

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137885.D
 Acq On : 10 May 2024 17:21
 Operator : CG\JU
 Sample : P2432-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-02-011MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 11 00:38:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	153165	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	599948	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	337400	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	548147	20.000	ng	0.00
76) Chrysene-d12	14.245	240	277190	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	320448	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	903635	98.779	ng	0.00
7) Phenol-d6	6.669	99	1127638	97.181	ng	0.00
23) Nitrobenzene-d5	7.610	82	661772	64.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	346188	100.492	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1441609	69.319	ng	-0.01
79) Terphenyl-d14	13.174	244	1190835	71.997	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.046	88	173788	42.187	ng	97
3) Pyridine	3.787	79	428241	42.953	ng	94
4) n-Nitrosodimethylamine	3.752	42	199259	44.383	ng	93
6) Aniline	6.710	93	384411m	33.425	ng	
8) 2-Chlorophenol	6.834	128	486356	48.784	ng	98
9) Benzaldehyde	6.598	77	145252	23.245	ng	95
10) Phenol	6.681	94	563468	47.391	ng	99
11) bis(2-Chloroethyl)ether	6.781	93	428516	46.029	ng	100
12) 1,3-Dichlorobenzene	6.993	146	518235	46.097	ng	98
13) 1,4-Dichlorobenzene	7.069	146	512982	45.475	ng	98
14) 1,2-Dichlorobenzene	7.222	146	491993	46.306	ng	100
15) Benzyl Alcohol	7.187	79	381298	47.518	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	548330	41.903	ng	98
17) 2-Methylphenol	7.287	107	374763	46.587	ng	98
18) Hexachloroethane	7.563	117	174577	45.778	ng	98
19) n-Nitroso-di-n-propyla...	7.457	70	304907	43.970	ng	96
20) 3+4-Methylphenols	7.440	107	486201	45.939	ng	96
22) Acetophenone	7.457	105	635235	47.079	ng	99
24) Nitrobenzene	7.634	77	465054	43.696	ng	93
25) Isophorone	7.869	82	846725	45.477	ng	98
26) 2-Nitrophenol	7.945	139	256190	53.156	ng	92
27) 2,4-Dimethylphenol	7.975	122	348659	50.250	ng	98
28) bis(2-Chloroethoxy)met...	8.075	93	508617	45.118	ng	99
29) 2,4-Dichlorophenol	8.187	162	404211	48.197	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	426188	46.615	ng	99
31) Naphthalene	8.357	128	1380093	46.289	ng	100
32) Benzoic acid	8.081	122	262989	43.935	ng	97
33) 4-Chloroaniline	8.398	127	109372	9.893	ng	97
34) Hexachlorobutadiene	8.469	225	255185	45.462	ng	99
35) Caprolactam	8.775	113	125095m	47.077	ng	
36) 4-Chloro-3-methylphenol	8.875	107	421645	48.211	ng	95
37) 2-Methylnaphthalene	9.051	142	913954	47.357	ng	99
38) 1-Methylnaphthalene	9.151	142	851119	44.826	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	435503	48.734	ng	99
41) Hexachlorocyclopentadiene	9.198	237	435069	119.864	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	291272	47.883	ng	98

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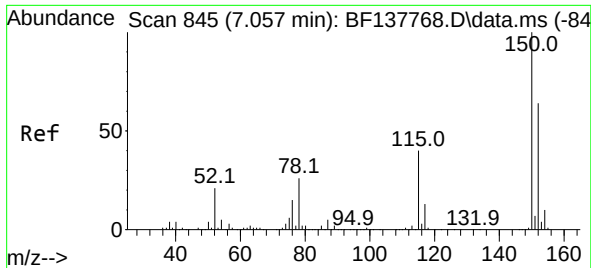
Manual Integrations
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Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	312874	46.581	ng	98
46) 1,1'-Biphenyl	9.516	154	1133241	48.941	ng	99
47) 2-Chloronaphthalene	9.539	162	873872	46.745	ng	98
48) 2-Nitroaniline	9.634	65	236699	46.686	ng	97
49) Acenaphthylene	9.963	152	1393147	51.517	ng	99
50) Dimethylphthalate	9.810	163	1041921	48.917	ng	100
51) 2,6-Dinitrotoluene	9.875	165	234407	48.156	ng	95
52) Acenaphthene	10.133	154	885330	49.391	ng	99
53) 3-Nitroaniline	10.045	138	145019	28.449	ng	98
54) 2,4-Dinitrophenol	10.151	184	204044	85.311	ng	96
55) Dibenzofuran	10.304	168	1234586	47.329	ng	99
56) 4-Nitrophenol	10.198	139	289687	68.568	ng	98
57) 2,4-Dinitrotoluene	10.281	165	301227	47.368	ng	94
58) Fluorene	10.651	166	940287	45.293	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	247948	45.469	ng	99
60) Diethylphthalate	10.510	149	972970	48.097	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	483395	47.257	ng	97
62) 4-Nitroaniline	10.663	138	183143	35.422	ng	94
63) Azobenzene	10.798	77	897043	45.881	ng	96
65) 4,6-Dinitro-2-methylph...	10.686	198	151838	48.261	ng	90
66) n-Nitrosodiphenylamine	10.757	169	841118	51.262	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	297069	50.639	ng	95
68) Hexachlorobenzene	11.198	284	317475	49.522	ng	94
69) Atrazine	11.280	200	271145	54.196	ng	99
70) Pentachlorophenol	11.392	266	334637	76.031	ng	98
71) Phenanthrene	11.616	178	1233785	46.179	ng	99
72) Anthracene	11.669	178	1270709	47.800	ng	100
73) Carbazole	11.822	167	1006873	39.300	ng	99
74) Di-n-butylphthalate	12.139	149	1360889	48.695	ng	100
75) Fluoranthene	12.810	202	1090394	37.335	ng	99
77) Benzidine	12.927	184	337301	52.615	ng	99
78) Pyrene	13.045	202	1071167	48.739	ng	99
80) Butylbenzylphthalate	13.645	149	380829	54.613	ng	98
81) Benzo(a)anthracene	14.233	228	846920	47.771	ng	99
82) 3,3'-Dichlorobenzidine	14.186	252	167828	31.621	ng	99
83) Chrysene	14.269	228	815298	49.114	ng	99
84) Bis(2-ethylhexyl)phtha...	14.198	149	510748	58.118	ng	100
85) Di-n-octyl phthalate	14.827	149	875579	74.031	ng	97
87) Indeno(1,2,3-cd)pyrene	17.445	276	710967	39.025	ng	99
88) Benzo(b)fluoranthene	15.339	252	938711	47.083	ng	99
89) Benzo(k)fluoranthene	15.374	252	865967	44.938	ng	97
90) Benzo(a)pyrene	15.745	252	821031	50.477	ng	100
91) Dibenzo(a,h)anthracene	17.462	278	571428	38.534	ng	99
92) Benzo(g,h,i)perylene	17.945	276	533703	34.331	ng	98

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



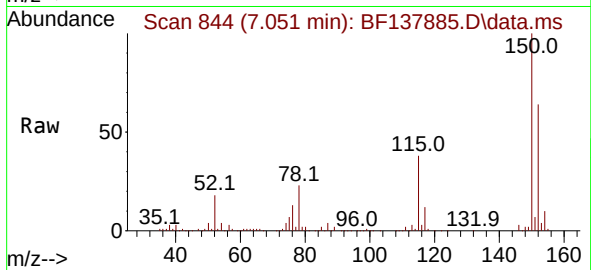
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



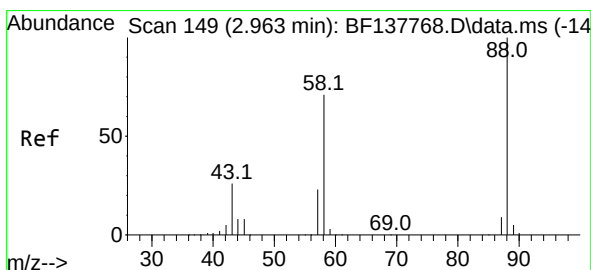
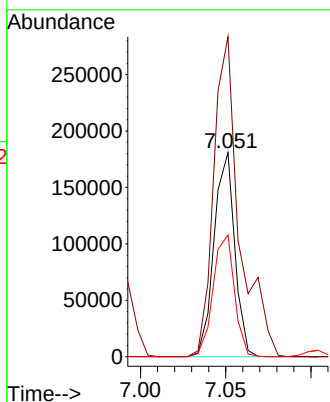
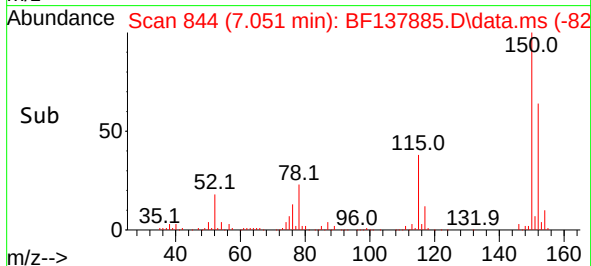
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Ion Ratio Lower Upper
152 100
150 156.8 124.1 186.1
115 59.7 49.1 73.7

Manual Integrations

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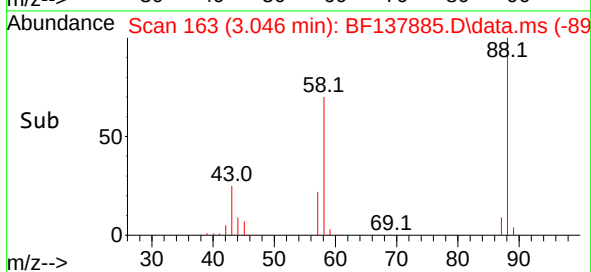
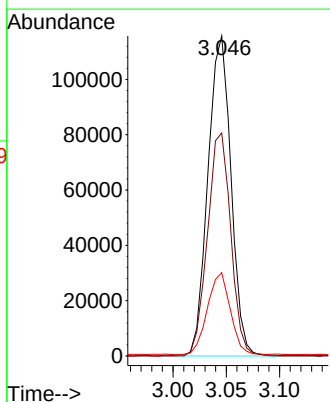
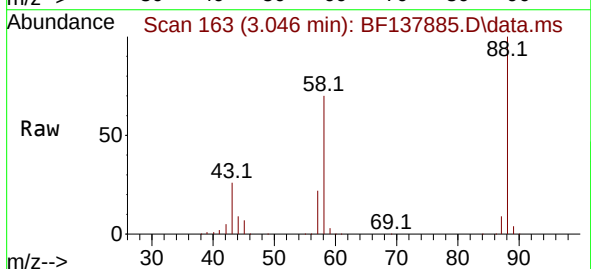
Reviewed By :Yogesh Patel 05/13/2024

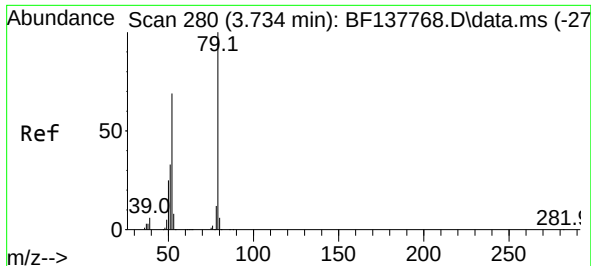
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 42.187 ng
RT: 3.046 min Scan# 163
Delta R.T. 0.082 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion: 88 Resp: 173788
Ion Ratio Lower Upper
88 100
58 71.0 58.8 88.2
43 25.5 21.4 32.0





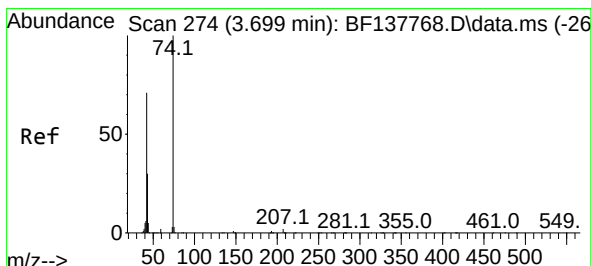
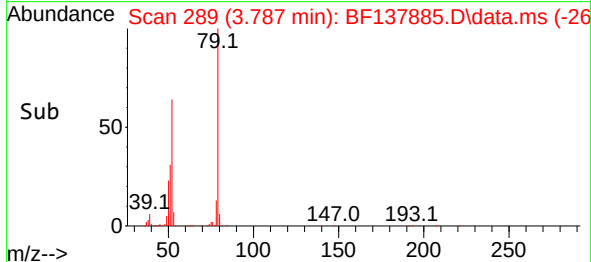
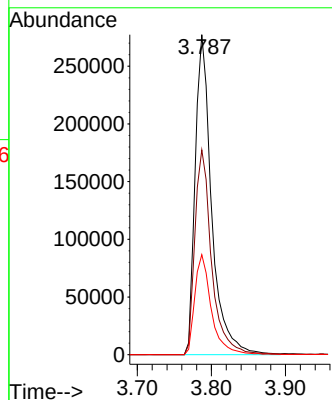
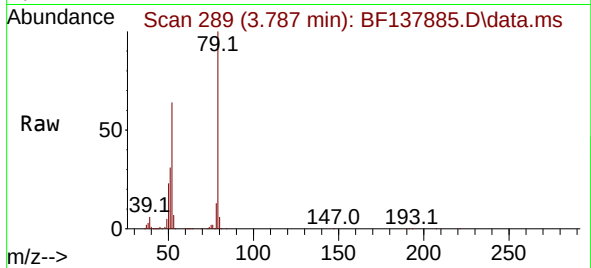
#3
Pyridine
Concen: 42.953 ng
RT: 3.787 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :
BNA_F
ClientSampleId :
B-02-011MSD

Tgt Ion: 79 Resp: 42824
Ion Ratio Lower Upper
79 100
52 64.0 55.5 83.3
51 31.3 26.9 40.3

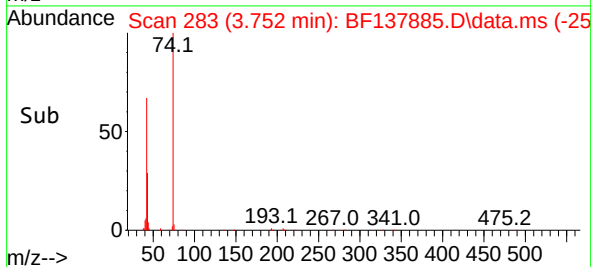
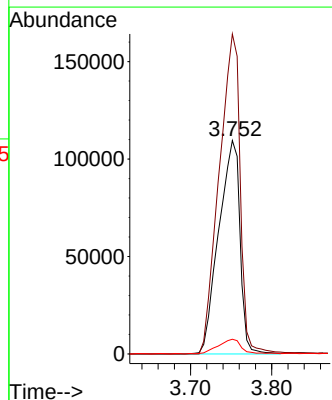
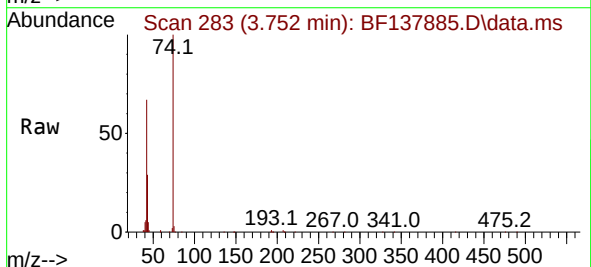
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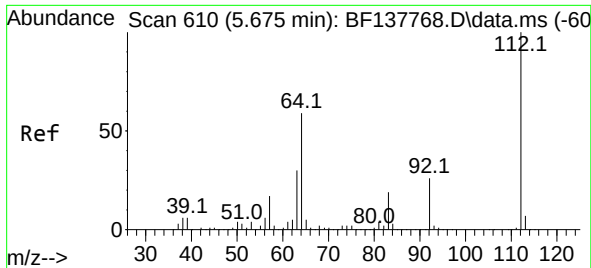
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#4
n-Nitrosodimethylamine
Concen: 44.383 ng
RT: 3.752 min Scan# 283
Delta R.T. 0.053 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion: 42 Resp: 199259
Ion Ratio Lower Upper
42 100
74 149.9 112.9 169.3
44 6.9 5.6 8.4





#5
2-Fluorophenol
Concen: 98.779 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

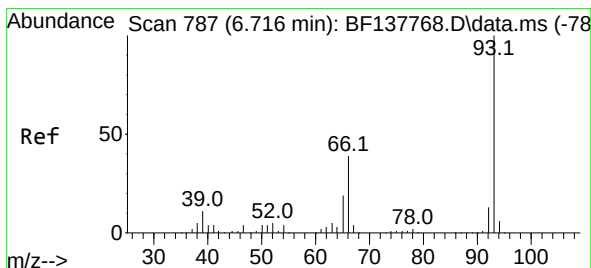
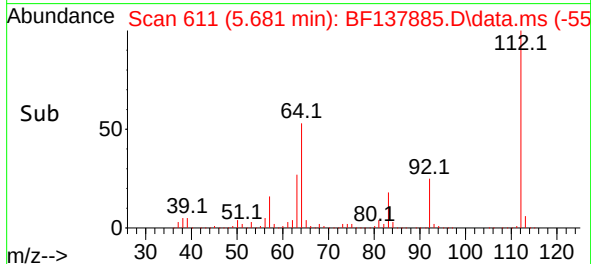
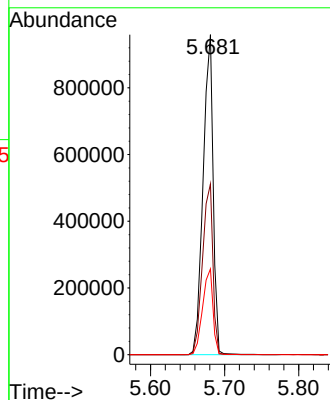
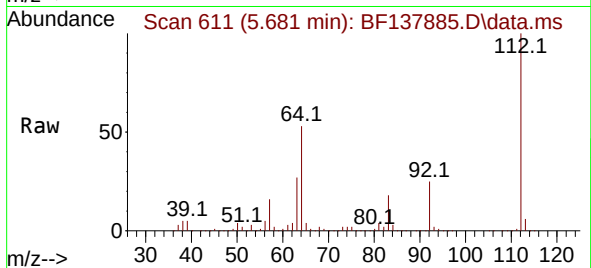
B-02-011MSD

Tgt Ion:112 Resp: 90363
Ion Ratio Lower Upper
112 100
64 53.3 47.3 70.9
63 26.8 23.7 35.5

Manual Integrations

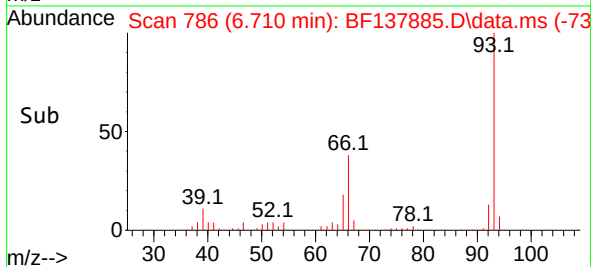
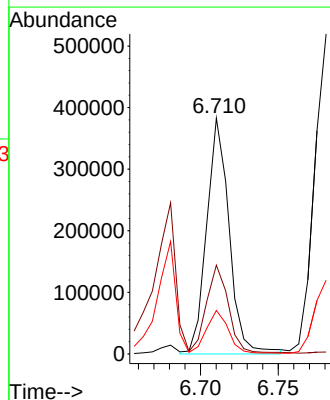
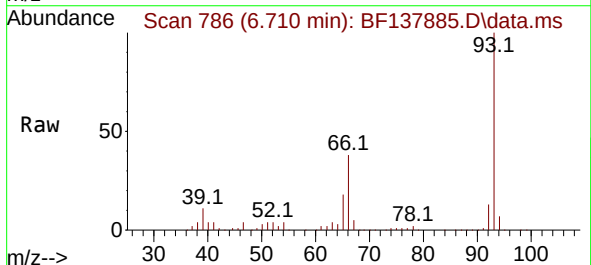
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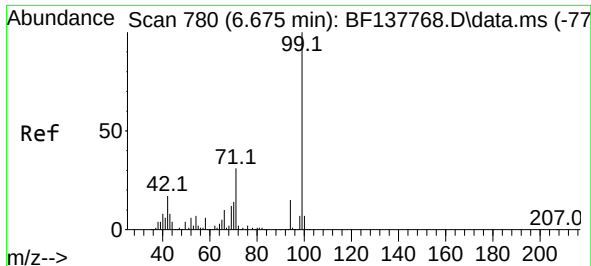
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#6
Aniline
Concen: 33.425 ng m
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

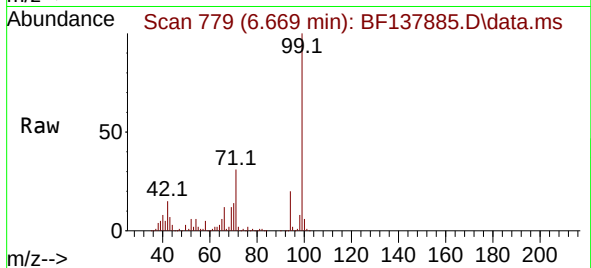
Tgt Ion: 93 Resp: 384411
Ion Ratio Lower Upper
93 100
66 37.7 31.8 47.6
65 18.4 15.4 23.2





#7
Phenol-d6
Concen: 97.181 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

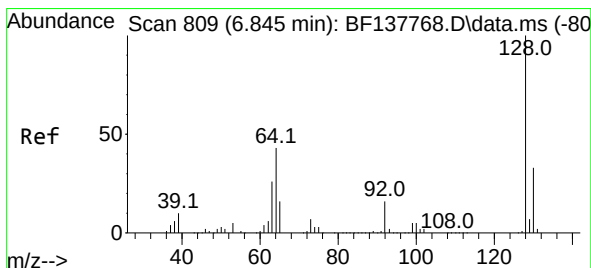
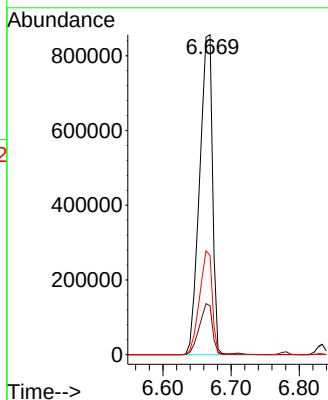
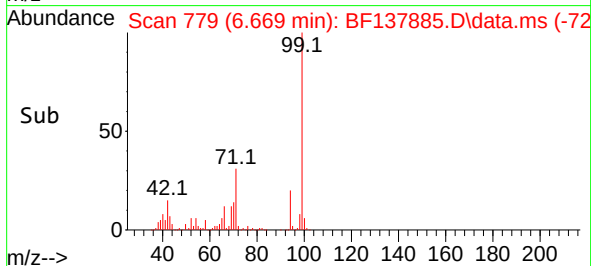
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BNA_F
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Tgt Ion: 99 Resp: 1127638
Ion Ratio Lower Upper
99 100
42 15.3 13.2 19.8
71 31.0 25.0 37.4

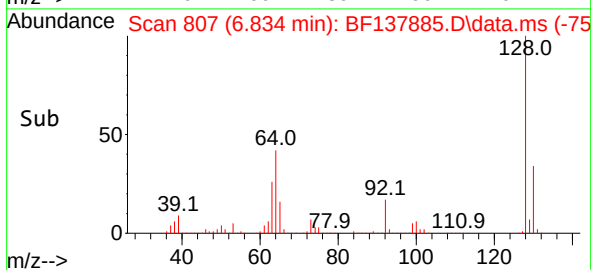
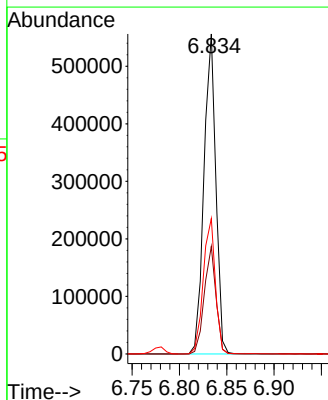
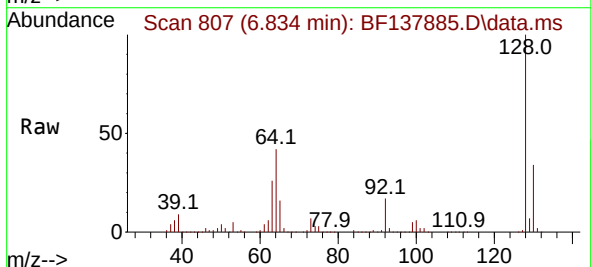
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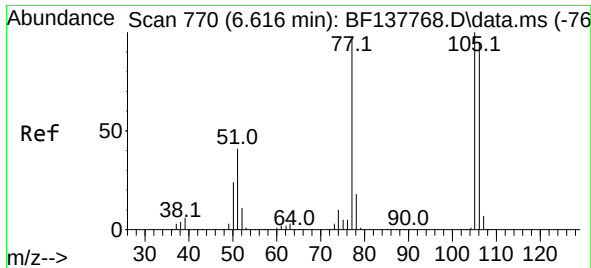
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#8
2-Chlorophenol
Concen: 48.784 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:128 Resp: 486356
Ion Ratio Lower Upper
128 100
130 33.6 12.5 52.5
64 42.3 23.9 63.9





#9
Benzaldehyde
Concen: 23.245 ng
RT: 6.598 min Scan# 770
Delta R.T. -0.018 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

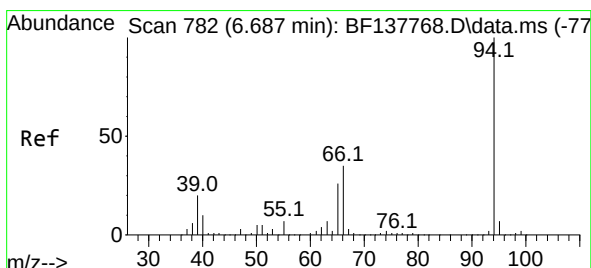
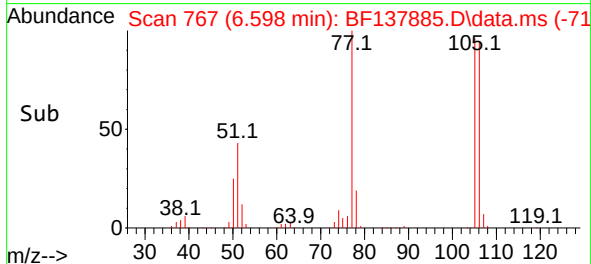
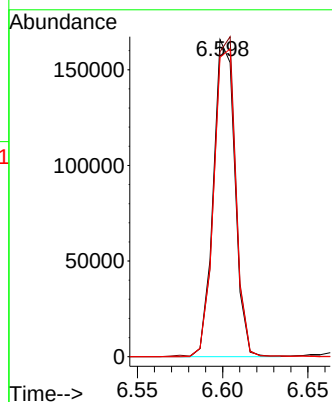
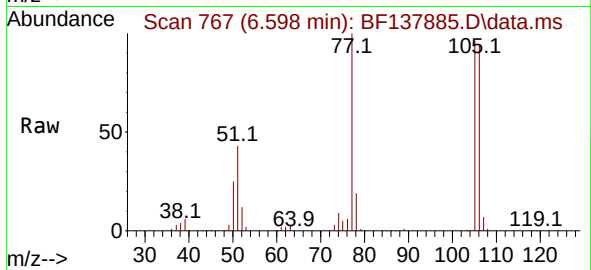
ClientSampleId :

B-02-011MSD

Tgt Ion: 77 Resp: 145252
Ion Ratio Lower Upper
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105 96.1 83.2 123.2
106 94.4 77.7 117.7

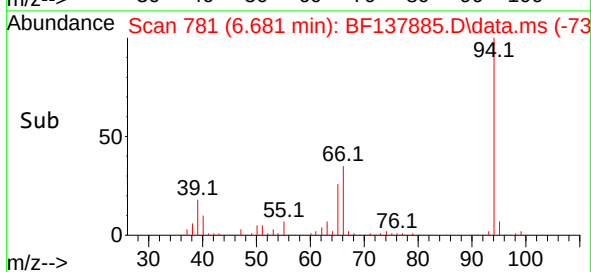
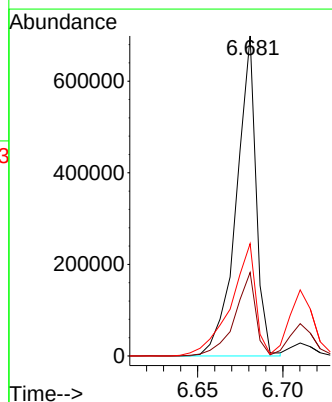
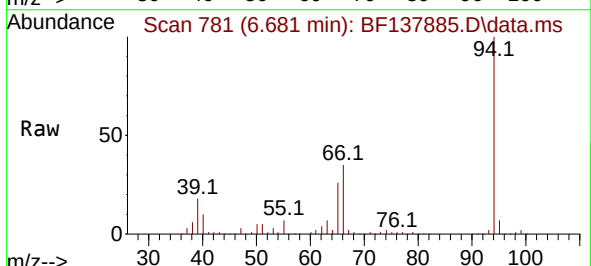
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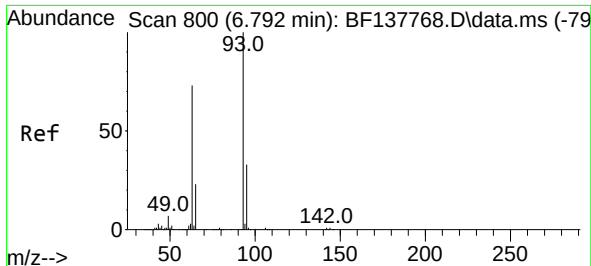
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#10
Phenol
Concen: 47.391 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion: 94 Resp: 563468
Ion Ratio Lower Upper
94 100
65 26.1 6.4 46.4
66 35.1 15.4 55.4





#11

bis(2-Chloroethyl)ether

Concen: 46.029 ng

RT: 6.781 min Scan# 79

Delta R.T. -0.012 min

Lab File: BF137885.D

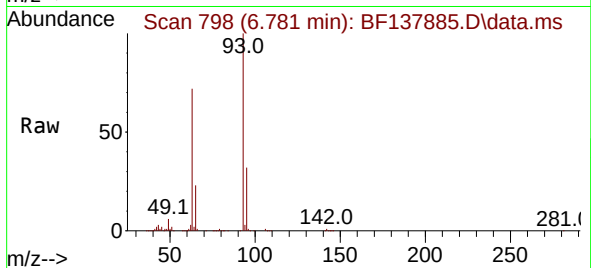
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



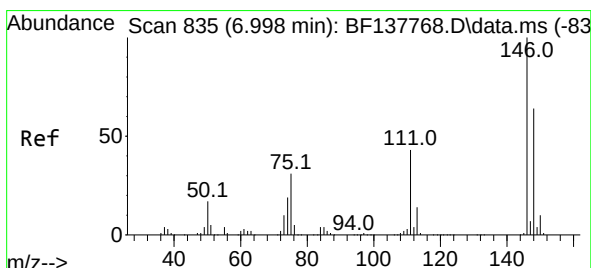
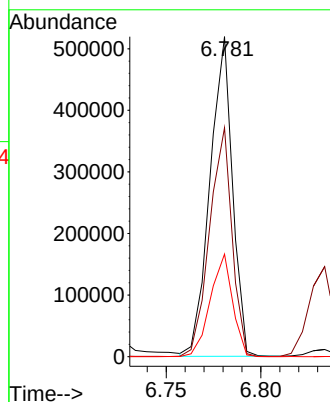
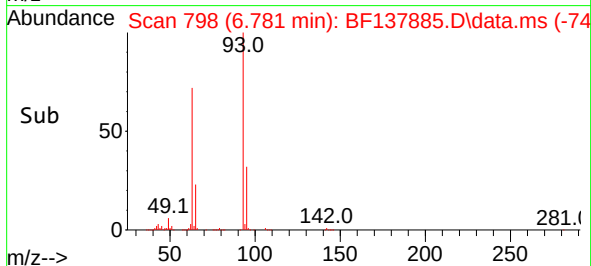
Tgt Ion: 93	Resp: 428510
Ion Ratio	Lower Upper
93 100	
63 71.5	51.6 91.6
95 32.1	12.1 52.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#12

1,3-Dichlorobenzene

Concen: 46.097 ng

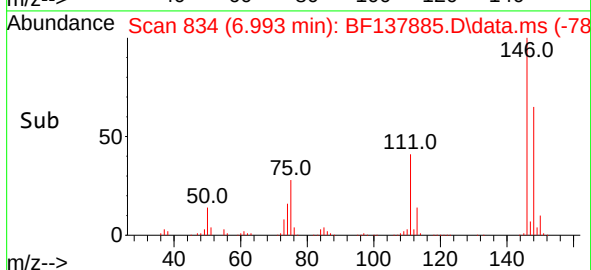
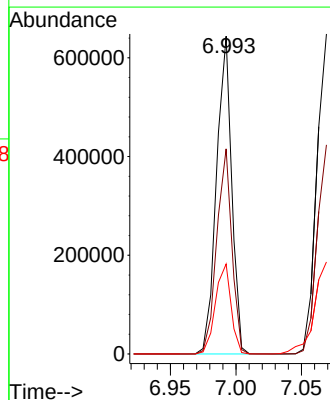
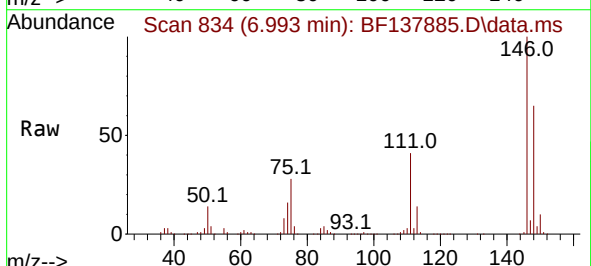
RT: 6.993 min Scan# 834

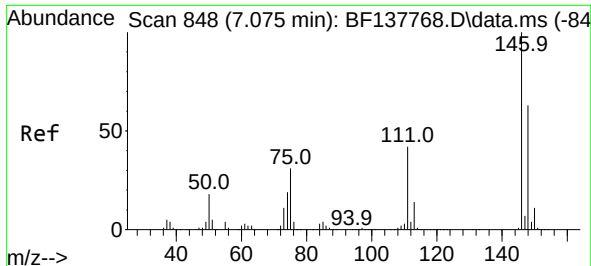
Delta R.T. -0.006 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

Tgt Ion:146	Resp: 518235
Ion Ratio	Lower Upper
146 100	
148 64.6	51.2 76.8
75 28.3	25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 45.475 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

Tgt Ion:146 Resp: 51298

Ion Ratio Lower Upper

146 100

148 65.4 50.7 76.1

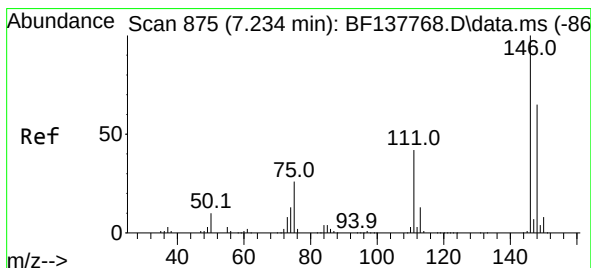
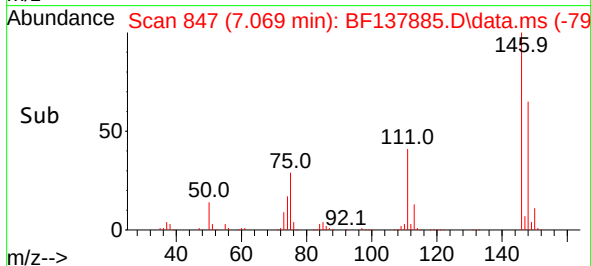
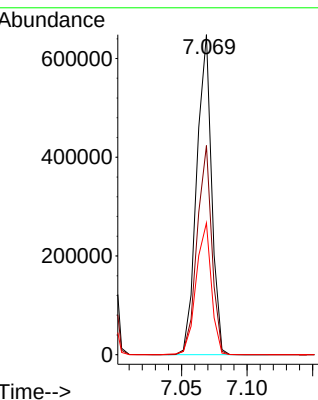
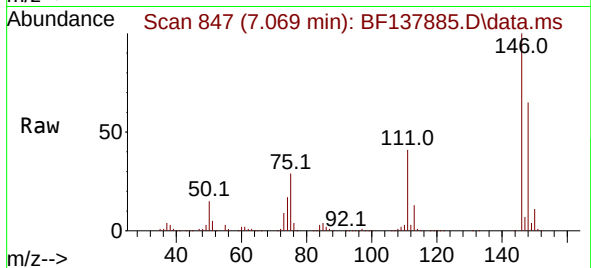
111 41.2 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#14

1,2-Dichlorobenzene

Concen: 46.306 ng

RT: 7.222 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

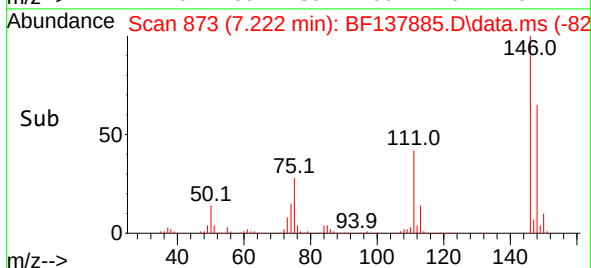
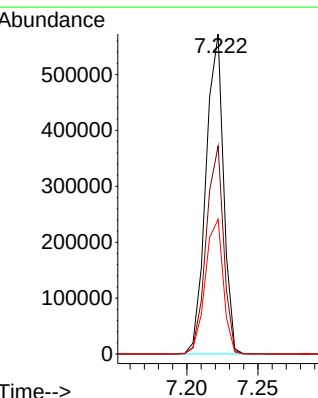
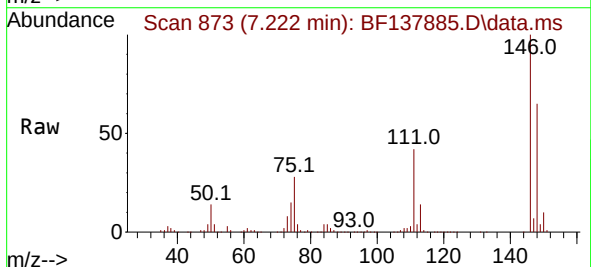
Tgt Ion:146 Resp: 491993

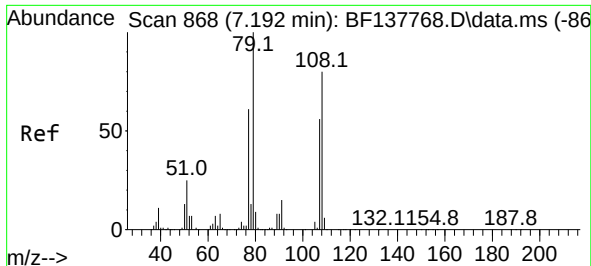
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

111 42.1 33.6 50.4





#15
Benzyl Alcohol
Concen: 47.518 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

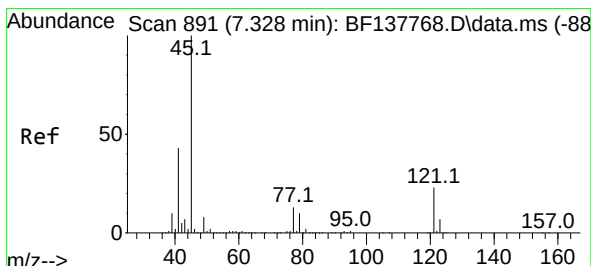
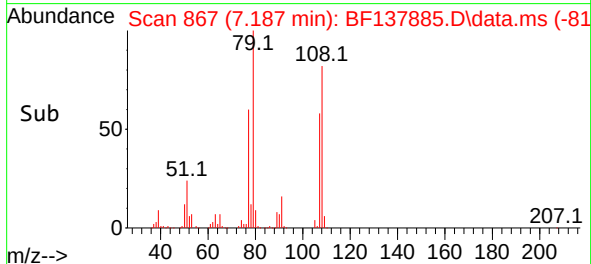
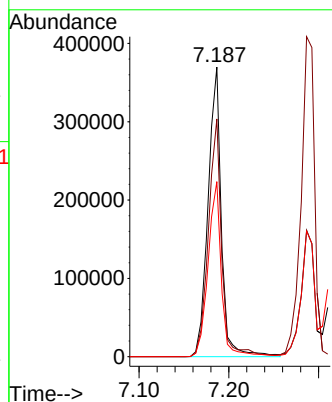
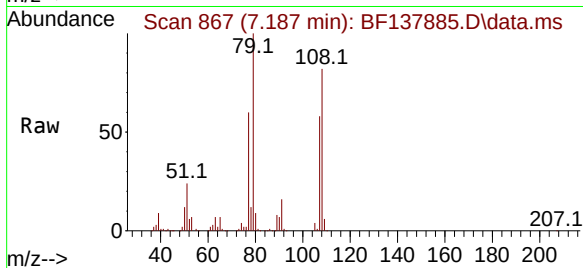
B-02-011MSD

Tgt Ion: 79 Resp: 381298
Ion Ratio Lower Upper
79 100
108 82.1 64.2 96.2
77 60.4 48.5 72.7

Manual Integrations

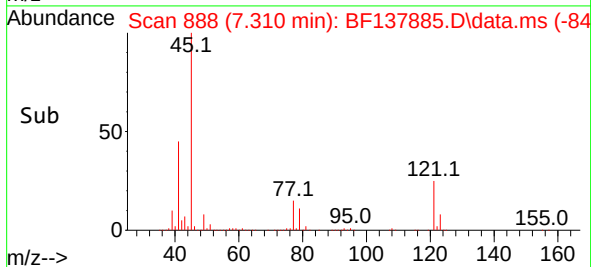
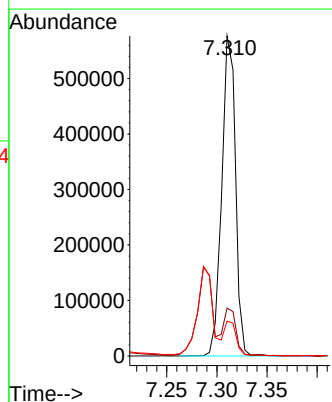
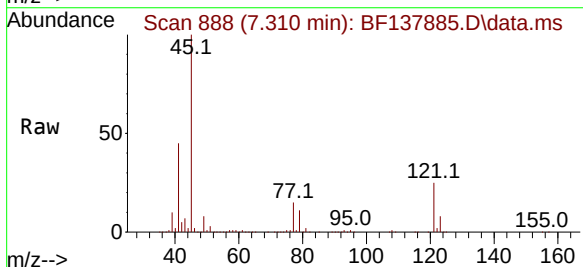
APPROVED

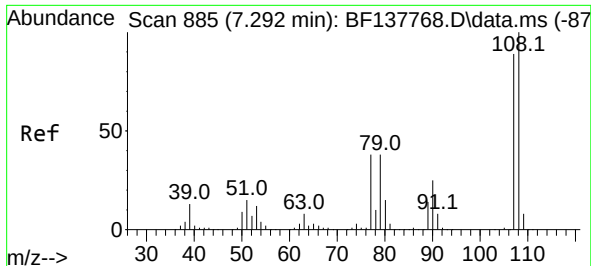
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.903 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion: 45 Resp: 548330
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.8
79 10.9 0.0 31.0





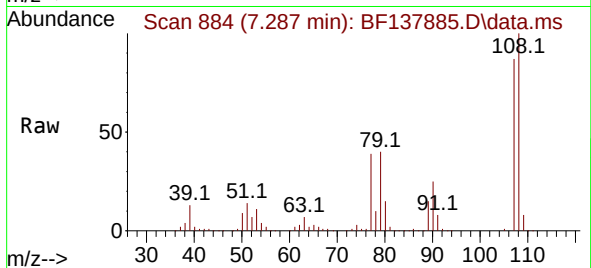
#17
2-Methylphenol
Concen: 46.587 ng
RT: 7.287 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

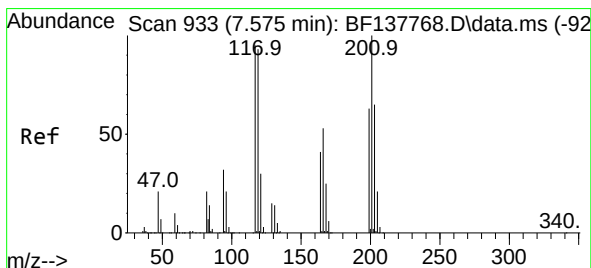
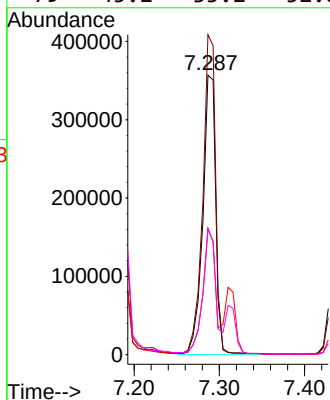
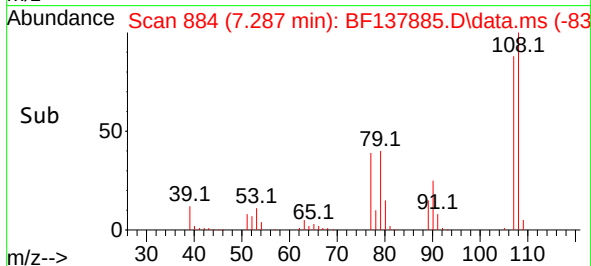


Tgt Ion:107 Resp: 37476
Ion Ratio Lower Upper
107 100
108 114.5 90.5 135.7
77 45.0 34.5 51.7
79 45.2 35.2 52.8

Manual Integrations

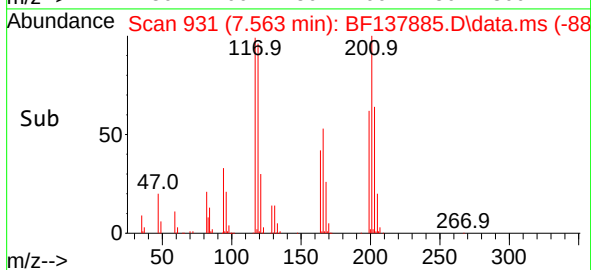
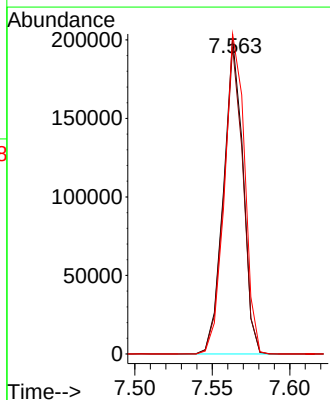
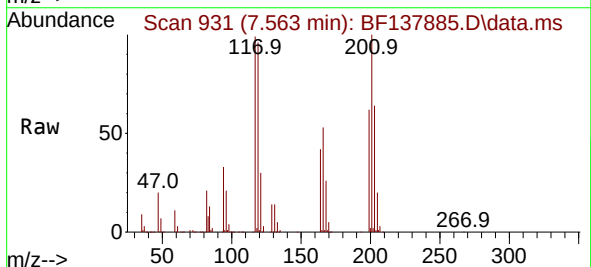
APPROVED

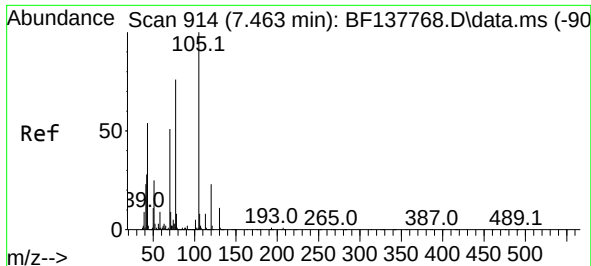
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#18
Hexachloroethane
Concen: 45.778 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:117 Resp: 174577
Ion Ratio Lower Upper
117 100
119 97.1 77.6 116.4
201 101.1 83.8 125.8





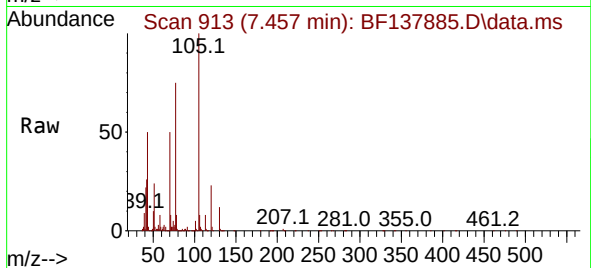
#19
n-Nitroso-di-n-propylamine
Concen: 43.970 ng
RT: 7.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



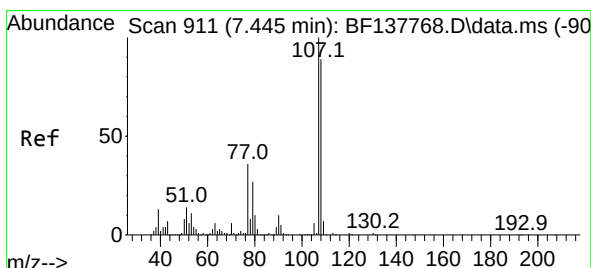
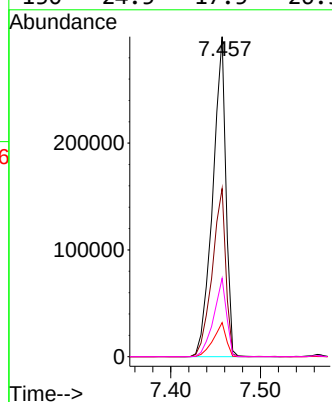
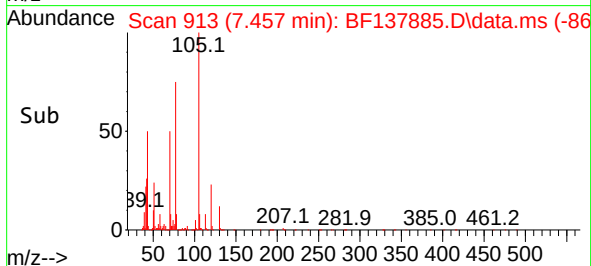
Tgt Ion: 70 Resp: 30490
Ion Ratio Lower Upper
70 100
42 52.6 44.6 66.8
101 10.7 7.8 11.6
130 24.5 17.5 26.3

Manual Integrations

APPROVED

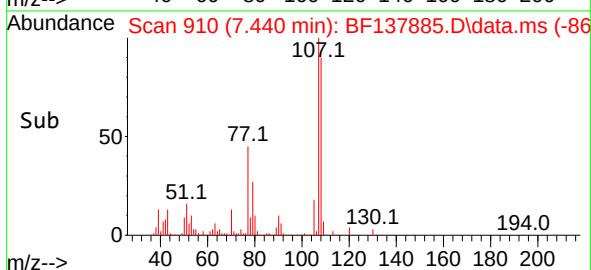
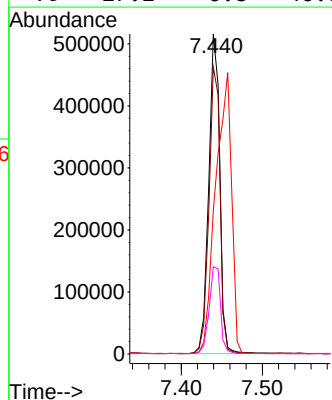
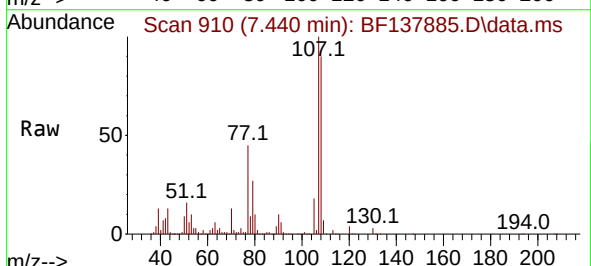
Reviewed By :Yogesh Patel 05/13/2024

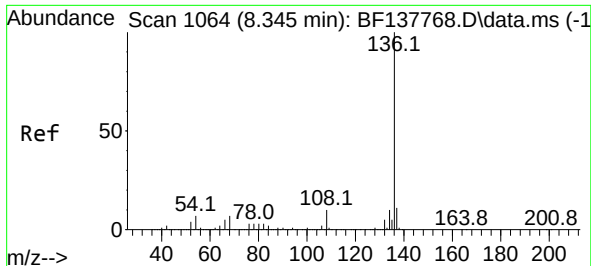
Supervised By :mohammad ahmed 05/13/2024



#20
3+4-Methylphenols
Concen: 45.939 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:107 Resp: 486201
Ion Ratio Lower Upper
107 100
108 89.6 69.3 109.3
77 44.9 15.7 55.7
79 27.2 6.8 46.8





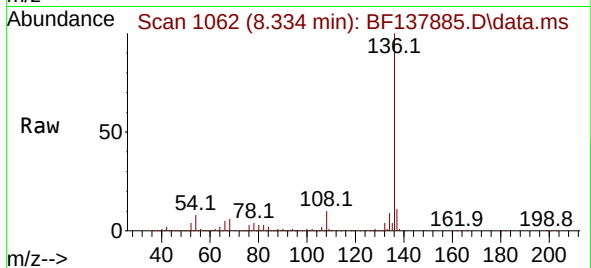
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



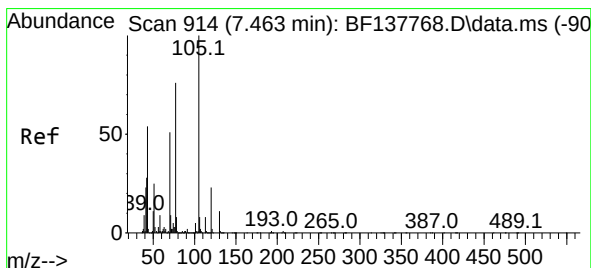
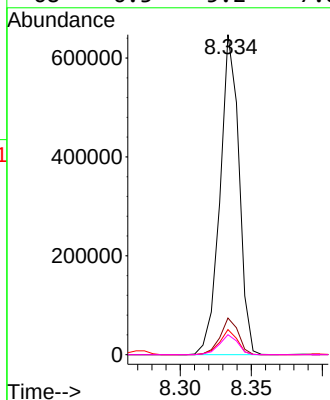
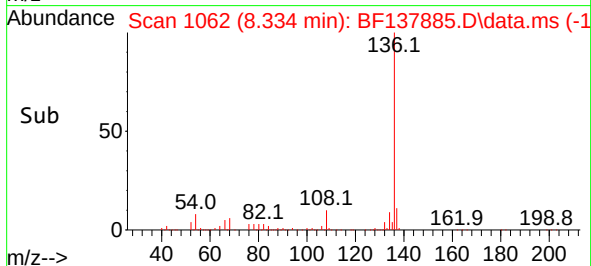
Tgt Ion:136 Resp: 599944
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.9 5.8 8.8
68 6.3 5.2 7.8

Manual Integrations

APPROVED

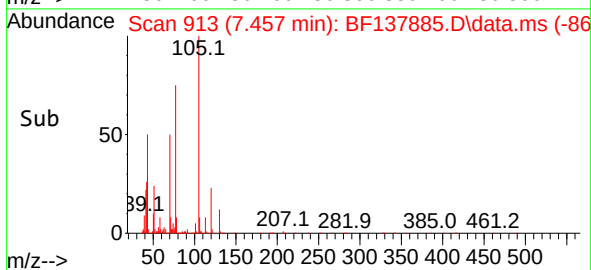
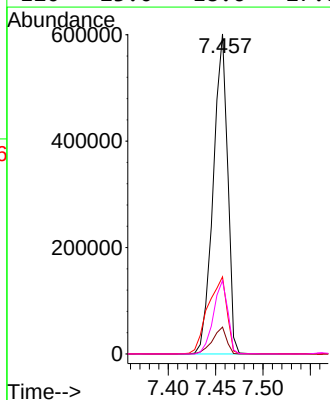
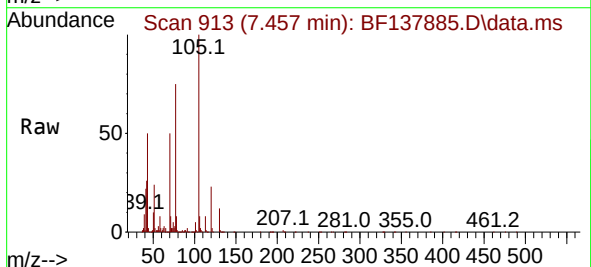
Reviewed By :Yogesh Patel 05/13/2024

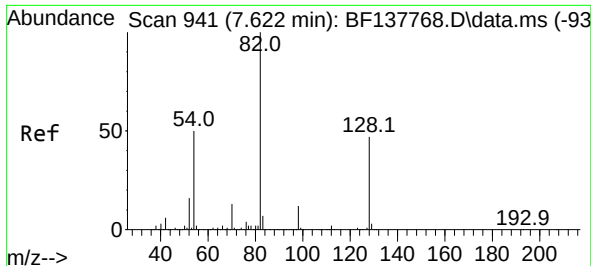
Supervised By :mohammad ahmed 05/13/2024



#22
Acetophenone
Concen: 47.079 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:105 Resp: 635235
Ion Ratio Lower Upper
105 100
71 8.4 6.9 10.3
51 24.1 20.2 30.2
120 23.0 18.6 27.8





#23
Nitrobenzene-d5
Concen: 64.085 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

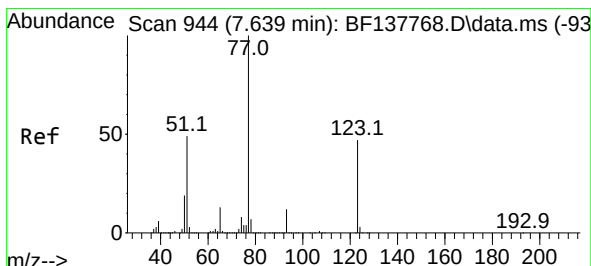
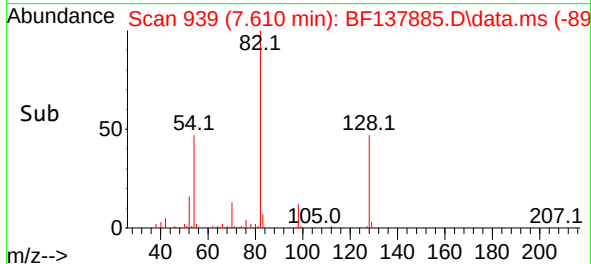
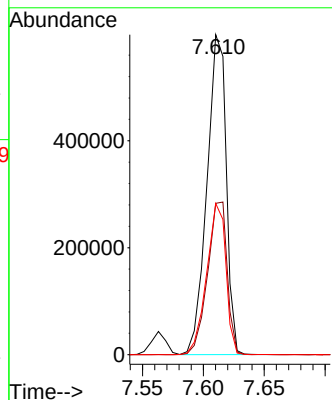
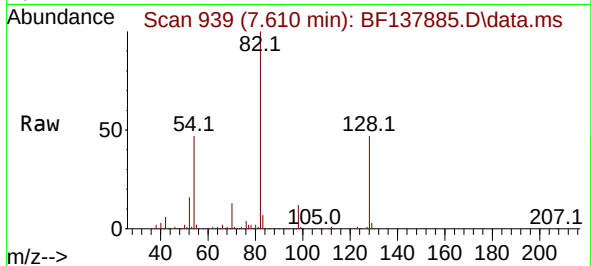
ClientSampleId :

B-02-011MSD

Tgt Ion: 82 Resp: 661772
Ion Ratio Lower Upper
82 100
128 47.3 37.5 56.3
54 47.3 39.8 59.6

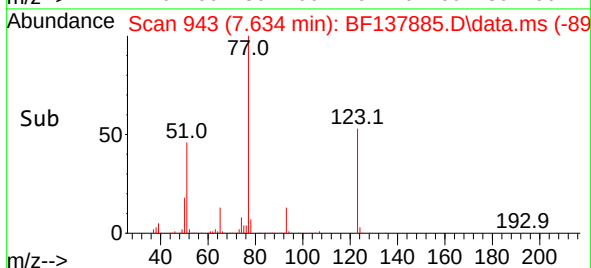
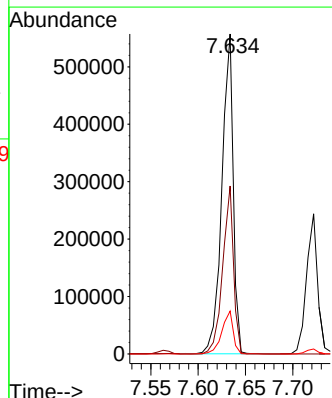
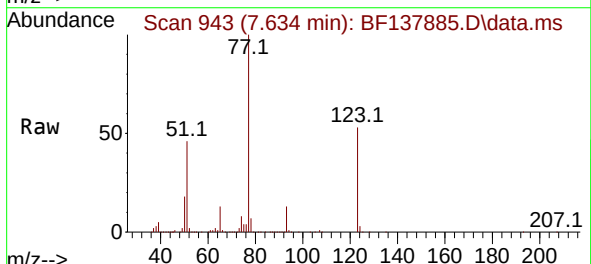
Manual Integrations
APPROVED

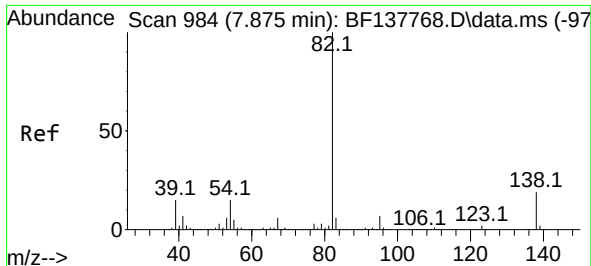
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#24
Nitrobenzene
Concen: 43.696 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion: 77 Resp: 465054
Ion Ratio Lower Upper
77 100
123 52.5 37.4 56.2
65 13.4 10.7 16.1





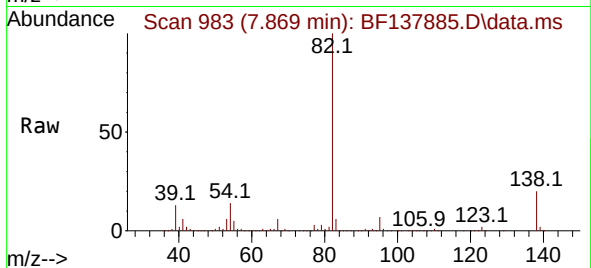
#25
Isophorone
Concen: 45.477 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

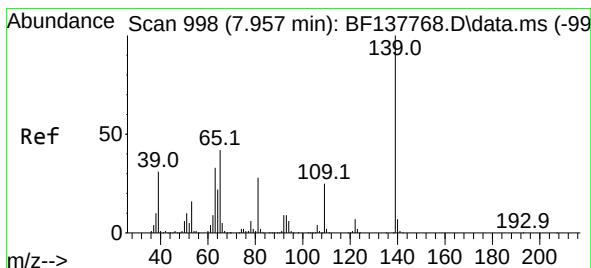
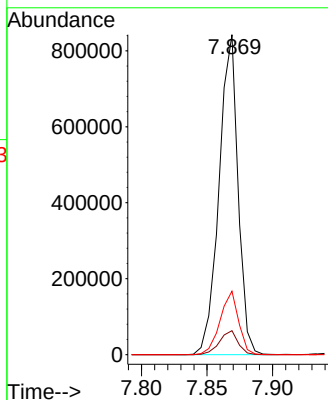
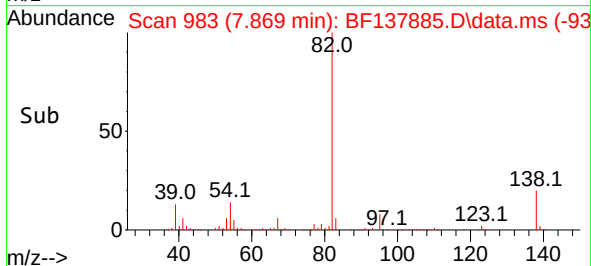


Tgt Ion: 82 Resp: 846725
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 19.9 15.0 22.6

Manual Integrations

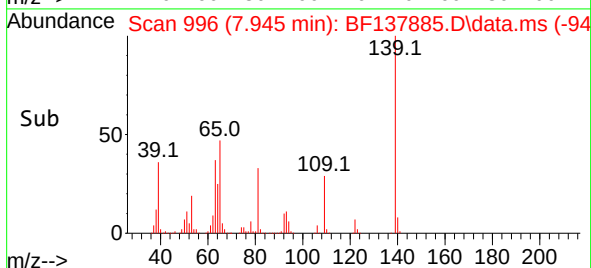
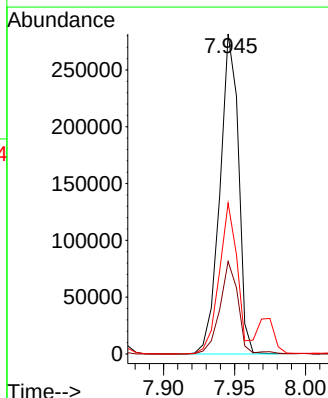
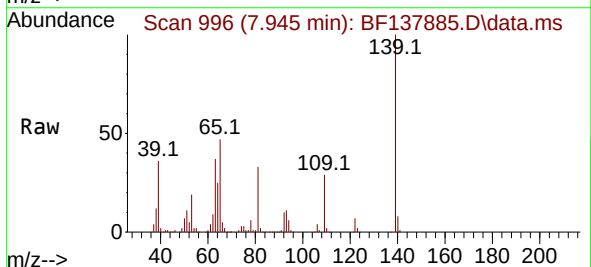
APPROVED

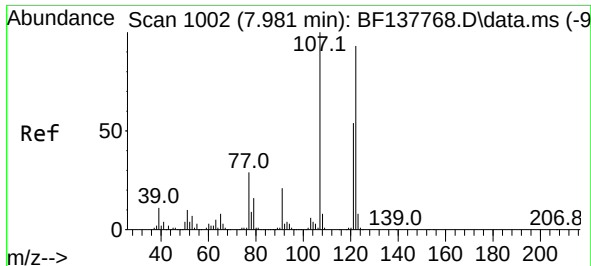
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#26
2-Nitrophenol
Concen: 53.156 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:139 Resp: 256190
Ion Ratio Lower Upper
139 100
109 28.9 20.2 30.2
65 47.1 33.4 50.0





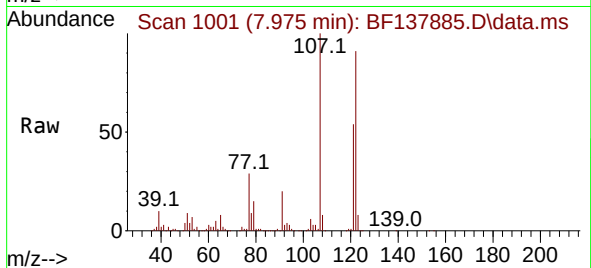
#27
2,4-Dimethylphenol
Concen: 50.250 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



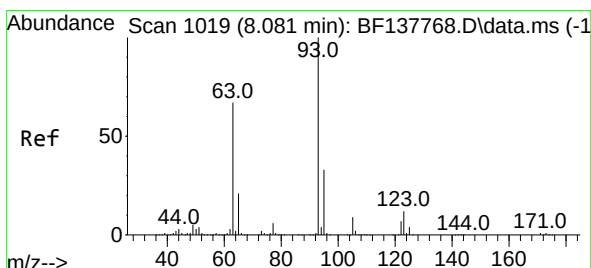
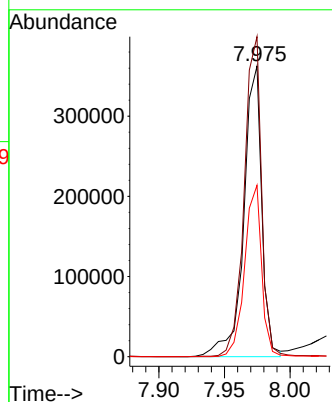
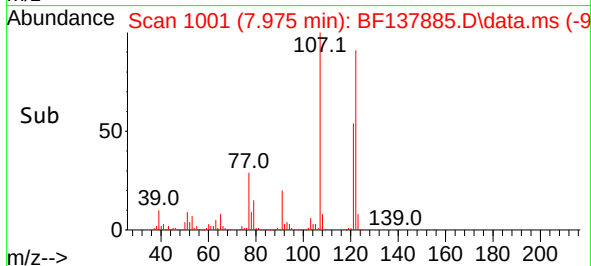
Tgt Ion:122 Resp: 348659
Ion Ratio Lower Upper
122 100
107 110.1 85.8 128.8
121 59.0 46.6 69.8

Manual Integrations

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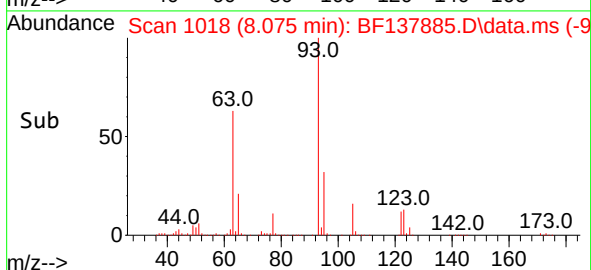
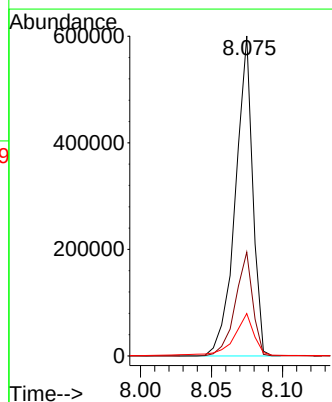
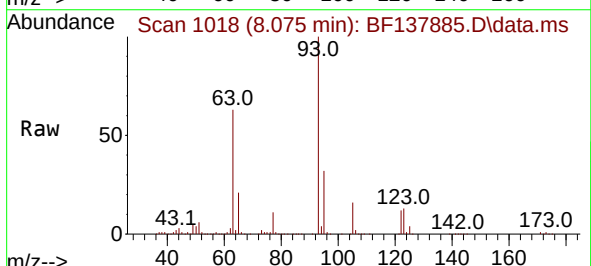
Reviewed By :Yogesh Patel 05/13/2024

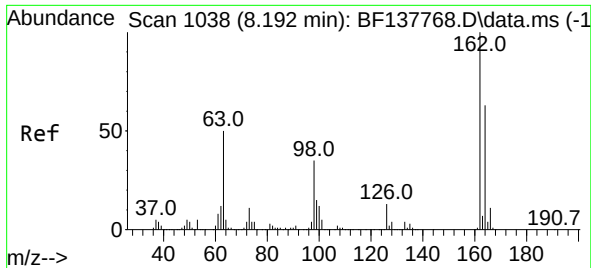
Supervised By :mohammad ahmed 05/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.118 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion: 93 Resp: 508617
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 13.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 48.197 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

Tgt Ion:162 Resp: 40421

Ion Ratio Lower Upper

162 100

164 63.8 43.5 83.5

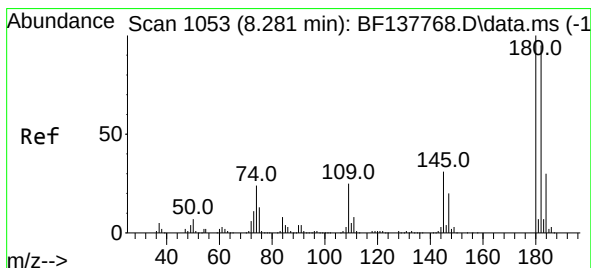
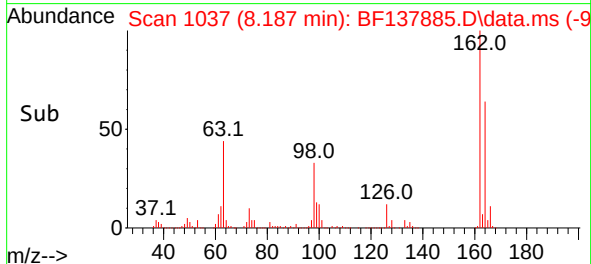
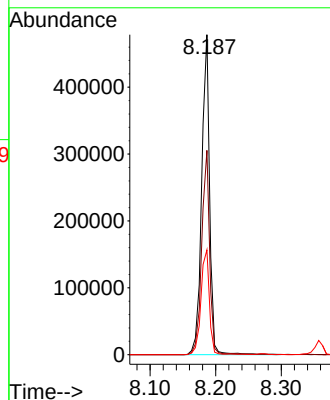
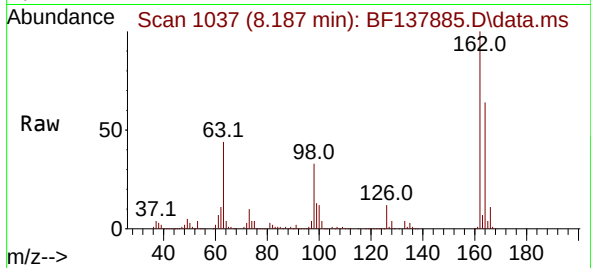
98 32.7 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.615 ng

RT: 8.275 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

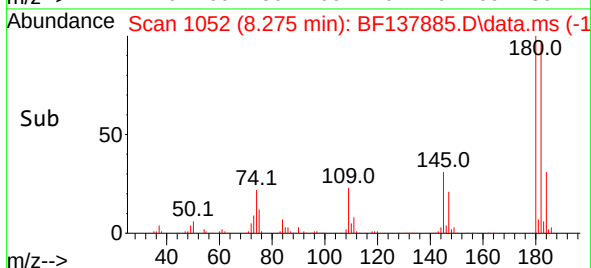
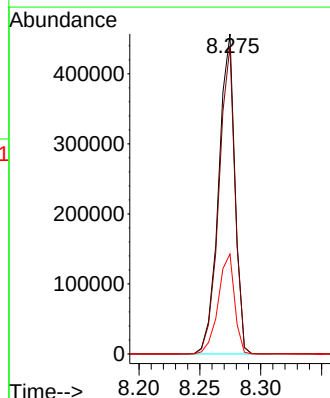
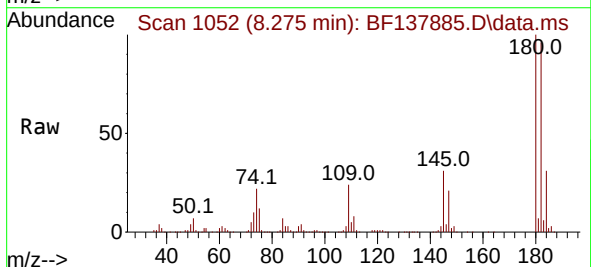
Tgt Ion:180 Resp: 426188

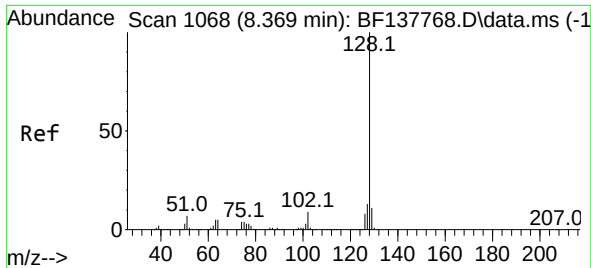
Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

145 31.3 25.1 37.7





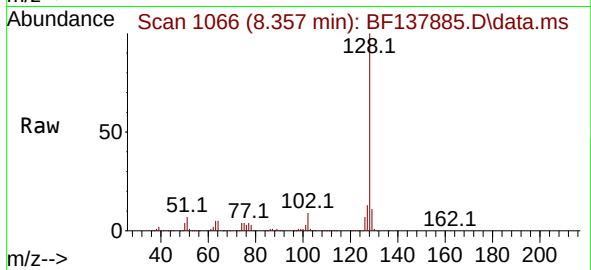
#31
Naphthalene
Concen: 46.289 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



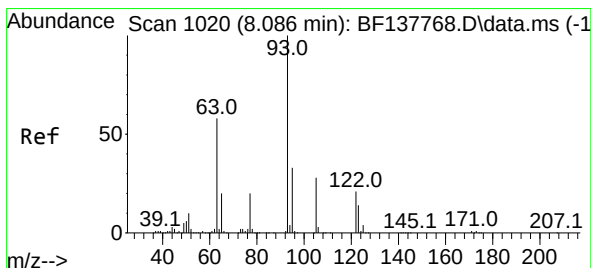
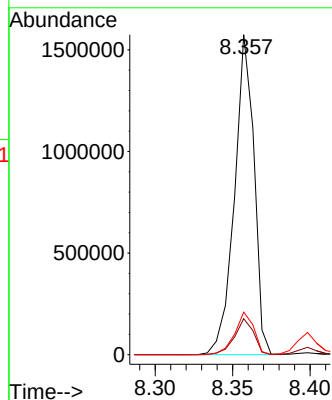
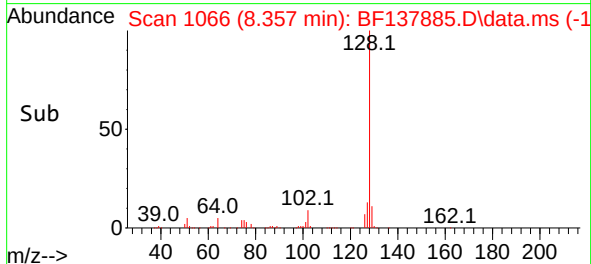
Tgt Ion:128 Resp: 138009
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.6 16.0

Manual Integrations

APPROVED

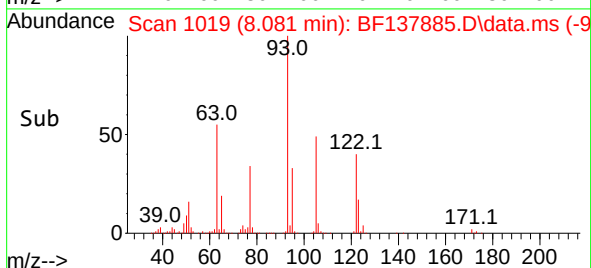
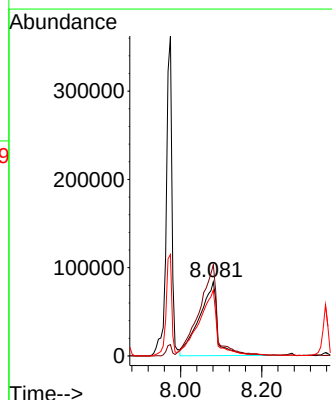
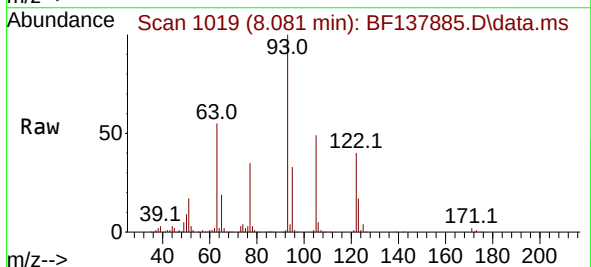
Reviewed By :Yogesh Patel 05/13/2024

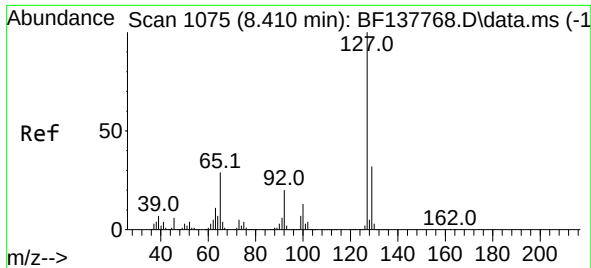
Supervised By :mohammad ahmed 05/13/2024



#32
Benzoic acid
Concen: 43.935 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:122 Resp: 262989
Ion Ratio Lower Upper
122 100
105 123.2 105.3 145.3
77 89.0 73.2 113.2





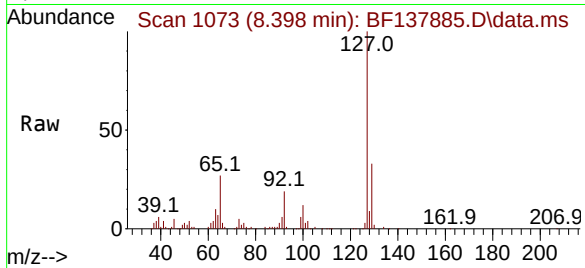
#33
4-Chloroaniline
Concen: 9.893 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

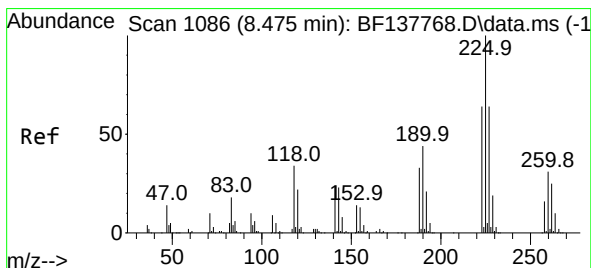
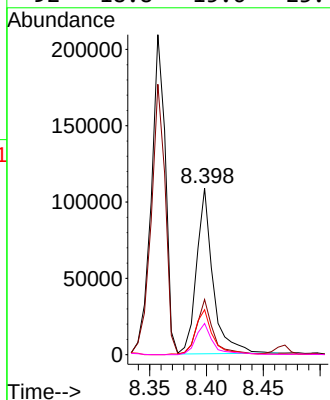
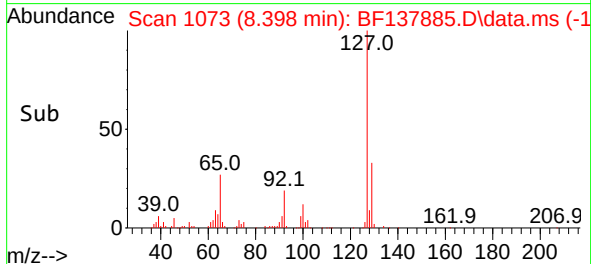


Tgt Ion:127 Resp: 109372
Ion Ratio Lower Upper
127 100
129 33.1 25.7 38.5
65 27.0 23.4 35.2
92 18.8 15.6 23.4

Manual Integrations

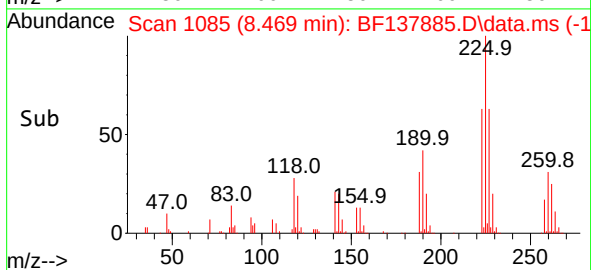
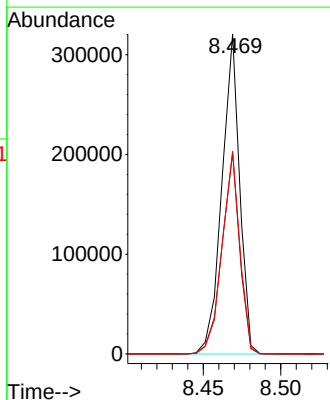
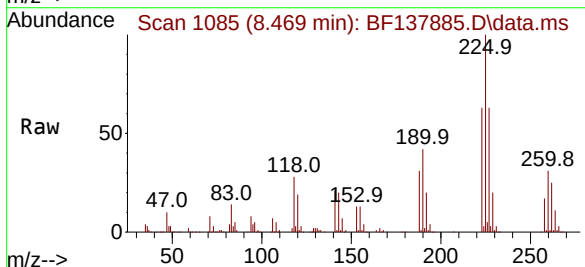
APPROVED

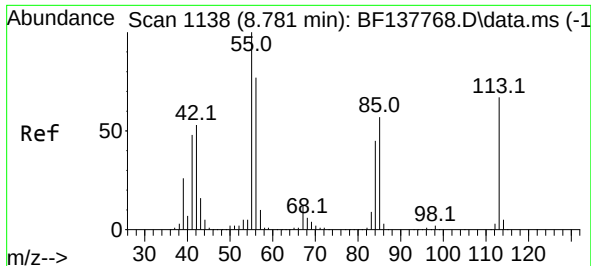
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#34
Hexachlorobutadiene
Concen: 45.462 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:225 Resp: 255185
Ion Ratio Lower Upper
225 100
223 62.8 51.1 76.7
227 63.4 51.4 77.0





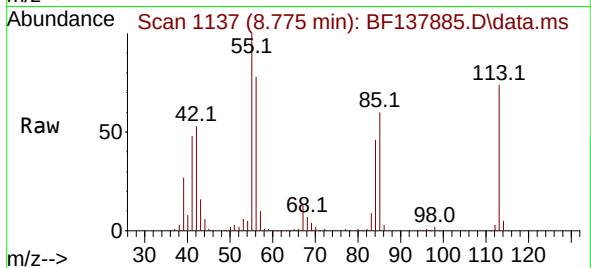
#35
Caprolactam
Concen: 47.077 ng m
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



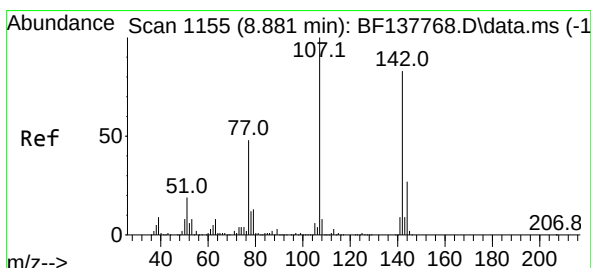
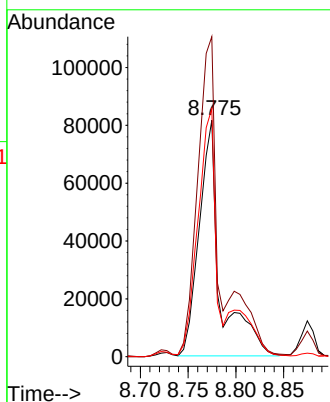
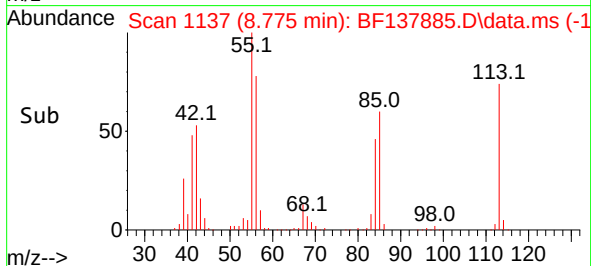
Tgt Ion:113 Resp: 125098
Ion Ratio Lower Upper
113 100
55 135.4 128.7 168.7
56 105.0 93.9 133.9

Manual Integrations

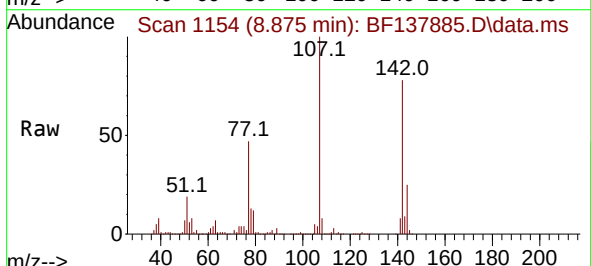
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

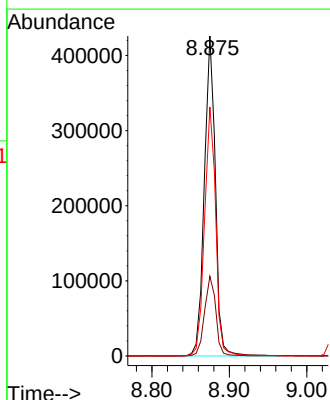
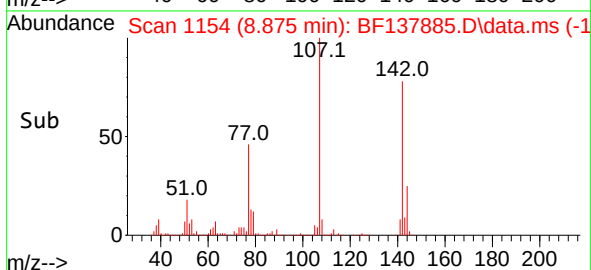
Supervised By :mohammad ahmed 05/13/2024

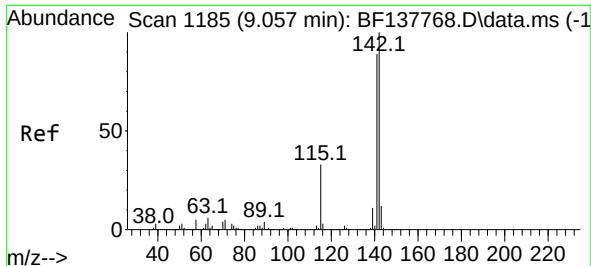


#36
4-Chloro-3-methylphenol
Concen: 48.211 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



Tgt Ion:107 Resp: 421645
Ion Ratio Lower Upper
107 100
144 24.9 21.4 32.0
142 77.8 66.2 99.2





#37

2-Methylnaphthalene

Concen: 47.357 ng

RT: 9.051 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

Tgt Ion:142 Resp: 913954

Ion Ratio Lower Upper

142 100

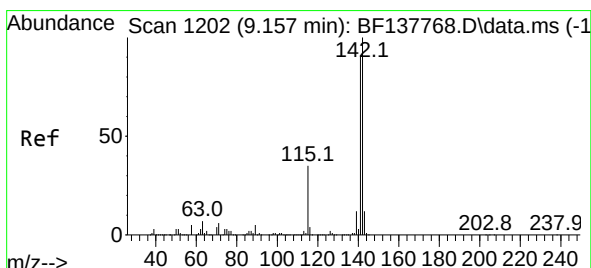
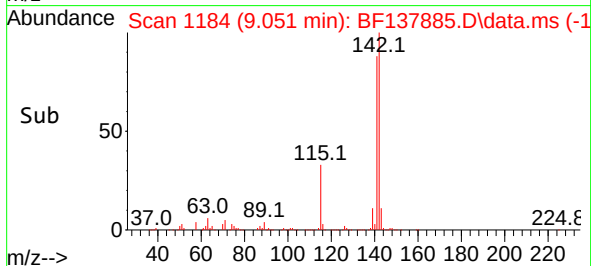
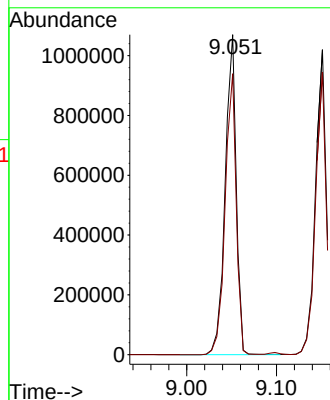
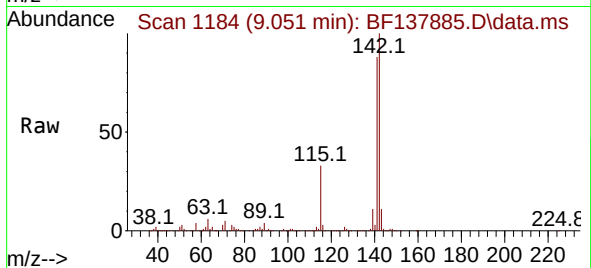
141 87.8 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#38

1-Methylnaphthalene

Concen: 44.826 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF137885.D

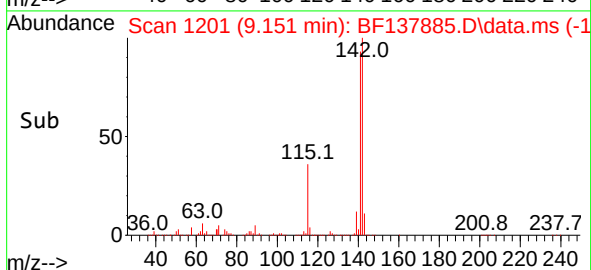
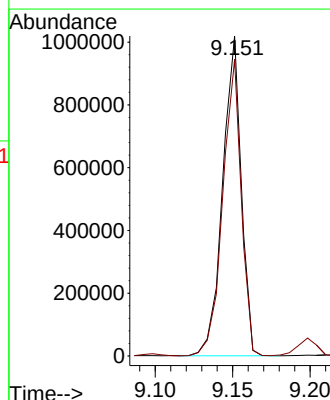
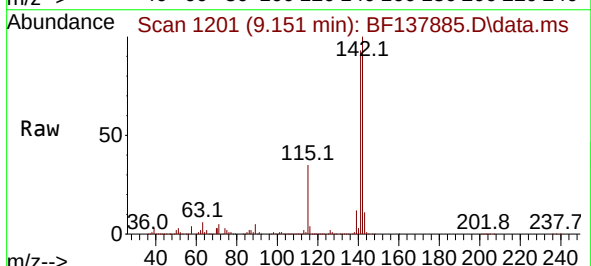
Acq: 10 May 2024 17:21

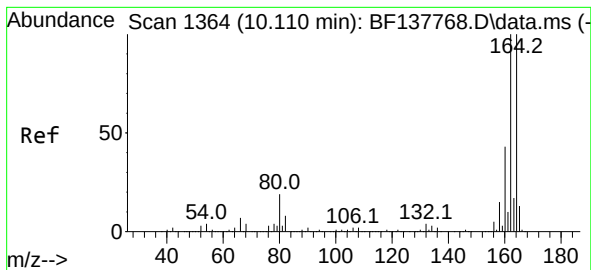
Tgt Ion:142 Resp: 851119

Ion Ratio Lower Upper

142 100

141 92.7 73.1 109.7





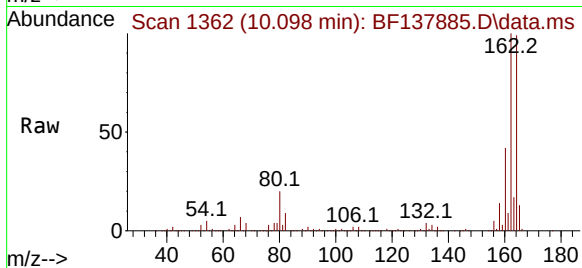
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



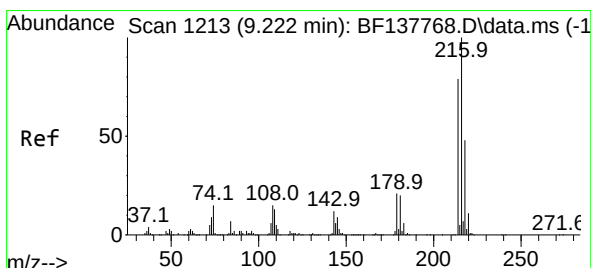
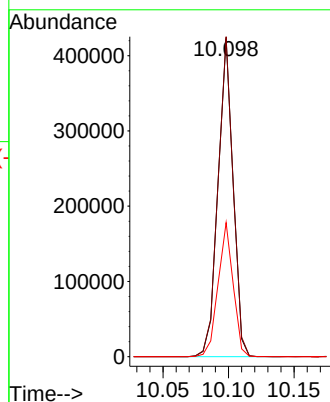
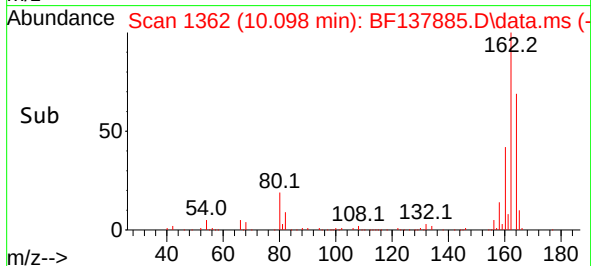
Tgt Ion:164 Resp: 337400
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.6
160 42.1 34.4 51.6

Manual Integrations

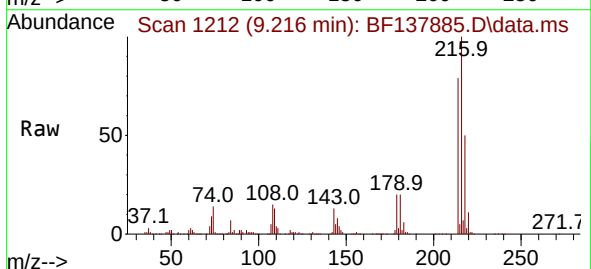
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

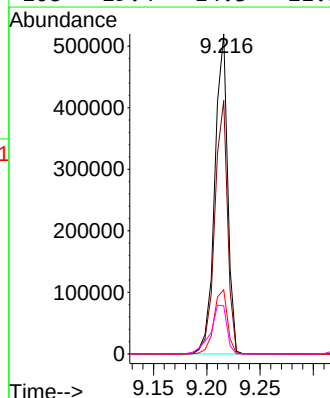
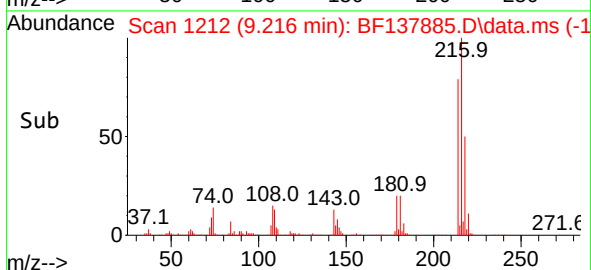
Supervised By :mohammad ahmed 05/13/2024

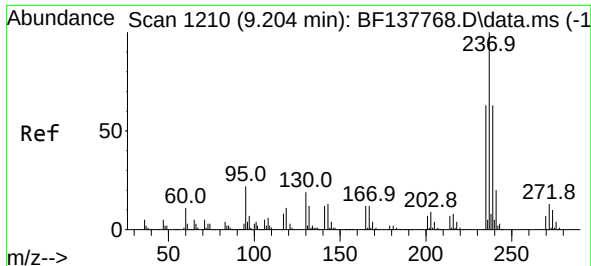


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.734 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



Tgt Ion:216 Resp: 435503
Ion Ratio Lower Upper
216 100
214 78.8 63.3 94.9
179 21.1 16.8 25.2
108 19.4 14.3 21.5





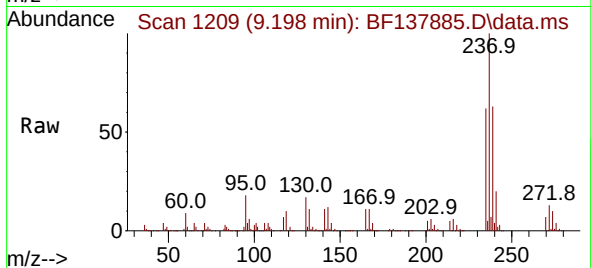
#41
Hexachlorocyclopentadiene
Concen: 119.864 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

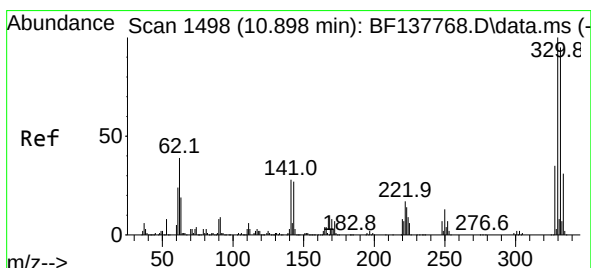
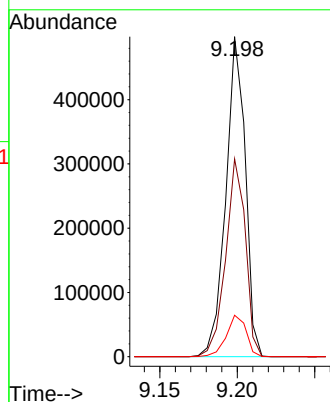
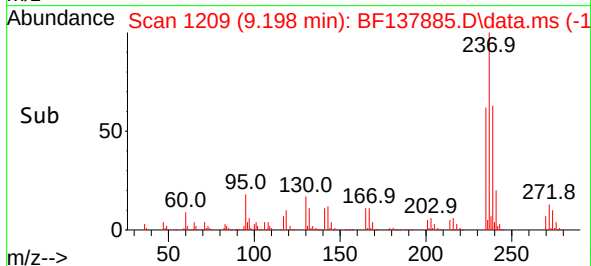


Tgt Ion:237 Resp: 435069
Ion Ratio Lower Upper
237 100
235 61.8 43.0 83.0
272 12.9 0.0 32.8

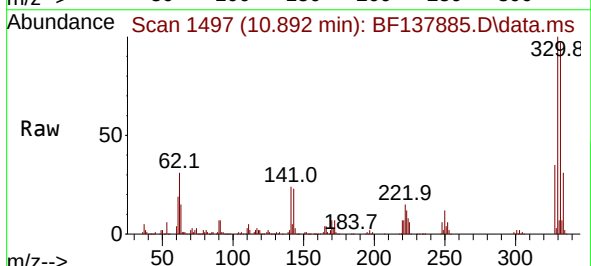
Manual Integrations

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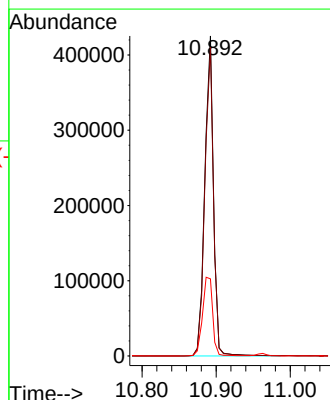
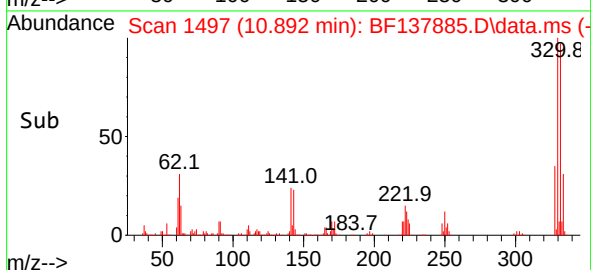
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

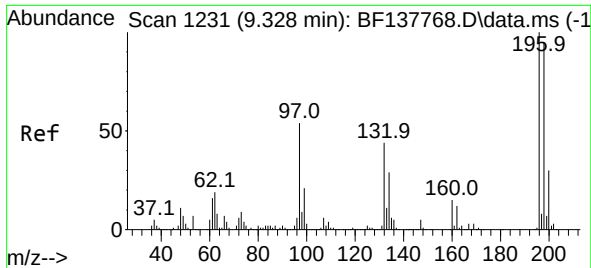


#42
2,4,6-Tribromophenol
Concen: 100.492 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



Tgt Ion:330 Resp: 346188
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 28.7 23.8 35.6





#43
2,4,6-Trichlorophenol
Concen: 47.883 ng
RT: 9.322 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

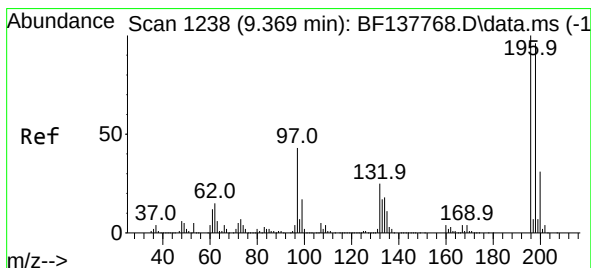
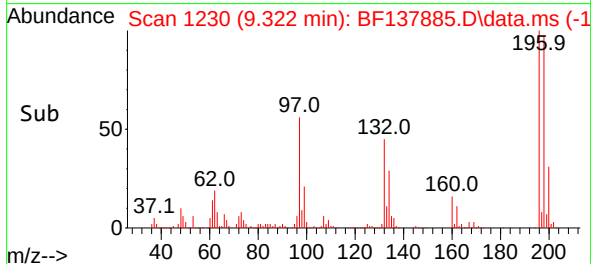
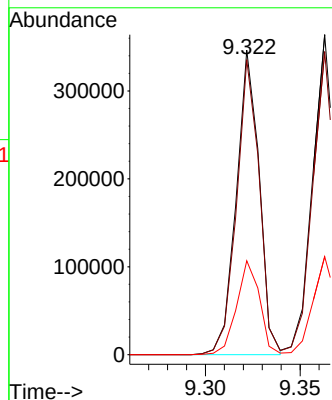
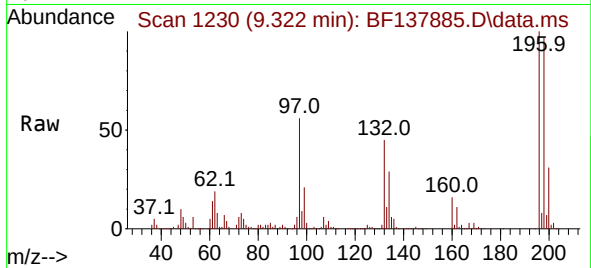
B-02-011MSD

Tgt Ion:196 Resp: 291272
Ion Ratio Lower Upper
196 100
198 96.9 76.2 114.4
200 30.8 24.2 36.2

Manual Integrations

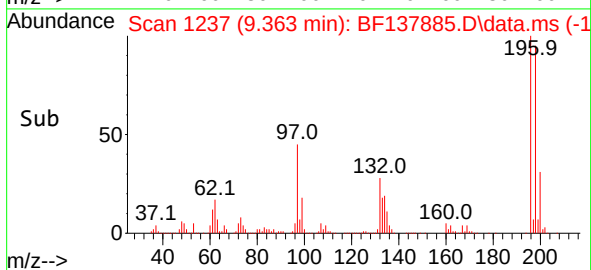
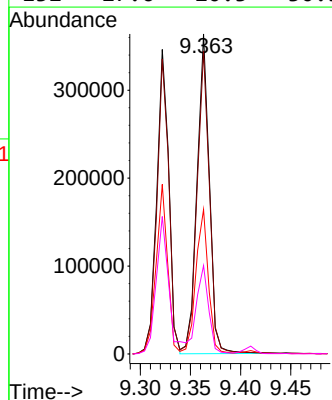
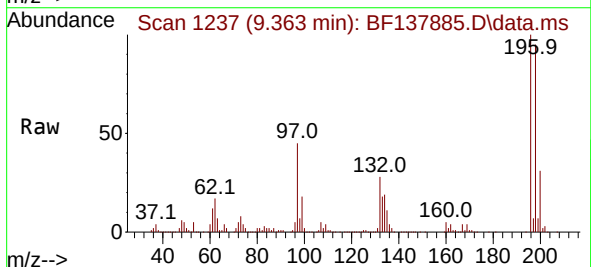
APPROVED

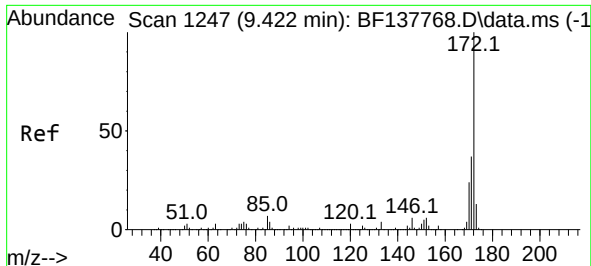
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#44
2,4,5-Trichlorophenol
Concen: 46.581 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:196 Resp: 312874
Ion Ratio Lower Upper
196 100
198 94.7 76.6 114.8
97 45.2 34.5 51.7
132 27.6 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 69.319 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

Tgt Ion:172 Resp: 1441609

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

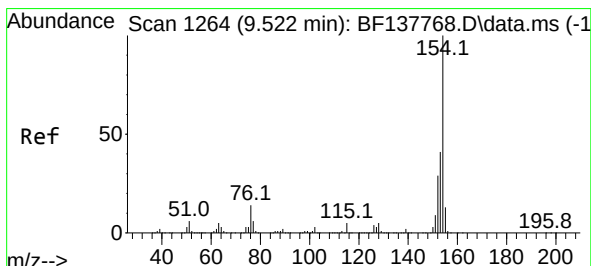
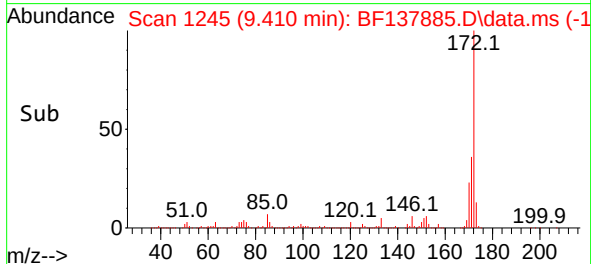
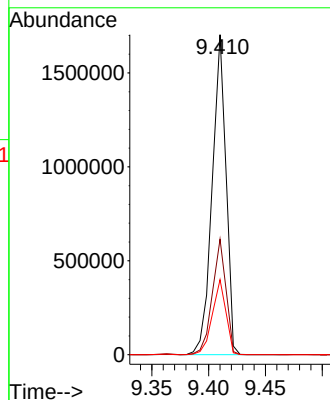
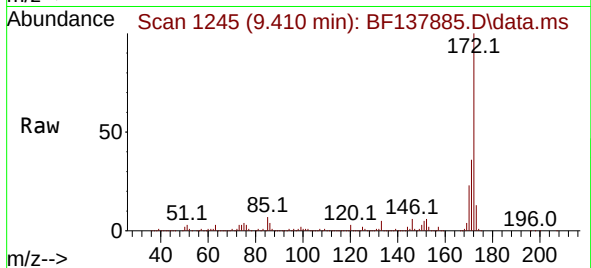
170 23.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#46

1,1'-Biphenyl

Concen: 48.941 ng

RT: 9.516 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

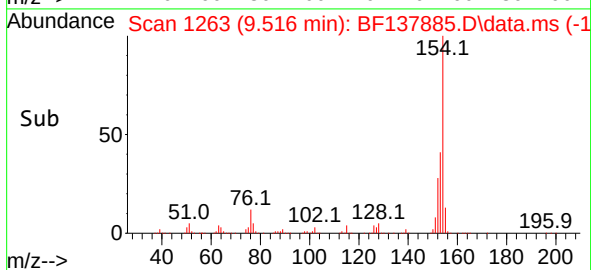
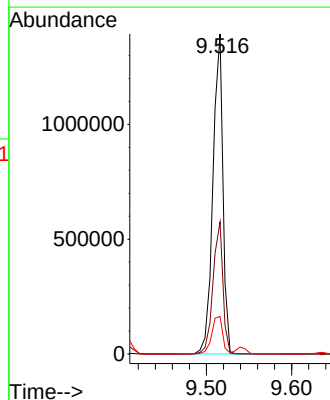
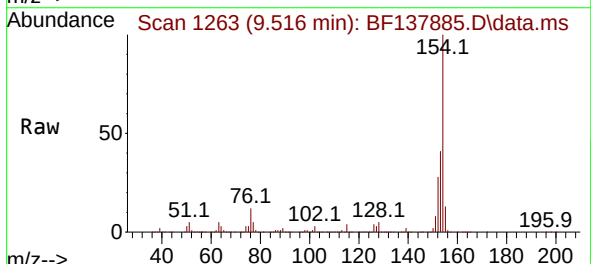
Tgt Ion:154 Resp: 1133241

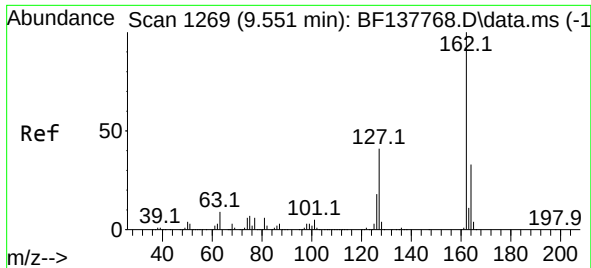
Ion Ratio Lower Upper

154 100

153 41.2 21.4 61.4

76 11.7 0.0 33.5





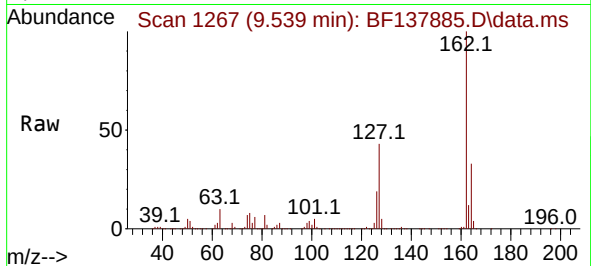
#47
2-Chloronaphthalene
Concen: 46.745 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



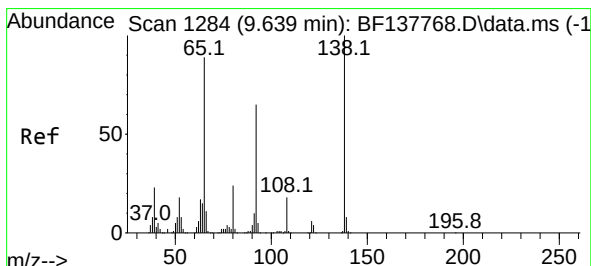
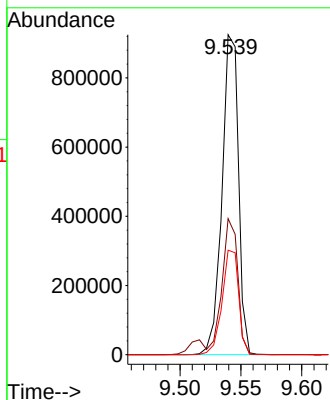
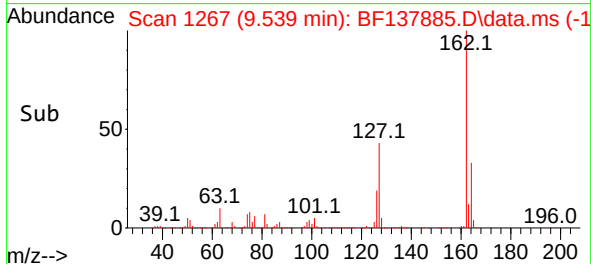
Tgt Ion:162 Resp: 873872
Ion Ratio Lower Upper
162 100
127 42.5 32.6 49.0
164 32.6 26.5 39.7

Manual Integrations

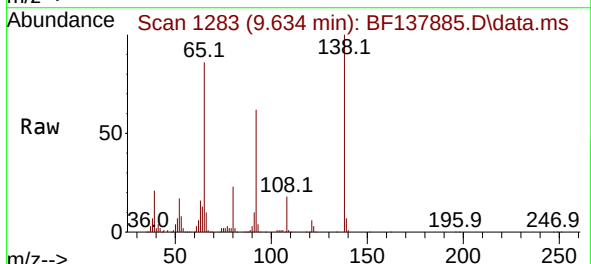
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

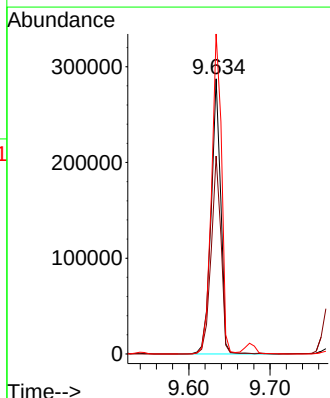
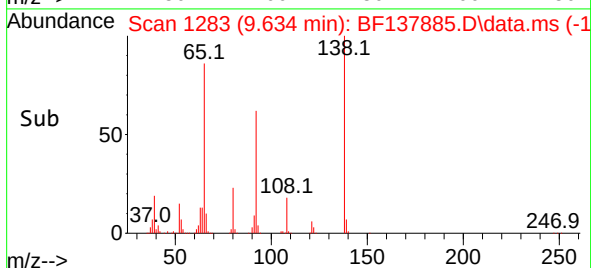
Supervised By :mohammad ahmed 05/13/2024

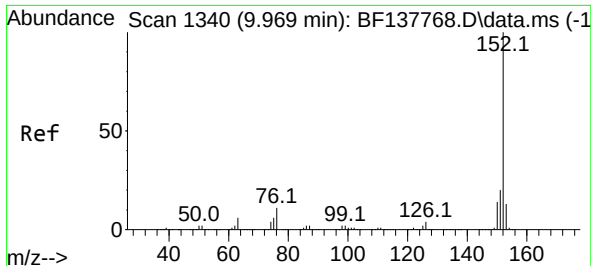


#48
2-Nitroaniline
Concen: 46.686 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



Tgt Ion: 65 Resp: 236699
Ion Ratio Lower Upper
65 100
92 72.0 58.6 88.0
138 116.3 90.3 135.5





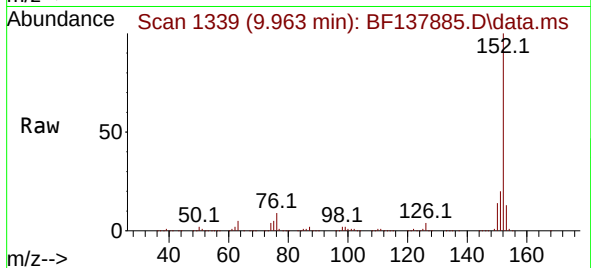
#49
Acenaphthylene
Concen: 51.517 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



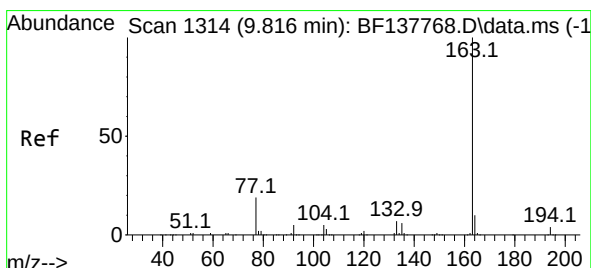
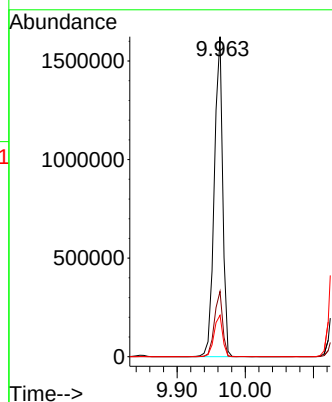
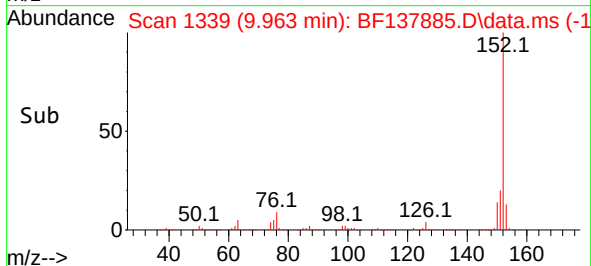
Tgt Ion:152 Resp: 139314
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.0 10.8 16.2

Manual Integrations

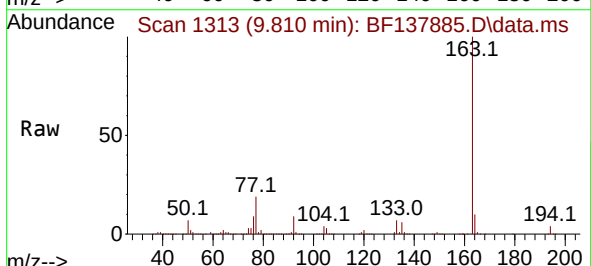
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

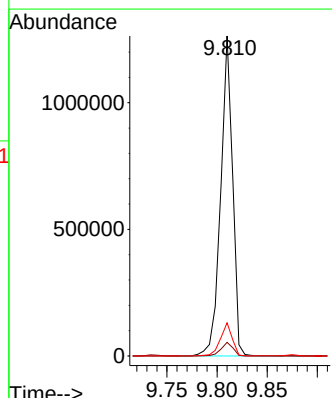
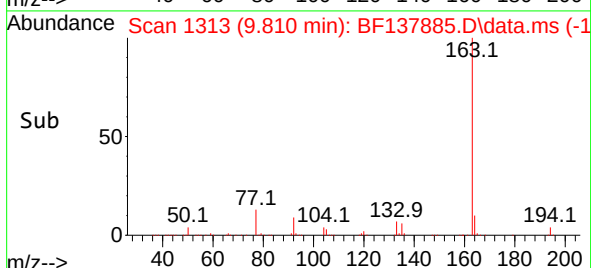
Supervised By :mohammad ahmed 05/13/2024

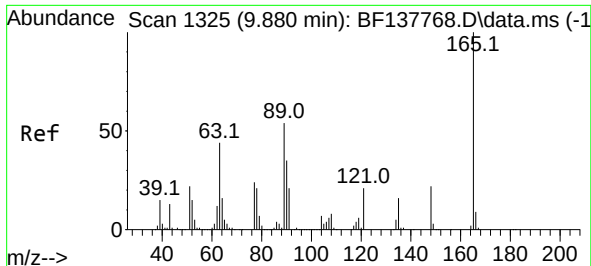


#50
Dimethylphthalate
Concen: 48.917 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



Tgt Ion:163 Resp: 1041921
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.3 12.5





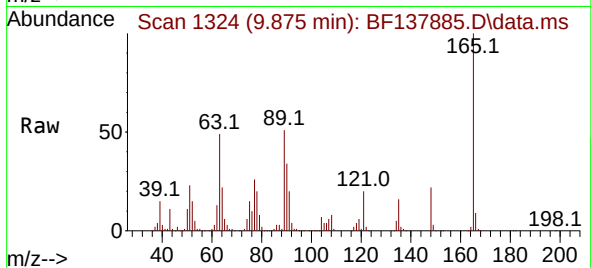
#51
2,6-Dinitrotoluene
Concen: 48.156 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



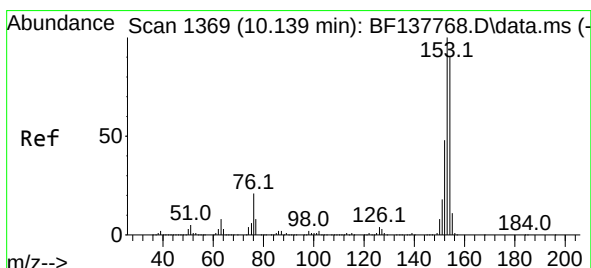
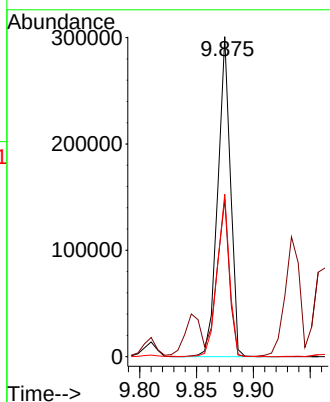
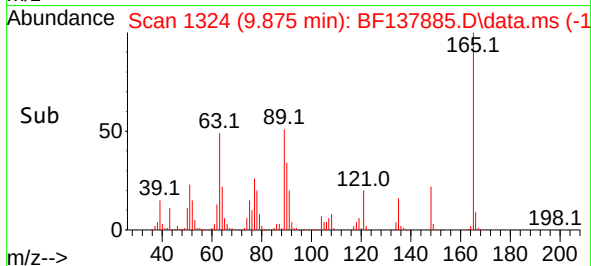
Tgt Ion:165 Resp: 23440
Ion Ratio Lower Upper
165 100
63 49.1 41.9 62.9
89 50.7 43.2 64.8

Manual Integrations

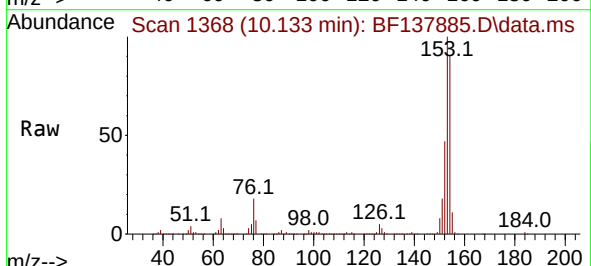
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

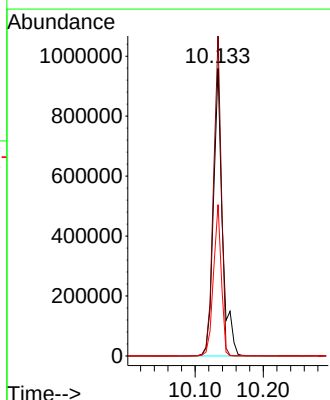
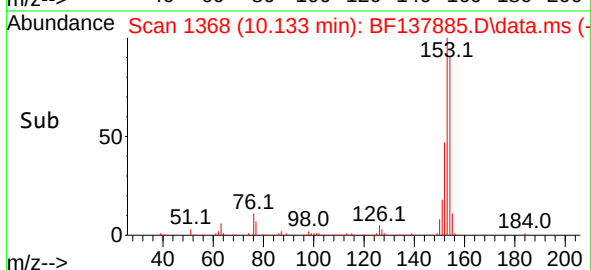
Supervised By :mohammad ahmed 05/13/2024

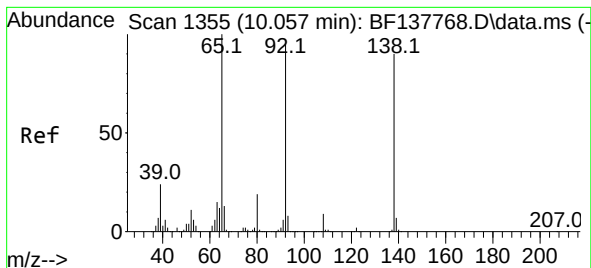


#52
Acenaphthene
Concen: 49.391 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



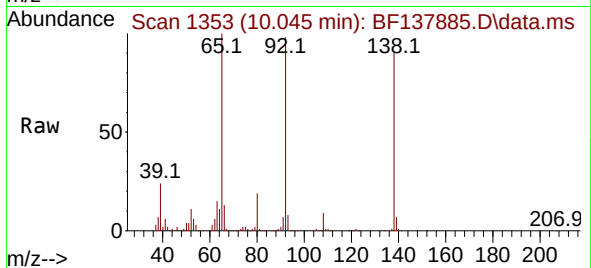
Tgt Ion:154 Resp: 885330
Ion Ratio Lower Upper
154 100
153 111.2 88.7 133.1
152 52.6 42.8 64.2





#53
3-Nitroaniline
Concen: 28.449 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

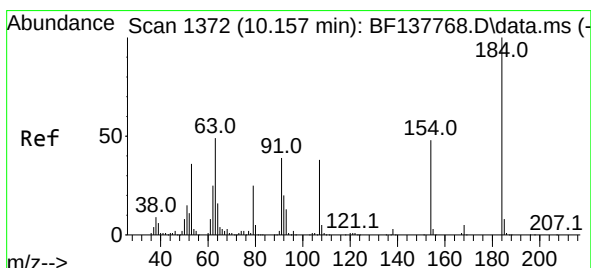
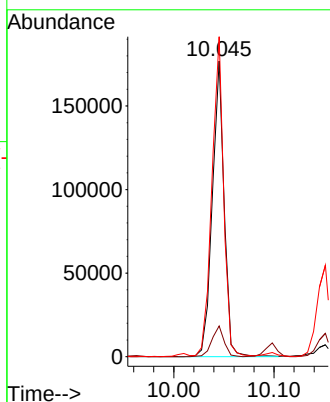
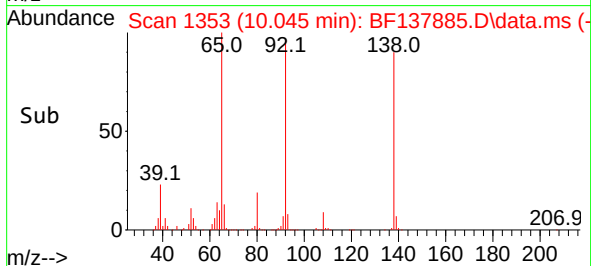
Instrument :
BNA_F
ClientSampleId :
B-02-011MSD



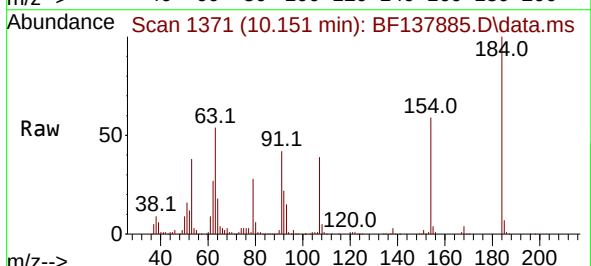
Tgt Ion:138 Resp: 145019
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 108.2 84.6 126.8

Manual Integrations
APPROVED

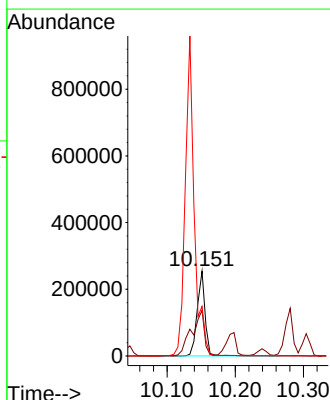
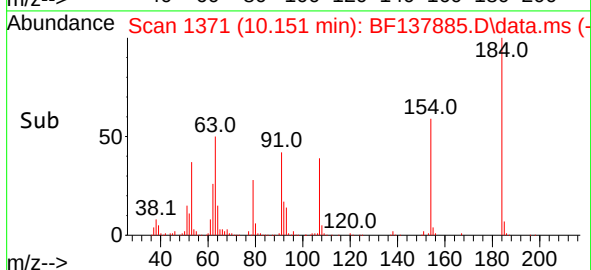
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

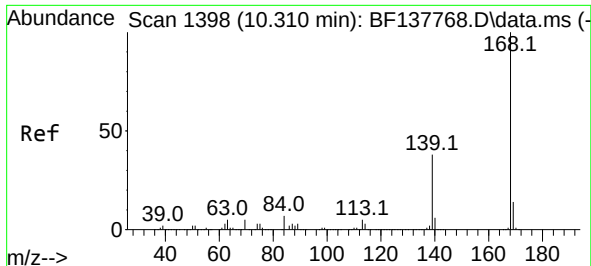


#54
2,4-Dinitrophenol
Concen: 85.311 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



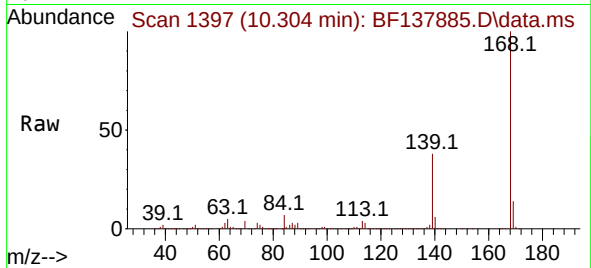
Tgt Ion:184 Resp: 204044
Ion Ratio Lower Upper
184 100
63 53.7 40.3 60.5
154 58.6 45.2 67.8





#55
Dibenzenofuran
Concen: 47.329 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

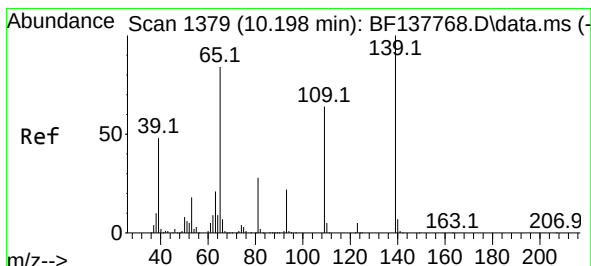
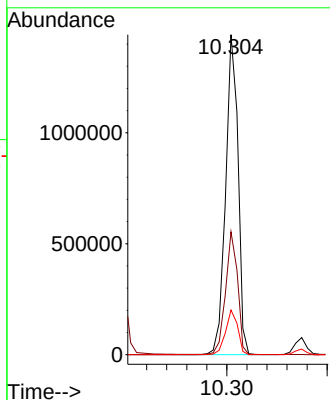
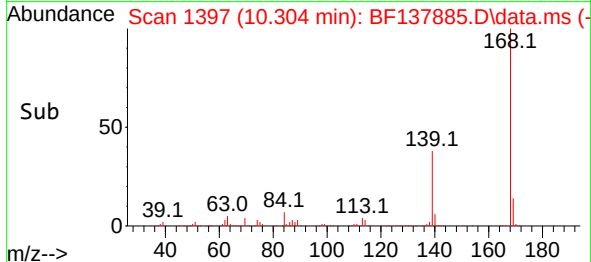
Instrument :
BNA_F
ClientSampleId :
B-02-011MSD



Tgt Ion:168 Resp: 1234580
Ion Ratio Lower Upper
168 100
139 38.4 30.2 45.4
169 13.9 11.4 17.0

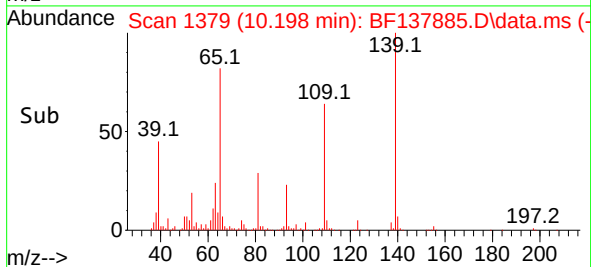
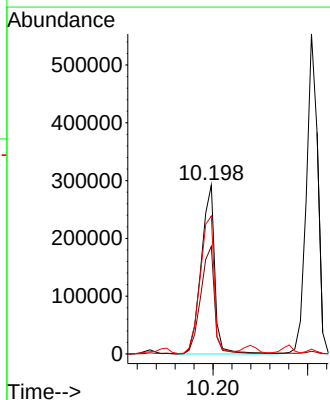
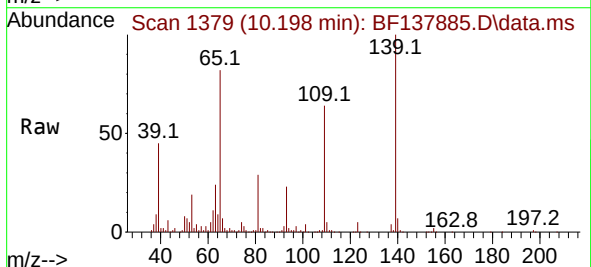
Manual Integrations
APPROVED

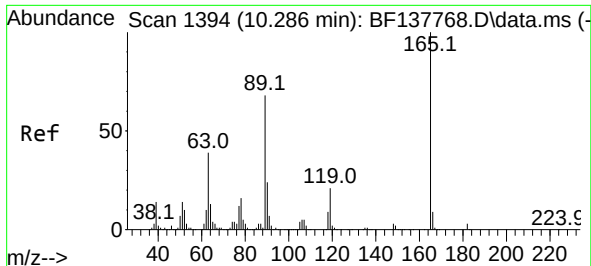
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#56
4-Nitrophenol
Concen: 68.568 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:139 Resp: 289687
Ion Ratio Lower Upper
139 100
109 63.7 44.0 84.0
65 81.7 64.3 104.3





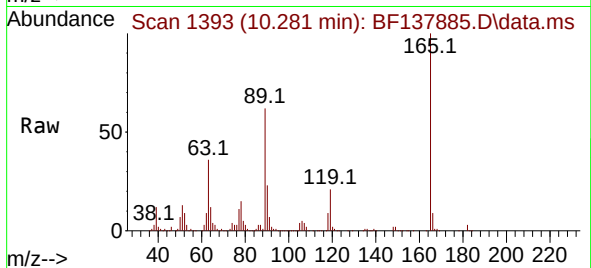
#57
2,4-Dinitrotoluene
Concen: 47.368 ng
RT: 10.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

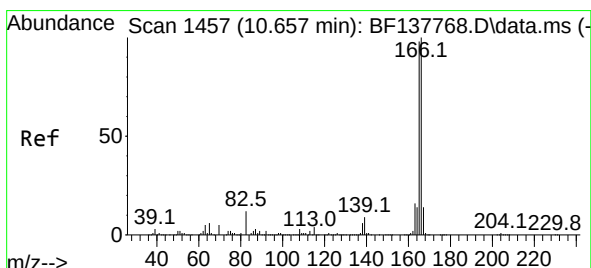
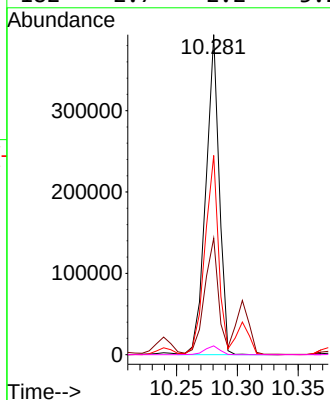
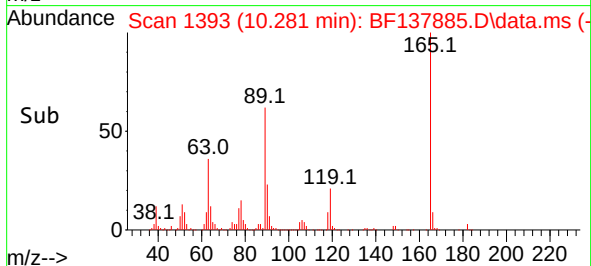


Tgt Ion:165 Resp: 301227
Ion Ratio Lower Upper
165 100
63 36.4 31.3 46.9
89 62.3 54.2 81.4
182 2.7 2.2 3.2

Manual Integrations

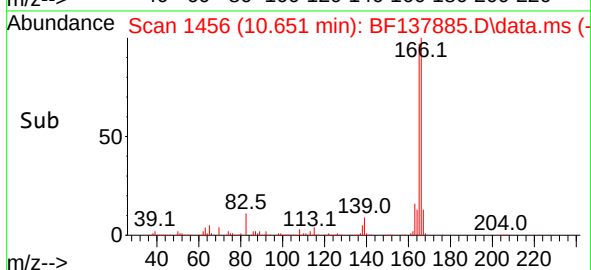
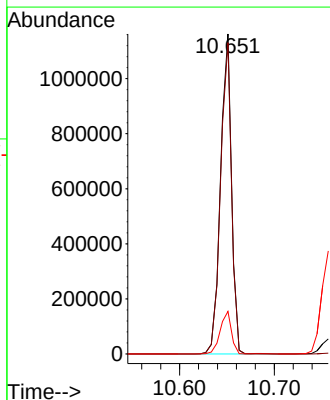
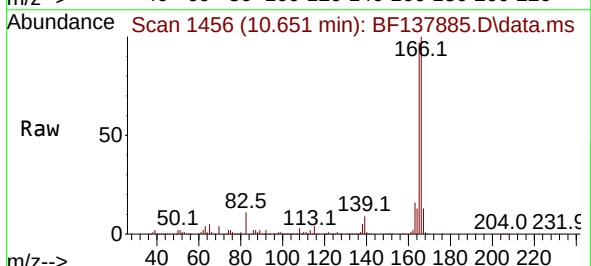
APPROVED

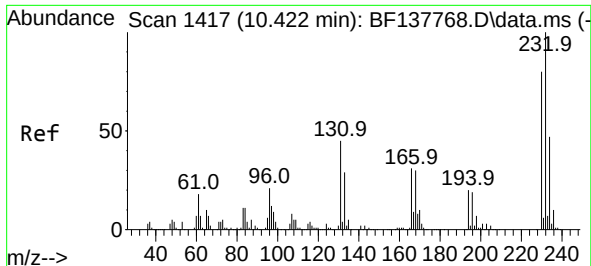
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#58
Fluorene
Concen: 45.293 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:166 Resp: 940287
Ion Ratio Lower Upper
166 100
165 97.3 78.2 117.2
167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.469 ng

RT: 10.416 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF137885.D

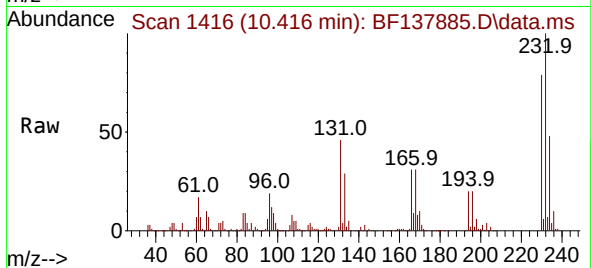
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



Tgt Ion:232 Resp: 24794

Ion Ratio Lower Upper

232 100

131 41.3 33.4 50.0

130 2.2 1.7 2.5

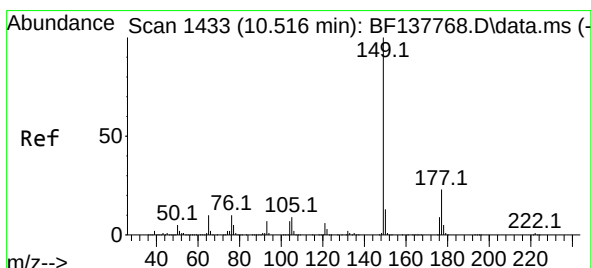
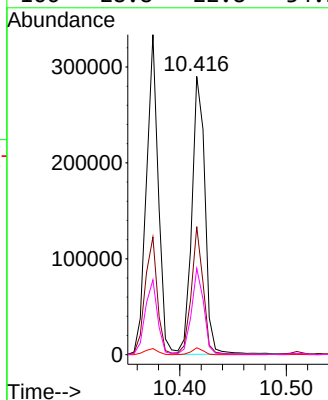
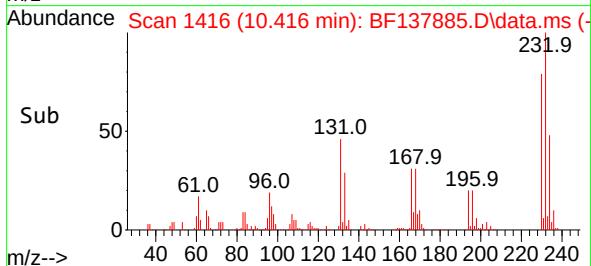
166 28.8 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#60

Diethylphthalate

Concen: 48.097 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

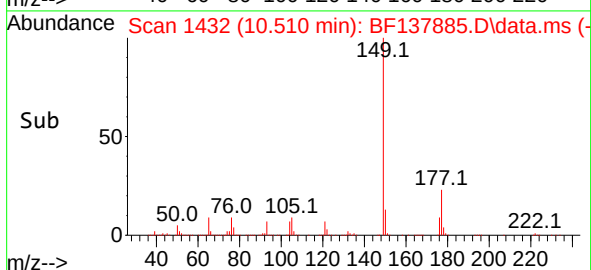
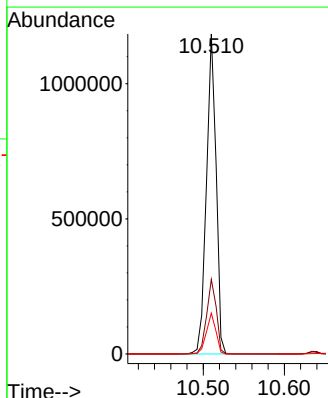
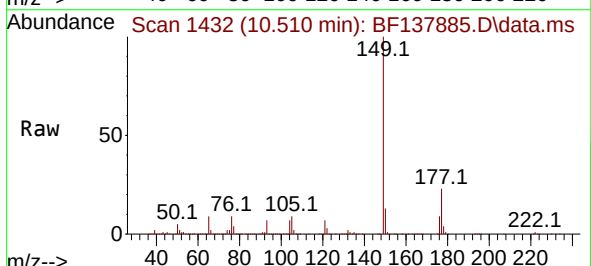
Tgt Ion:149 Resp: 972970

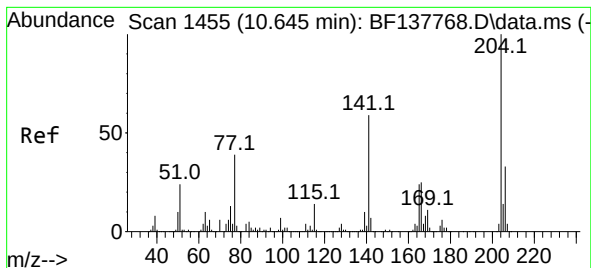
Ion Ratio Lower Upper

149 100

177 23.3 18.4 27.6

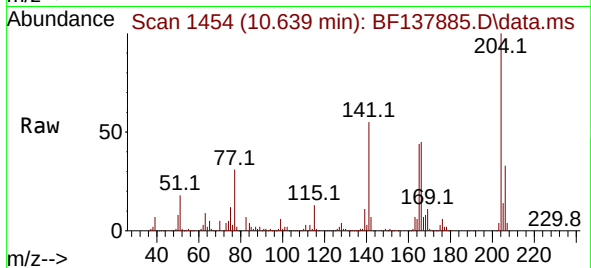
150 12.8 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 47.257 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

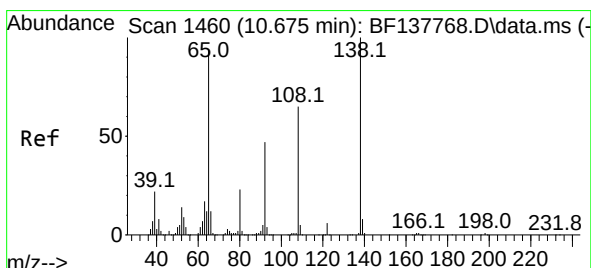
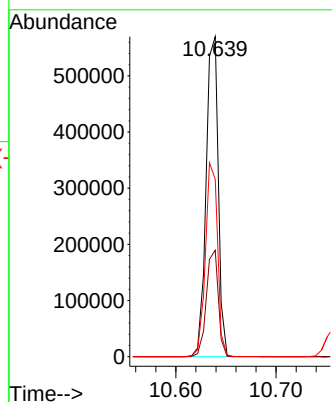
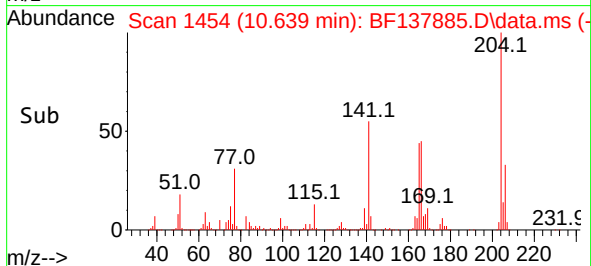
Instrument :
BNA_F
ClientSampleId :
B-02-011MSD



Tgt Ion:204 Resp: 48339
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 55.4 47.0 70.6

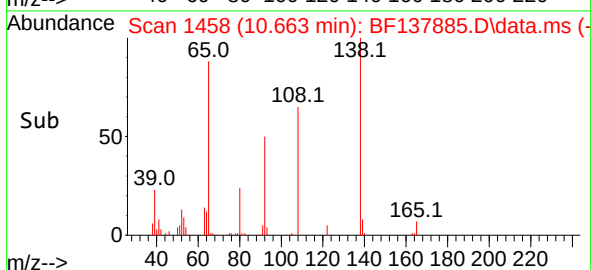
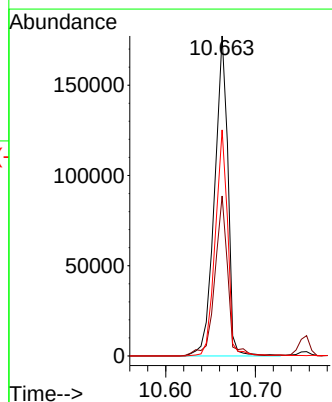
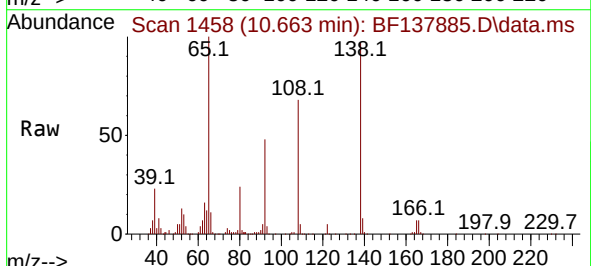
Manual Integrations
APPROVED

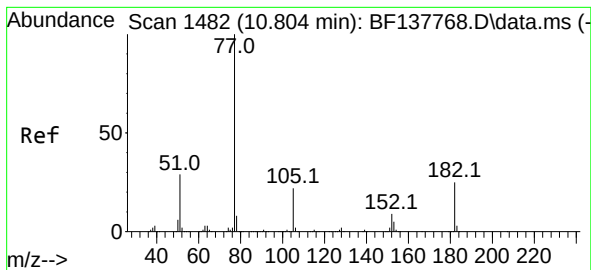
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#62
4-Nitroaniline
Concen: 35.422 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

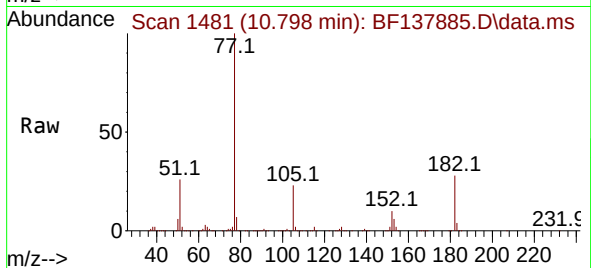
Tgt Ion:138 Resp: 183143
Ion Ratio Lower Upper
138 100
92 50.0 26.8 66.8
108 70.6 44.7 84.7





#63
Azobenzene
Concen: 45.881 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

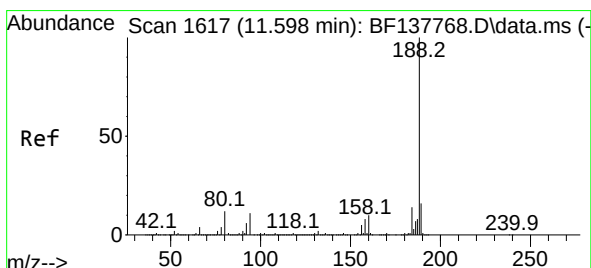
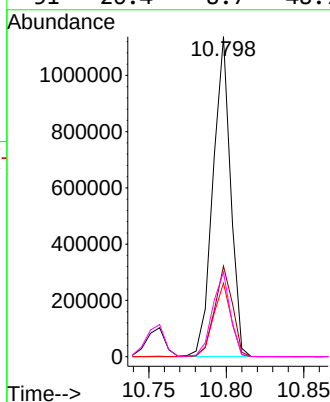
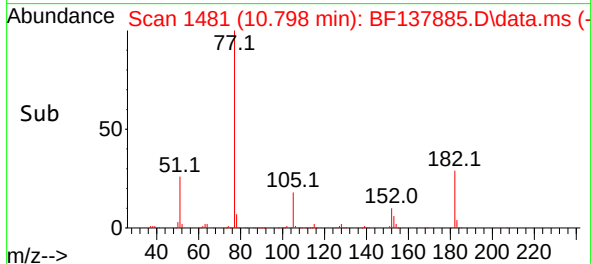
Instrument :
BNA_F
ClientSampleId :
B-02-011MSD



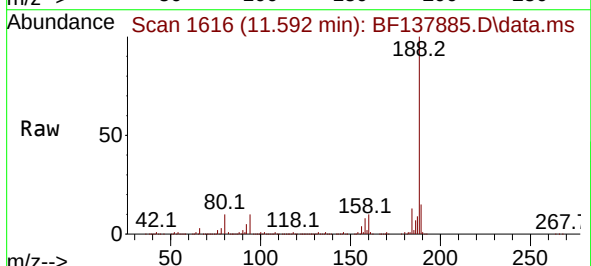
Tgt Ion: 77 Resp: 89704
Ion Ratio Lower Upper
77 100
182 28.3 5.1 45.1
105 23.0 2.2 42.2
51 26.4 8.7 48.7

Manual Integrations
APPROVED

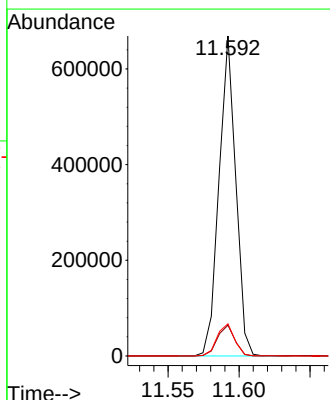
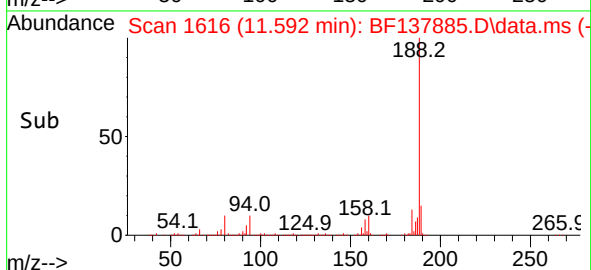
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

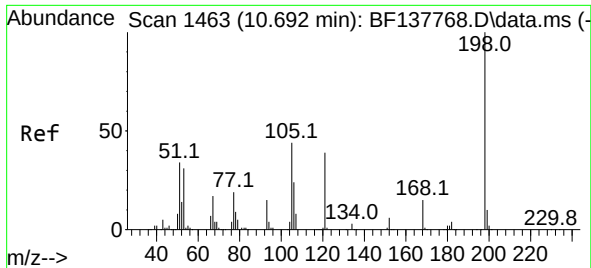


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



Tgt Ion:188 Resp: 548147
Ion Ratio Lower Upper
188 100
94 9.6 8.8 13.2
80 10.1 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 48.261 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

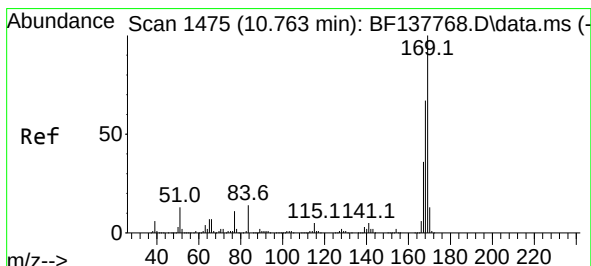
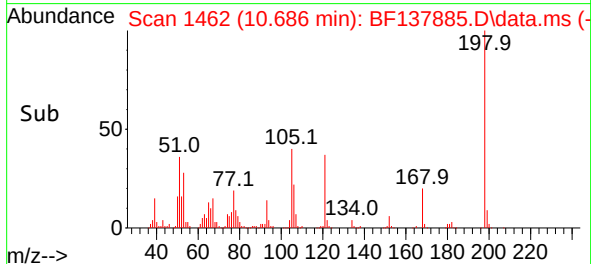
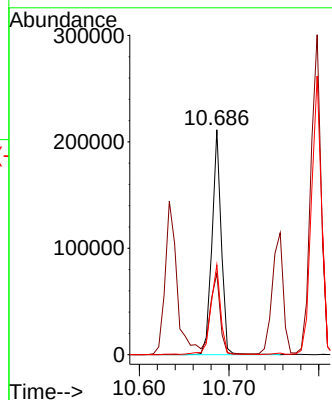
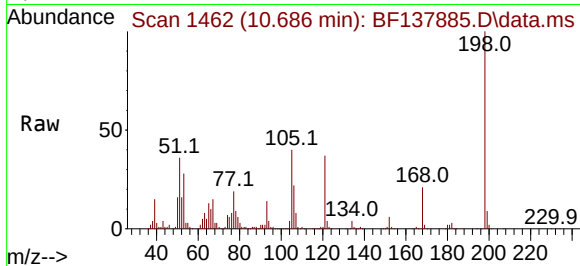
B-02-011MSD

Tgt Ion:198 Resp: 151838
Ion Ratio Lower Upper
198 100
51 36.1 25.1 65.1
105 39.9 24.1 64.1

Manual Integrations

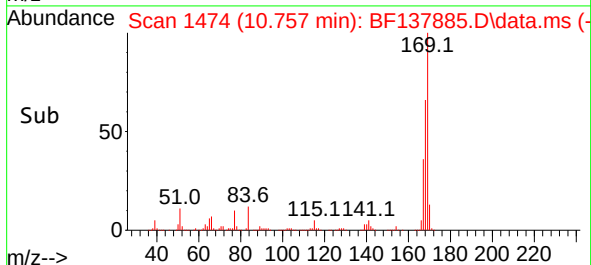
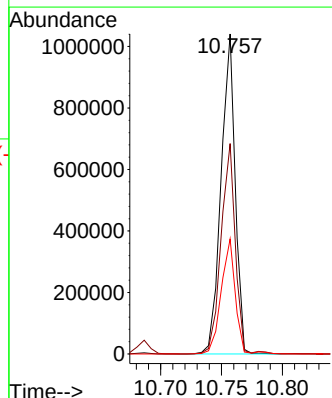
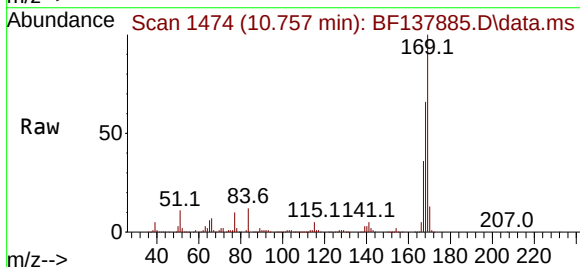
APPROVED

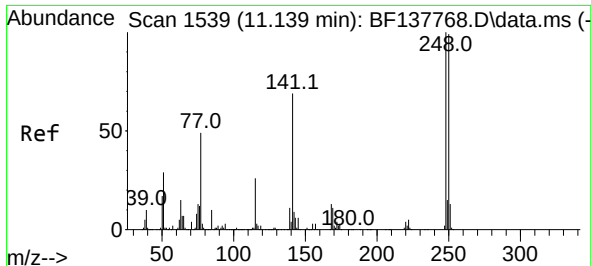
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#66
n-Nitrosodiphenylamine
Concen: 51.262 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:169 Resp: 841118
Ion Ratio Lower Upper
169 100
168 65.8 53.3 79.9
167 36.0 29.2 43.8





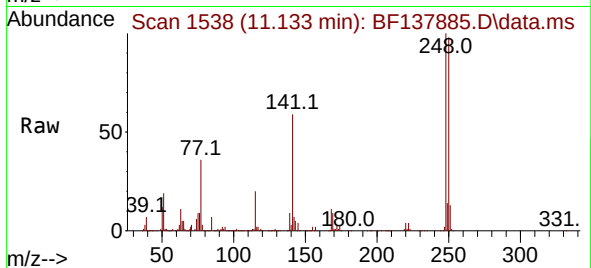
#67
4-Bromophenyl-phenylether
Concen: 50.639 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



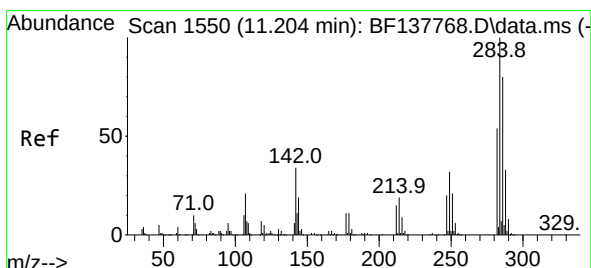
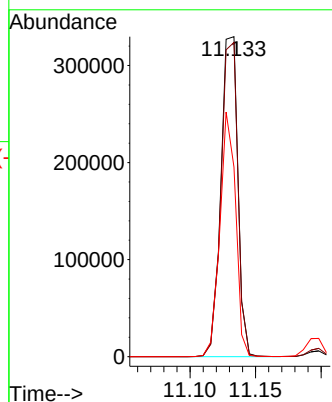
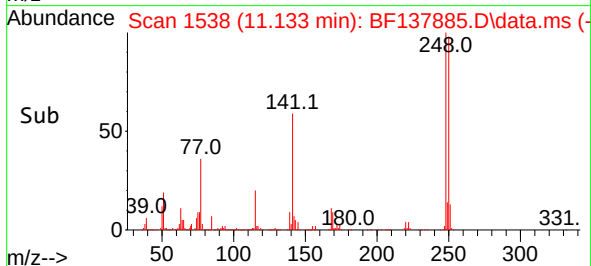
Tgt Ion:248 Resp: 297069
Ion Ratio Lower Upper
248 100
250 98.2 79.1 118.7
141 59.3 55.4 83.2

Manual Integrations

APPROVED

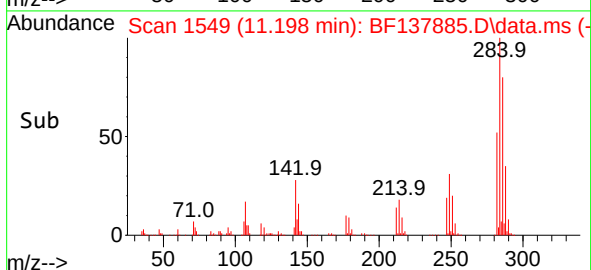
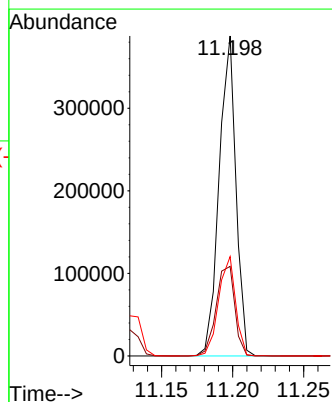
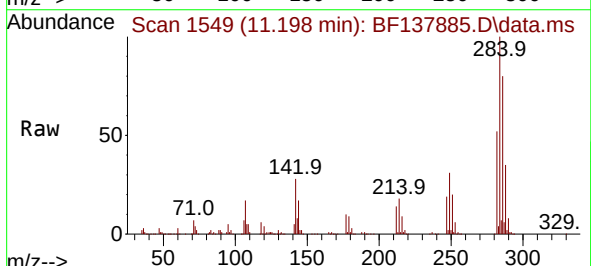
Reviewed By :Yogesh Patel 05/13/2024

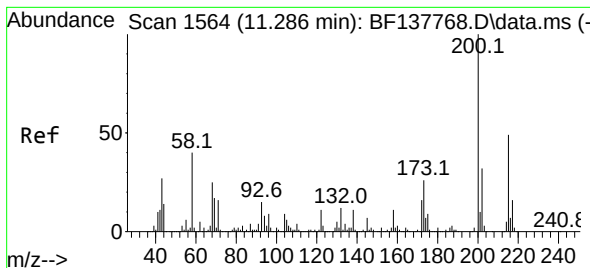
Supervised By :mohammad ahmed 05/13/2024



#68
Hexachlorobenzene
Concen: 49.522 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:284 Resp: 317475
Ion Ratio Lower Upper
284 100
142 28.0 27.3 40.9
249 31.0 25.6 38.4





#69

Atrazine

Concen: 54.196 ng

RT: 11.280 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF137885.D

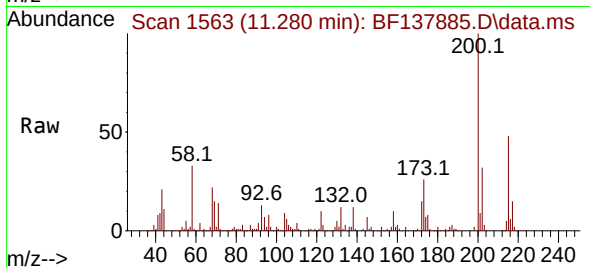
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



Tgt Ion:200 Resp: 271145

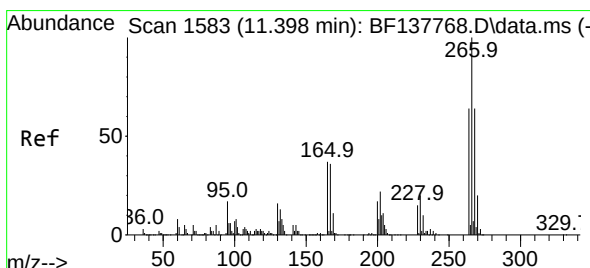
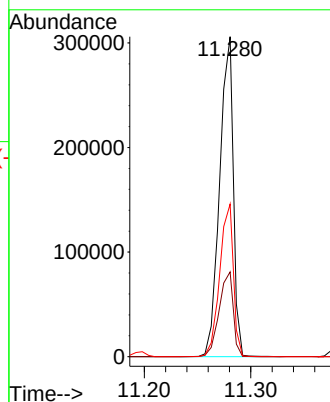
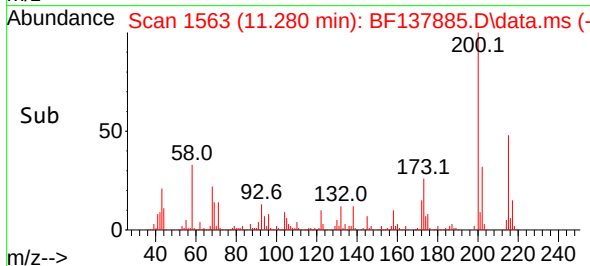
Ion	Ratio	Lower	Upper
200	100		
173	26.5	5.9	45.9
215	47.7	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#70

Pentachlorophenol

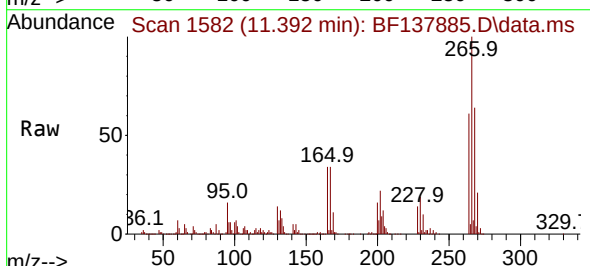
Concen: 76.031 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

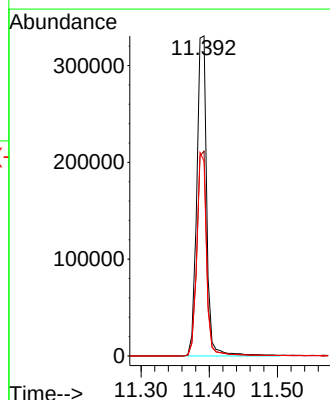
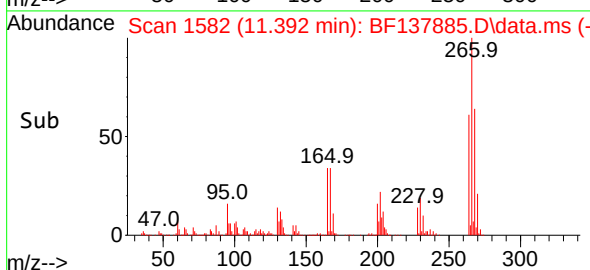
Lab File: BF137885.D

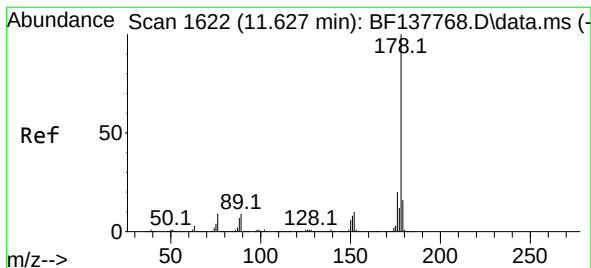
Acq: 10 May 2024 17:21



Tgt Ion:266 Resp: 334637

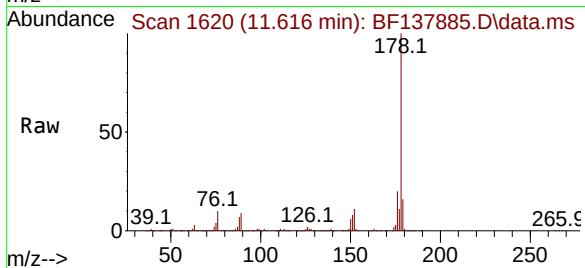
Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.3	76.9
264	60.8	51.0	76.4





#71
Phenanthrene
Concen: 46.179 ng
RT: 11.616 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

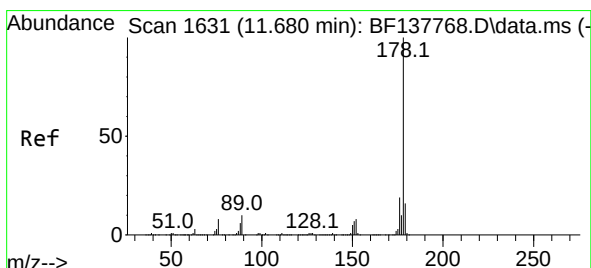
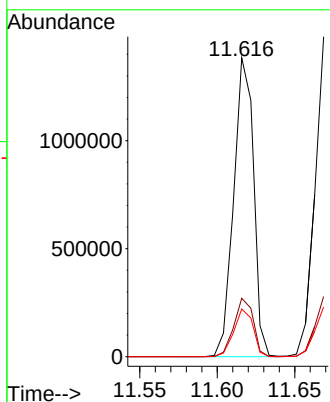
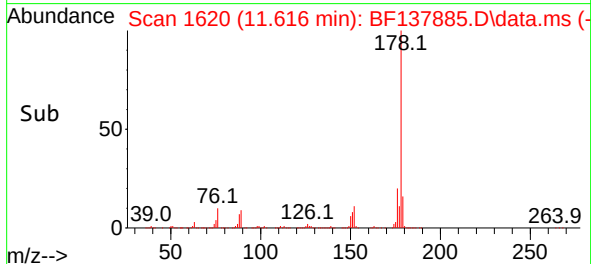
Instrument :
BNA_F
ClientSampleId :
B-02-011MSD



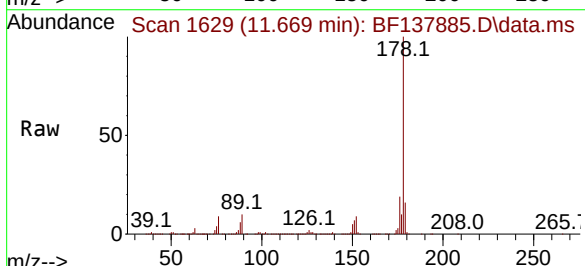
Tgt Ion:178 Resp: 1233785
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.9 12.5 18.7

Manual Integrations
APPROVED

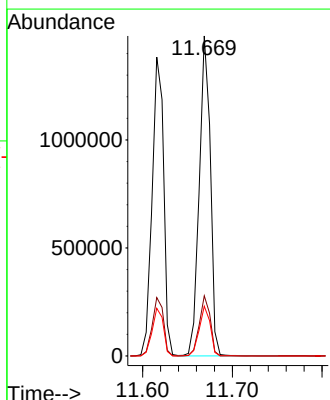
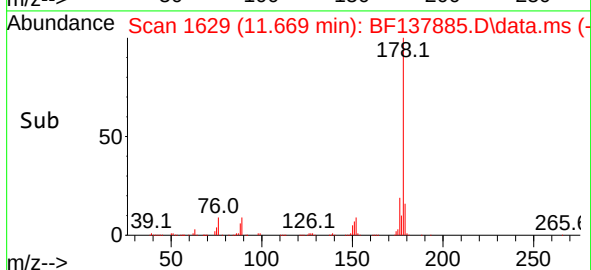
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

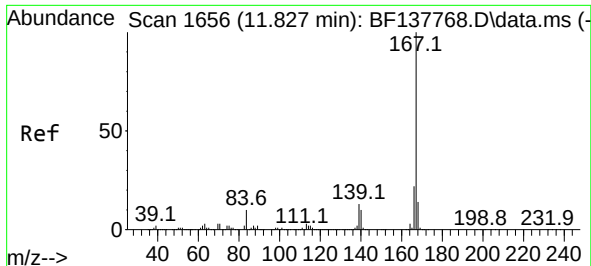


#72
Anthracene
Concen: 47.800 ng
RT: 11.669 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



Tgt Ion:178 Resp: 1270709
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.6 18.8





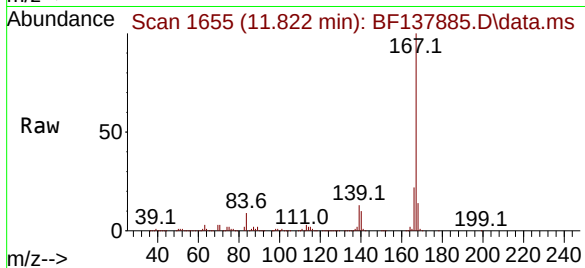
#73
 Carbazole
 Concen: 39.300 ng
 RT: 11.822 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF137885.D
 Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



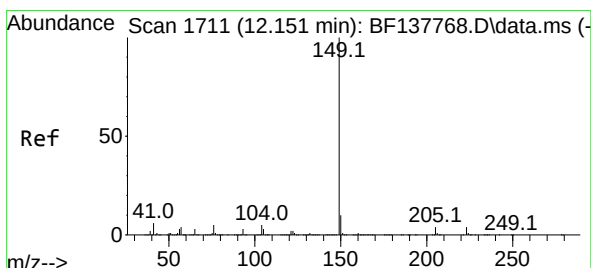
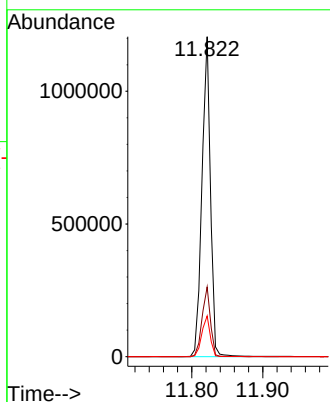
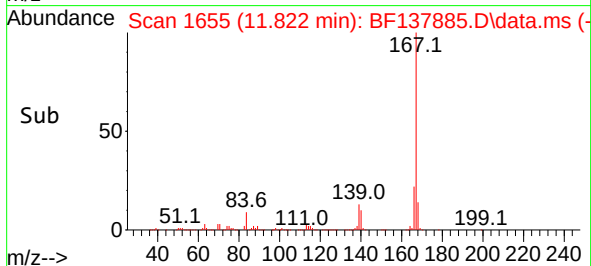
Tgt Ion:167 Resp: 100687
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.8 10.5 15.7

Manual Integrations

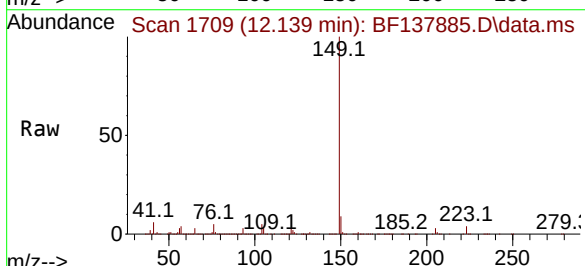
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

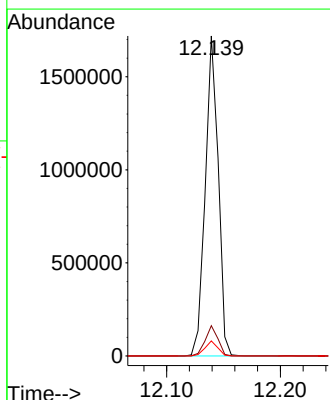
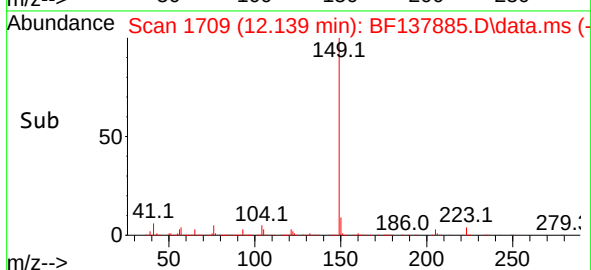
Supervised By :mohammad ahmed 05/13/2024

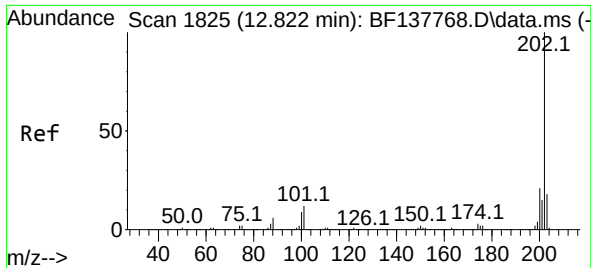


#74
 Di-n-butylphthalate
 Concen: 48.695 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137885.D
 Acq: 10 May 2024 17:21



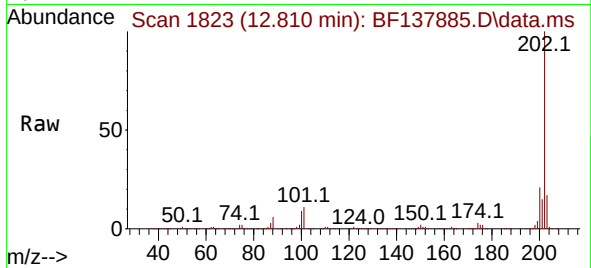
Tgt Ion:149 Resp: 1360889
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.7 3.8 5.8





#75
Fluoranthene
Concen: 37.335 ng
RT: 12.810 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

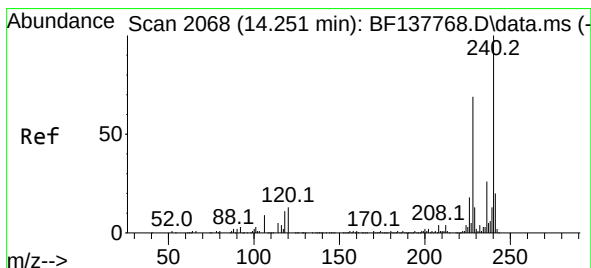
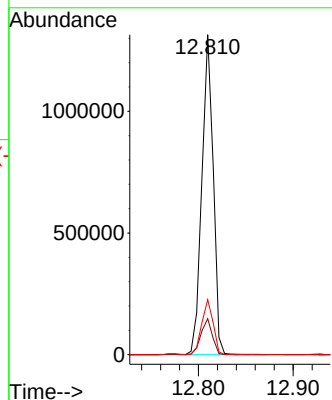
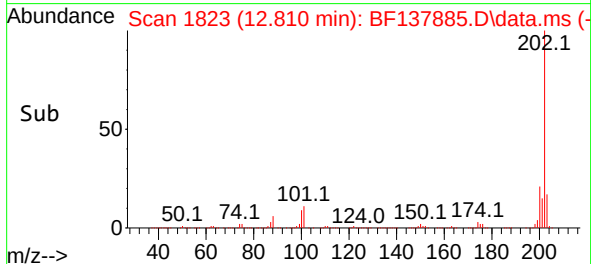
Instrument :
BNA_F
ClientSampleId :
B-02-011MSD



Tgt Ion:202 Resp: 1090394
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.8
203 17.2 0.0 37.8

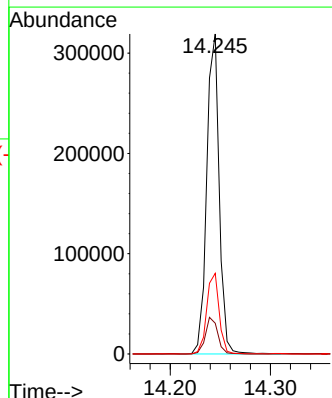
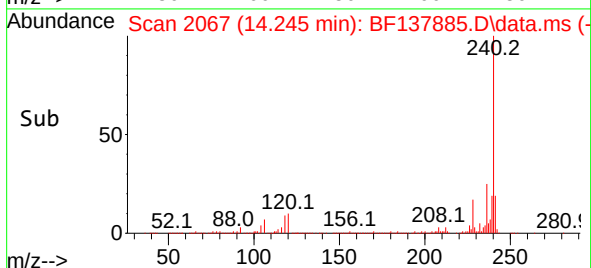
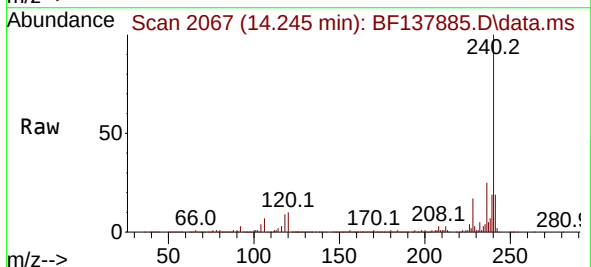
Manual Integrations
APPROVED

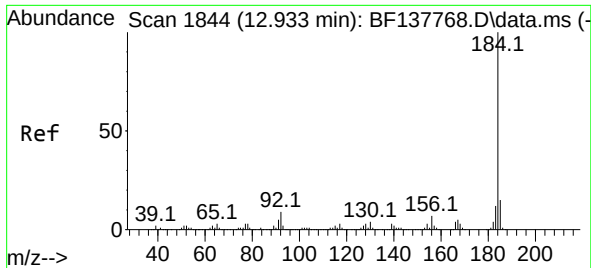
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:240 Resp: 277190
Ion Ratio Lower Upper
240 100
120 9.6 10.4 15.6#
236 25.2 20.4 30.6





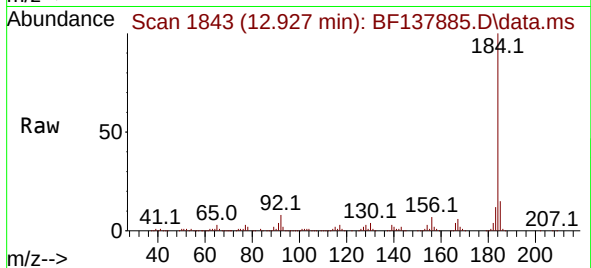
#77
Benzidine
Concen: 52.615 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



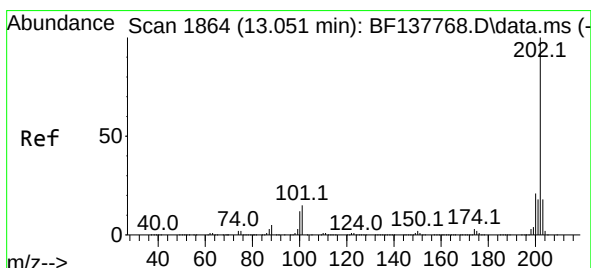
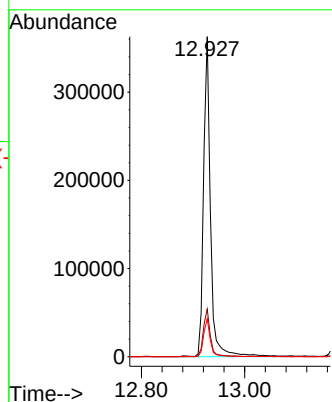
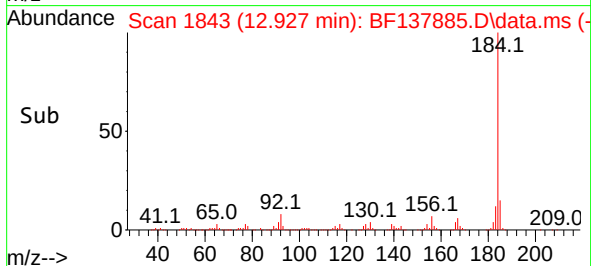
Tgt Ion:184 Resp: 33730
Ion Ratio Lower Upper
184 100
185 14.9 12.3 18.5
183 11.8 9.2 13.8

Manual Integrations

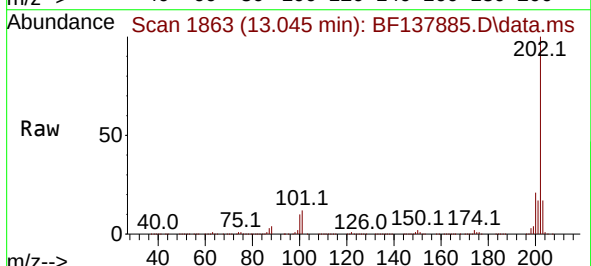
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

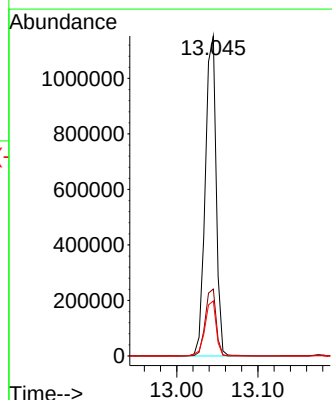
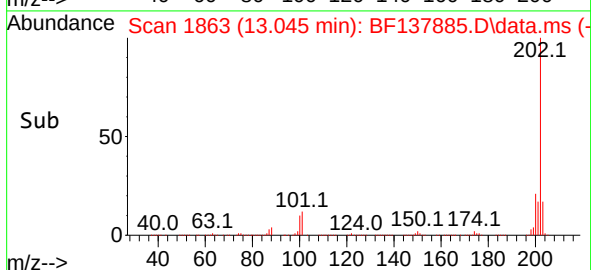
Supervised By :mohammad ahmed 05/13/2024

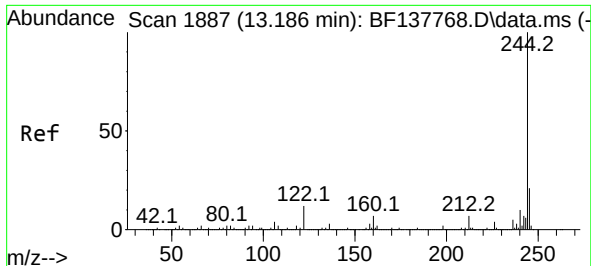


#78
Pyrene
Concen: 48.739 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



Tgt Ion:202 Resp: 1071167
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.2 14.4 21.6





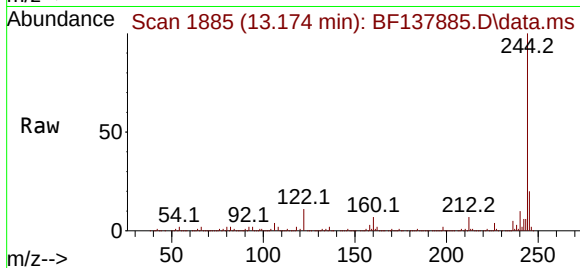
#79
 Terphenyl-d14
 Concen: 71.997 ng
 RT: 13.174 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137885.D
 Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



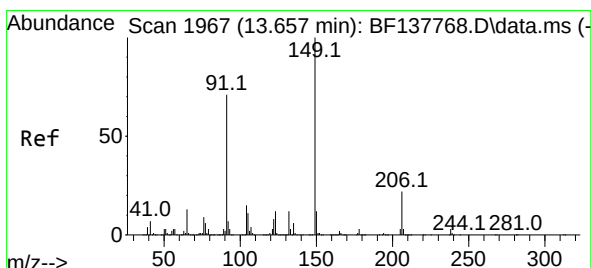
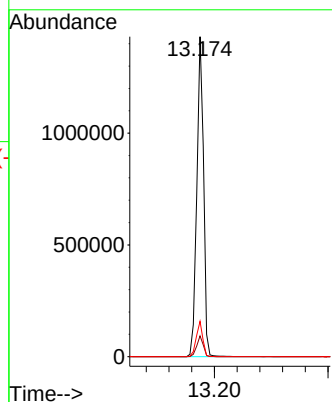
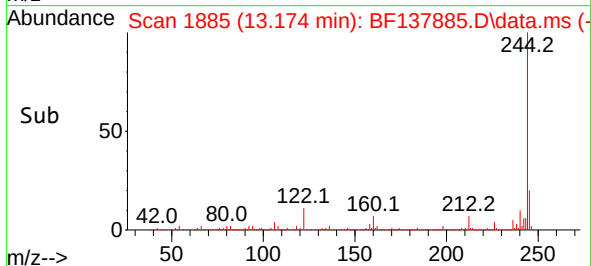
Tgt Ion:244 Resp: 1190835
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 11.1 9.4 14.2

Manual Integrations

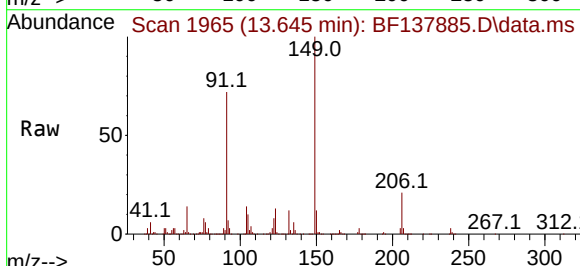
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

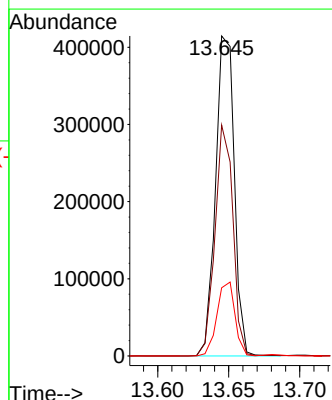
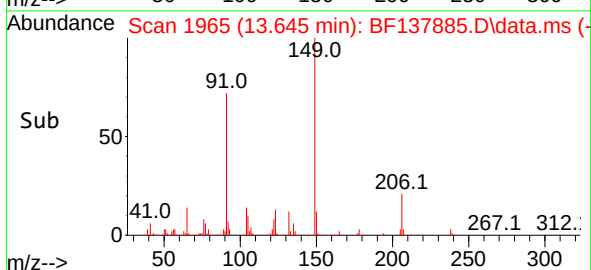
Supervised By :mohammad ahmed 05/13/2024

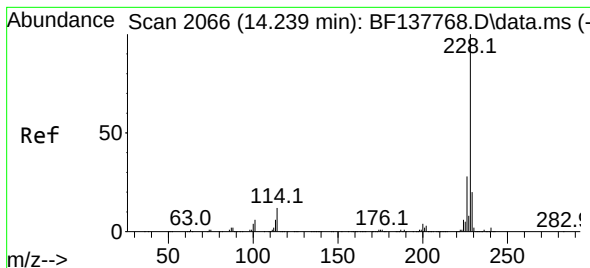


#80
 Butylbenzylphthalate
 Concen: 54.613 ng
 RT: 13.645 min Scan# 1965
 Delta R.T. -0.012 min
 Lab File: BF137885.D
 Acq: 10 May 2024 17:21



Tgt Ion:149 Resp: 380829
 Ion Ratio Lower Upper
 149 100
 91 72.2 56.8 85.2
 206 21.3 17.8 26.8





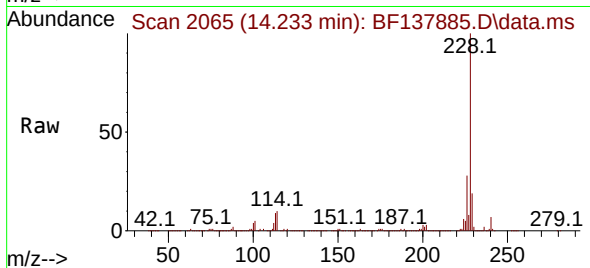
#81
Benzo(a)anthracene
Concen: 47.771 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

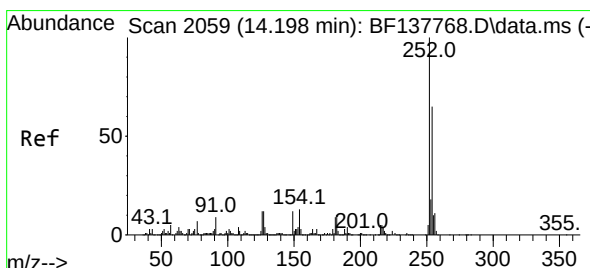
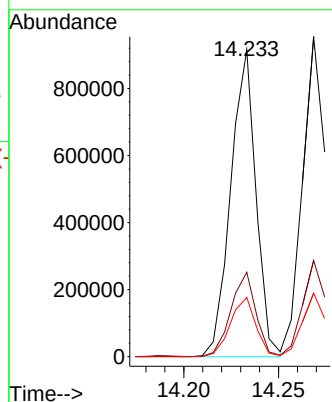
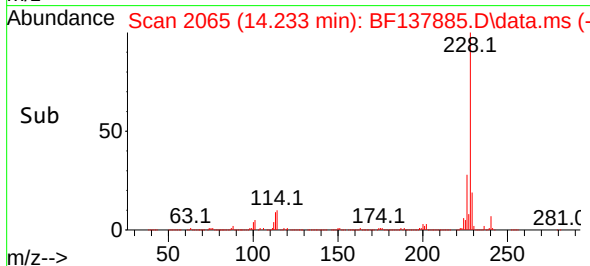


Tgt Ion:228 Resp: 846920
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 19.3 16.3 24.5

Manual Integrations

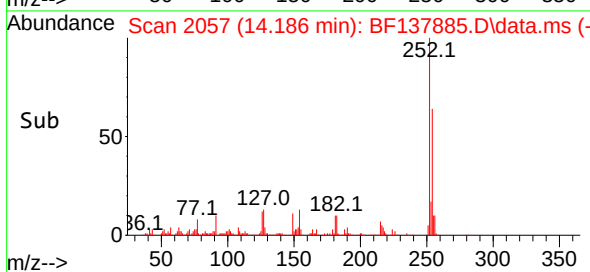
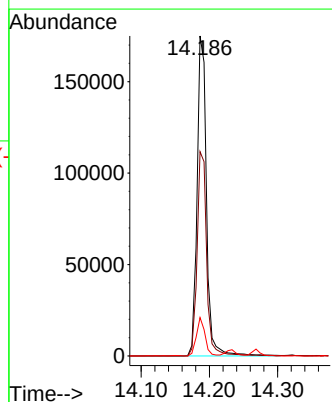
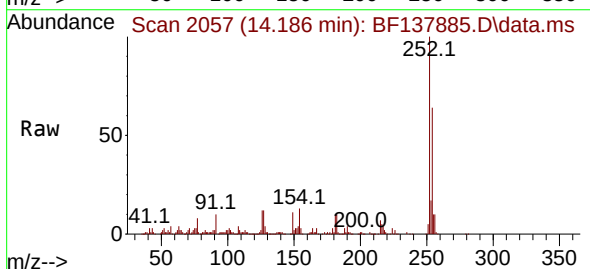
APPROVED

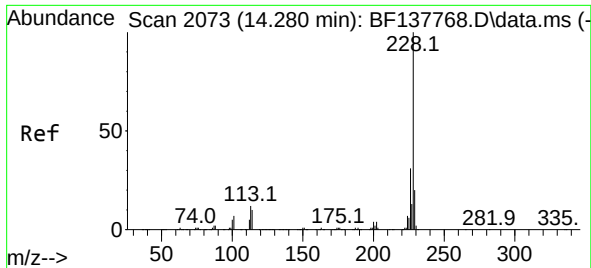
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#82
3,3'-Dichlorobenzidine
Concen: 31.621 ng
RT: 14.186 min Scan# 2057
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:252 Resp: 167828
Ion Ratio Lower Upper
252 100
254 63.8 51.7 77.5
126 12.0 9.7 14.5





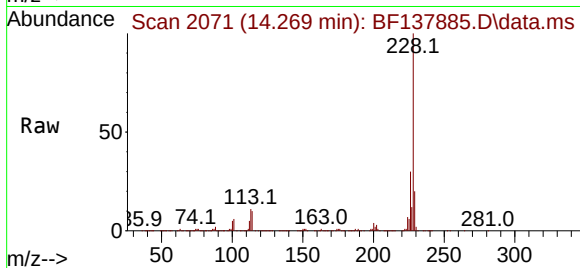
#83
Chrysene
Concen: 49.114 ng
RT: 14.269 min Scan# 2073
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

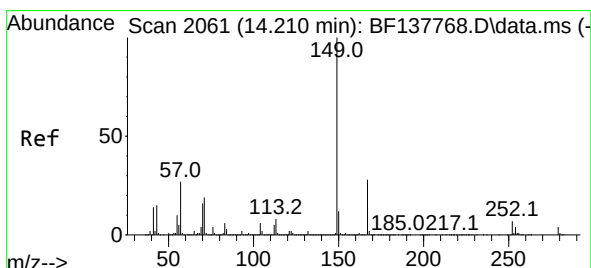
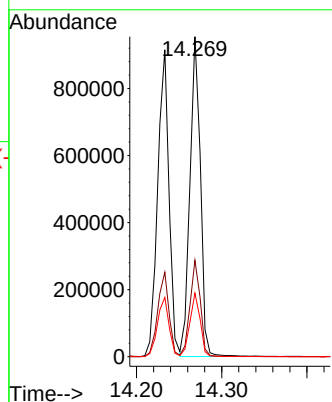
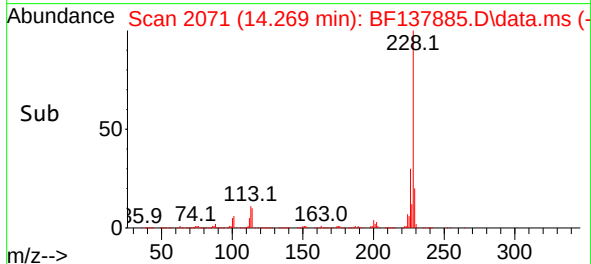


Tgt Ion:228 Resp: 815298
Ion Ratio Lower Upper
228 100
226 30.1 24.8 37.2
229 19.8 16.0 24.0

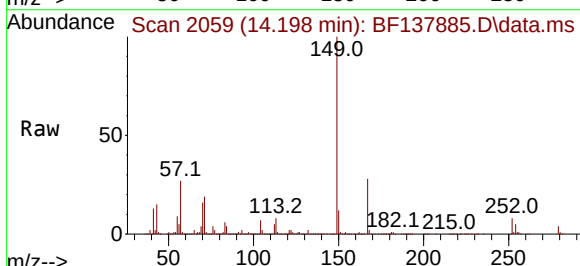
Manual Integrations

APPROVED

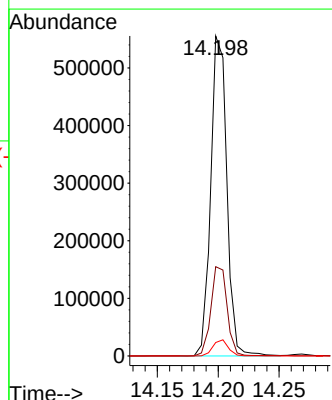
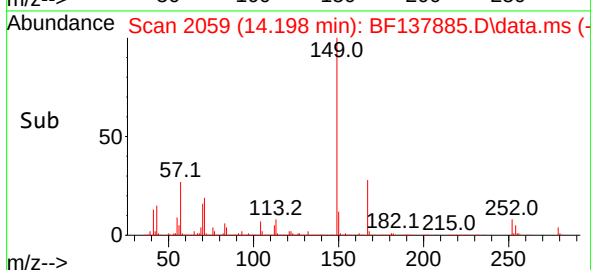
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

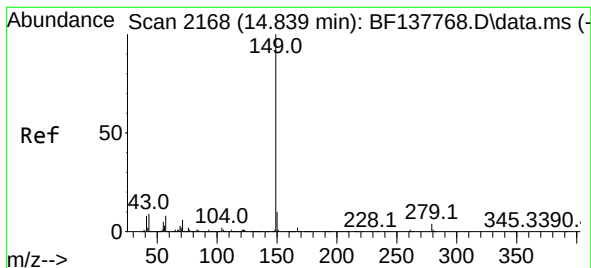


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.118 ng
RT: 14.198 min Scan# 2059
Delta R.T. -0.012 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21



Tgt Ion:149 Resp: 510748
Ion Ratio Lower Upper
149 100
167 27.9 22.4 33.6
279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 74.031 ng

RT: 14.827 min Scan# 2166

Delta R.T. -0.012 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

Tgt Ion:149 Resp: 875579

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

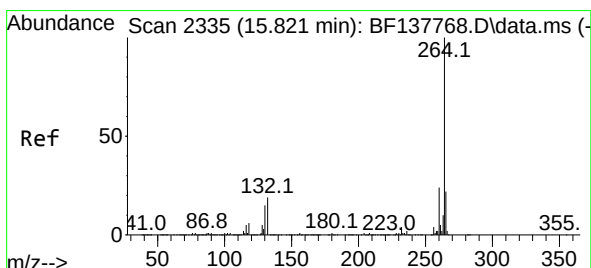
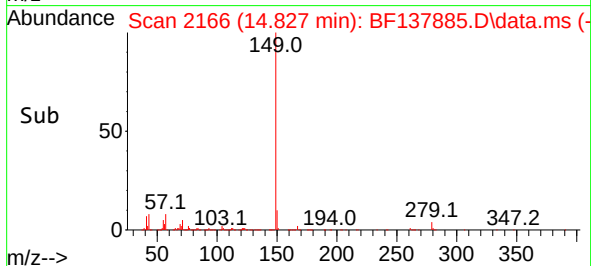
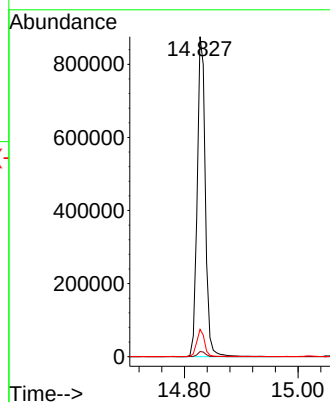
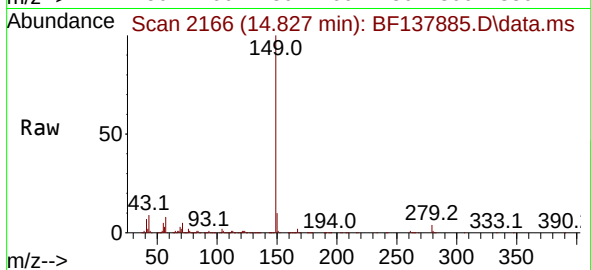
43 8.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 2333

Delta R.T. -0.012 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

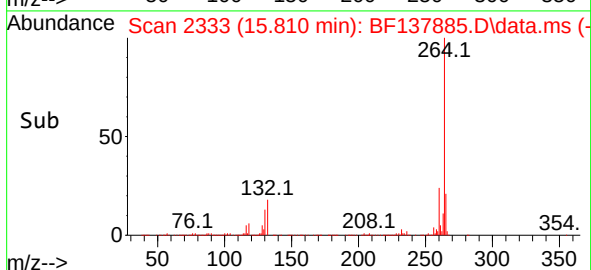
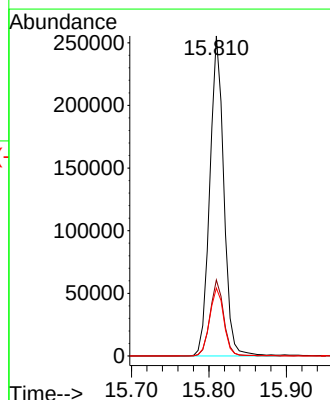
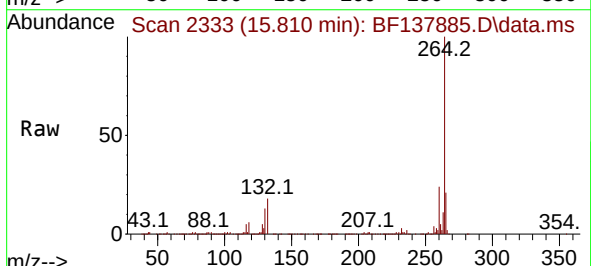
Tgt Ion:264 Resp: 320448

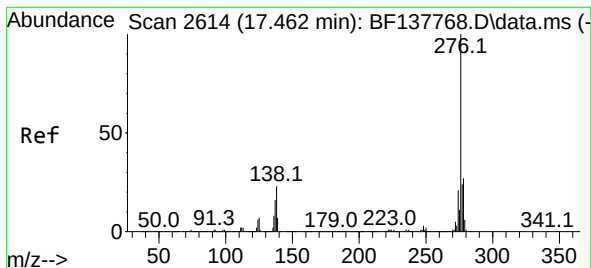
Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.025 ng

RT: 17.445 min Scan# 2

Delta R.T. -0.018 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

Tgt Ion:276 Resp: 71096

Ion Ratio Lower Upper

276 100

138 26.2 21.4 32.0

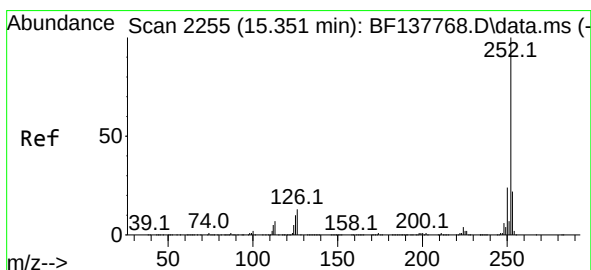
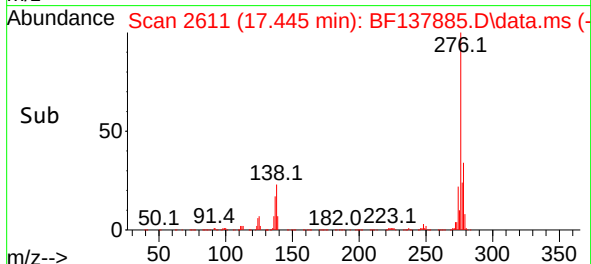
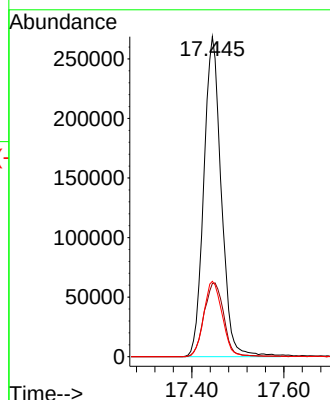
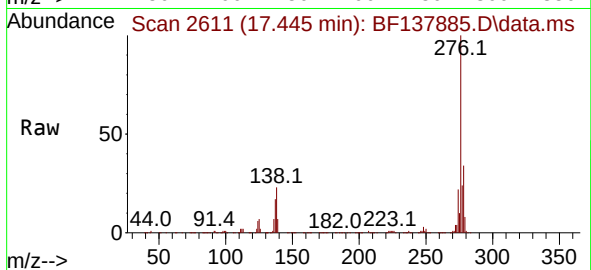
277 25.0 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#88

Benzo(b)fluoranthene

Concen: 47.083 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.012 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

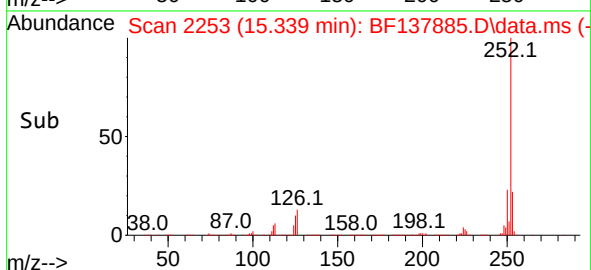
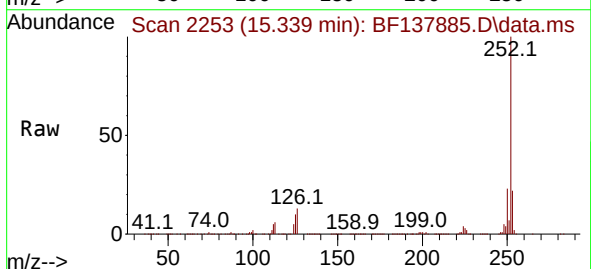
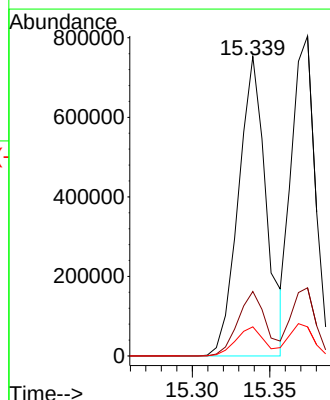
Tgt Ion:252 Resp: 938711

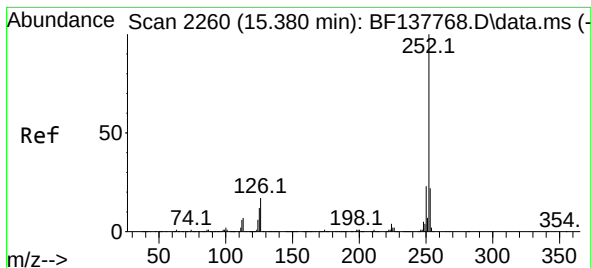
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 44.938 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD

Tgt Ion:252 Resp: 86596

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

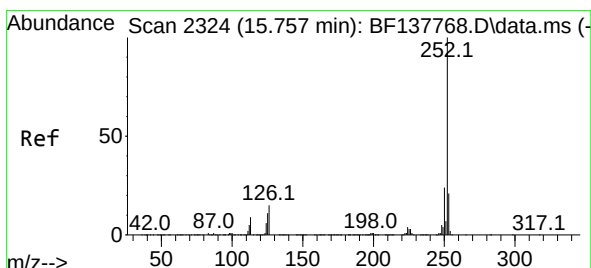
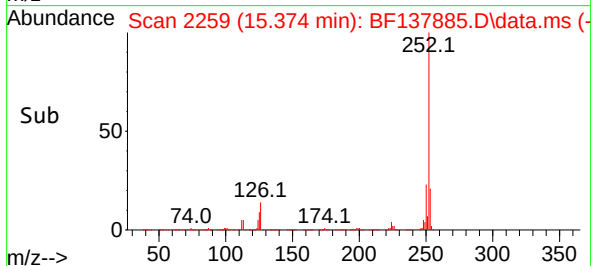
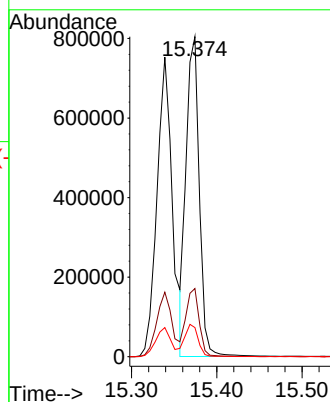
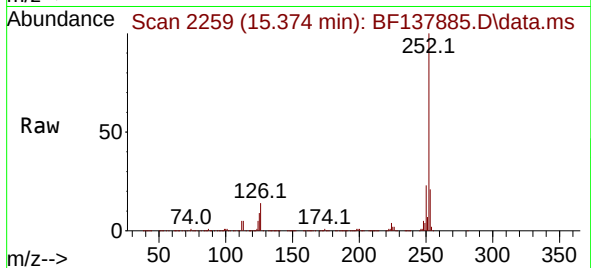
125 9.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#90

Benzo(a)pyrene

Concen: 50.477 ng

RT: 15.745 min Scan# 2322

Delta R.T. -0.012 min

Lab File: BF137885.D

Acq: 10 May 2024 17:21

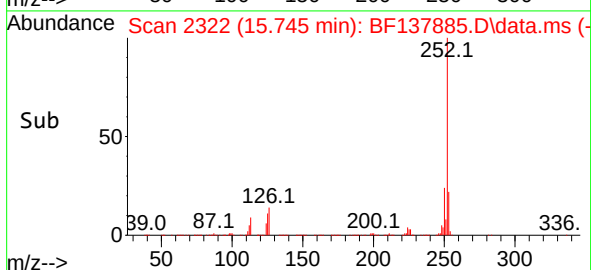
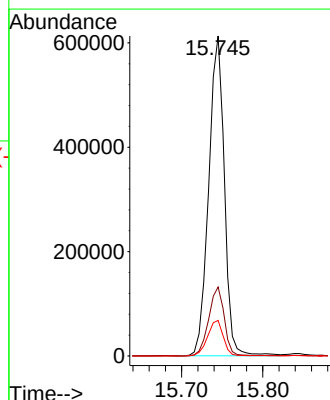
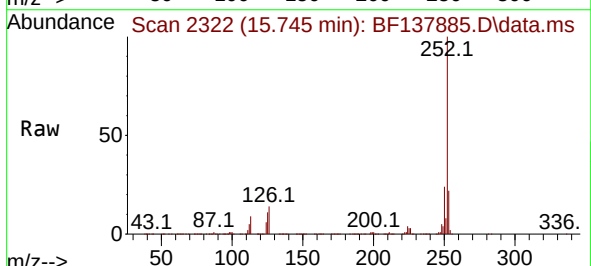
Tgt Ion:252 Resp: 821031

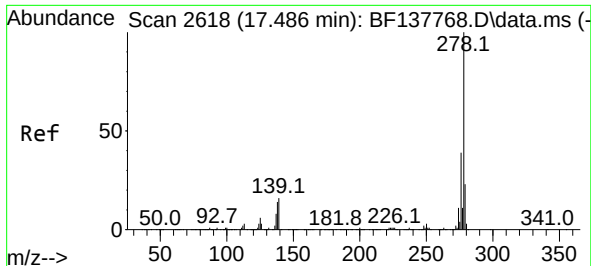
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 11.1 9.0 13.6





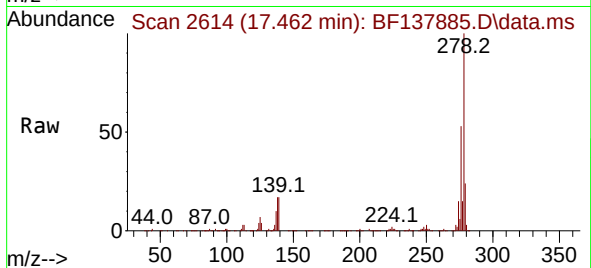
#91
Dibenzo(a,h)anthracene
Concen: 38.534 ng
RT: 17.462 min Scan# 2614
Delta R.T. -0.023 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Instrument :

BNA_F

ClientSampleId :

B-02-011MSD



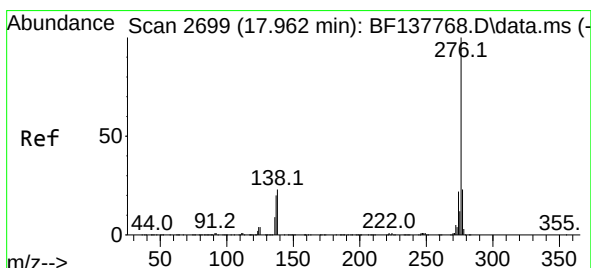
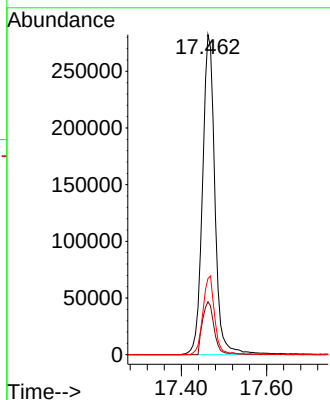
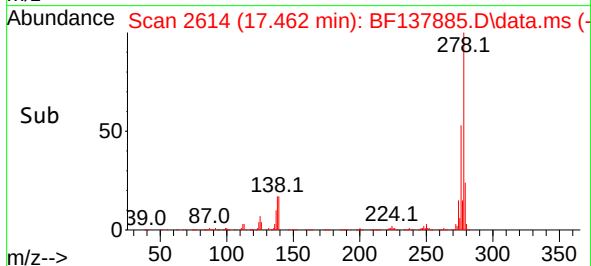
Tgt Ion:278 Resp: 571428
Ion Ratio Lower Upper
278 100
139 16.5 13.0 19.6
279 23.8 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#92
Benzo(g,h,i)perylene
Concen: 34.331 ng
RT: 17.945 min Scan# 2696
Delta R.T. -0.018 min
Lab File: BF137885.D
Acq: 10 May 2024 17:21

Tgt Ion:276 Resp: 533703
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 21.5 18.1 27.1

