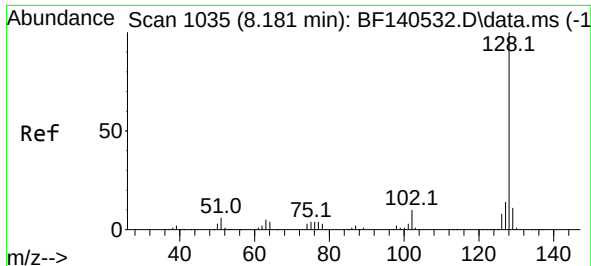


#30
1,2,4-Trichlorobenzene
Concen: 50.112 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



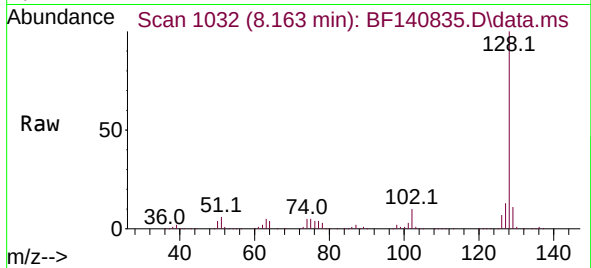
Tgt Ion:180 Resp: 206051
Ion Ratio Lower Upper
180 100
182 95.6 76.4 114.6
145 31.8 25.9 38.9





#31
Naphthalene
Concen: 51.866 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

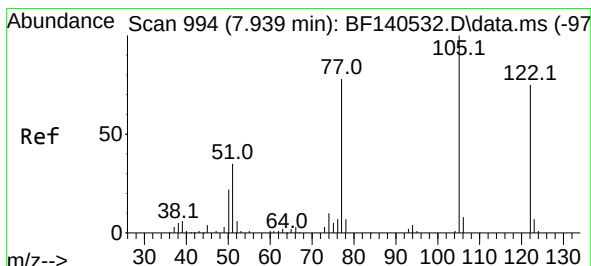
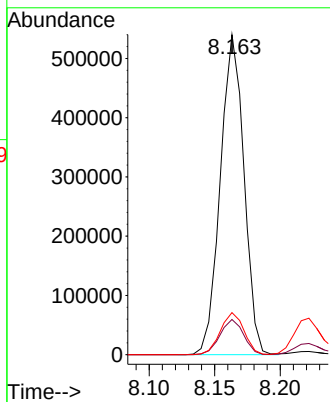
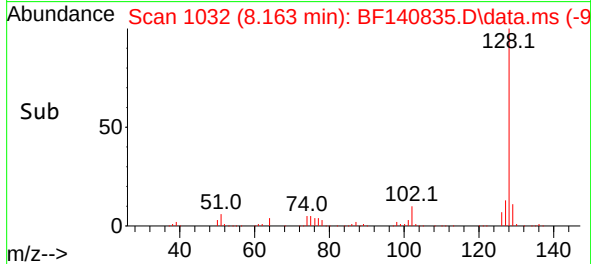
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:128 Resp: 677704
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.8 16.2

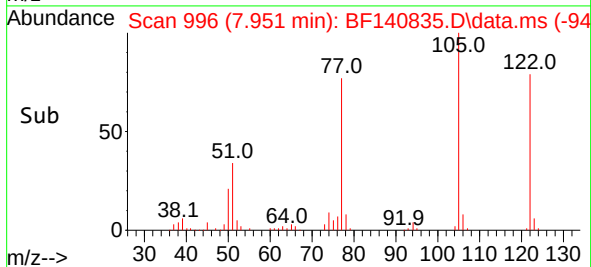
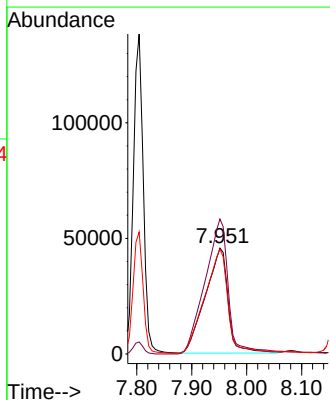
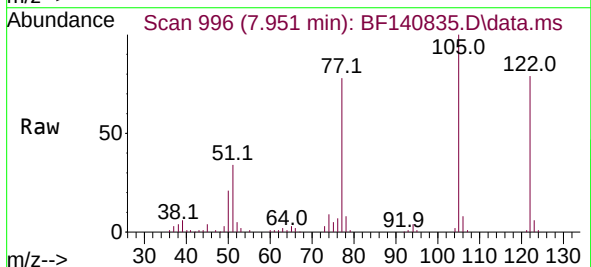
Manual Integrations
APPROVED

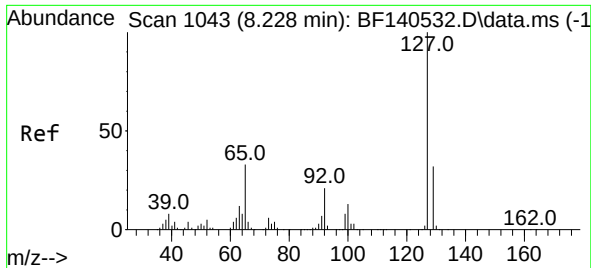
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#32
Benzoic acid
Concen: 54.399 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:122 Resp: 131323
Ion Ratio Lower Upper
122 100
105 127.3 109.3 149.3
77 98.9 82.3 122.3





#33
4-Chloroaniline
Concen: 25.768 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

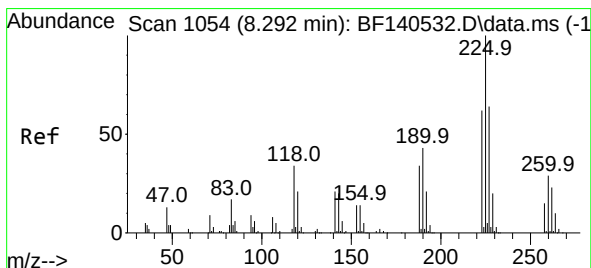
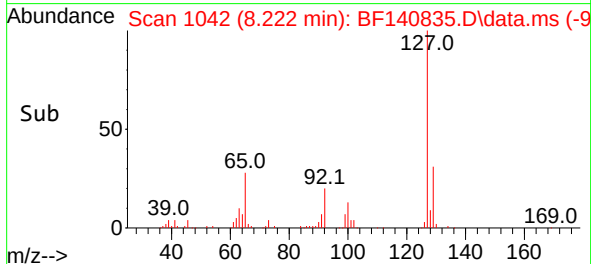
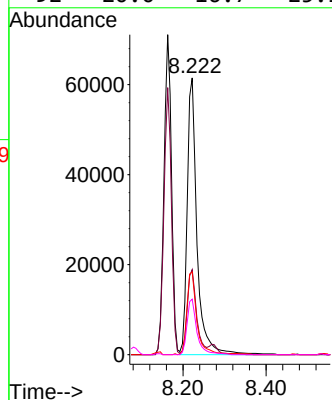
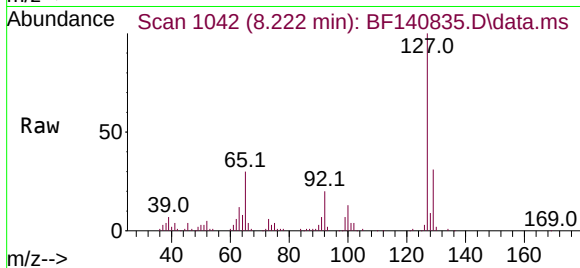
WC-1MSD

Tgt Ion:127 Resp: 100800
Ion Ratio Lower Upper
127 100
129 30.8 26.0 39.0
65 29.9 26.0 39.0
92 20.0 16.7 25.1

Manual Integrations

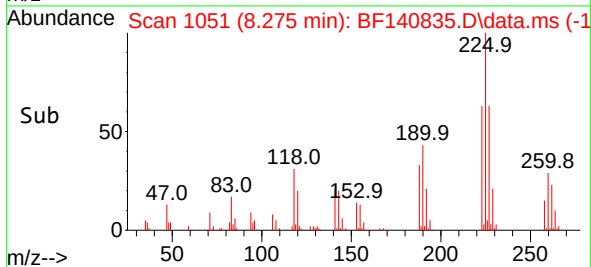
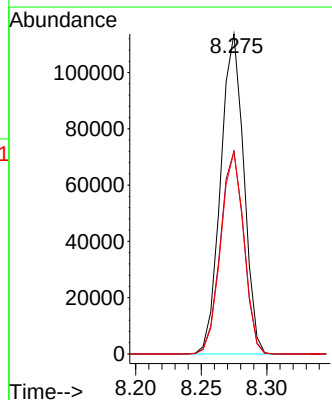
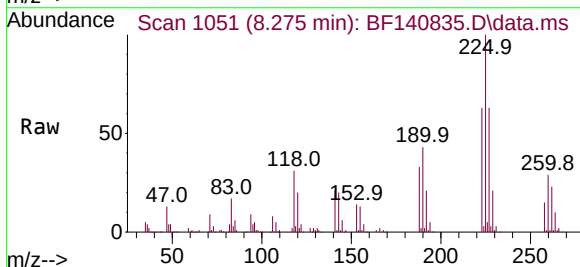
APPROVED

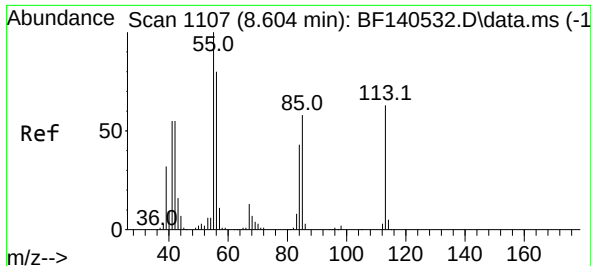
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 51.255 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

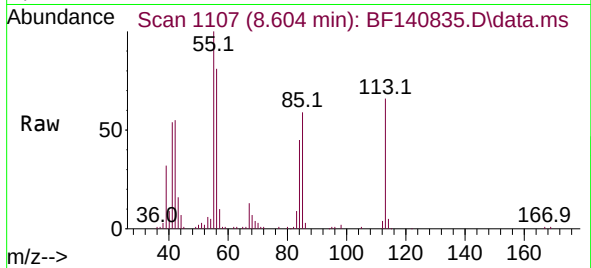
Tgt Ion:225 Resp: 139592
Ion Ratio Lower Upper
225 100
223 63.4 49.8 74.8
227 63.2 51.3 76.9





#35
Caprolactam
Concen: 54.245 ng m
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

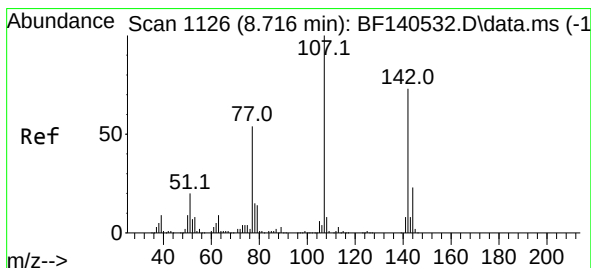
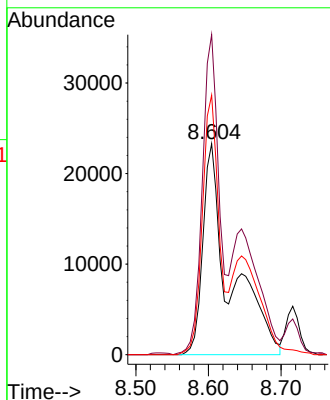
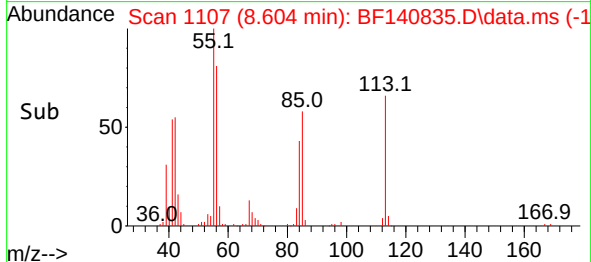
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:113 Resp: 6045
Ion Ratio Lower Upper
113 100
55 151.7 137.7 177.7
56 123.1 106.4 146.4

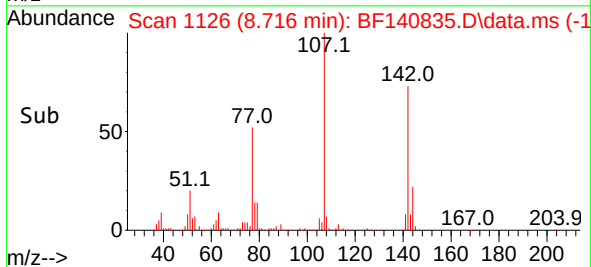
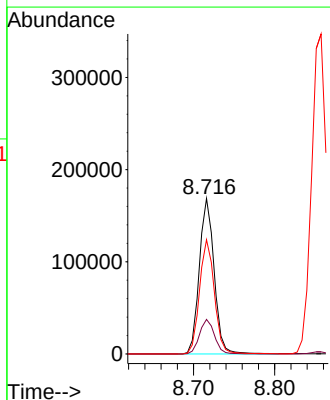
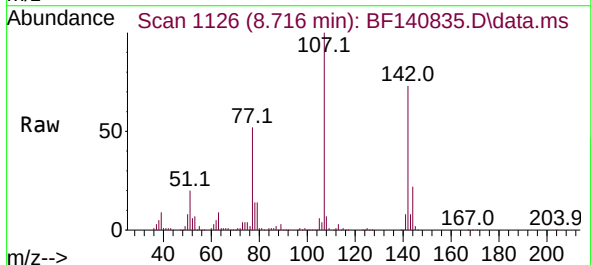
Manual Integrations
APPROVED

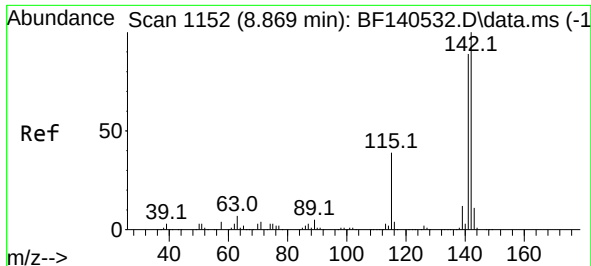
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#36
4-Chloro-3-methylphenol
Concen: 53.210 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:107 Resp: 214546
Ion Ratio Lower Upper
107 100
144 22.3 18.7 28.1
142 73.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 54.143 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:142 Resp: 449344

Ion Ratio Lower Upper

142 100

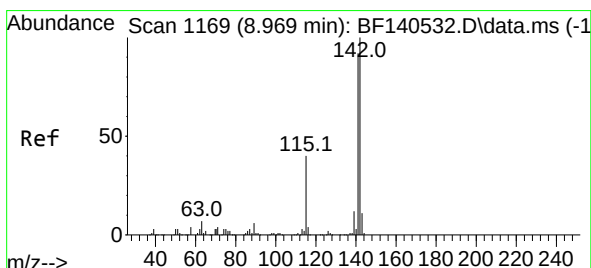
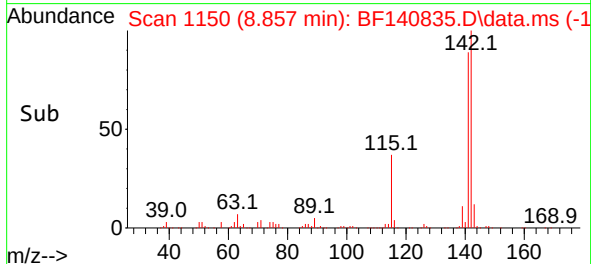
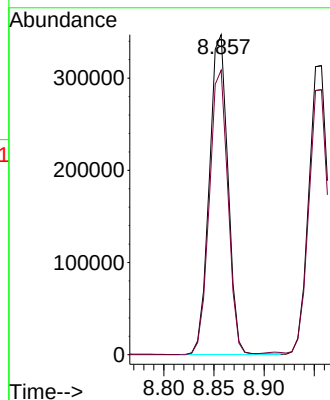
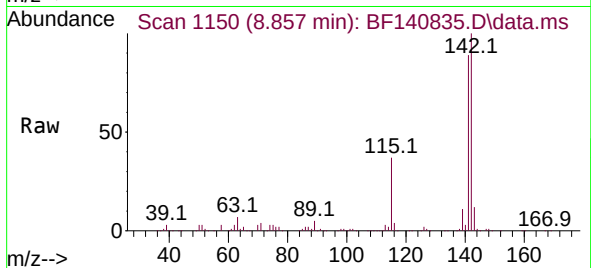
141 88.9 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#38

1-Methylnaphthalene

Concen: 50.917 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140835.D

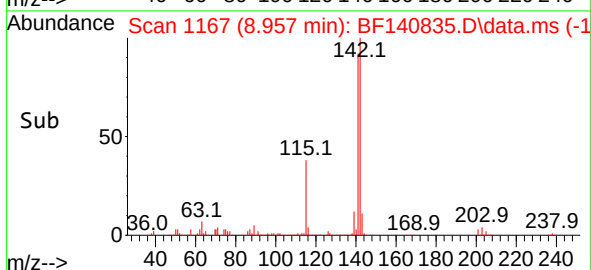
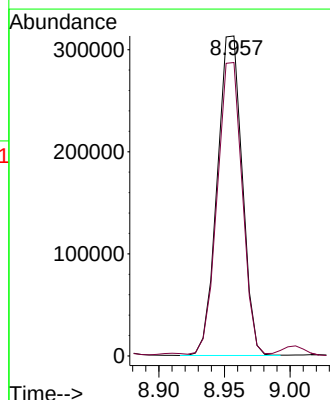
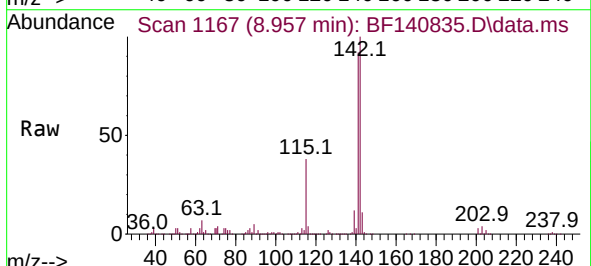
Acq: 11 Dec 2024 17:54

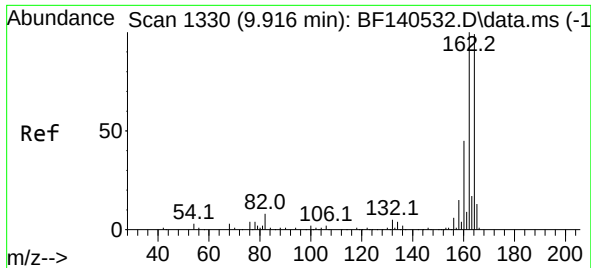
Tgt Ion:142 Resp: 414203

Ion Ratio Lower Upper

142 100

141 91.7 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

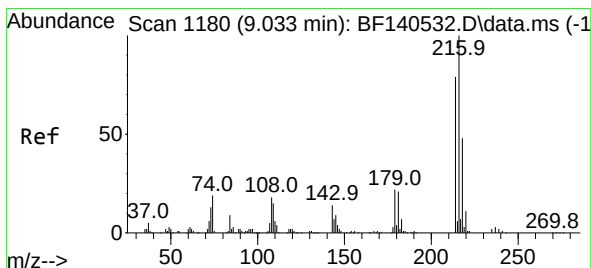
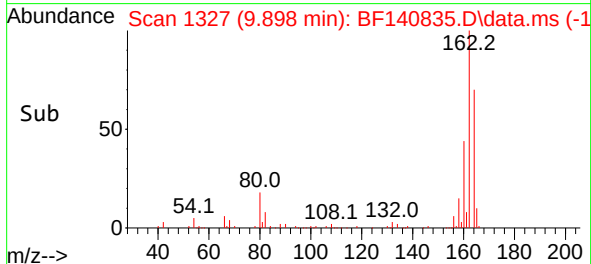
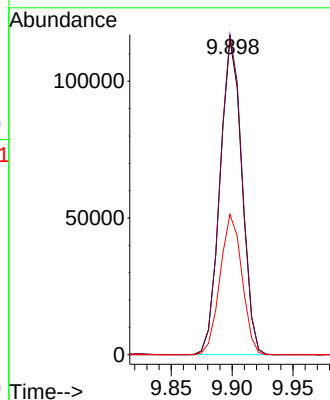
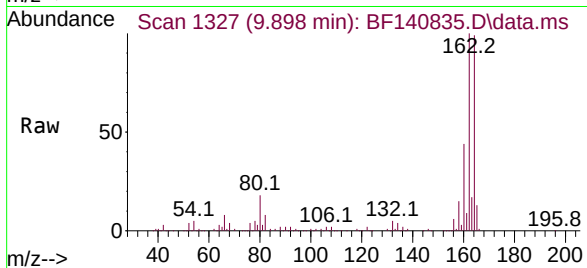
Tgt Ion:164 Resp: 144349
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.6 120.8
 160 44.5 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.941 ng

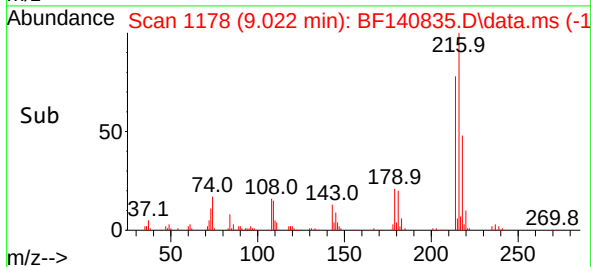
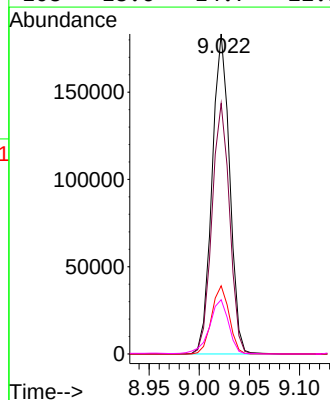
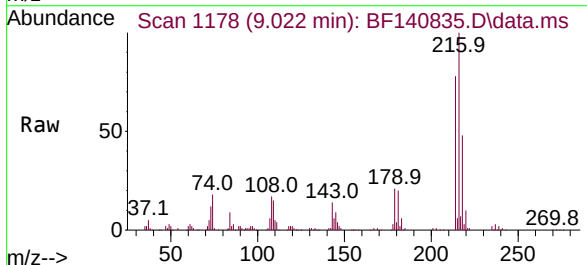
RT: 9.022 min Scan# 1178

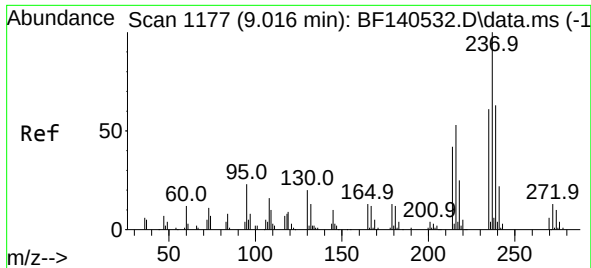
Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

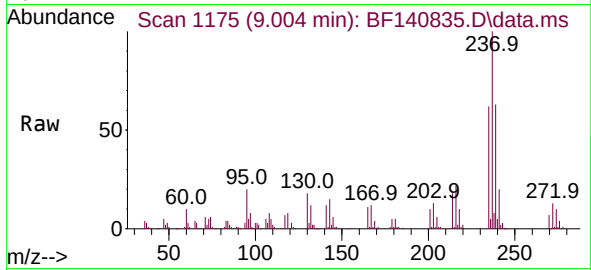
Tgt Ion:216 Resp: 223712
 Ion Ratio Lower Upper
 216 100
 214 78.4 63.0 94.4
 179 21.2 17.5 26.3
 108 18.6 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 101.191 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

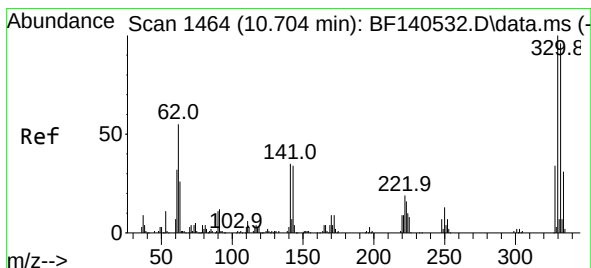
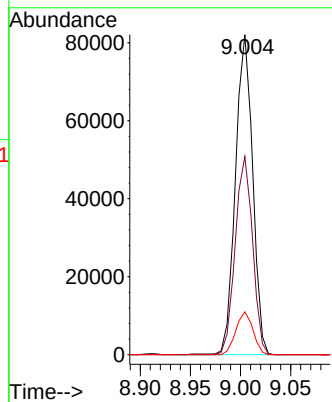
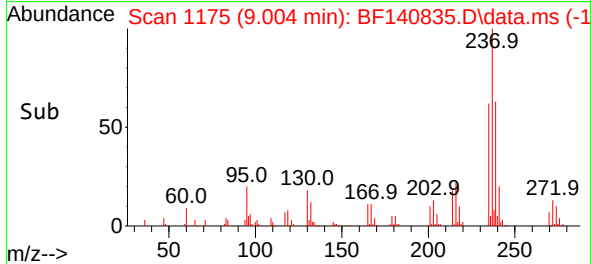
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:237 Resp: 98134
Ion Ratio Lower Upper
237 100
235 61.9 41.1 81.1
272 13.4 0.0 32.6

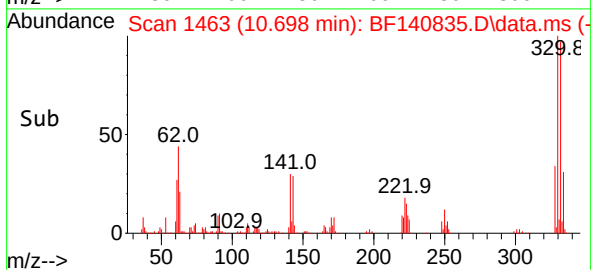
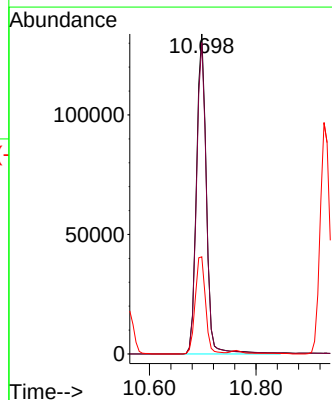
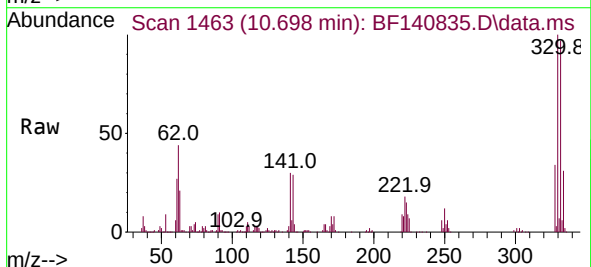
Manual Integrations
APPROVED

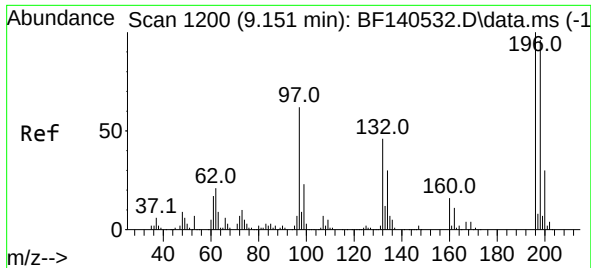
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 112.472 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

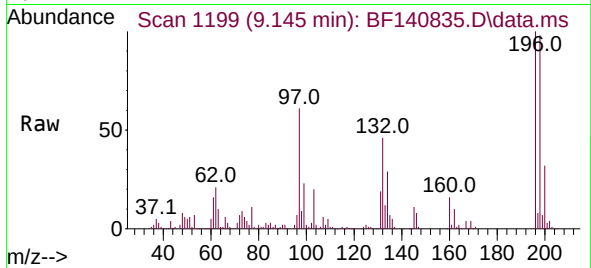
Tgt Ion:330 Resp: 173632
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 31.6 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 50.226 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

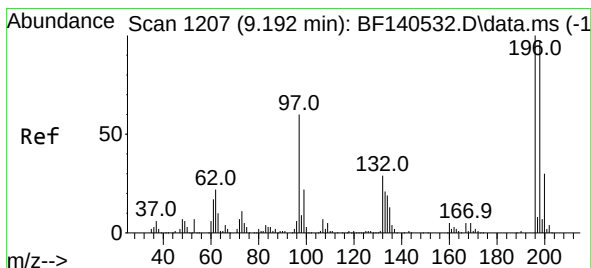
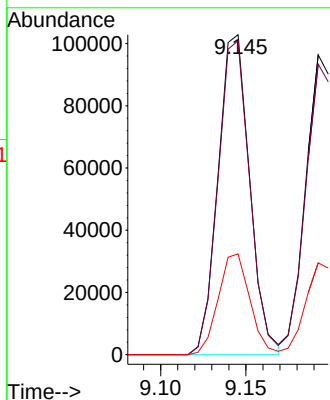
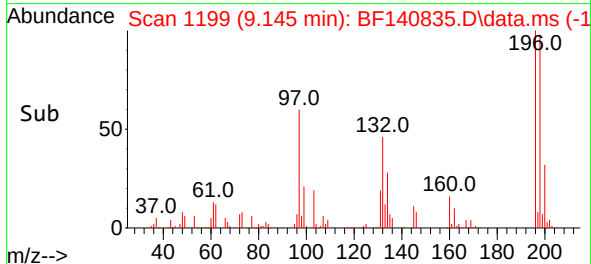
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:196 Resp: 133179
Ion Ratio Lower Upper
196 100
198 98.1 76.8 115.2
200 31.5 24.3 36.5

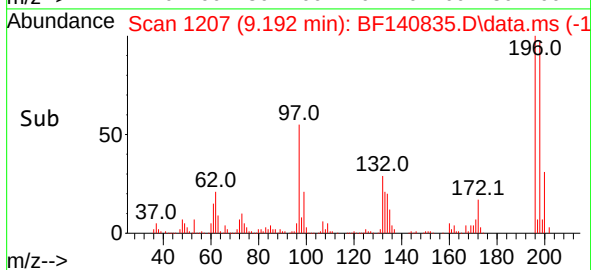
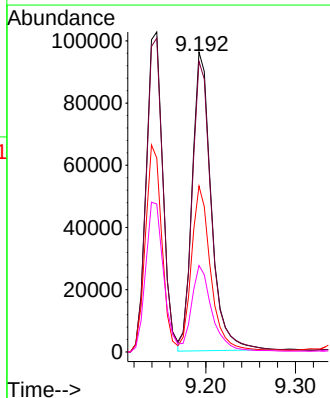
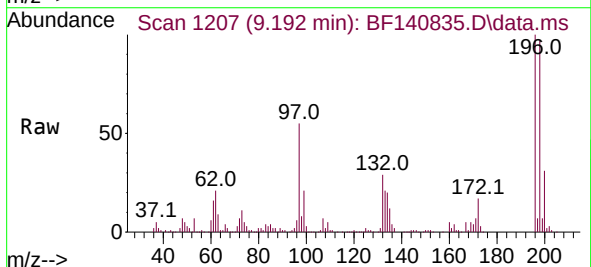
Manual Integrations
APPROVED

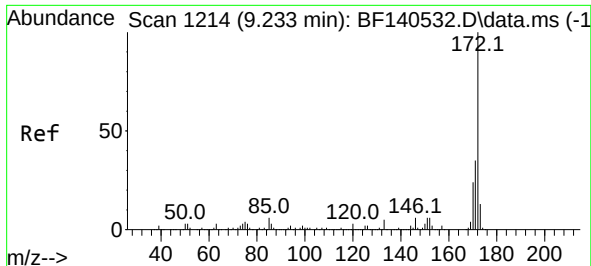
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#44
2,4,5-Trichlorophenol
Concen: 49.282 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

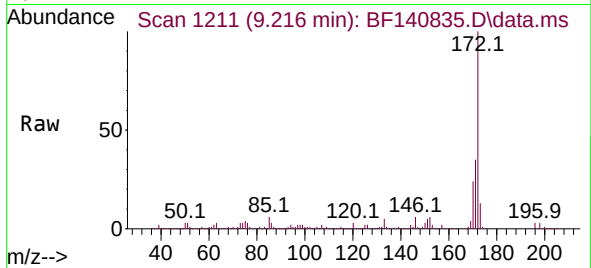
Tgt Ion:196 Resp: 141819
Ion Ratio Lower Upper
196 100
198 96.9 77.2 115.8
97 55.4 47.1 70.7
132 28.8 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 66.321 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

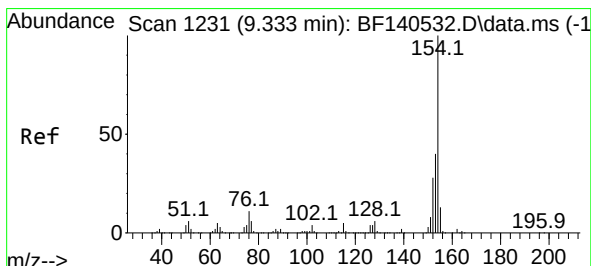
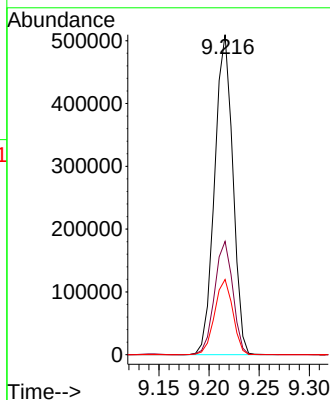
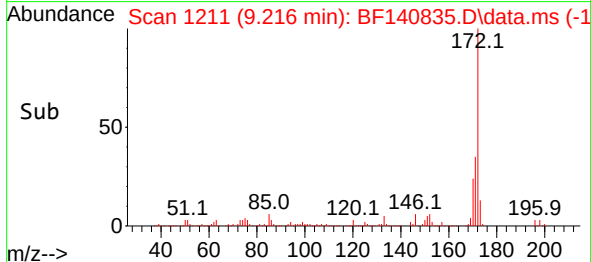
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



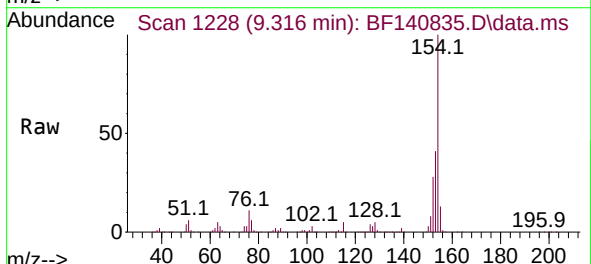
Tgt Ion:172 Resp: 64251
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.5 19.0 28.6

Manual Integrations
APPROVED

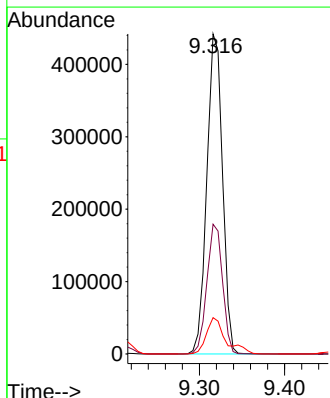
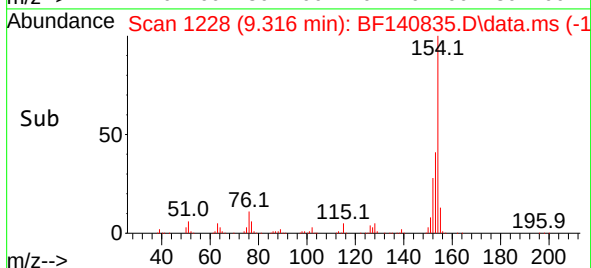
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

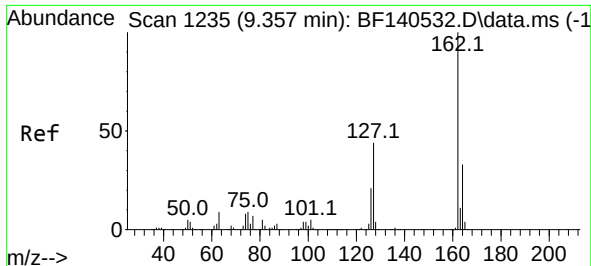


#46
1,1'-Biphenyl
Concen: 52.377 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.017 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



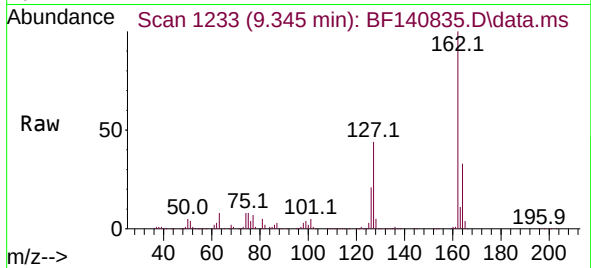
Tgt Ion:154 Resp: 564468
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.3 0.0 31.2





#47
2-Chloronaphthalene
Concen: 51.320 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

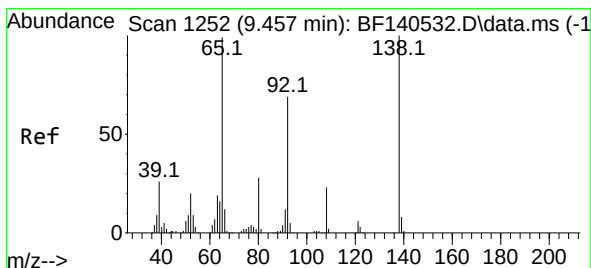
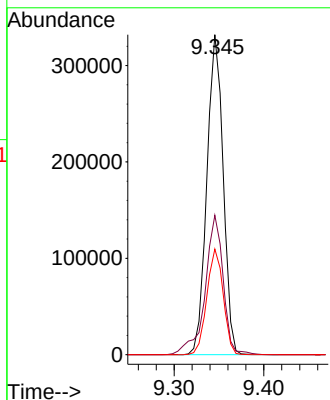
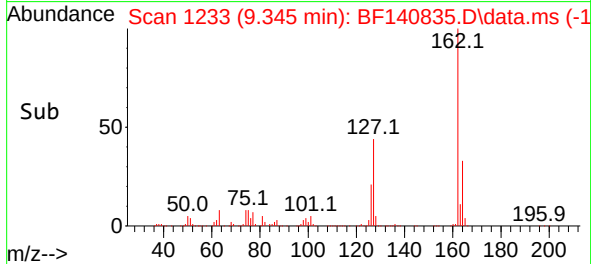
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:162 Resp: 419074
Ion Ratio Lower Upper
162 100
127 43.5 35.7 53.5
164 33.0 26.1 39.1

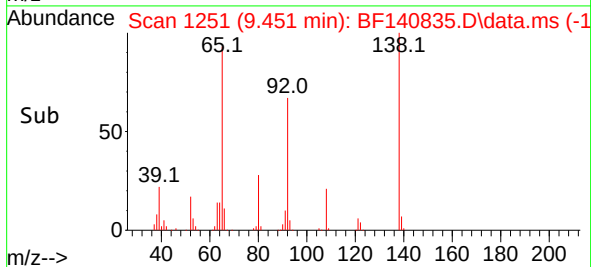
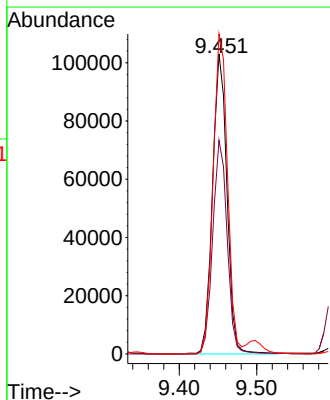
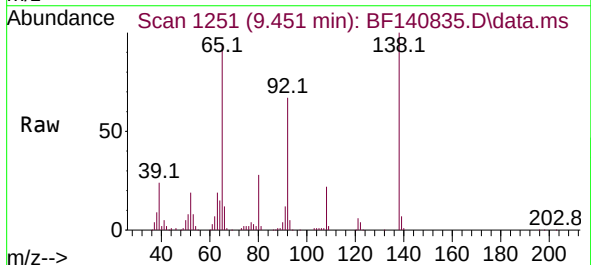
Manual Integrations
APPROVED

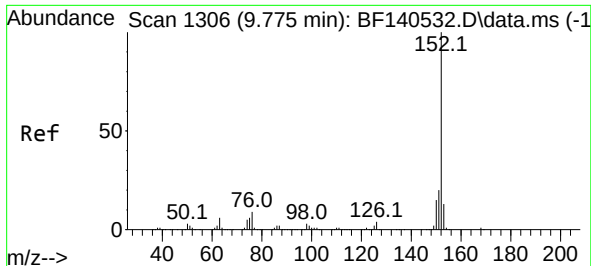
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#48
2-Nitroaniline
Concen: 50.953 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 65 Resp: 133552
Ion Ratio Lower Upper
65 100
92 71.1 56.1 84.1
138 106.6 81.0 121.6





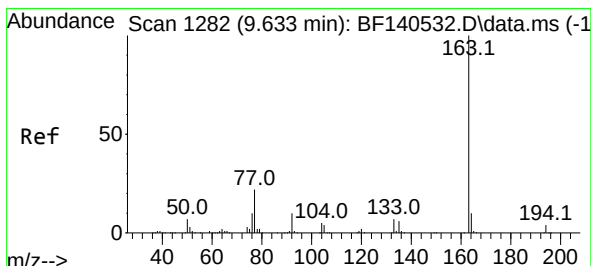
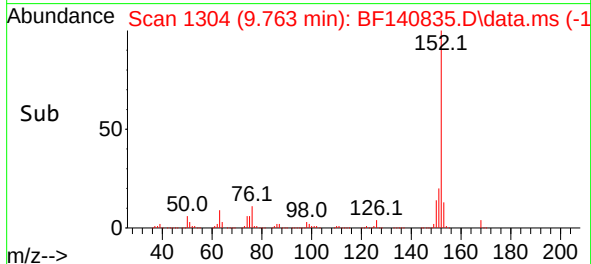
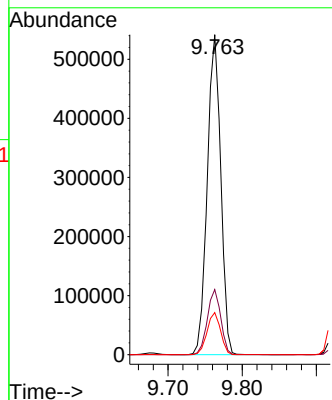
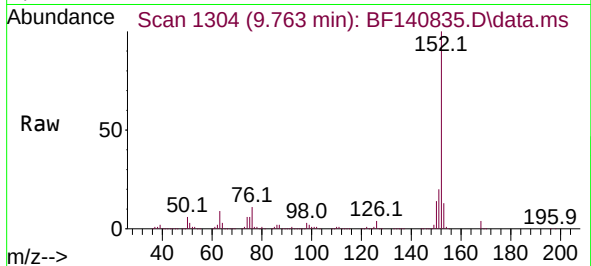
#49
Acenaphthylene
Concen: 55.433 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:152 Resp: 68394
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.1 10.6 16.0

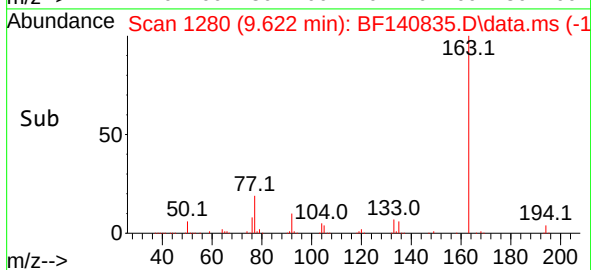
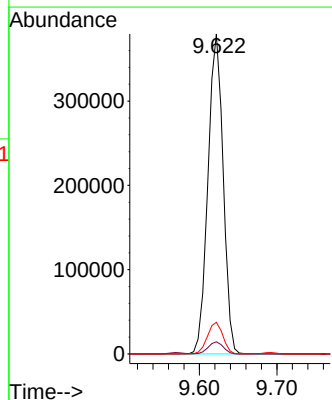
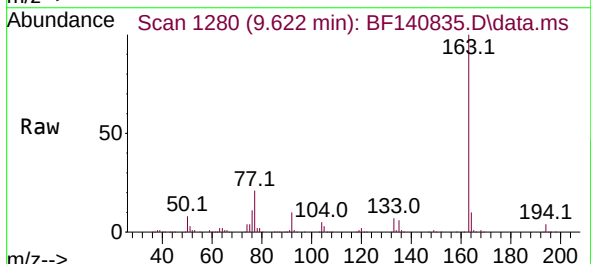
Manual Integrations
APPROVED

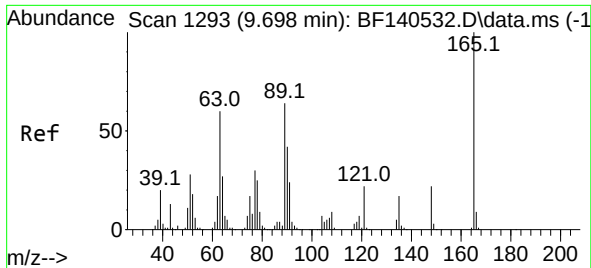
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#50
Dimethylphthalate
Concen: 54.463 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

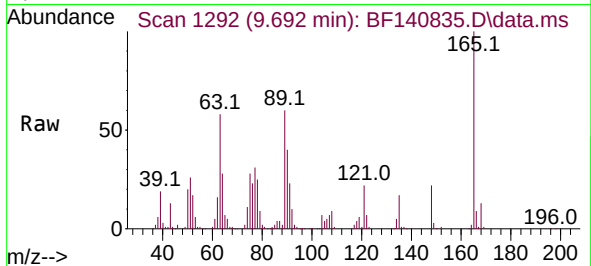
Tgt Ion:163 Resp: 517747
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.228 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

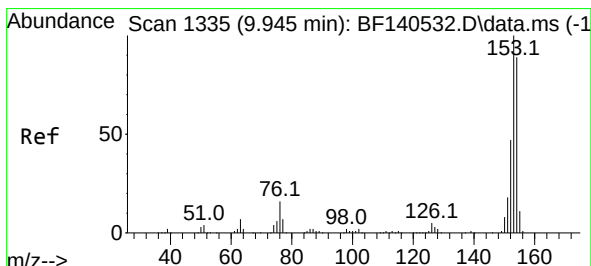
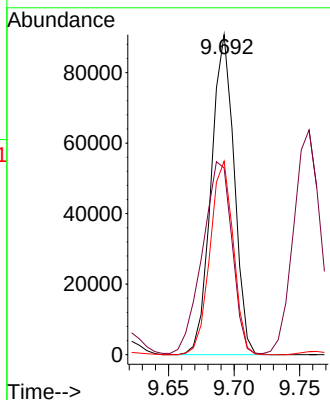
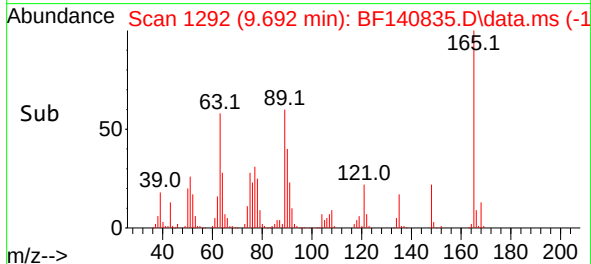
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



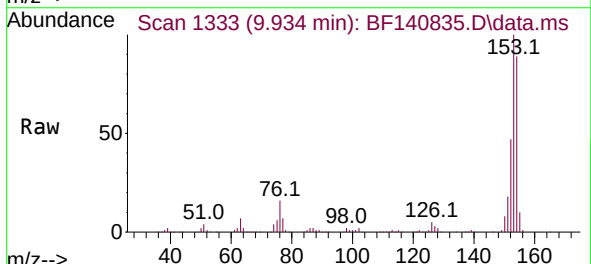
Tgt Ion:165 Resp: 110449
Ion Ratio Lower Upper
165 100
63 58.3 49.9 74.9
89 60.4 50.9 76.3

Manual Integrations
APPROVED

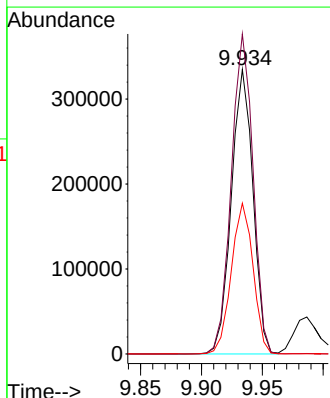
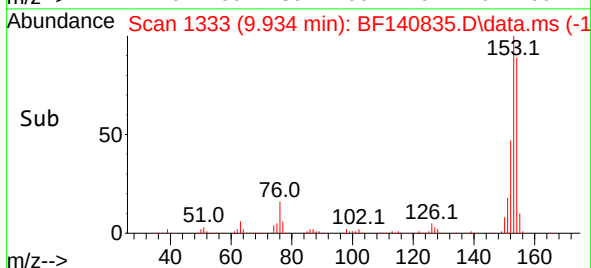
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

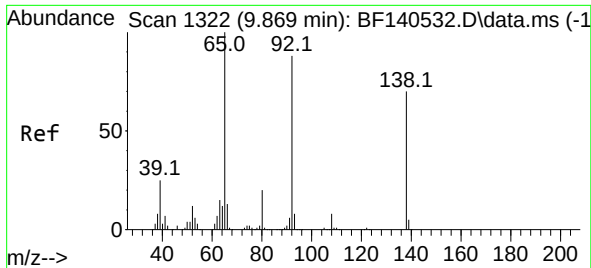


#52
Acenaphthene
Concen: 52.887 ng
RT: 9.934 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



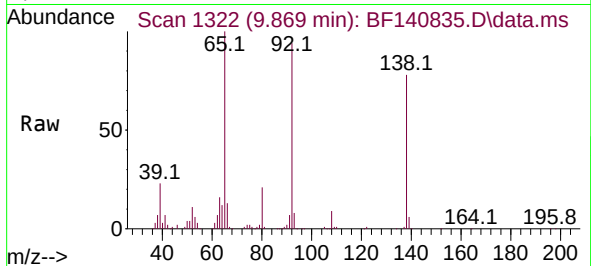
Tgt Ion:154 Resp: 414614
Ion Ratio Lower Upper
154 100
153 112.5 89.7 134.5
152 53.0 42.5 63.7





#53
3-Nitroaniline
Concen: 35.970 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

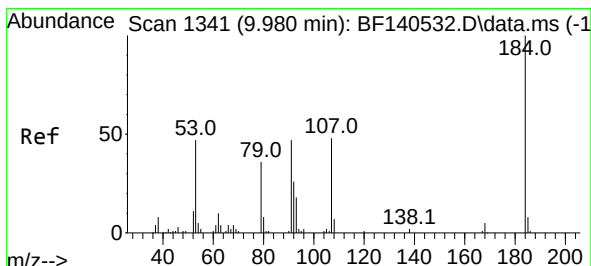
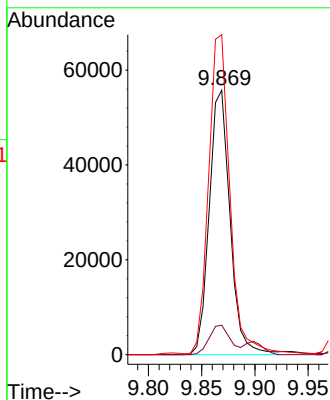
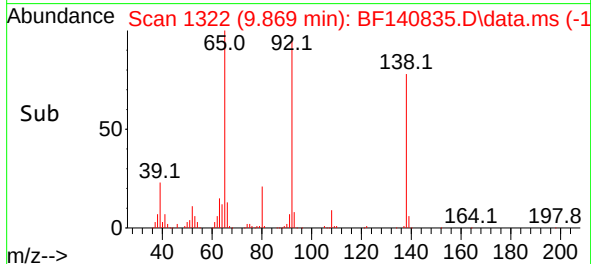
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



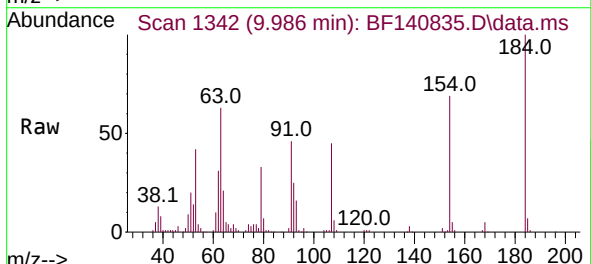
Tgt Ion:138 Resp: 75849
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 121.0 100.6 150.8

Manual Integrations
APPROVED

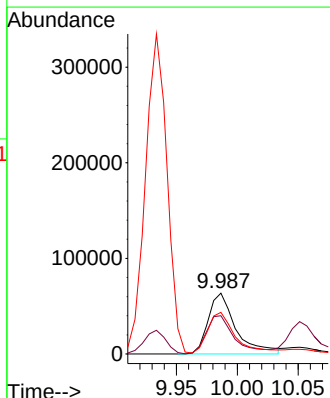
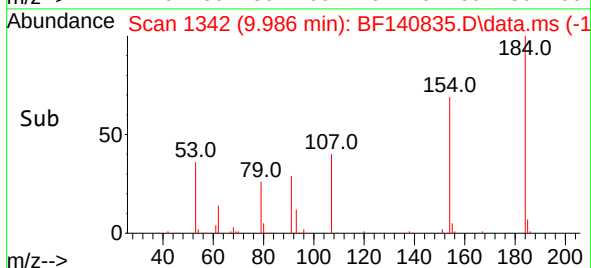
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

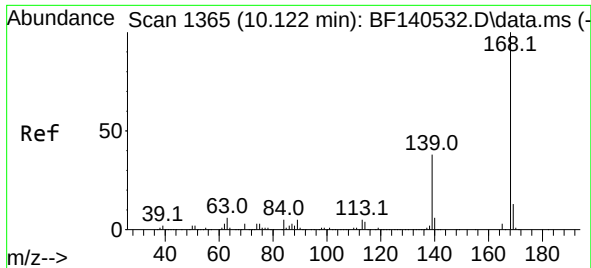


#54
2,4-Dinitrophenol
Concen: 89.137 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



Tgt Ion:184 Resp: 100637
Ion Ratio Lower Upper
184 100
63 63.0 54.1 81.1
154 68.5 57.4 86.0





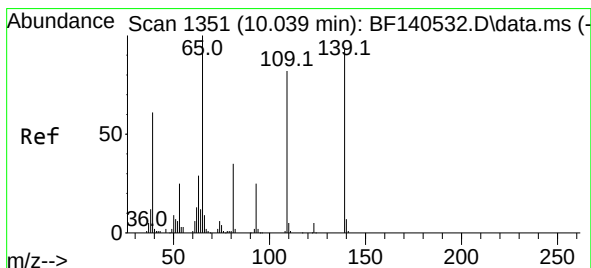
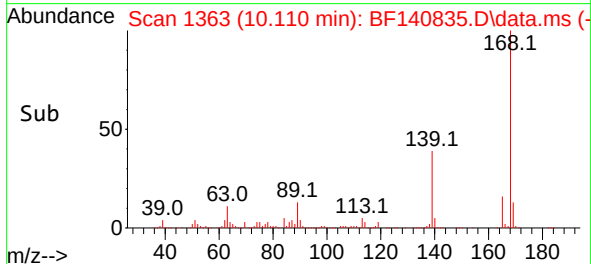
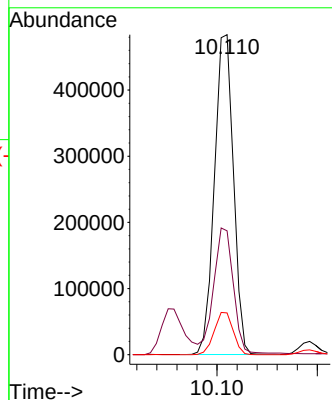
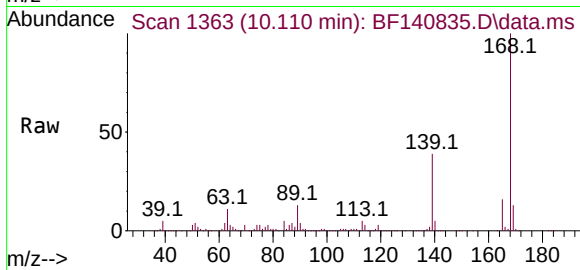
#55
Dibenzenofuran
Concen: 53.178 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:168 Resp: 63589
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 13.0 10.5 15.7

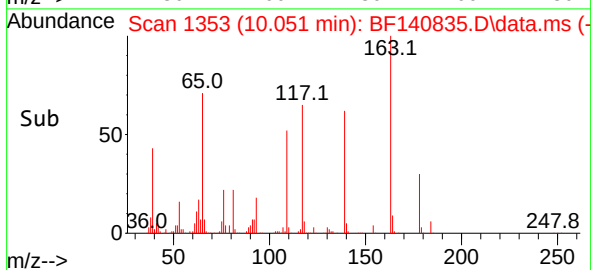
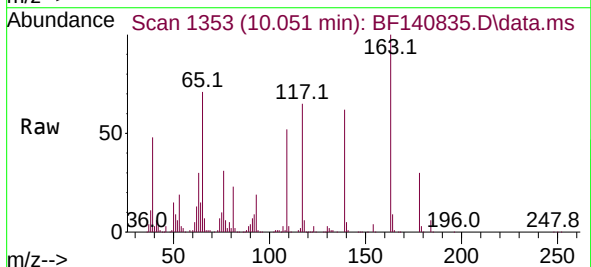
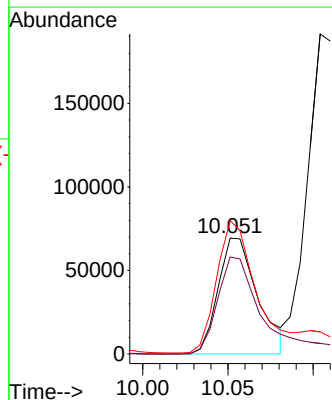
Manual Integrations
APPROVED

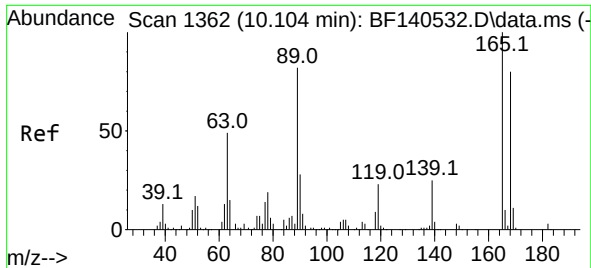
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 77.475 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:139 Resp: 111418
Ion Ratio Lower Upper
139 100
109 83.7 68.4 108.4
65 115.0 88.6 128.6





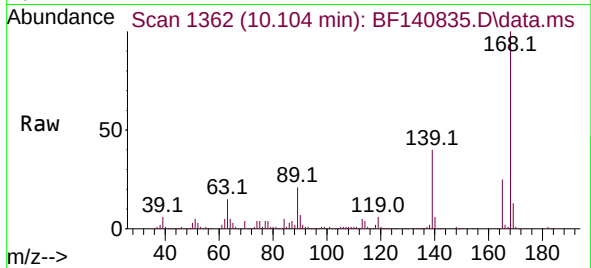
#57
2,4-Dinitrotoluene
Concen: 52.563 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



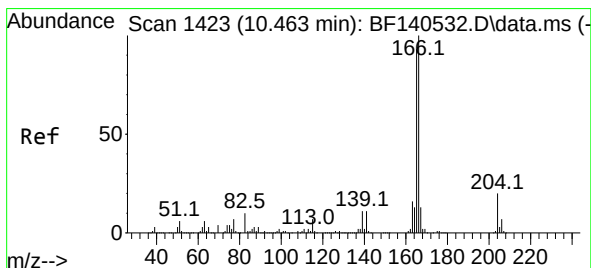
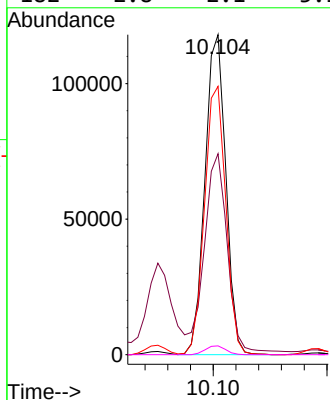
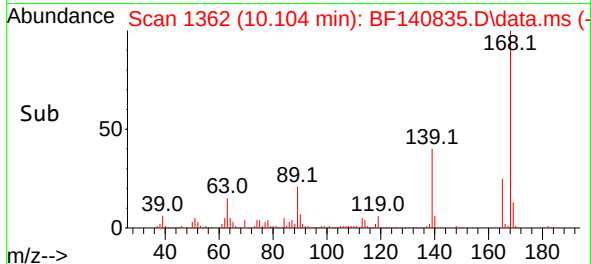
Tgt Ion:165 Resp: 150614
Ion Ratio Lower Upper
165 100
63 62.8 41.7 62.5
89 83.8 65.8 98.8
182 2.8 2.1 3.1

Manual Integrations

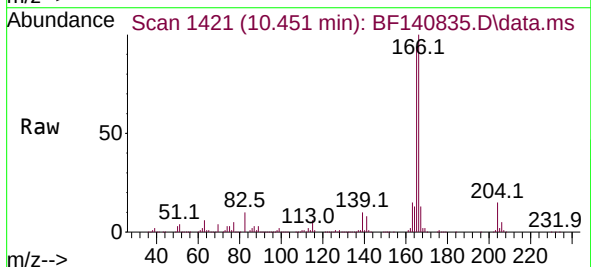
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

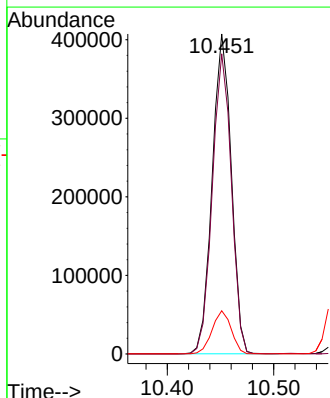
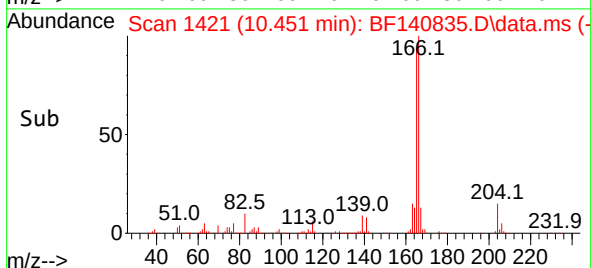
Supervised By :mohammad ahmed 12/12/2024

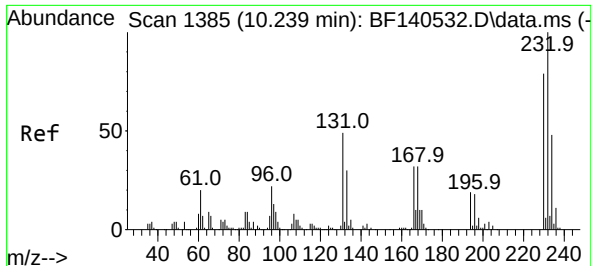


#58
Fluorene
Concen: 52.754 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



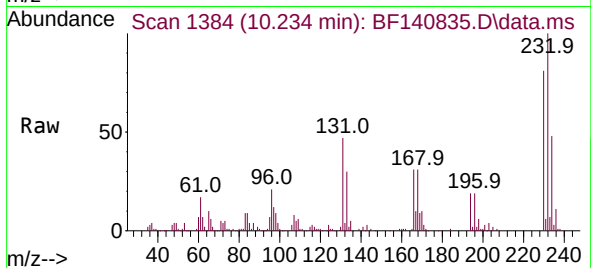
Tgt Ion:166 Resp: 506348
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.211 ng
RT: 10.234 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

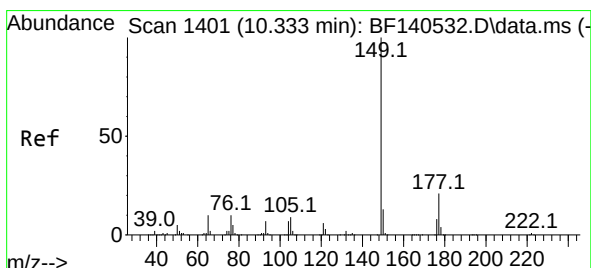
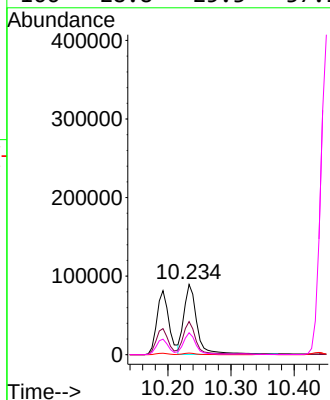
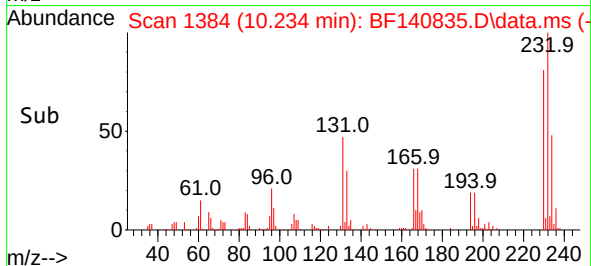
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:232 Resp: 126531
Ion Ratio Lower Upper
232 100
131 44.3 39.6 59.4
130 2.4 1.9 2.9
166 28.8 25.3 37.9

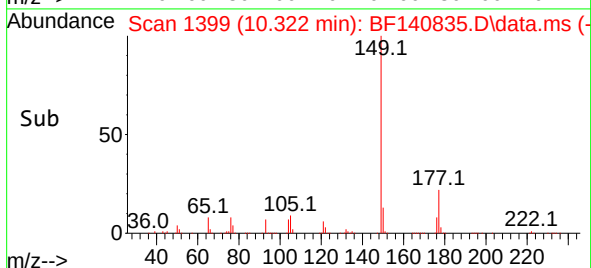
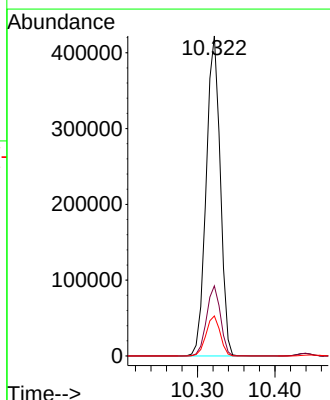
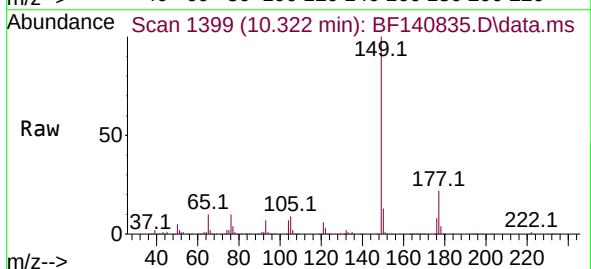
Manual Integrations
APPROVED

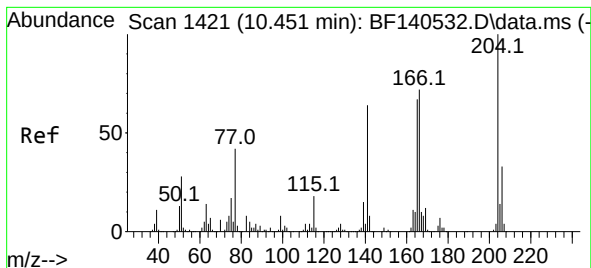
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#60
Diethylphthalate
Concen: 54.911 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

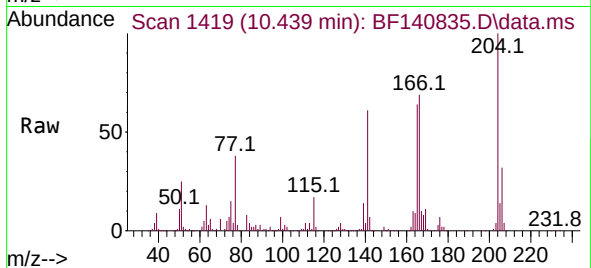
Tgt Ion:149 Resp: 530373
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 54.207 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

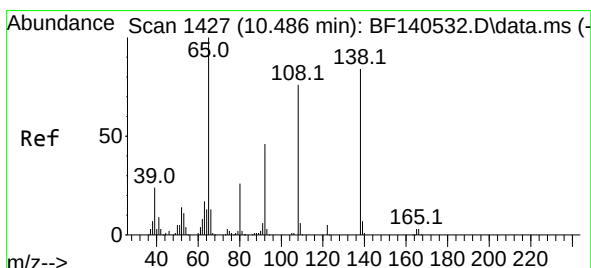
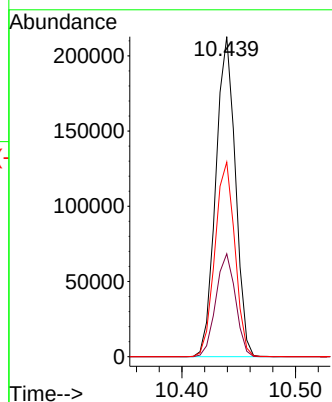
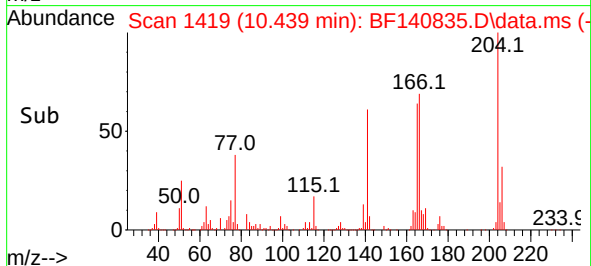
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:204 Resp: 255336
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 60.8 51.1 76.7

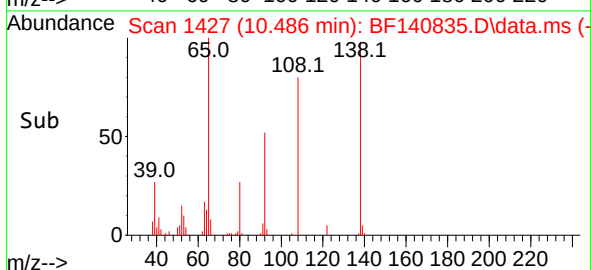
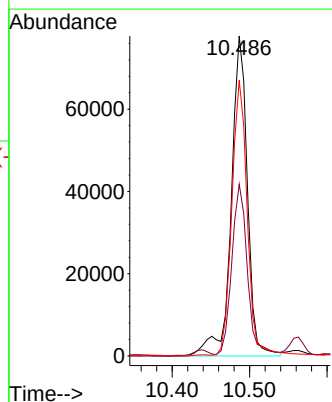
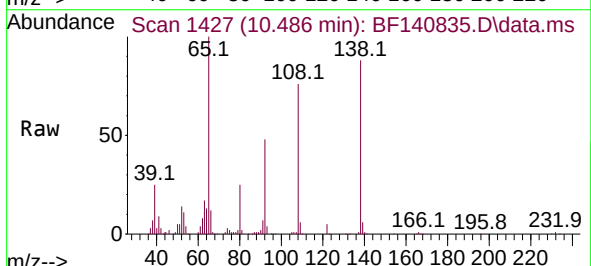
Manual Integrations
APPROVED

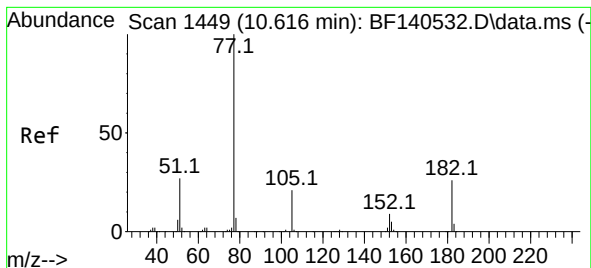
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 51.410 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:138 Resp: 113699
Ion Ratio Lower Upper
138 100
92 53.7 34.5 74.5
108 86.1 70.6 110.6





#63

Azobenzene

Concen: 59.313 ng

RT: 10.598 min Scan# 1446

Delta R.T. -0.018 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 54252

Ion Ratio Lower Upper

77 100

182 24.7 5.3 45.3

105 21.8 0.3 40.3

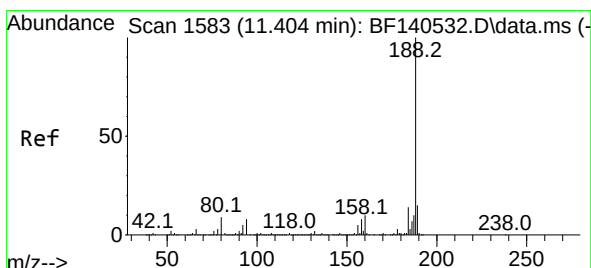
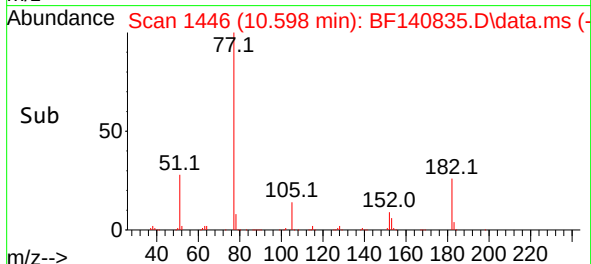
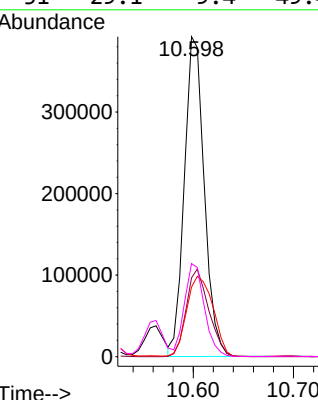
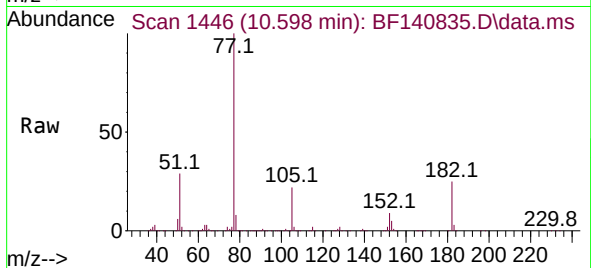
51 29.1 9.4 49.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

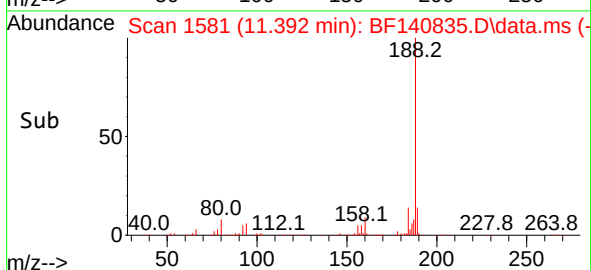
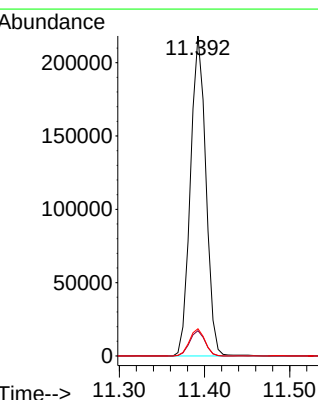
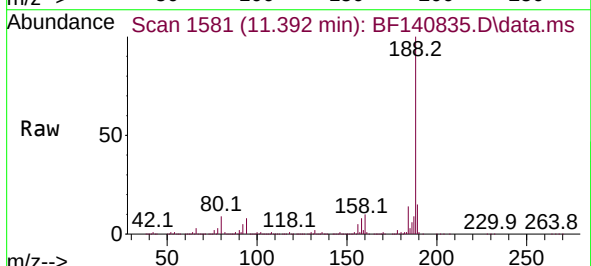
Tgt Ion:188 Resp: 275270

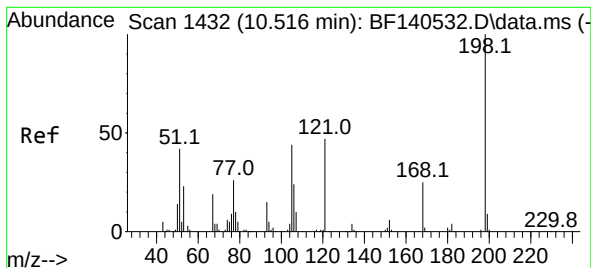
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.5 6.9 10.3





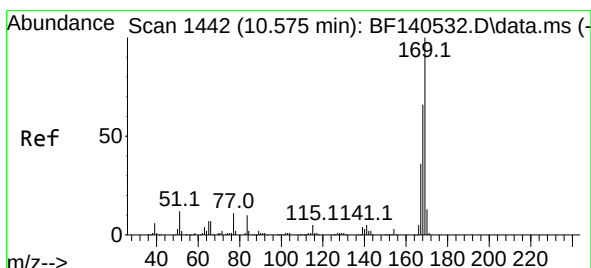
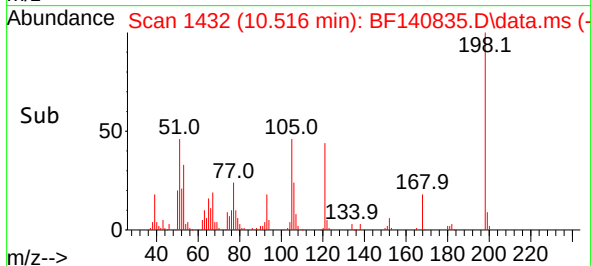
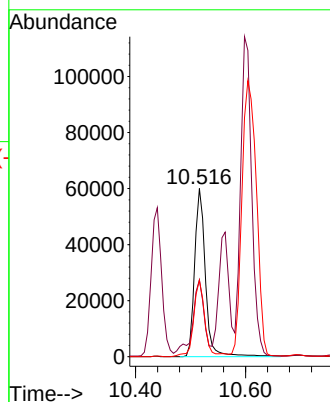
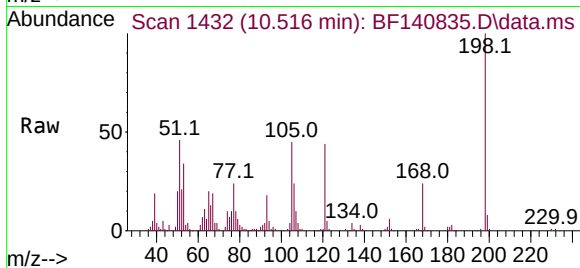
#65
4,6-Dinitro-2-methylphenol
Concen: 58.254 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:198 Resp: 8194
Ion Ratio Lower Upper
198 100
51 45.6 29.4 69.4
105 45.5 25.4 65.4

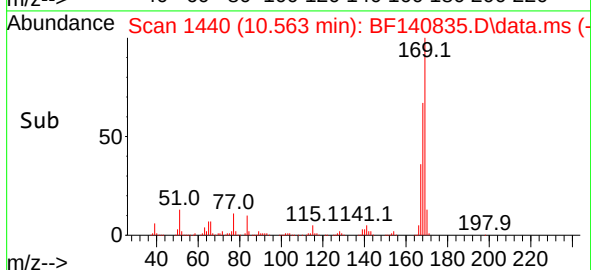
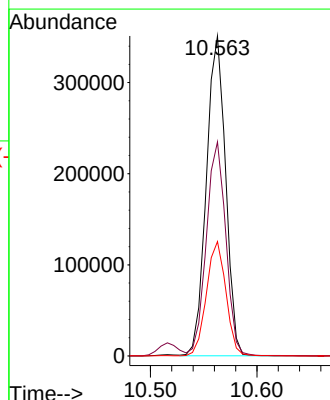
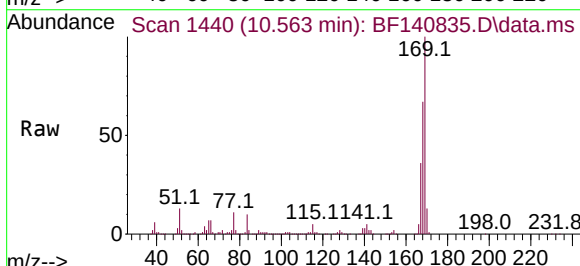
Manual Integrations
APPROVED

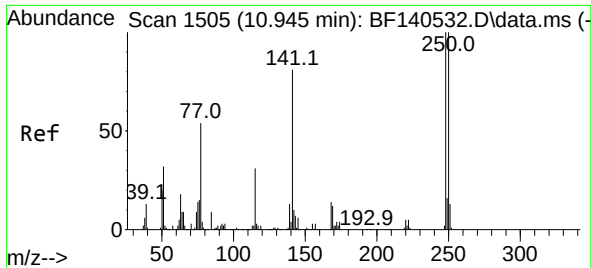
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 54.098 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

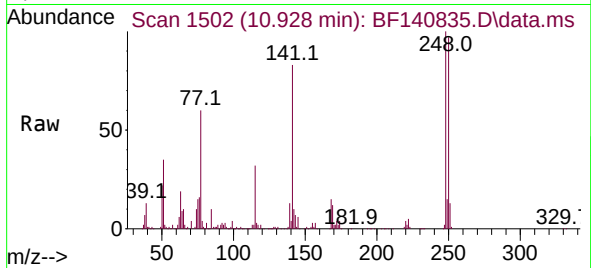
Tgt Ion:169 Resp: 440378
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 35.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 53.729 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

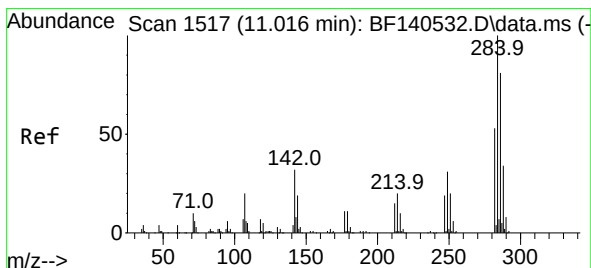
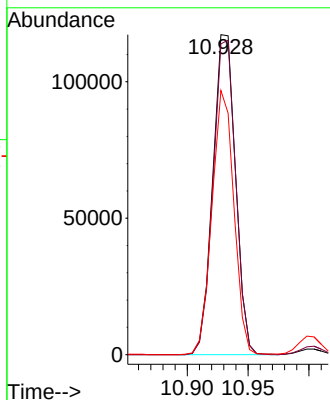
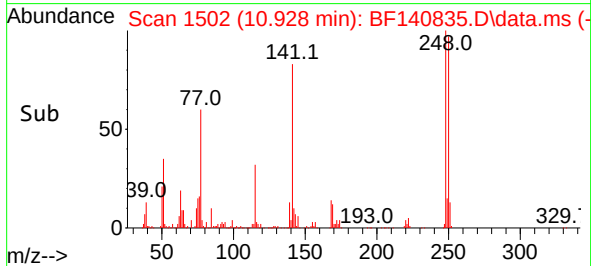
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



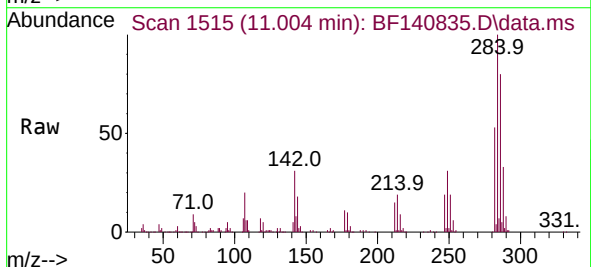
Tgt Ion:248 Resp: 15231
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 82.6 64.7 97.1

Manual Integrations
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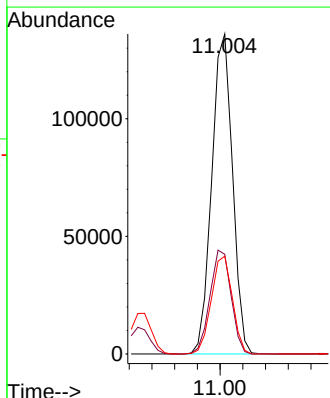
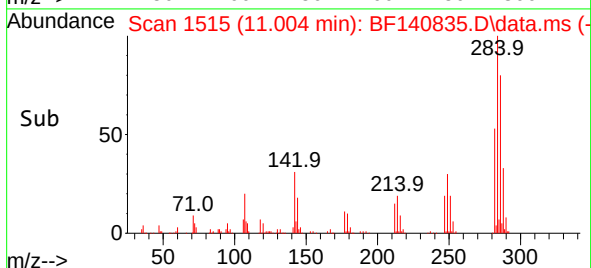
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

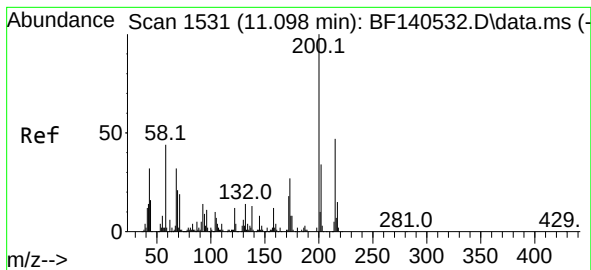


#68
Hexachlorobenzene
Concen: 52.597 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



Tgt Ion:284 Resp: 172648
Ion Ratio Lower Upper
284 100
142 31.1 25.3 37.9
249 30.6 24.8 37.2





#69

Atrazine

Concen: 64.818 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:200 Resp: 148438

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

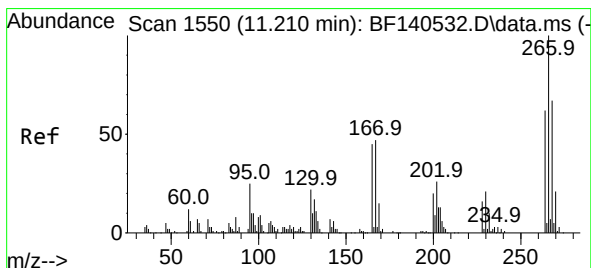
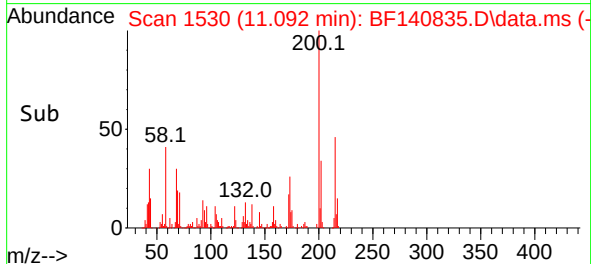
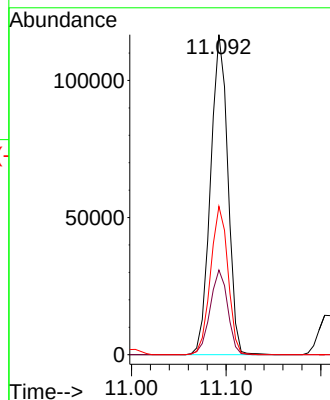
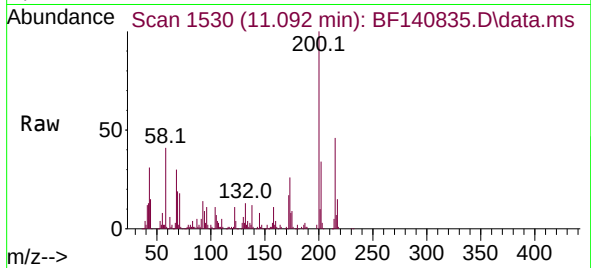
215 46.4 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 87.899 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

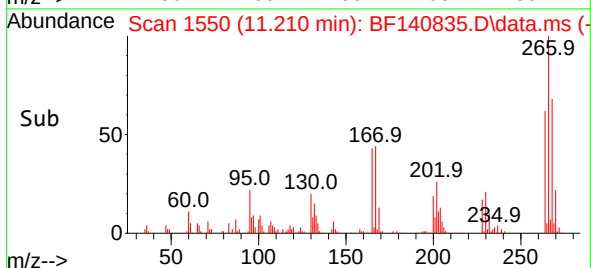
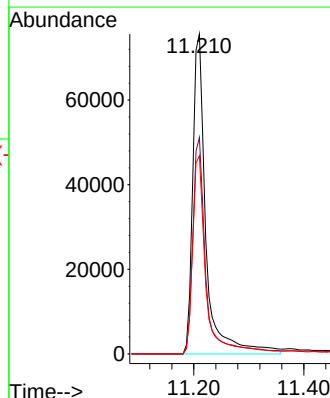
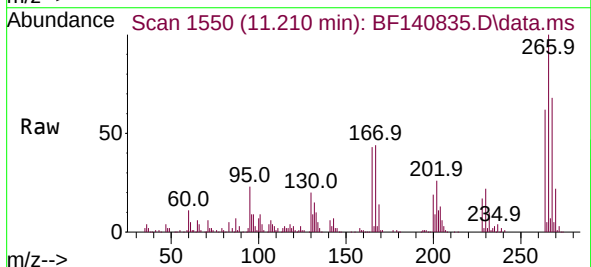
Tgt Ion:266 Resp: 126988

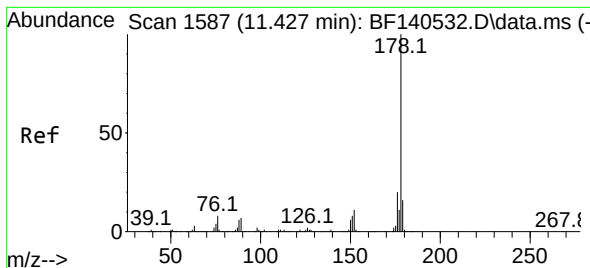
Ion Ratio Lower Upper

266 100

268 67.6 53.7 80.5

264 61.9 49.8 74.8





#71

Phenanthrene

Concen: 53.942 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:178 Resp: 71376

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

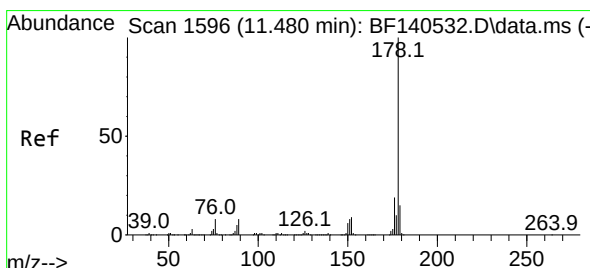
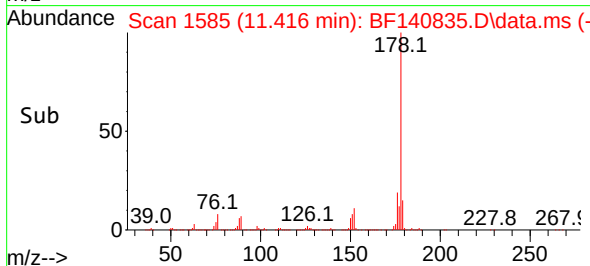
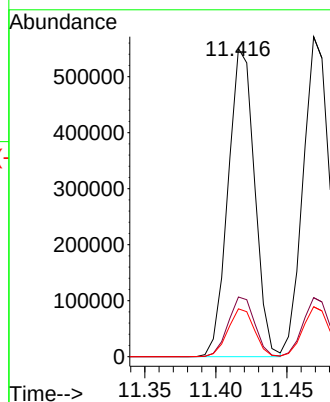
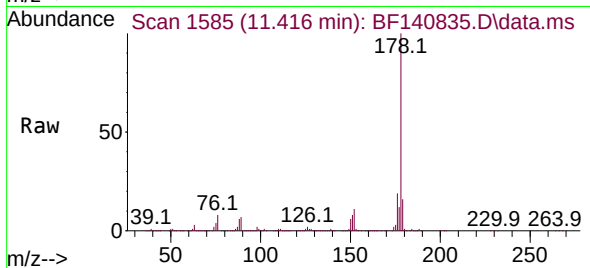
179 15.5 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#72

Anthracene

Concen: 56.902 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

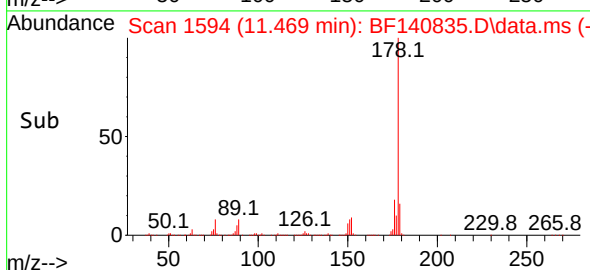
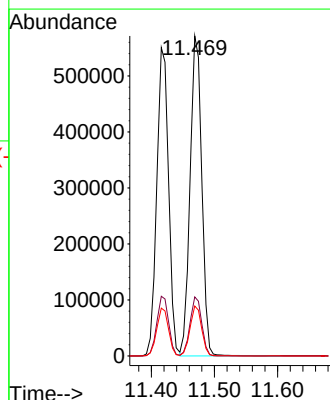
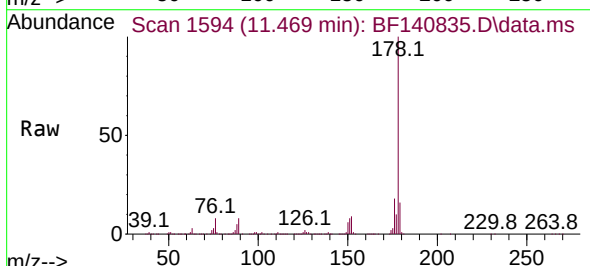
Tgt Ion:178 Resp: 736507

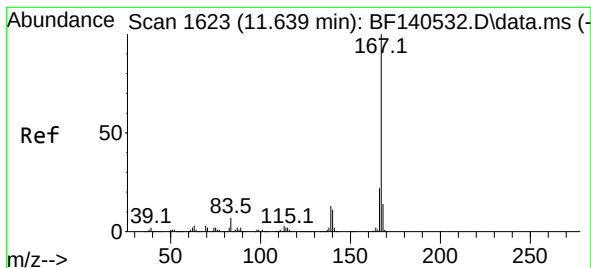
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.6 12.2 18.4





#73

Carbazole

Concen: 52.416 ng

RT: 11.628 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

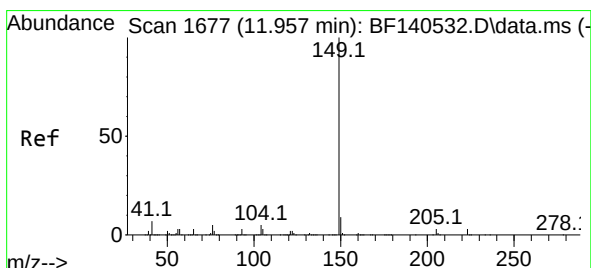
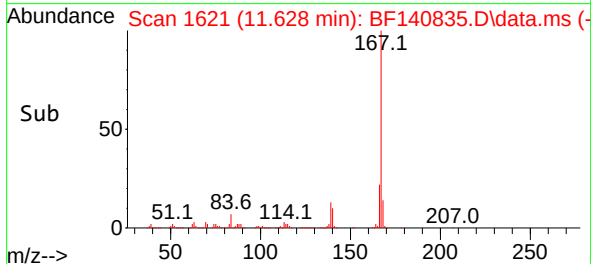
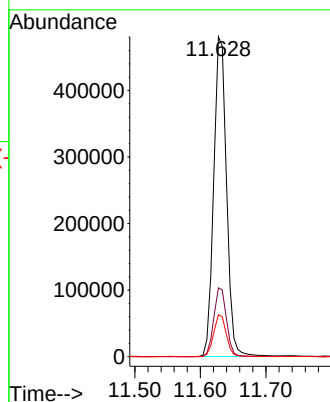
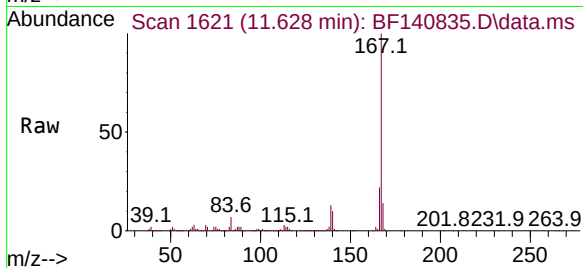
Tgt Ion:167	Resp: 65266
Ion Ratio	Lower Upper
167 100	
166 21.5	17.2 25.8
139 13.1	10.6 15.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#74

Di-n-butylphthalate

Concen: 57.309 ng

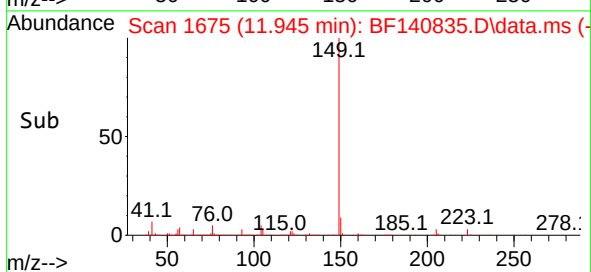
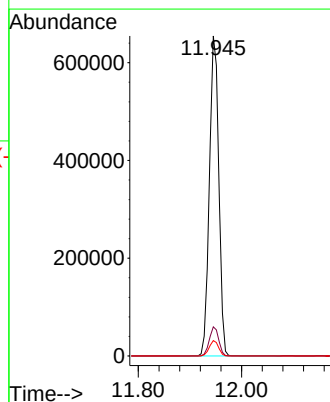
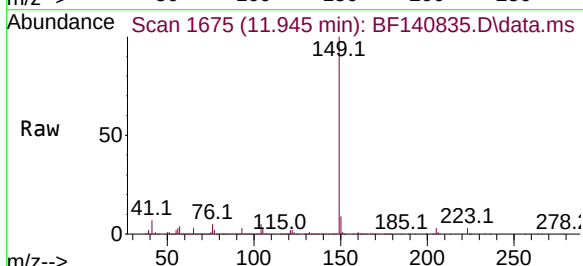
RT: 11.945 min Scan# 1675

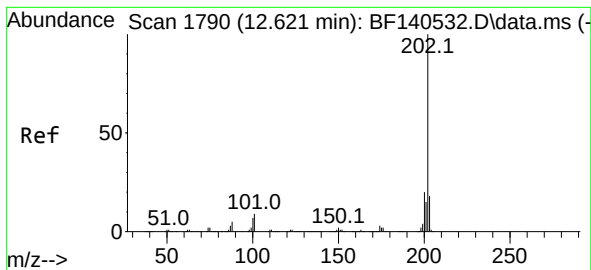
Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

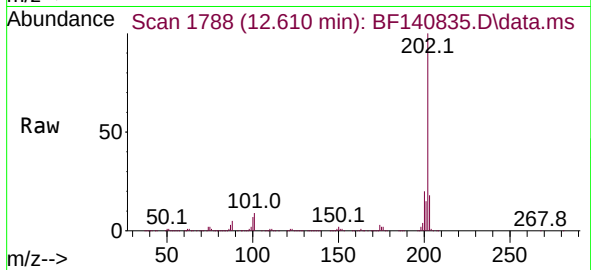
Tgt Ion:149	Resp: 823837
Ion Ratio	Lower Upper
149 100	
150 9.1	7.5 11.3
104 4.8	4.1 6.1





#75
Fluoranthene
Concen: 49.638 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

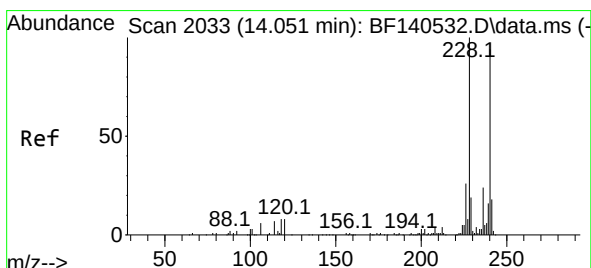
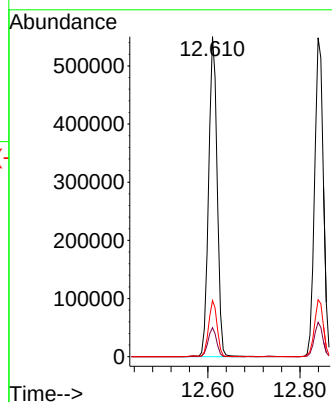
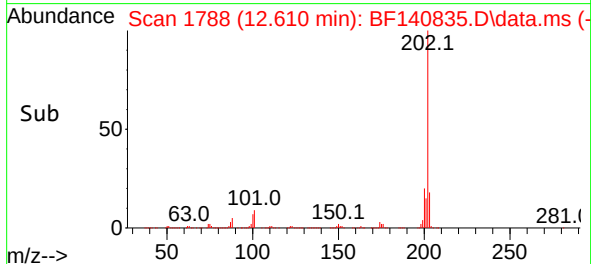
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:202 Resp: 71312
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.6 0.0 37.6

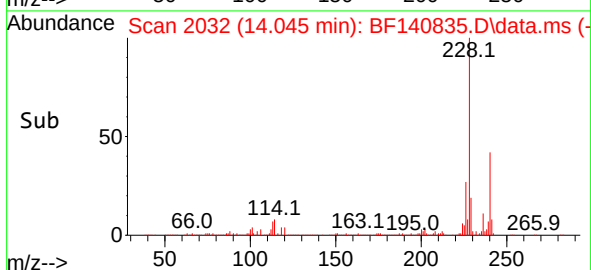
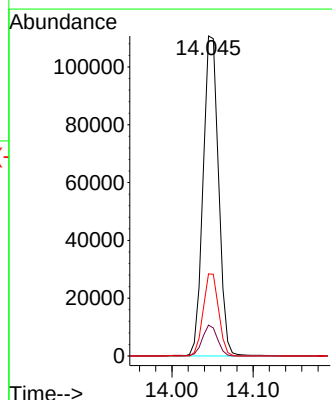
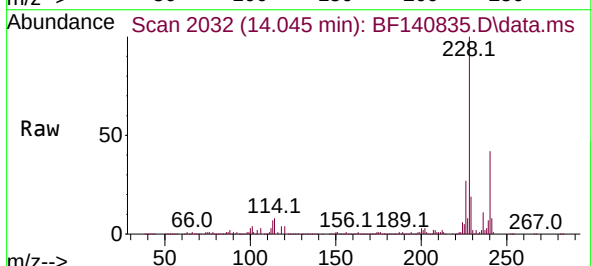
Manual Integrations
APPROVED

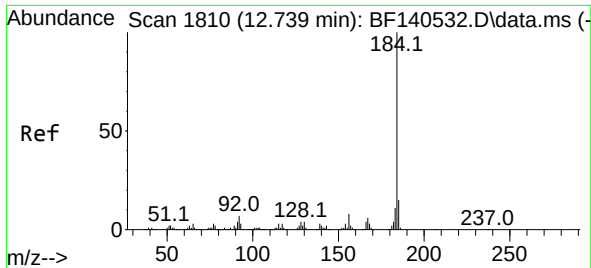
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:240 Resp: 146409
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 25.7 20.6 31.0





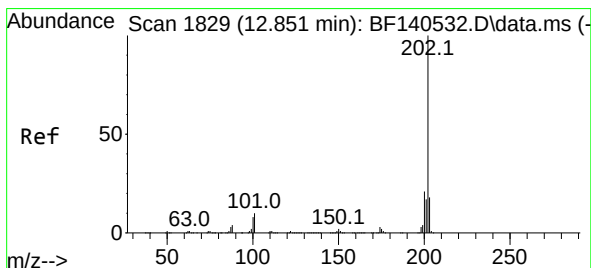
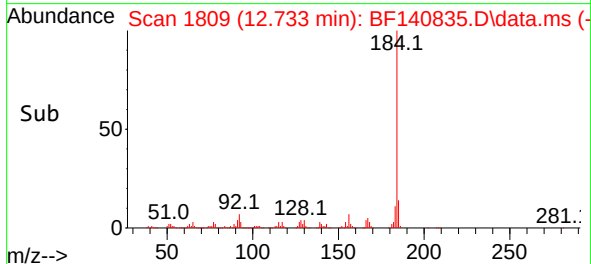
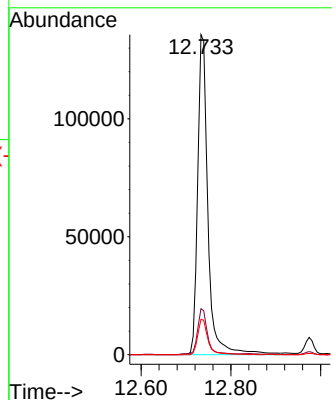
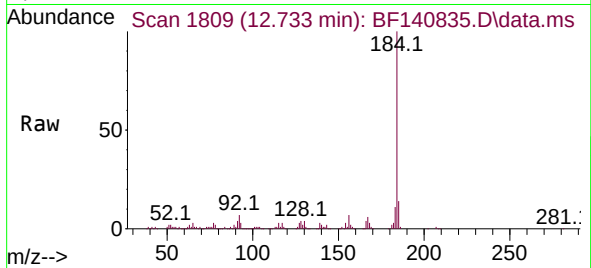
#77
Benzidine
Concen: 50.753 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:184 Resp: 21604
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.1 8.8 13.2

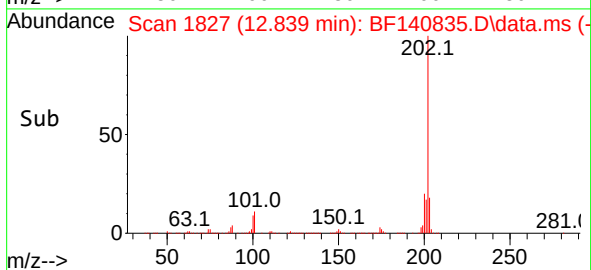
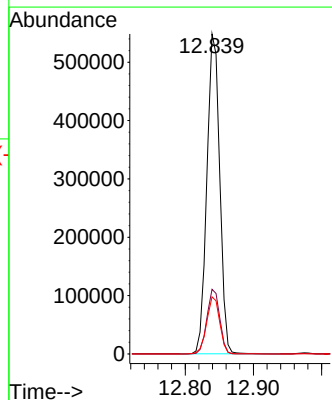
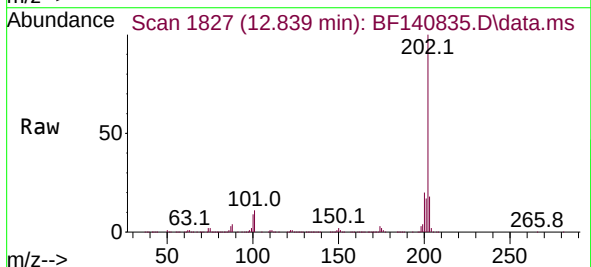
Manual Integrations
APPROVED

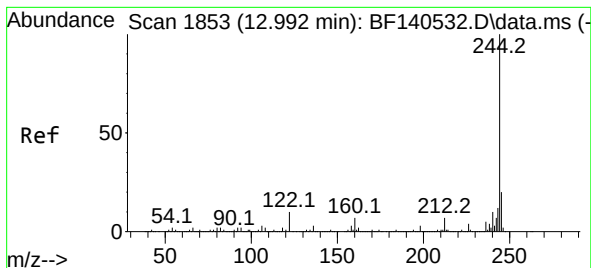
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#78
Pyrene
Concen: 53.047 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:202 Resp: 718109
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 66.094 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:244 Resp: 621440

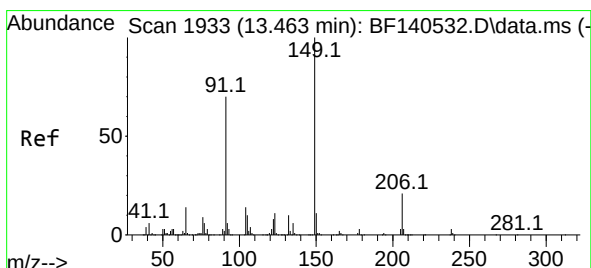
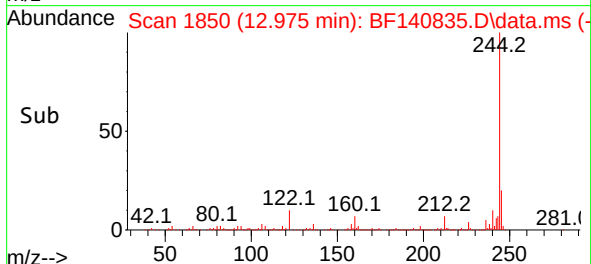
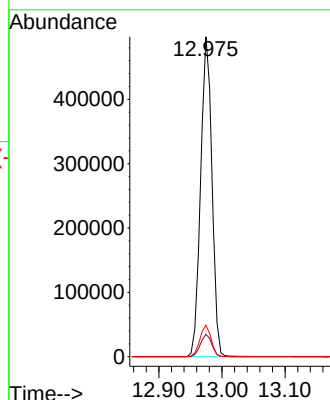
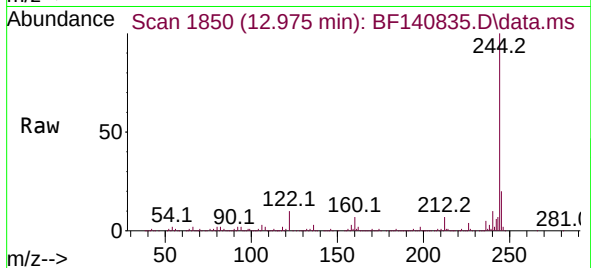
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.8	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#80

Butylbenzylphthalate

Concen: 56.461 ng

RT: 13.451 min Scan# 1931

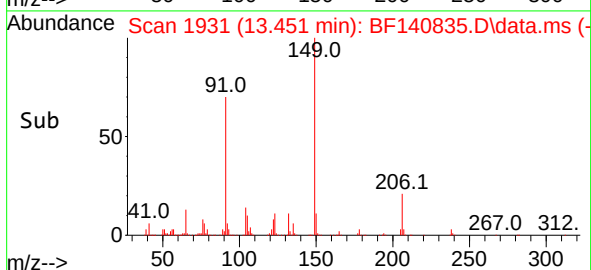
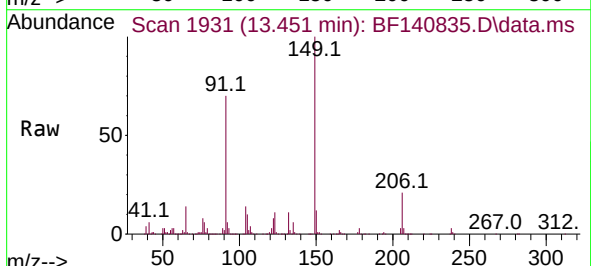
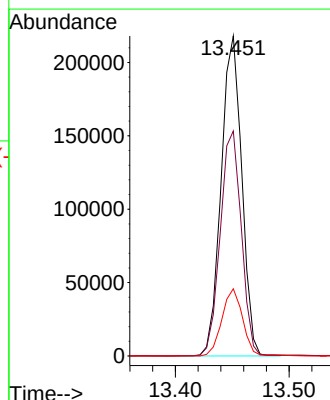
Delta R.T. -0.012 min

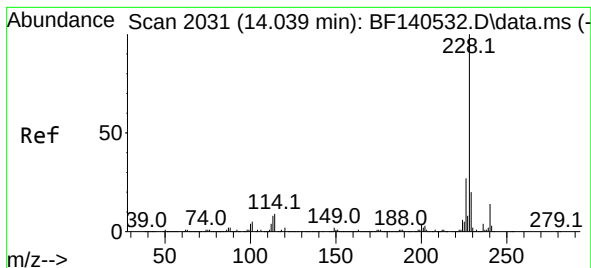
Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Tgt Ion:149 Resp: 275341

Ion	Ratio	Lower	Upper
149	100		
91	70.3	56.2	84.2
206	21.0	16.4	24.6





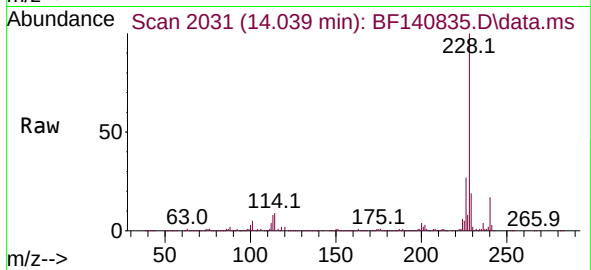
#81
Benzo(a)anthracene
Concen: 55.440 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD



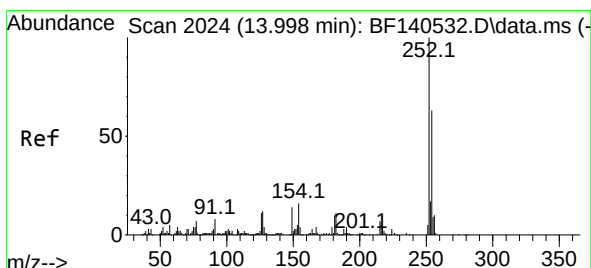
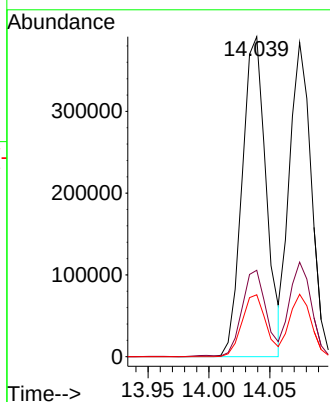
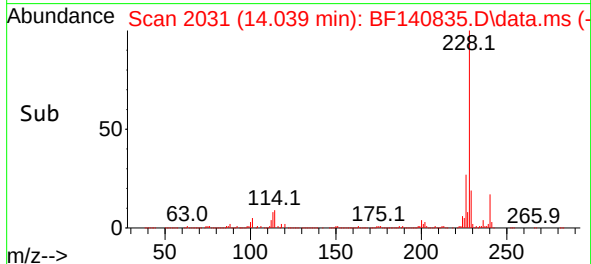
Tgt Ion:228 Resp: 537310
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 19.3 15.8 23.6

Manual Integrations

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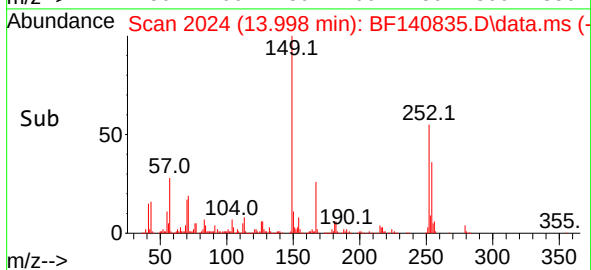
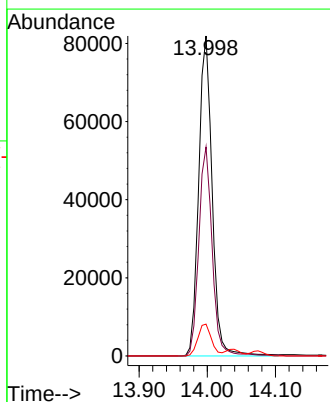
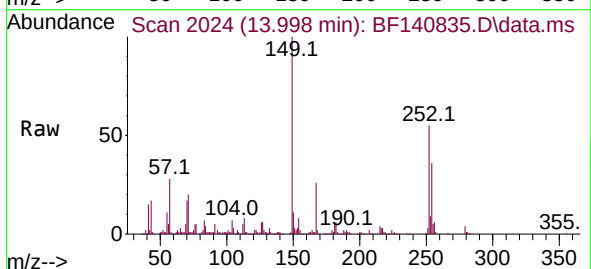
Reviewed By :Yogesh Patel 12/12/2024

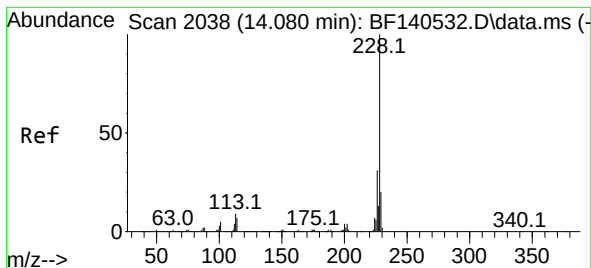
Supervised By :mohammad ahmed 12/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.720 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:252 Resp: 112669
Ion Ratio Lower Upper
252 100
254 65.3 50.8 76.2
126 10.0 8.6 13.0





#83

Chrysene

Concen: 54.138 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

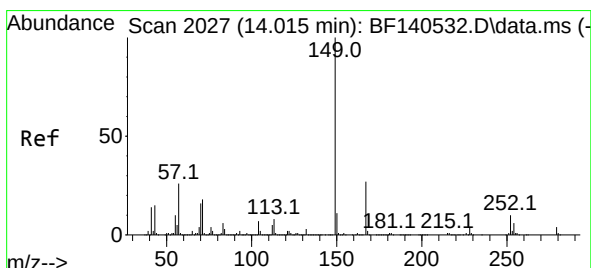
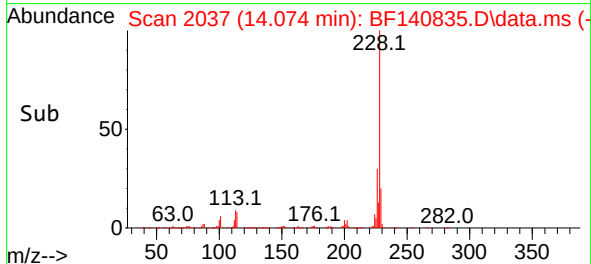
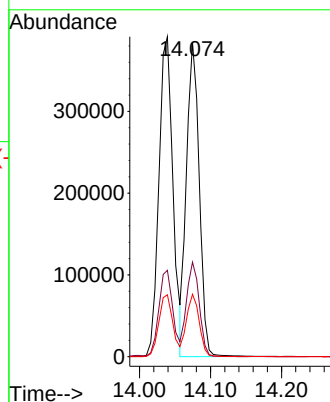
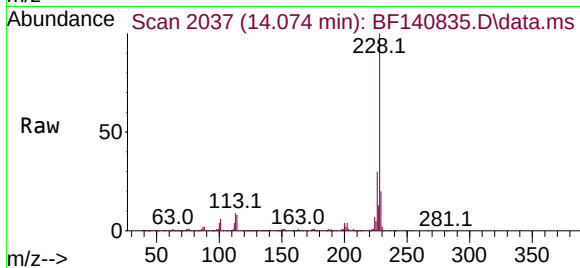
Tgt Ion:	228	Resp:	47976
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.4	36.6
229	19.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.501 ng

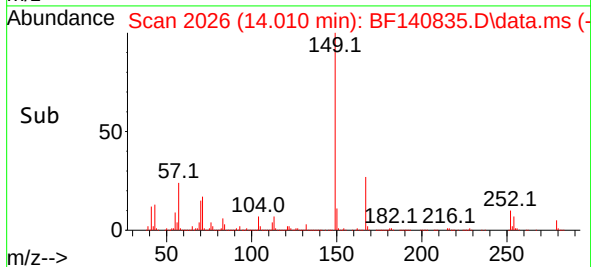
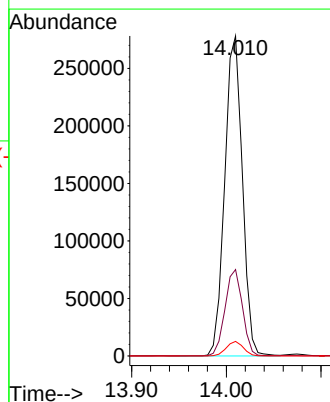
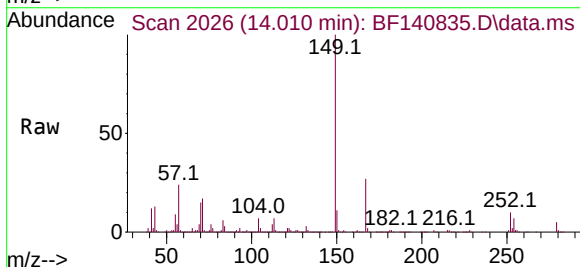
RT: 14.010 min Scan# 2026

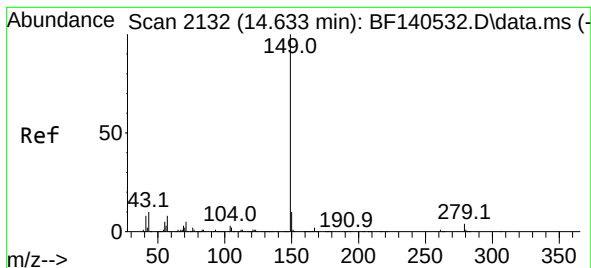
Delta R.T. -0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

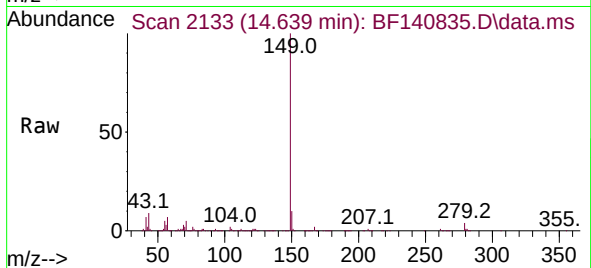
Tgt Ion:	149	Resp:	360238
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.2	31.8
279	4.5	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 66.512 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

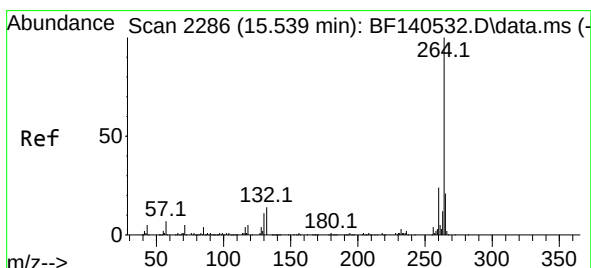
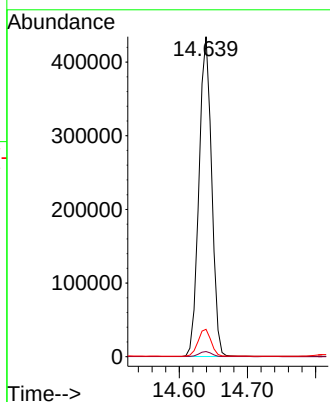
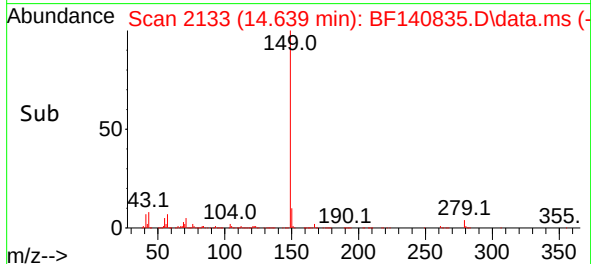
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



Tgt Ion:149 Resp: 55972
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.7 11.5

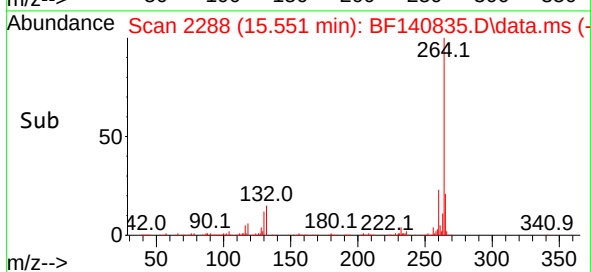
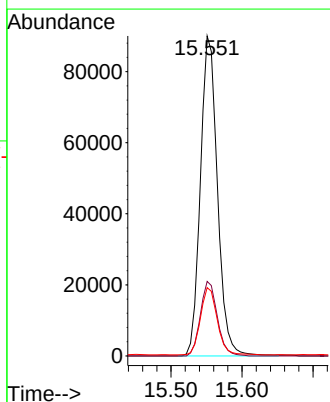
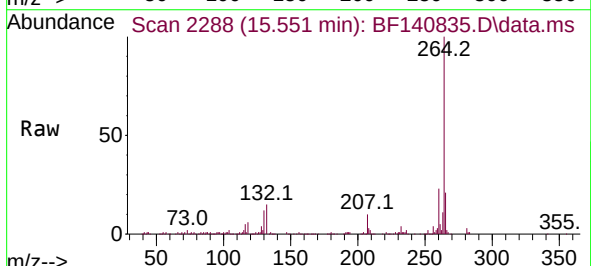
Manual Integrations
APPROVED

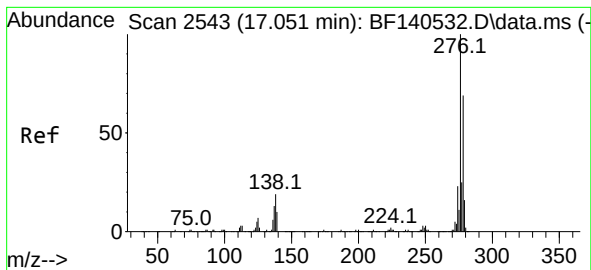
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

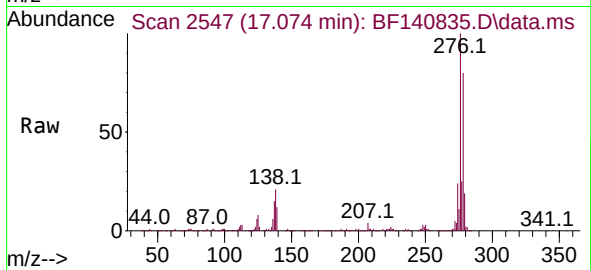
Tgt Ion:264 Resp: 150652
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.4 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 59.355 ng
 RT: 17.074 min Scan# 2114
 Delta R.T. 0.024 min
 Lab File: BF140835.D
 Acq: 11 Dec 2024 17:54

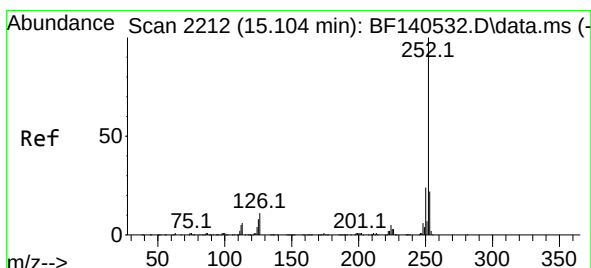
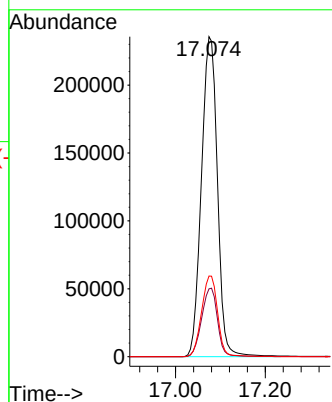
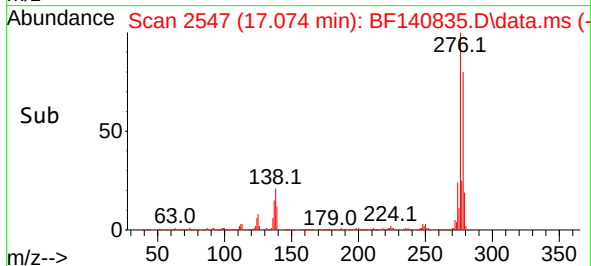
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD



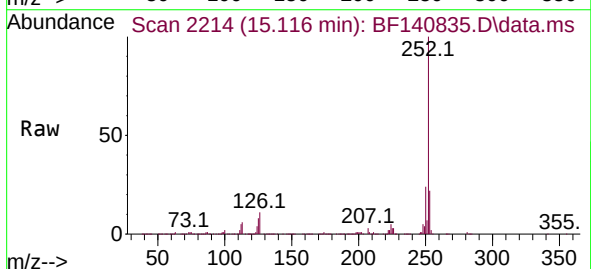
Tgt Ion:276 Resp: 582740
 Ion Ratio Lower Upper
 276 100
 138 21.3 15.5 23.3
 277 25.2 20.1 30.1

Manual Integrations
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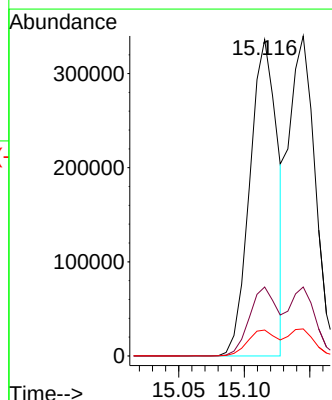
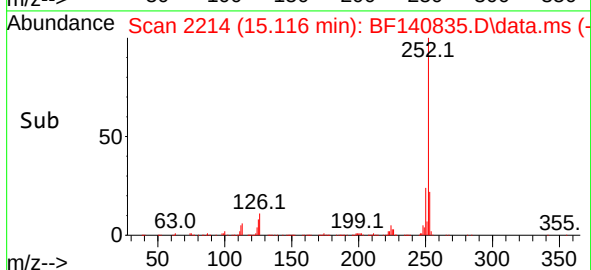
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

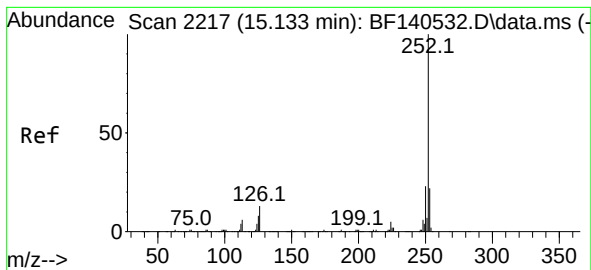


#88
 Benzo(b)fluoranthene
 Concen: 51.927 ng
 RT: 15.116 min Scan# 2214
 Delta R.T. 0.012 min
 Lab File: BF140835.D
 Acq: 11 Dec 2024 17:54



Tgt Ion:252 Resp: 491364
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.2 25.8
 125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 56.931 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

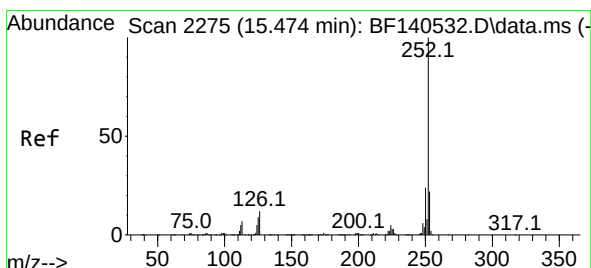
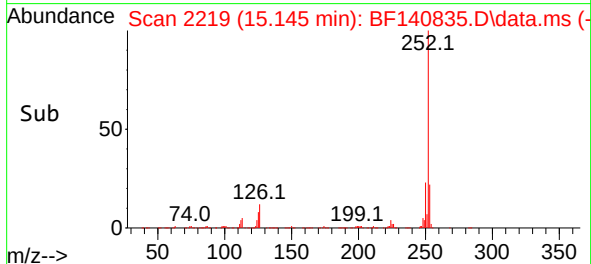
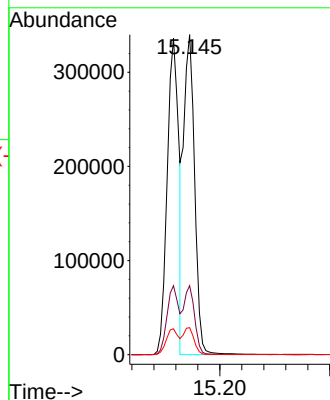
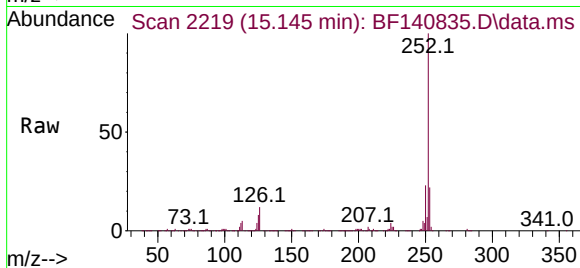
Tgt Ion:252 Resp: 471429
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 8.5 6.5 9.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#90

Benzo(a)pyrene

Concen: 58.826 ng

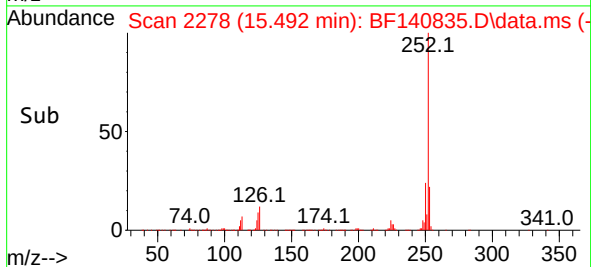
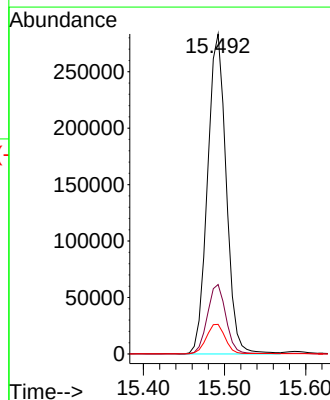
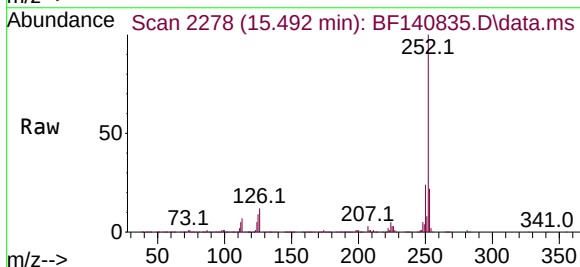
RT: 15.492 min Scan# 2278

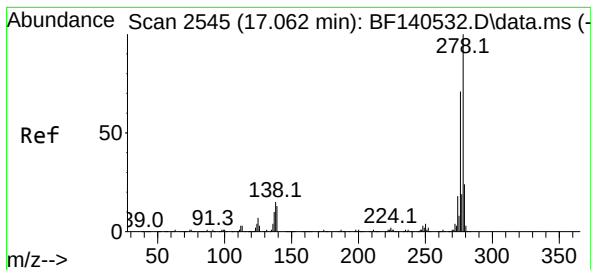
Delta R.T. 0.018 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Tgt Ion:252 Resp: 452601
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 9.3 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 59.976 ng

RT: 17.080 min Scan# 2548

Delta R.T. 0.018 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:278 Resp: 48223

Ion Ratio Lower Upper

278 100

139 14.1 10.2 15.4

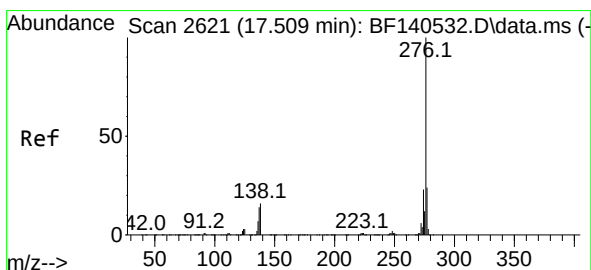
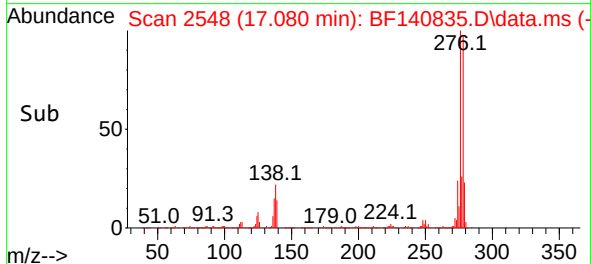
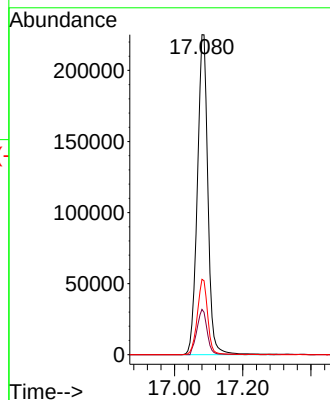
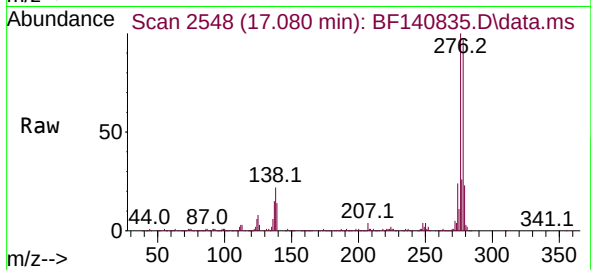
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#92

Benzo(g,h,i)perylene

Concen: 50.781 ng

RT: 17.533 min Scan# 2625

Delta R.T. 0.024 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Tgt Ion:276 Resp: 416651

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 17.8 13.2 19.8

