

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137884.D
 Acq On : 10 May 2024 16:51
 Operator : CG\JU
 Sample : P2432-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-02-011MS

Quant Time: May 11 00:37:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	166145	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	664132	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	364310	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	575631	20.000	ng	0.00
76) Chrysene-d12	14.245	240	305761	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	338567	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	925702	93.286	ng	0.00
7) Phenol-d6	6.669	99	1186442	94.261	ng	0.00
23) Nitrobenzene-d5	7.616	82	703884	61.576	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	341713	91.866	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1472663	65.581	ng	-0.01
79) Terphenyl-d14	13.174	244	1233165	67.589	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	181277	40.567	ng	97
3) Pyridine	3.793	79	438188	40.517	ng	96
4) n-Nitrosodimethylamine	3.757	42	204252	41.940	ng	95
6) Aniline	6.710	93	407256m	32.645	ng	
8) 2-Chlorophenol	6.834	128	512531	47.394	ng	99
9) Benzaldehyde	6.598	77	149429	22.045	ng	99
10) Phenol	6.681	94	584448	45.316	ng	99
11) bis(2-Chloroethyl)ether	6.781	93	447908	44.353	ng	99
12) 1,3-Dichlorobenzene	6.992	146	540750	44.342	ng	98
13) 1,4-Dichlorobenzene	7.069	146	550885	45.020	ng	98
14) 1,2-Dichlorobenzene	7.222	146	523281	45.403	ng	99
15) Benzyl Alcohol	7.187	79	403483	46.354	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.310	45	585572	41.253	ng	98
17) 2-Methylphenol	7.292	107	410538	47.047	ng	99
18) Hexachloroethane	7.563	117	182926	44.220	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	321830	42.785	ng	97
20) 3+4-Methylphenols	7.440	107	512106	44.607	ng	97
22) Acetophenone	7.457	105	669706	44.837	ng	99
24) Nitrobenzene	7.634	77	491923	41.754	ng	95
25) Isophorone	7.869	82	905337	43.926	ng	98
26) 2-Nitrophenol	7.945	139	270244	50.653	ng	92
27) 2,4-Dimethylphenol	7.975	122	370480	48.234	ng	95
28) bis(2-Chloroethoxy)met...	8.075	93	541261	43.374	ng	100
29) 2,4-Dichlorophenol	8.187	162	426028	45.889	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	457145	45.169	ng	99
31) Naphthalene	8.357	128	1459076	44.208	ng	99
32) Benzoic acid	8.081	122	270636	40.843	ng	98
33) 4-Chloroaniline	8.398	127	120733	9.865	ng	98
34) Hexachlorobutadiene	8.469	225	271686	43.724	ng	98
35) Caprolactam	8.775	113	132078m	44.901	ng	
36) 4-Chloro-3-methylphenol	8.875	107	433483	44.774	ng	96
37) 2-Methylnaphthalene	9.051	142	945036	44.235	ng	100
38) 1-Methylnaphthalene	9.151	142	879220	41.831	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	460284	47.703	ng	98
41) Hexachlorocyclopentadiene	9.198	237	449869	114.787	ng	100
43) 2,4,6-Trichlorophenol	9.322	196	303381	46.190	ng	99

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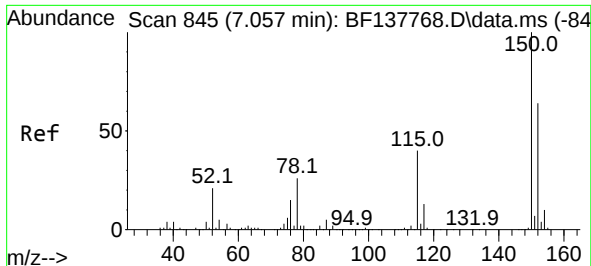
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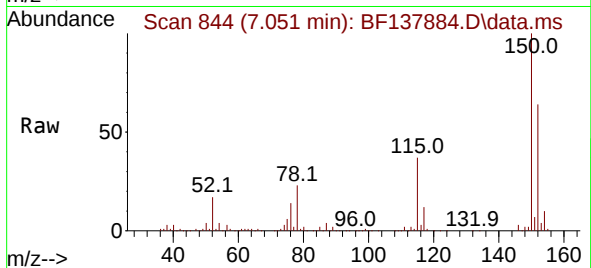
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	326001	44.951	ng	98
46) 1,1'-Biphenyl	9.516	154	1164746	46.586	ng	99
47) 2-Chloronaphthalene	9.545	162	910979	45.131	ng	98
48) 2-Nitroaniline	9.633	65	244759	44.710	ng	98
49) Acenaphthylene	9.963	152	1423073	48.736	ng	99
50) Dimethylphthalate	9.810	163	1075406	46.760	ng	100
51) 2,6-Dinitrotoluene	9.875	165	243088	46.251	ng	96
52) Acenaphthene	10.133	154	925044	47.794	ng	98
53) 3-Nitroaniline	10.045	138	150274	27.303	ng	98
54) 2,4-Dinitrophenol	10.151	184	203138	78.659	ng	95
55) Dibenzofuran	10.304	168	1283172	45.558	ng	99
56) 4-Nitrophenol	10.198	139	291763	63.959	ng	97
57) 2,4-Dinitrotoluene	10.281	165	313722	45.689	ng	94
58) Fluorene	10.651	166	959686	42.813	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.416	232	255877	43.458	ng	99
60) Diethylphthalate	10.510	149	1005027	46.012	ng	100
61) 4-Chlorophenyl-phenyle...	10.639	204	485117	43.922	ng	97
62) 4-Nitroaniline	10.663	138	185940	33.306	ng	95
63) Azobenzene	10.798	77	887339	42.032	ng	96
65) 4,6-Dinitro-2-methylph...	10.686	198	153752	46.536	ng	92
66) n-Nitrosodiphenylamine	10.757	169	833521	48.374	ng	99
67) 4-Bromophenyl-phenylether	11.128	248	298394	48.437	ng	95
68) Hexachlorobenzene	11.198	284	314962	46.784	ng	94
69) Atrazine	11.280	200	276594	52.646	ng	99
70) Pentachlorophenol	11.392	266	343892	74.404	ng	99
71) Phenanthrene	11.616	178	1312672	46.786	ng	100
72) Anthracene	11.669	178	1325981	47.498	ng	100
73) Carbazole	11.822	167	1086167	40.371	ng	99
74) Di-n-butylphthalate	12.139	149	1440106	49.069	ng	99
75) Fluoranthene	12.810	202	1129751	36.836	ng	99
77) Benzidine	12.927	184	336414	47.573	ng	99
78) Pyrene	13.045	202	1098418	45.308	ng	99
80) Butylbenzylphthalate	13.645	149	409463	53.233	ng	97
81) Benzo(a)anthracene	14.233	228	915284	46.803	ng	99
82) 3,3'-Dichlorobenzidine	14.192	252	179743	30.702	ng	# 98
83) Chrysene	14.268	228	872490	47.648	ng	98
84) Bis(2-ethylhexyl)phtha...	14.204	149	566831	58.472	ng	# 98
85) Di-n-octyl phthalate	14.833	149	932261	71.458	ng	98
87) Indeno(1,2,3-cd)pyrene	17.445	276	714530	37.121	ng	99
88) Benzo(b)fluoranthene	15.339	252	931865	44.238	ng	99
89) Benzo(k)fluoranthene	15.374	252	877366	43.093	ng	98
90) Benzo(a)pyrene	15.745	252	821126	47.781	ng	100
91) Dibenzo(a,h)anthracene	17.468	278	572823	36.561	ng	98
92) Benzo(g,h,i)perylene	17.945	276	554580	33.765	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

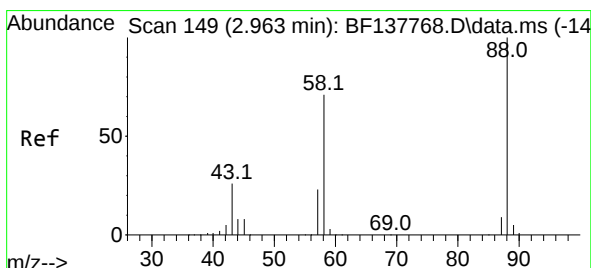
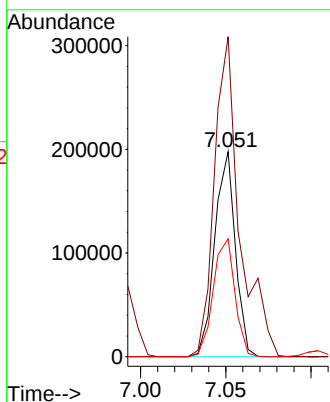
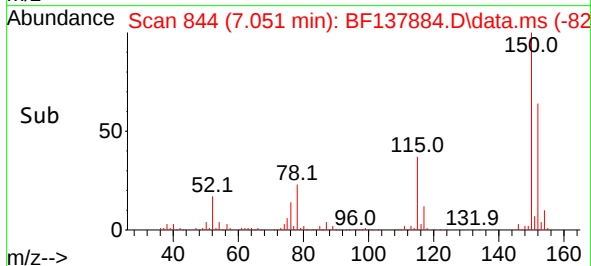
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



Tgt Ion:152 Resp: 16614
Ion Ratio Lower Upper
152 100
150 156.1 124.1 186.1
115 57.6 49.1 73.7

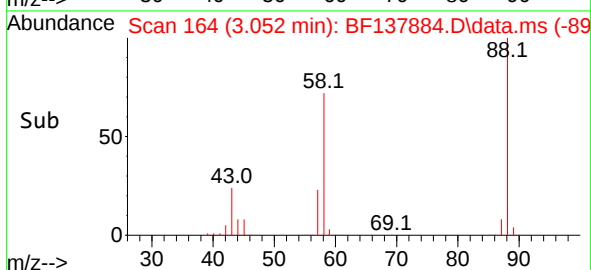
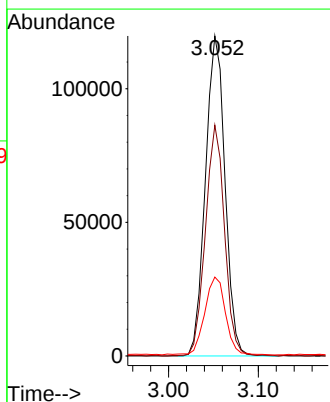
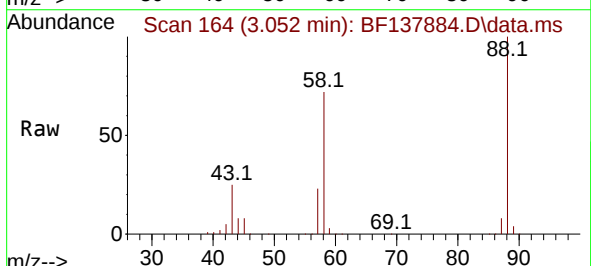
Manual Integrations
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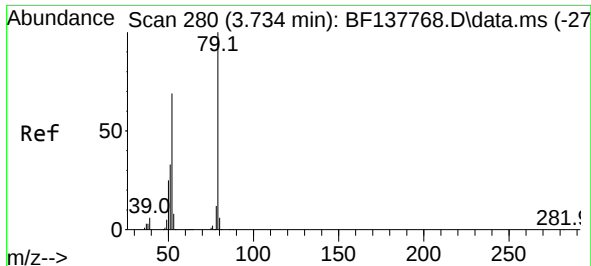
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 40.567 ng
RT: 3.052 min Scan# 164
Delta R.T. 0.088 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion: 88 Resp: 181277
Ion Ratio Lower Upper
88 100
58 70.4 58.8 88.2
43 26.0 21.4 32.0





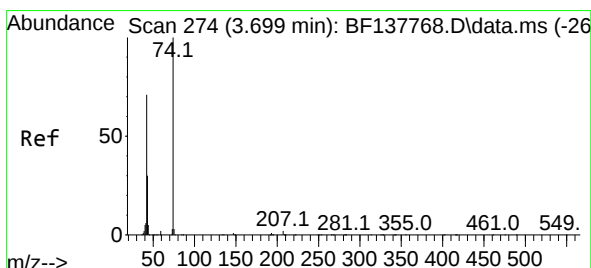
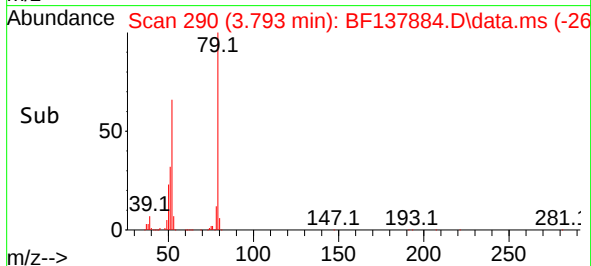
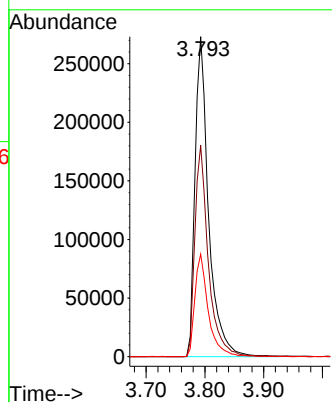
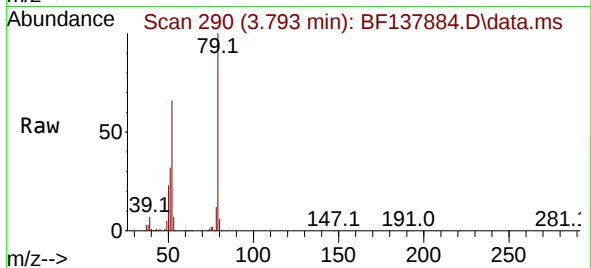
#3
Pyridine
Concen: 40.517 ng
RT: 3.793 min Scan# 290
Delta R.T. 0.059 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :
BNA_F
ClientSampleId :
B-02-011MS

Tgt Ion: 79 Resp: 43818
Ion Ratio Lower Upper
79 100
52 66.1 55.5 83.3
51 32.1 26.9 40.3

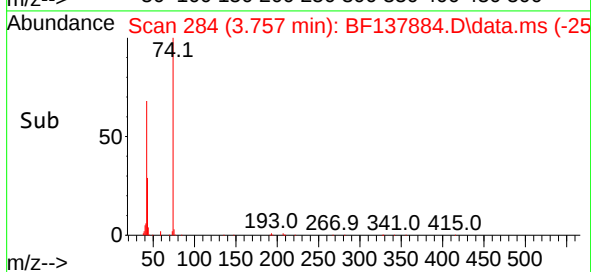
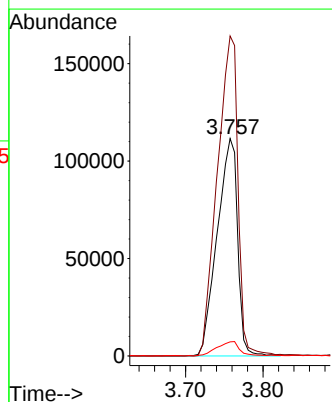
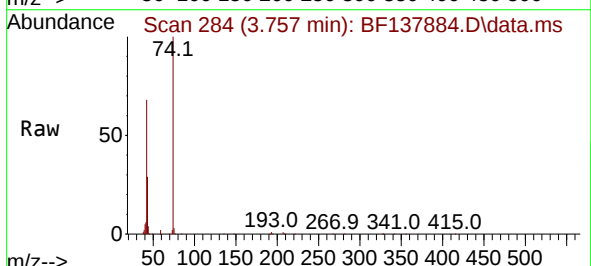
Manual Integrations
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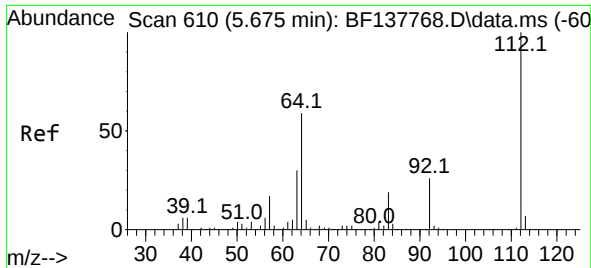
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#4
n-Nitrosodimethylamine
Concen: 41.940 ng
RT: 3.757 min Scan# 284
Delta R.T. 0.059 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion: 42 Resp: 204252
Ion Ratio Lower Upper
42 100
74 147.1 112.9 169.3
44 6.5 5.6 8.4





#5
2-Fluorophenol
Concen: 93.286 ng
RT: 5.681 min Scan# 610
Delta R.T. 0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

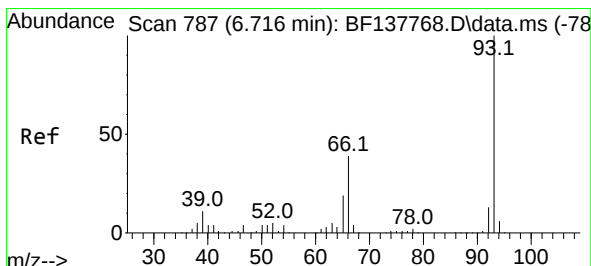
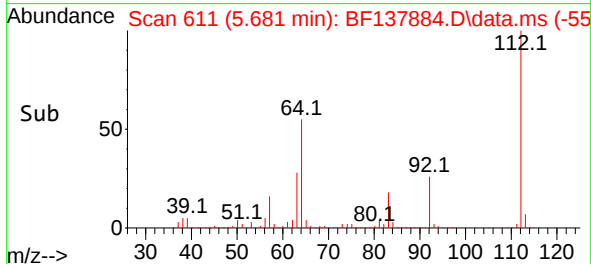
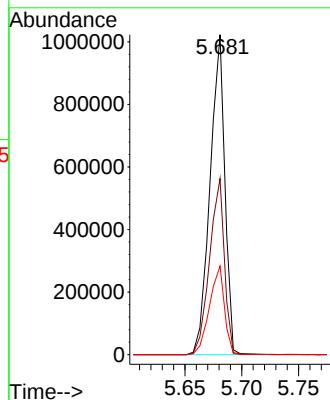
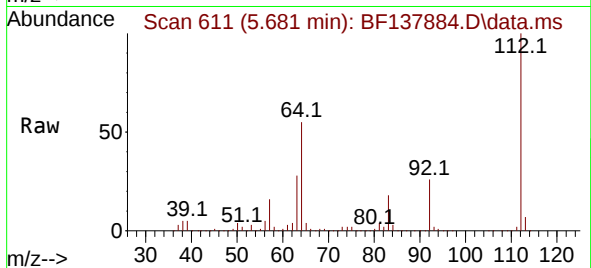
Tgt Ion:112 Resp: 925702
Ion Ratio Lower Upper
112 100
64 55.1 47.3 70.9
63 27.7 23.7 35.5

Manual Integrations

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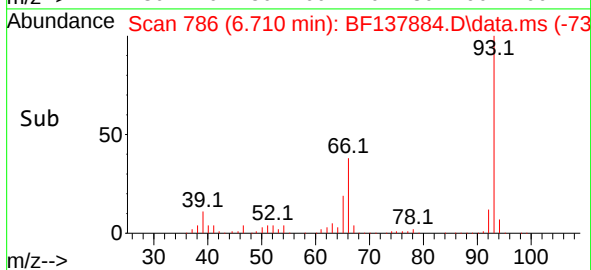
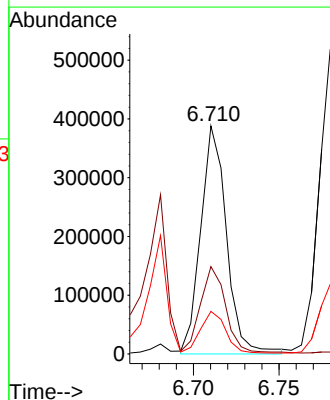
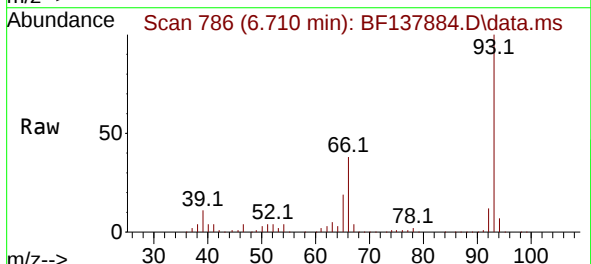
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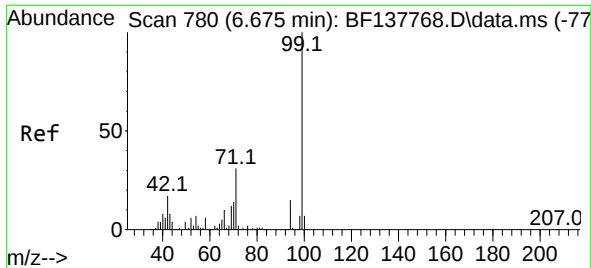
Supervised By :mohammad ahmed 05/13/2024



#6
Aniline
Concen: 32.645 ng m
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

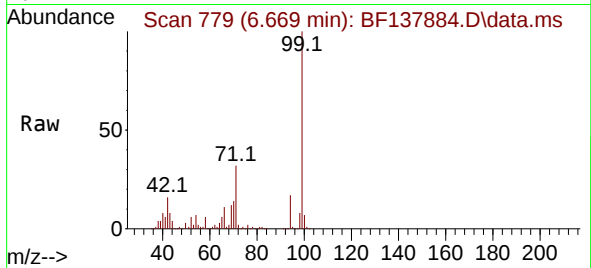
Tgt Ion: 93 Resp: 407256
Ion Ratio Lower Upper
93 100
66 38.3 31.8 47.6
65 18.6 15.4 23.2





#7
Phenol-d6
Concen: 94.261 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

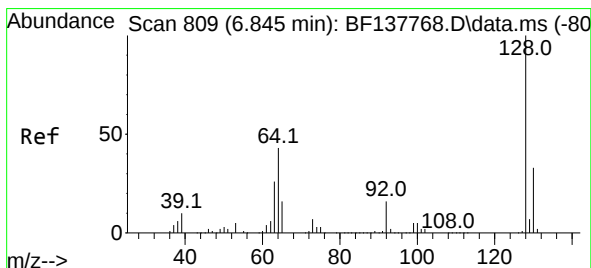
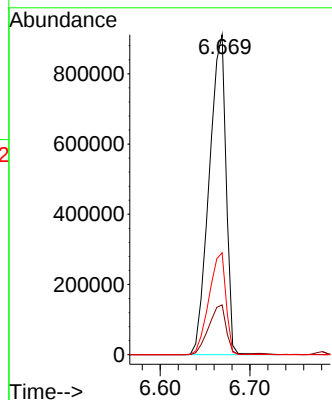
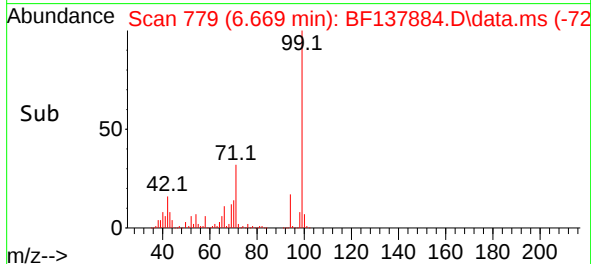
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ClientSampleId :
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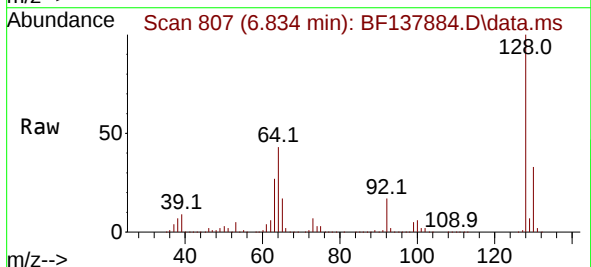
Tgt Ion: 99 Resp: 118644
Ion Ratio Lower Upper
99 100
42 15.5 13.2 19.8
71 31.9 25.0 37.4

Manual Integrations
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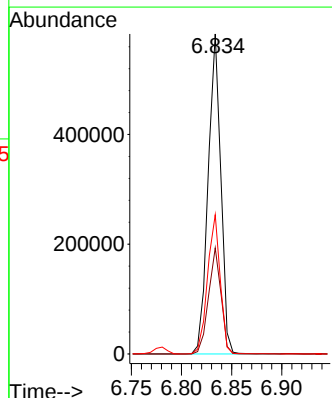
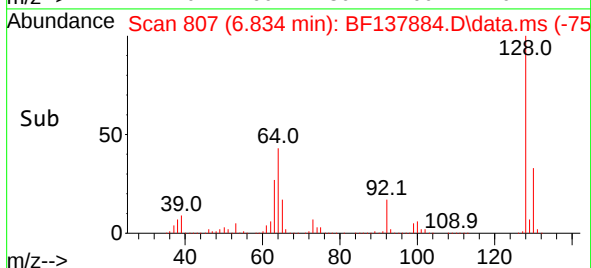
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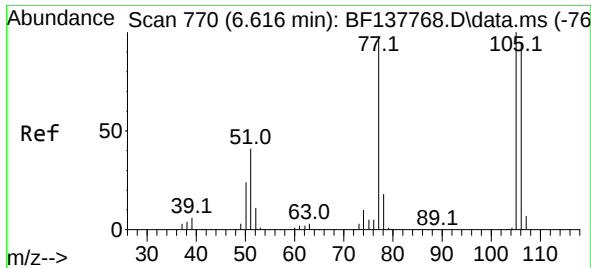


#8
2-Chlorophenol
Concen: 47.394 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:128 Resp: 512531
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 43.5 23.9 63.9





#9

Benzaldehyde

Concen: 22.045 ng

RT: 6.598 min Scan# 770

Delta R.T. -0.018 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

Tgt Ion: 77 Resp: 149429

Ion Ratio Lower Upper

77 100

105 100.4 83.2 123.2

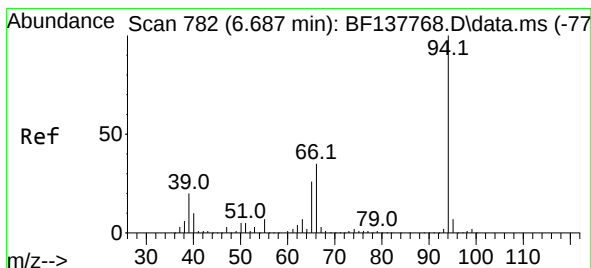
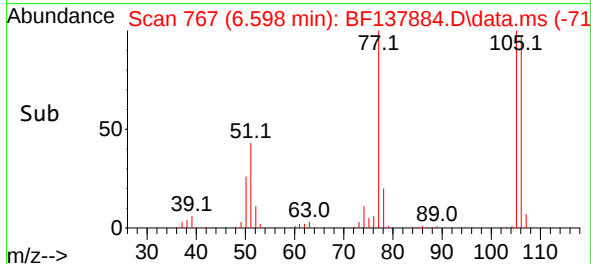
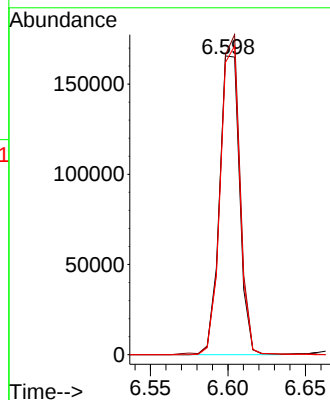
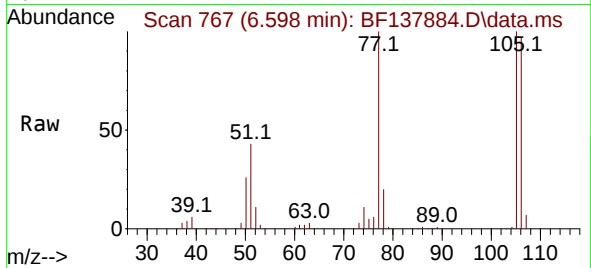
106 97.8 77.7 117.7

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#10

Phenol

Concen: 45.316 ng

RT: 6.681 min Scan# 781

Delta R.T. -0.006 min

Lab File: BF137884.D

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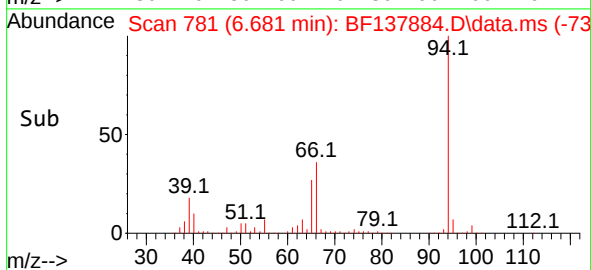
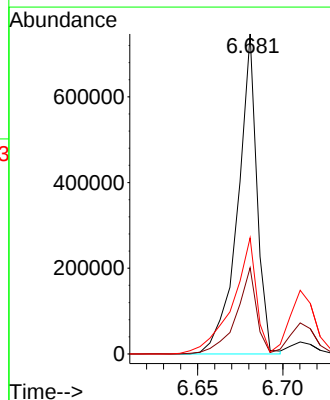
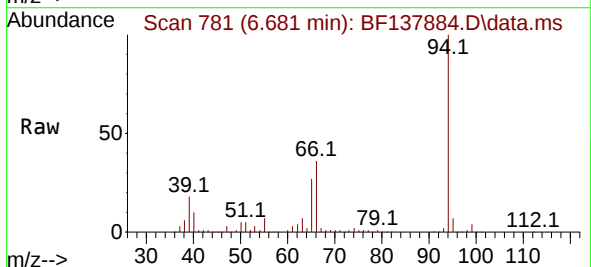
Tgt Ion: 94 Resp: 584448

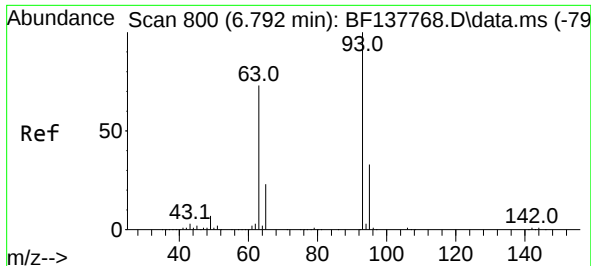
Ion Ratio Lower Upper

94 100

65 27.0 6.4 46.4

66 36.3 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 44.353 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

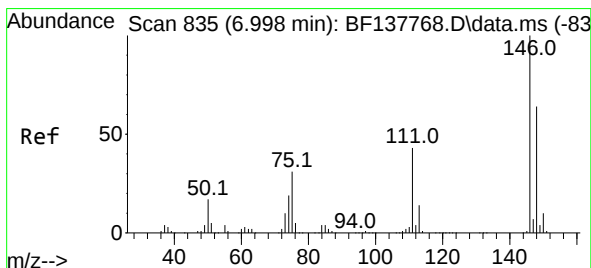
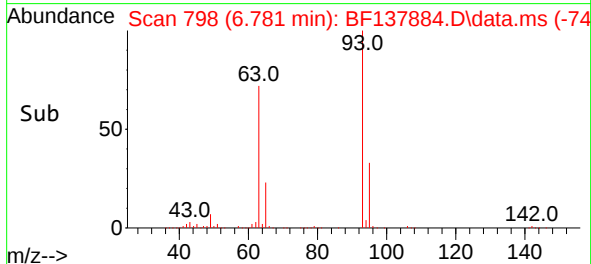
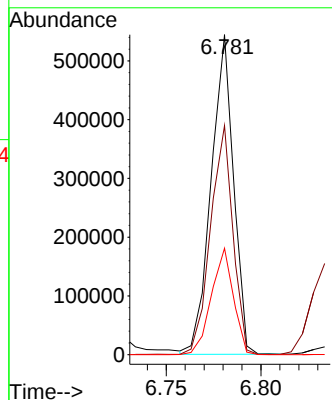
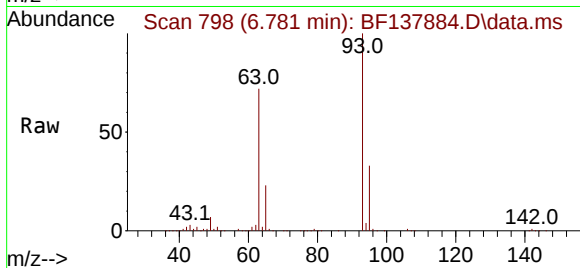
ClientSampleId :

B-02-011MS

Tgt Ion: 93 Resp: 447908
Ion Ratio Lower Upper
93 100
63 71.6 51.6 91.6
95 33.3 12.1 52.1

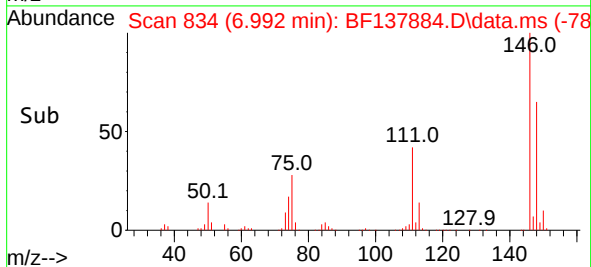
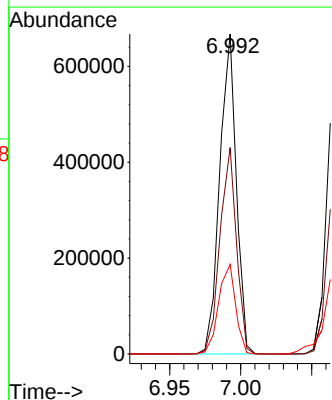
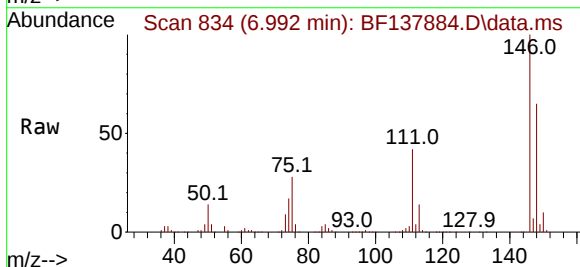
Manual Integrations
APPROVED

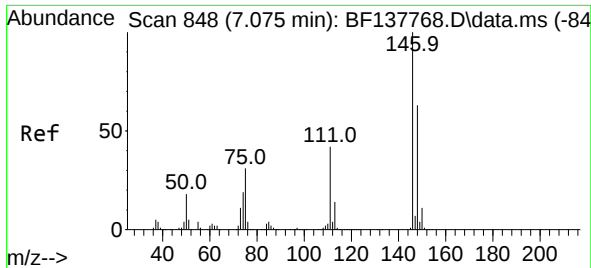
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#12
1,3-Dichlorobenzene
Concen: 44.342 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:146 Resp: 540750
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 28.0 25.1 37.7





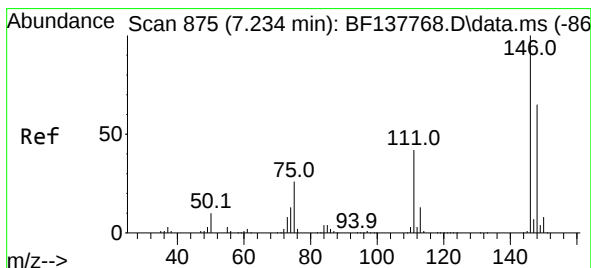
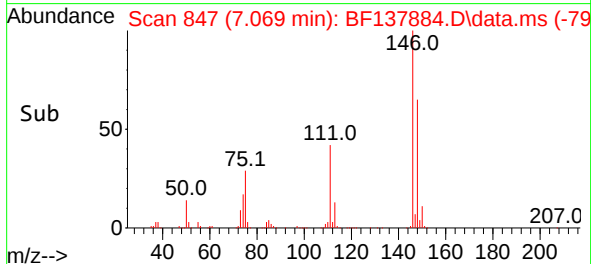
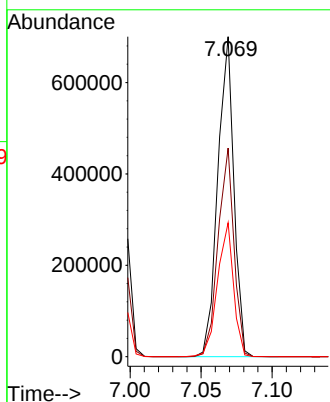
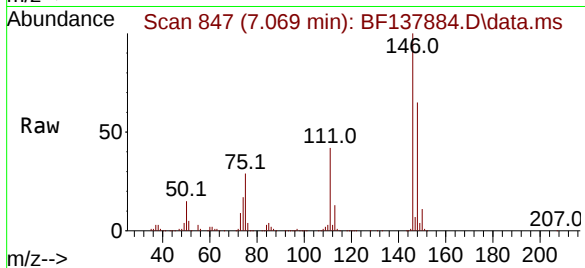
#13
1,4-Dichlorobenzene
Concen: 45.020 ng
RT: 7.069 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :
BNA_F
ClientSampleId :
B-02-011MS

Tgt Ion:146 Resp: 55088
Ion Ratio Lower Upper
146 100
148 65.2 50.7 76.1
111 41.9 33.8 50.8

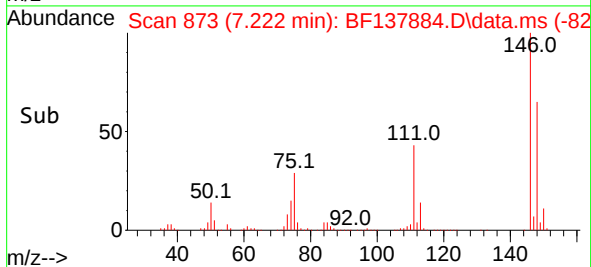
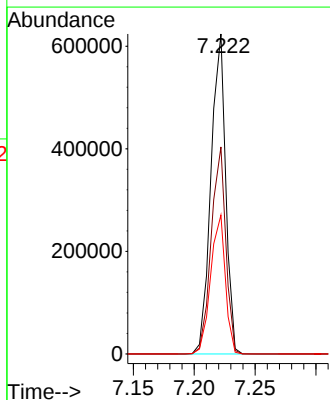
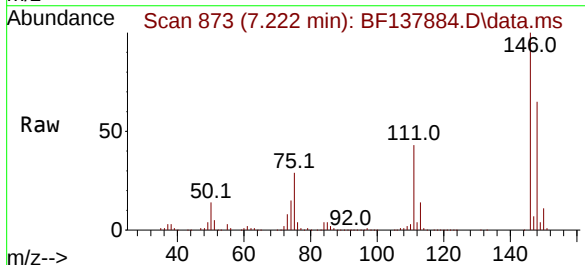
Manual Integrations
APPROVED

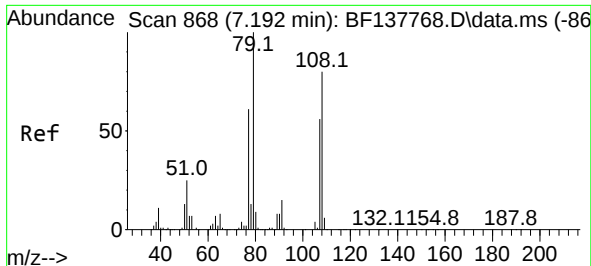
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#14
1,2-Dichlorobenzene
Concen: 45.403 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:146 Resp: 523281
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 43.4 33.6 50.4





#15
Benzyl Alcohol
Concen: 46.354 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

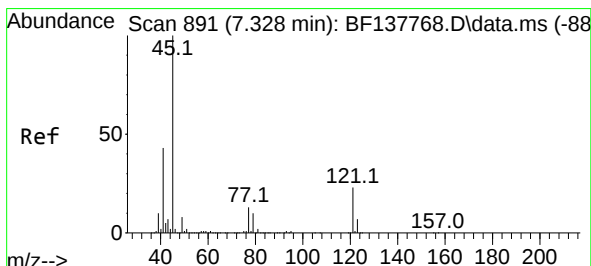
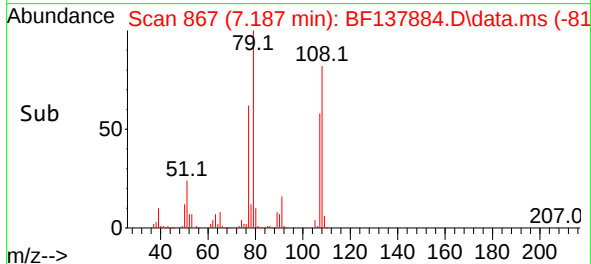
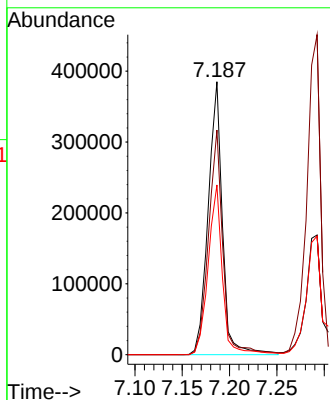
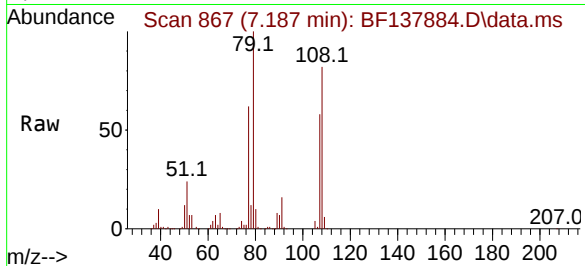
ClientSampleId :

B-02-011MS

Tgt Ion: 79 Resp: 40348
Ion Ratio Lower Upper
79 100
108 82.3 64.2 96.2
77 62.2 48.5 72.7

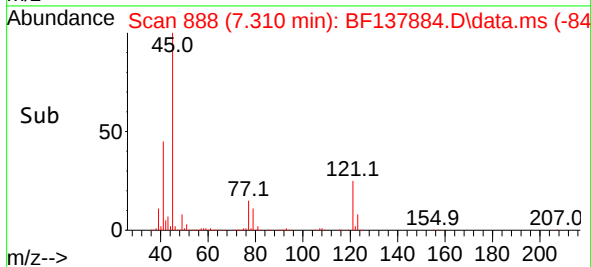
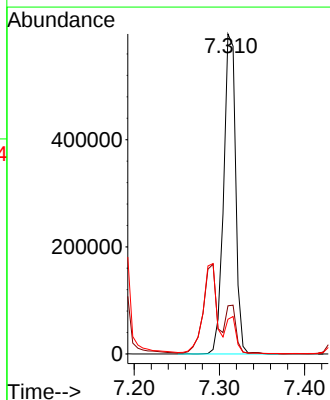
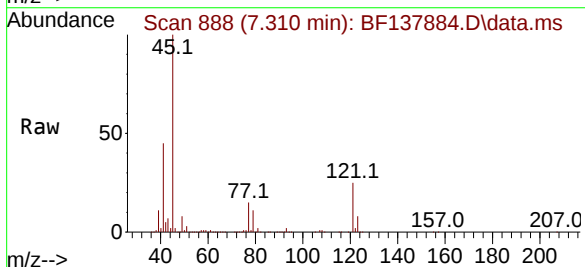
Manual Integrations
APPROVED

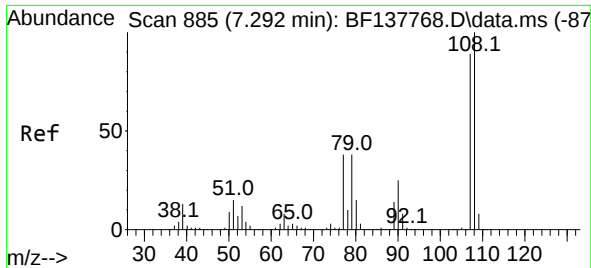
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.253 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion: 45 Resp: 585572
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.8
79 10.8 0.0 31.0





#17
2-Methylphenol
Concen: 47.047 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

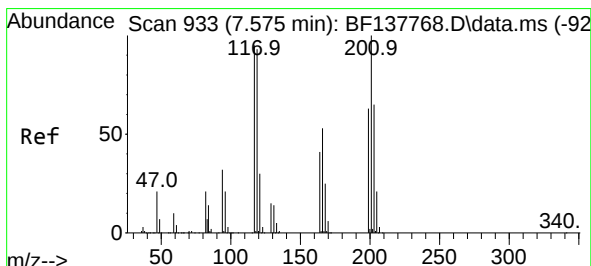
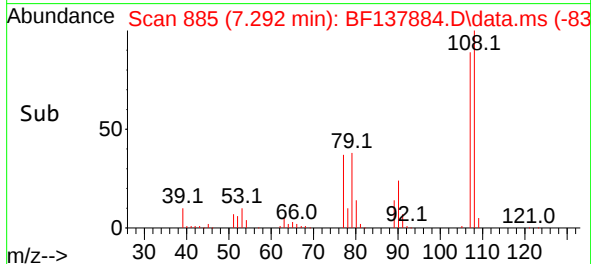
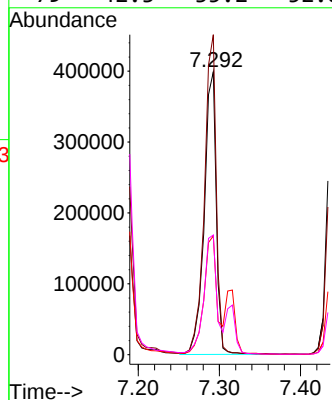
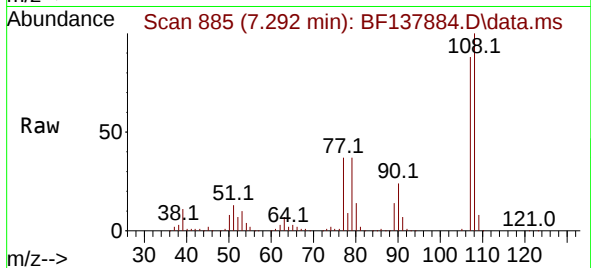
B-02-011MS

Tgt Ion:107 Resp: 410538
Ion Ratio Lower Upper
107 100
108 113.1 90.5 135.7
77 42.0 34.5 51.7
79 42.3 35.2 52.8

Manual Integrations

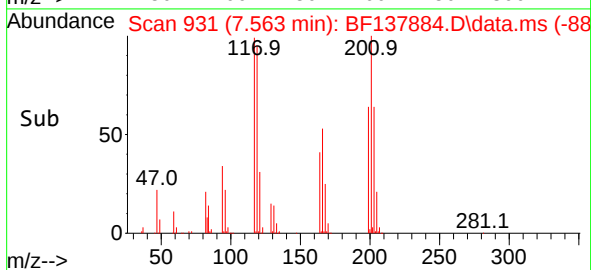
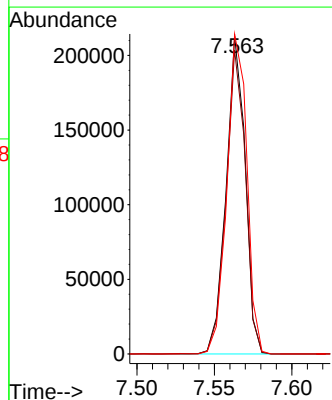
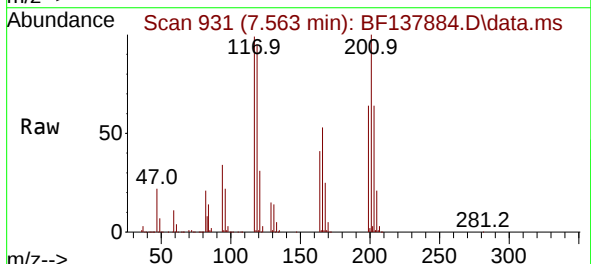
APPROVED

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



#18
Hexachloroethane
Concen: 44.220 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:117 Resp: 182926
Ion Ratio Lower Upper
117 100
119 95.6 77.6 116.4
201 100.6 83.8 125.8





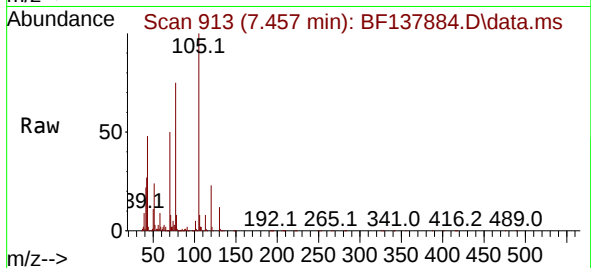
#19
n-Nitroso-di-n-propylamine
Concen: 42.785 ng
RT: 7.457 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



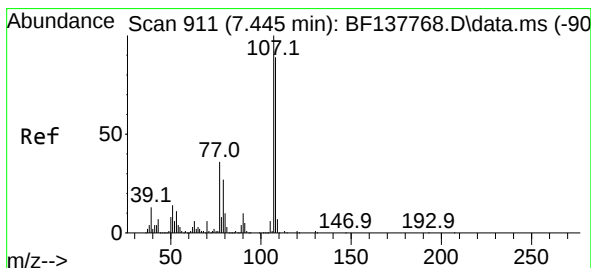
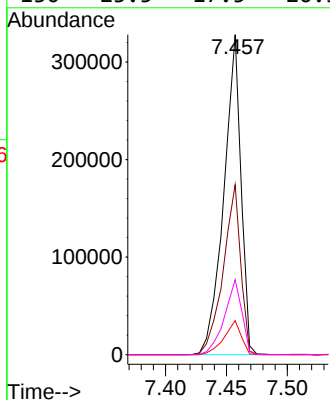
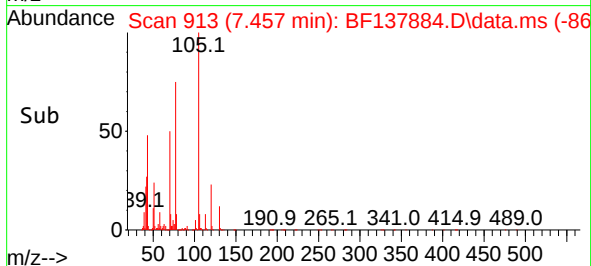
Tgt Ion: 70 Resp: 321830
Ion Ratio Lower Upper
70 100
42 53.1 44.6 66.8
101 10.7 7.8 11.6
130 23.5 17.5 26.3

Manual Integrations

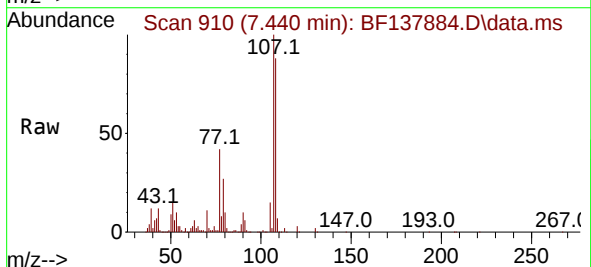
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

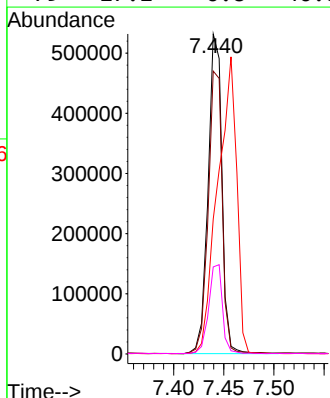
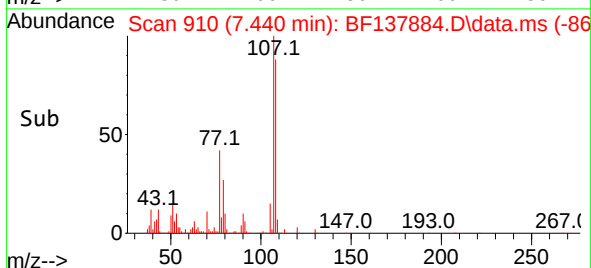
Supervised By :mohammad ahmed 05/13/2024

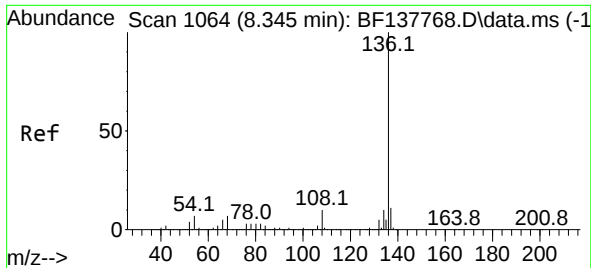


#20
3+4-Methylphenols
Concen: 44.607 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:107 Resp: 512106
Ion Ratio Lower Upper
107 100
108 88.4 69.3 109.3
77 42.1 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: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

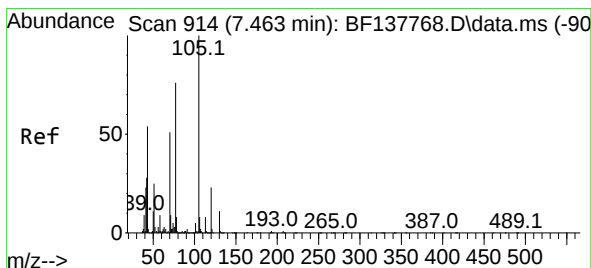
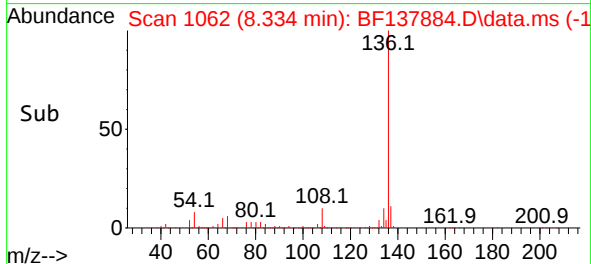
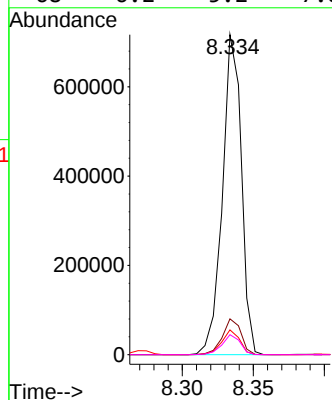
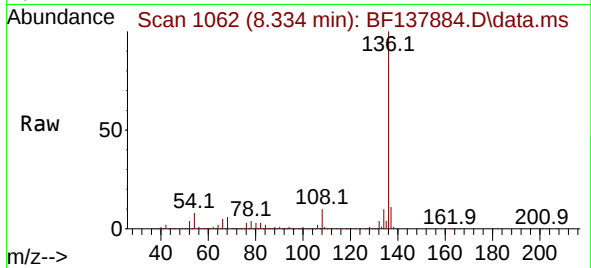
Tgt Ion:136 Resp: 66413
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.8 5.8 8.8
68 6.2 5.2 7.8

Manual Integrations

APPROVED

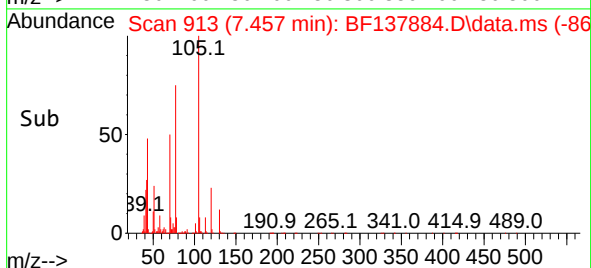
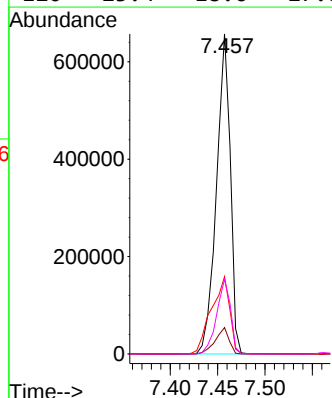
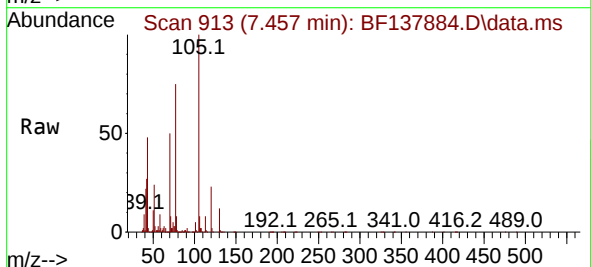
Reviewed By :Yogesh Patel 05/13/2024

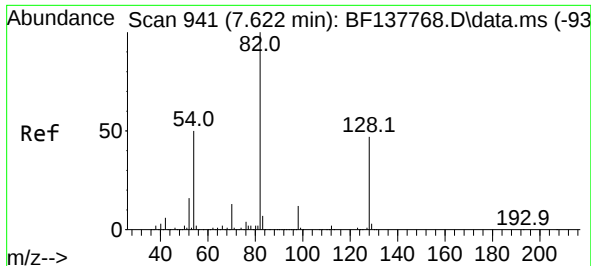
Supervised By :mohammad ahmed 05/13/2024



#22
Acetophenone
Concen: 44.837 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

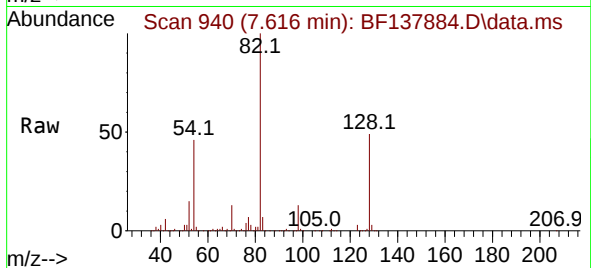
Tgt Ion:105 Resp: 669706
Ion Ratio Lower Upper
105 100
71 8.2 6.9 10.3
51 24.2 20.2 30.2
120 23.4 18.6 27.8





#23
Nitrobenzene-d5
Concen: 61.576 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

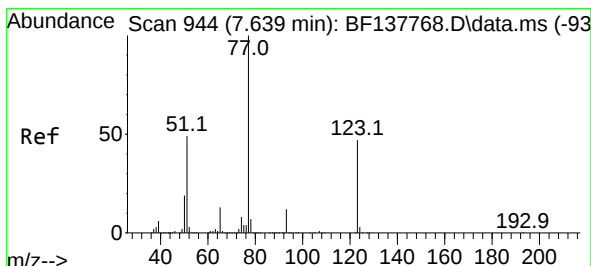
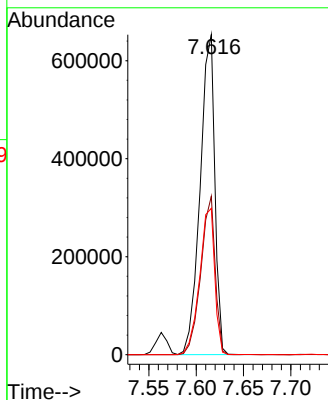
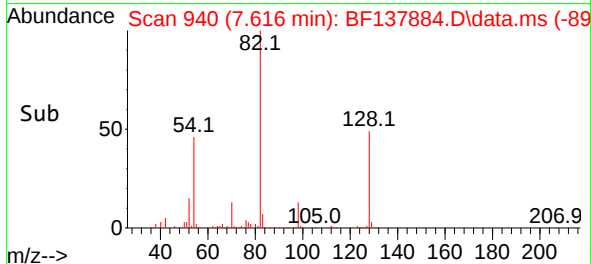
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



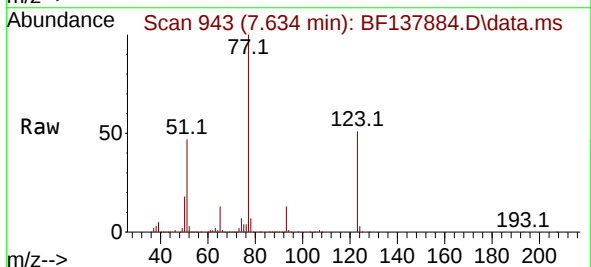
Tgt Ion: 82 Resp: 703884
Ion Ratio Lower Upper
82 100
128 49.5 37.5 56.3
54 45.7 39.8 59.6

Manual Integrations
APPROVED

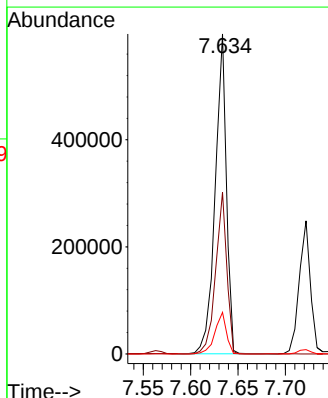
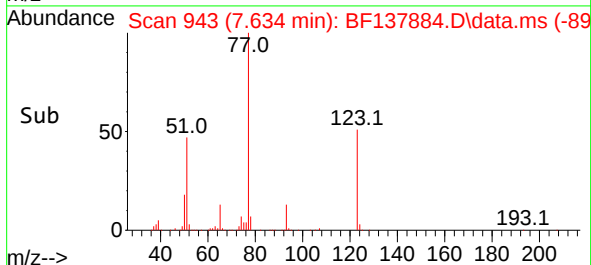
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

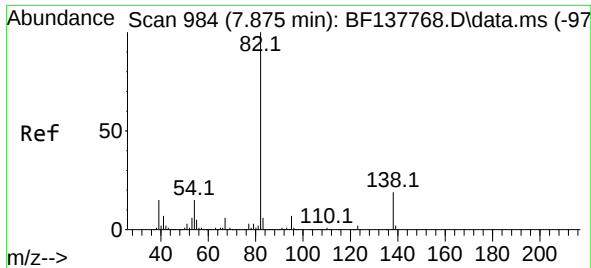


#24
Nitrobenzene
Concen: 41.754 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



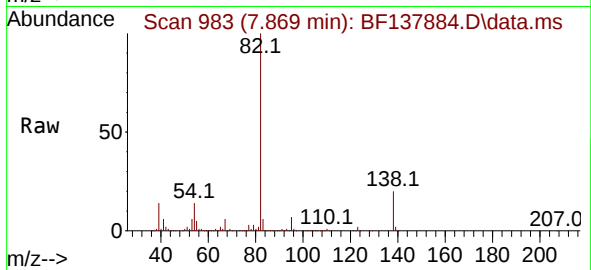
Tgt Ion: 77 Resp: 491923
Ion Ratio Lower Upper
77 100
123 50.6 37.4 56.2
65 13.0 10.7 16.1





#25
Isophorone
Concen: 43.926 ng
RT: 7.869 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

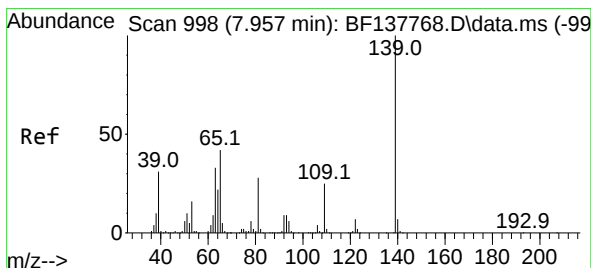
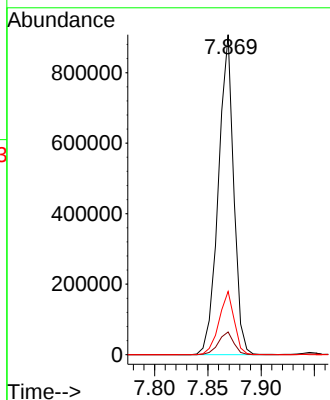
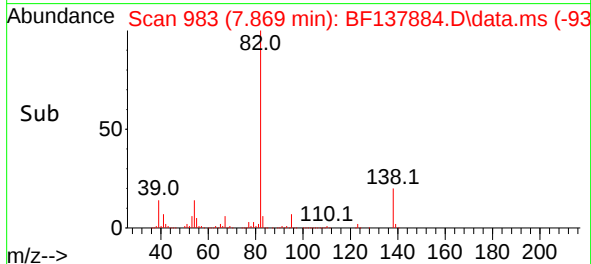
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



Tgt Ion: 82 Resp: 90533
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 19.7 15.0 22.6

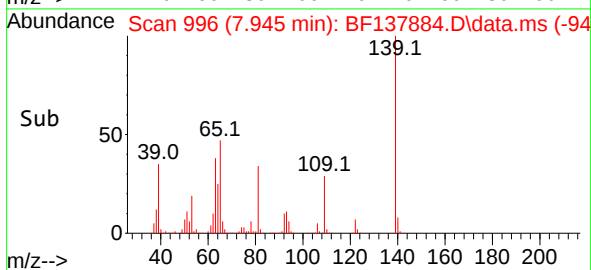
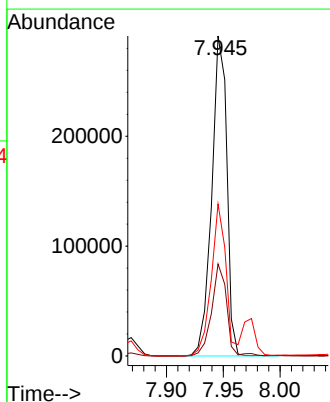
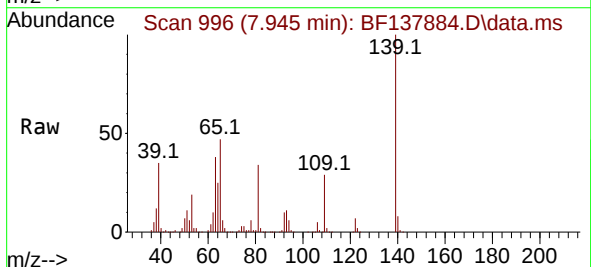
Manual Integrations
APPROVED

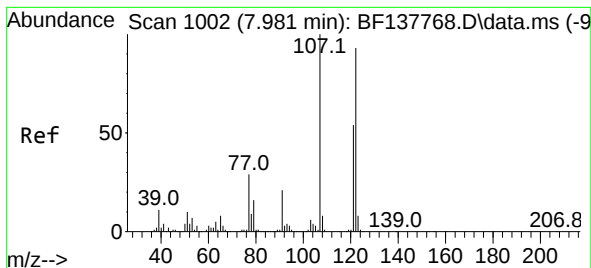
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#26
2-Nitrophenol
Concen: 50.653 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:139 Resp: 270244
Ion Ratio Lower Upper
139 100
109 28.7 20.2 30.2
65 47.5 33.4 50.0





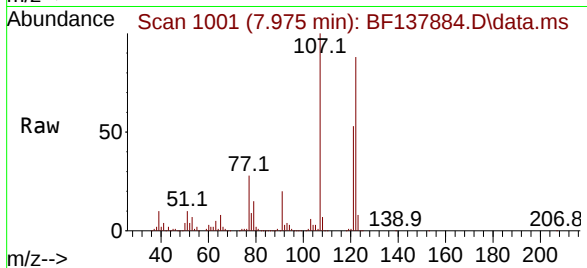
#27
2,4-Dimethylphenol
Concen: 48.234 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



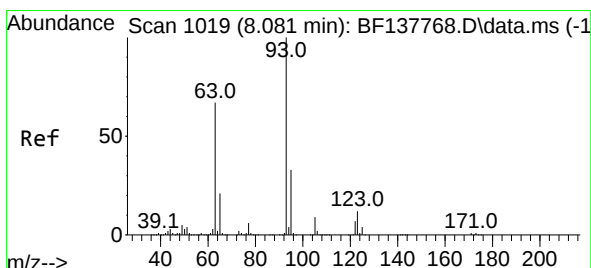
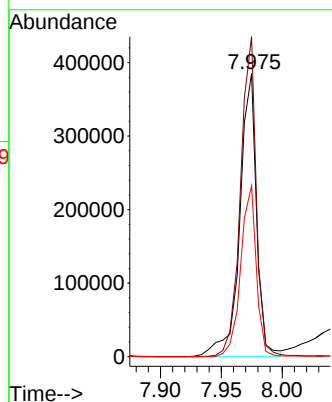
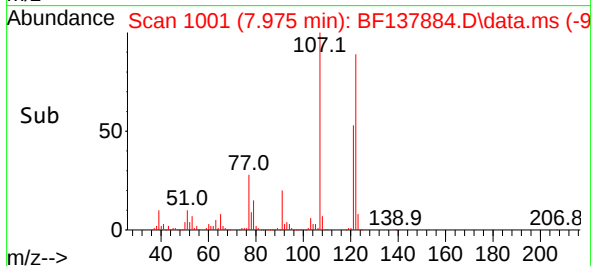
Tgt Ion:122 Resp: 370480
Ion Ratio Lower Upper
122 100
107 113.1 85.8 128.8
121 60.4 46.6 69.8

Manual Integrations

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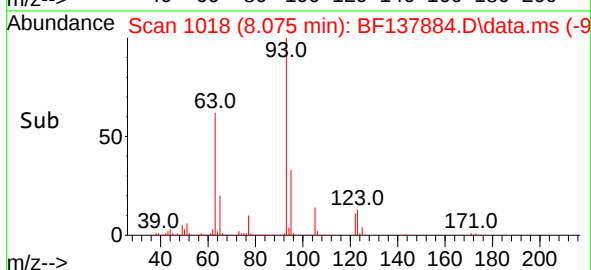
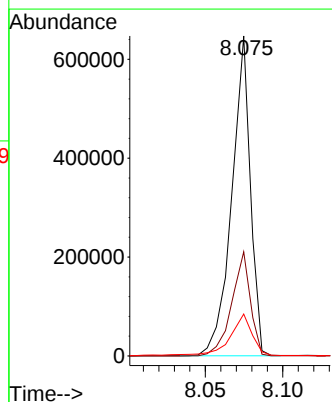
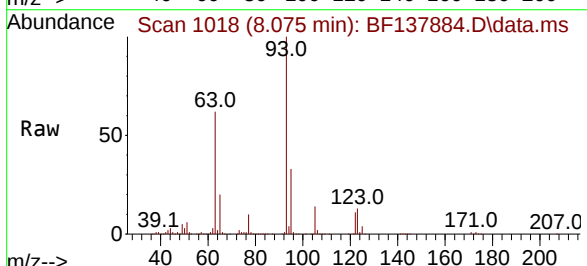
Reviewed By :Yogesh Patel 05/13/2024

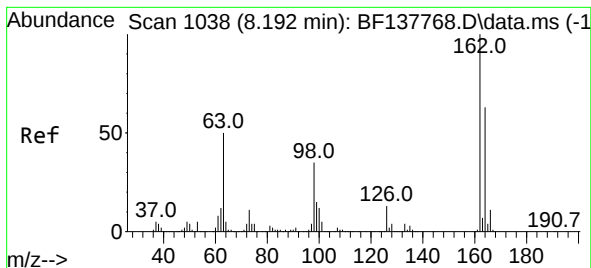
Supervised By :mohammad ahmed 05/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.374 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion: 93 Resp: 541261
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.889 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

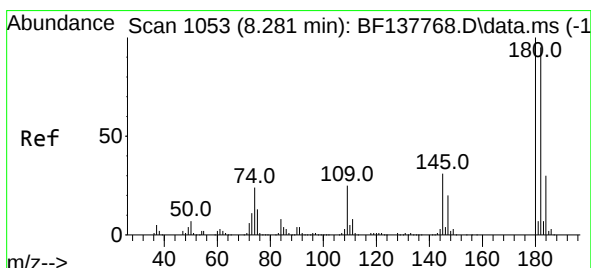
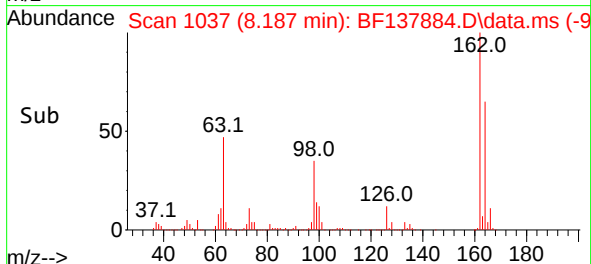
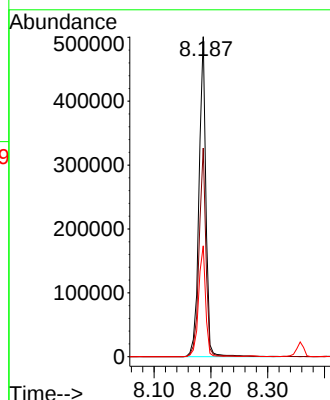
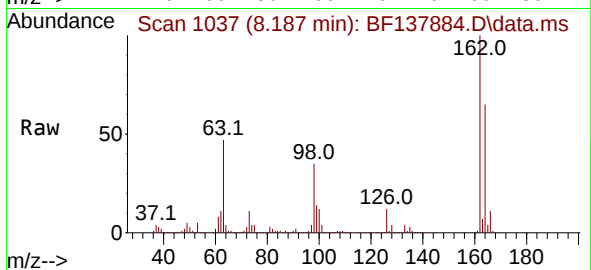
B-02-011MS

Tgt Ion:162 Resp: 426028
 Ion Ratio Lower Upper
 162 100
 164 65.2 43.5 83.5
 98 34.6 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: 45.169 ng

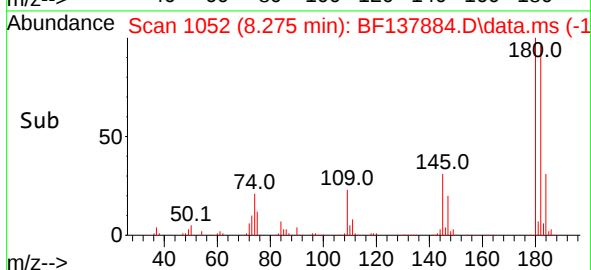
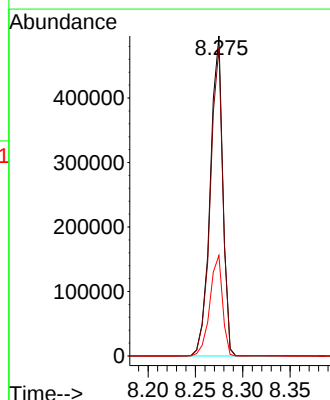
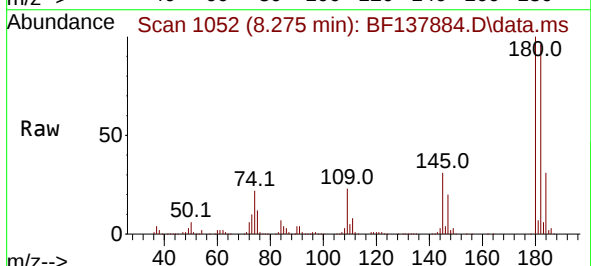
RT: 8.275 min Scan# 1052

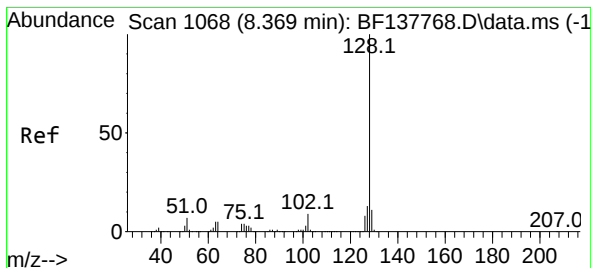
Delta R.T. -0.006 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

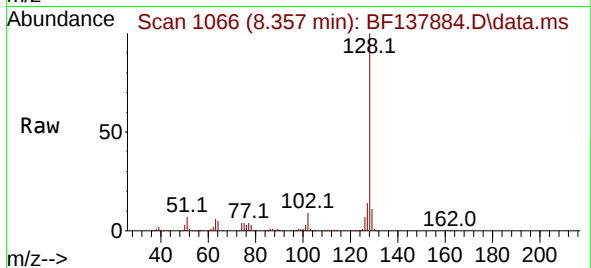
Tgt Ion:180 Resp: 457145
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.2 114.2
 145 31.4 25.1 37.7





#31
Naphthalene
Concen: 44.208 ng
RT: 8.357 min Scan# 1066
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

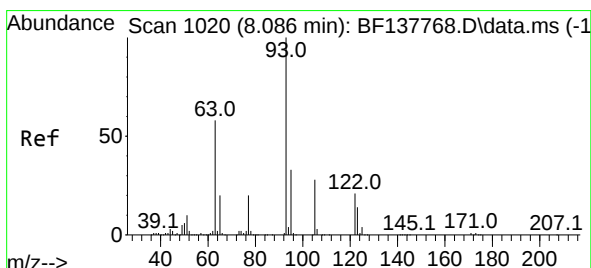
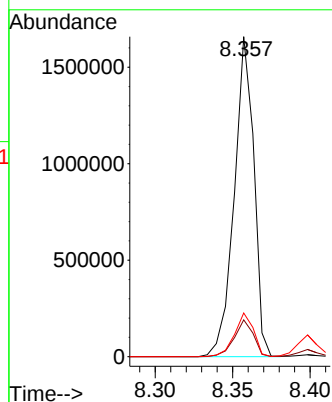
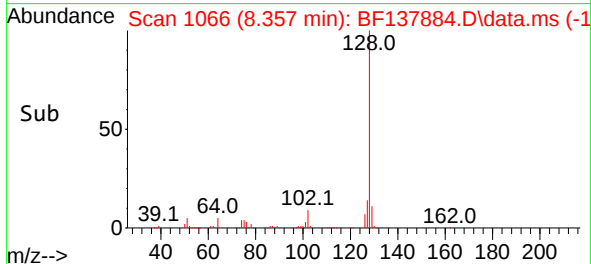
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



Tgt Ion:128 Resp: 1459070
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.6 16.0

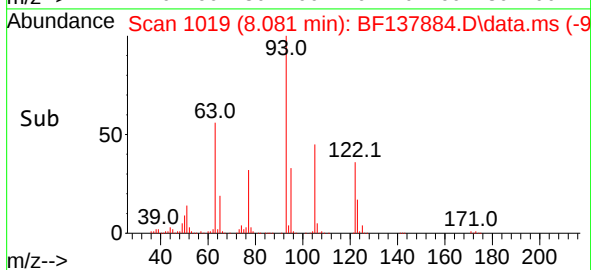
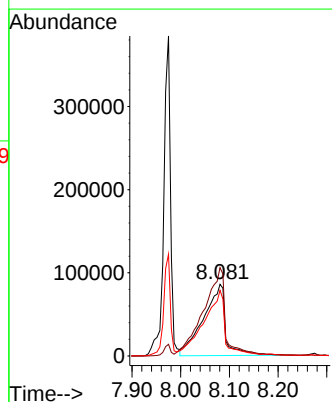
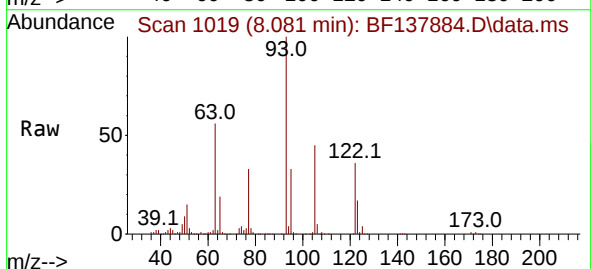
Manual Integrations
APPROVED

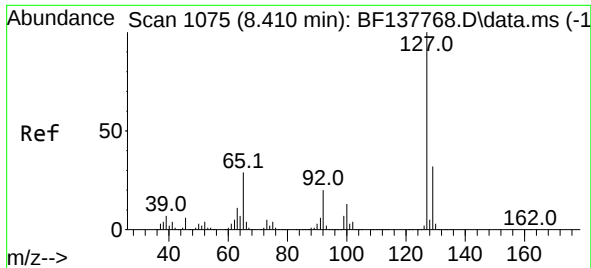
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#32
Benzoic acid
Concen: 40.843 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.005 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:122 Resp: 270636
Ion Ratio Lower Upper
122 100
105 123.1 105.3 145.3
77 91.5 73.2 113.2





#33
4-Chloroaniline
Concen: 9.865 ng
RT: 8.398 min Scan# 1073
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

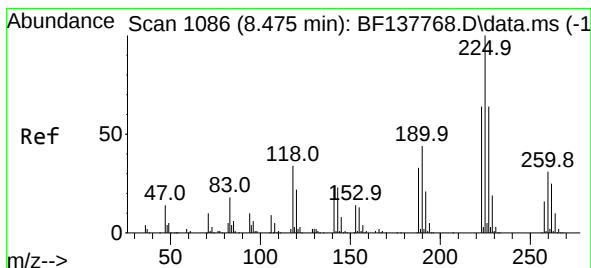
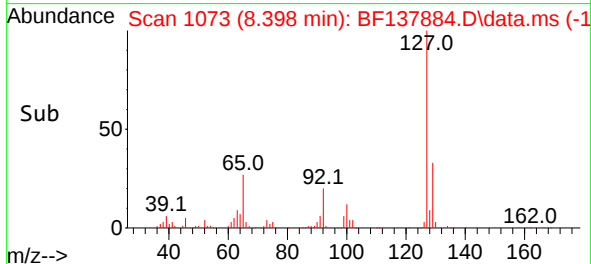
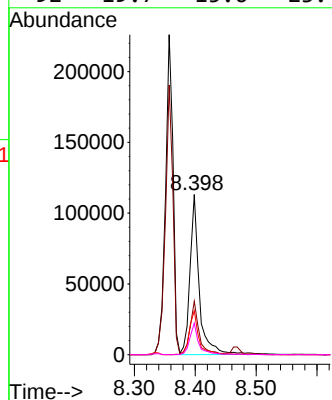
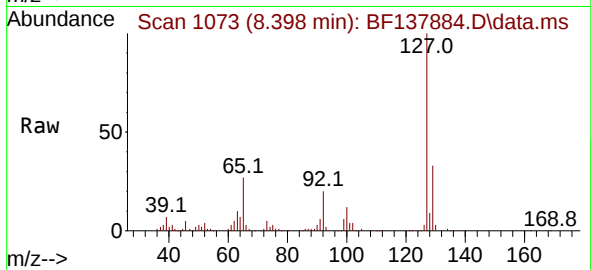
Tgt Ion:127 Resp: 12073
Ion Ratio Lower Upper
127 100
129 33.3 25.7 38.5
65 27.3 23.4 35.2
92 19.7 15.6 23.4

Manual Integrations

APPROVED

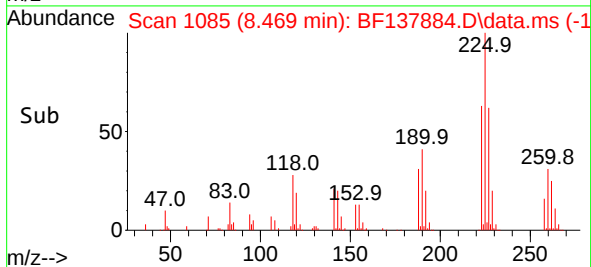
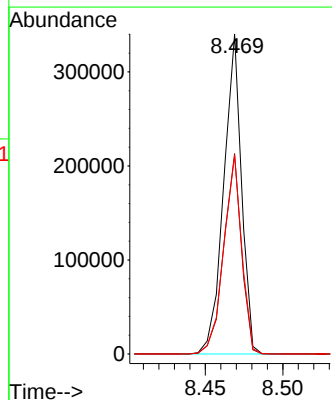
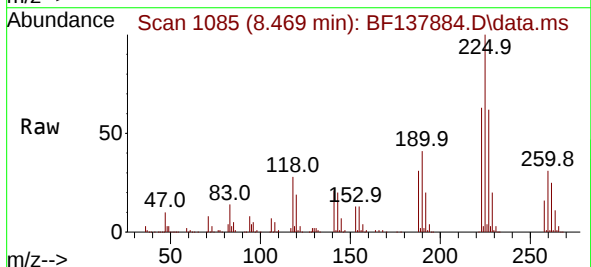
Reviewed By :Yogesh Patel 05/13/2024

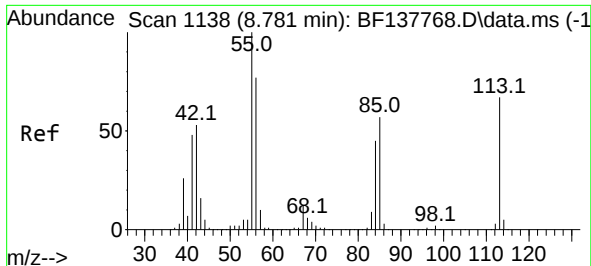
Supervised By :mohammad ahmed 05/13/2024



#34
Hexachlorobutadiene
Concen: 43.724 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:225 Resp: 271686
Ion Ratio Lower Upper
225 100
223 62.6 51.1 76.7
227 62.0 51.4 77.0





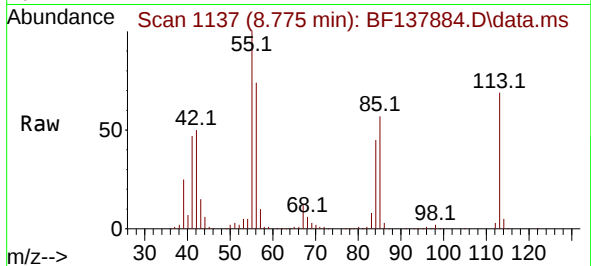
#35
Caprolactam
Concen: 44.901 ng m
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



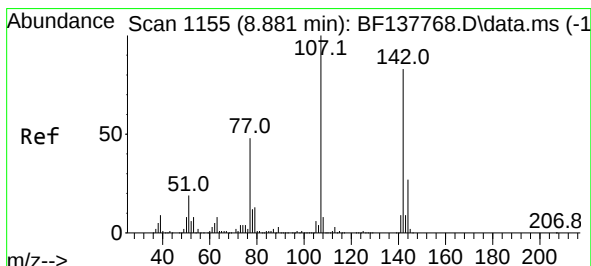
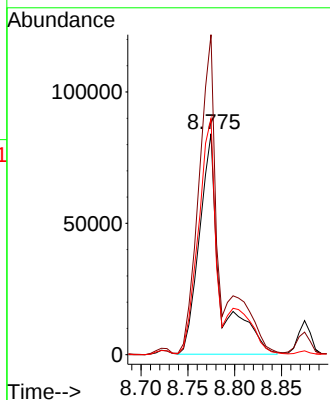
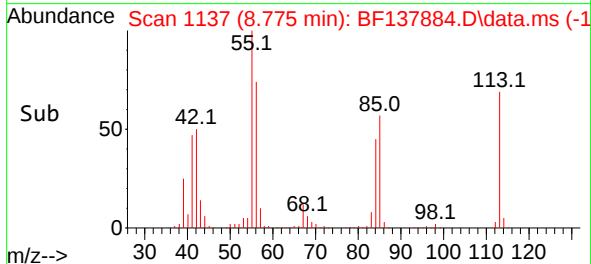
Tgt Ion:113 Resp: 132078
Ion Ratio Lower Upper
113 100
55 144.8 128.7 168.7
56 106.9 93.9 133.9

Manual Integrations

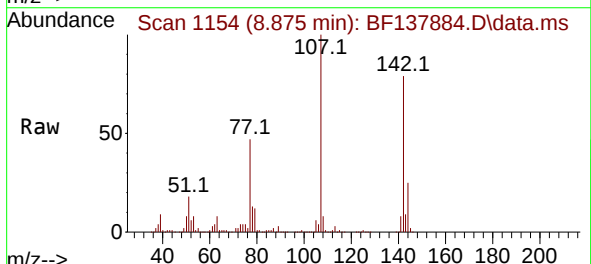
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

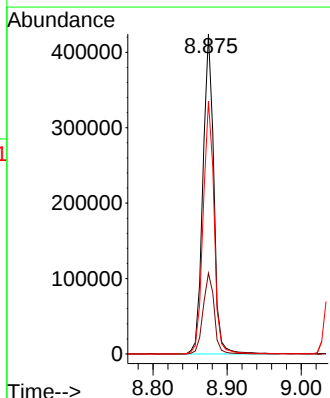
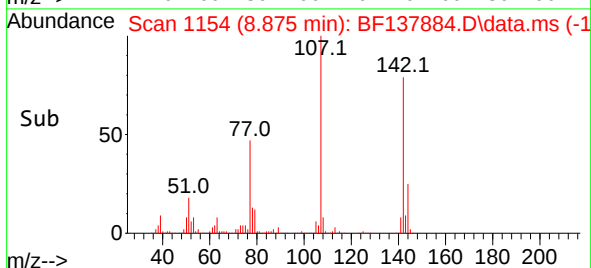
Supervised By :mohammad ahmed 05/13/2024

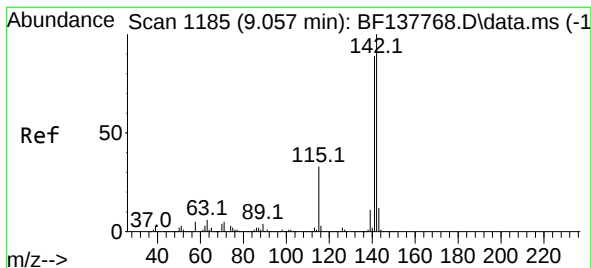


#36
4-Chloro-3-methylphenol
Concen: 44.774 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:107 Resp: 433483
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.0
142 79.0 66.2 99.2





#37
2-Methylnaphthalene
Concen: 44.235 ng
RT: 9.051 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

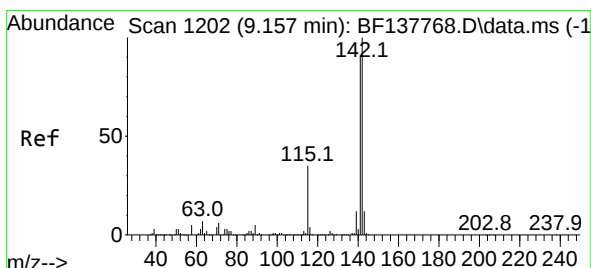
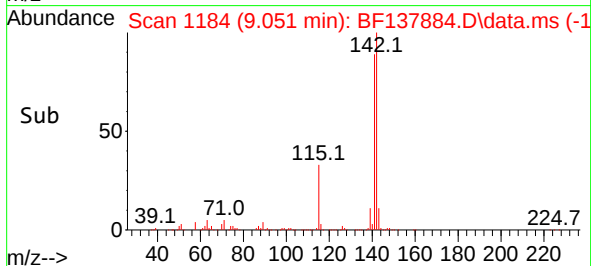
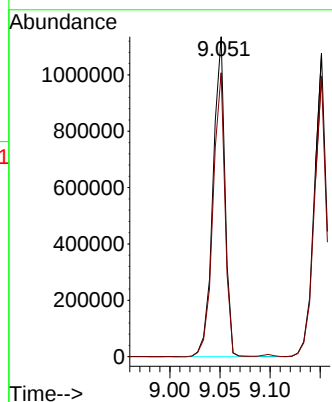
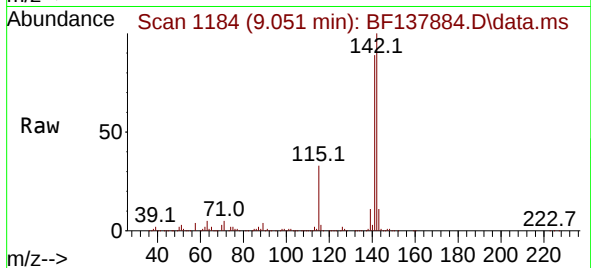
B-02-011MS

Tgt Ion:142 Resp: 945030
Ion Ratio Lower Upper
142 100
141 88.8 70.8 106.2

Manual Integrations

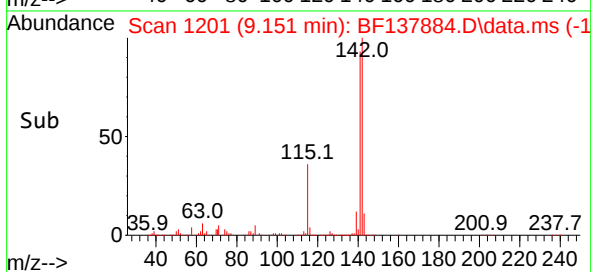
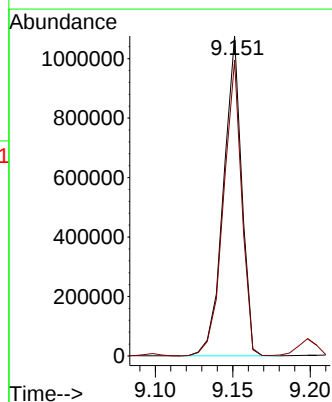
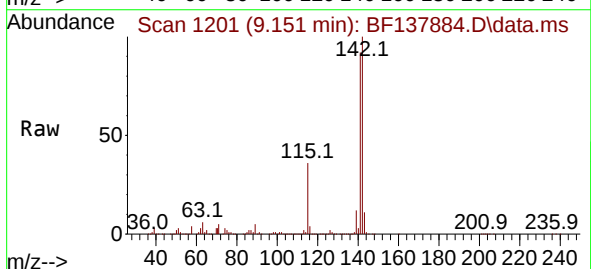
APPROVED

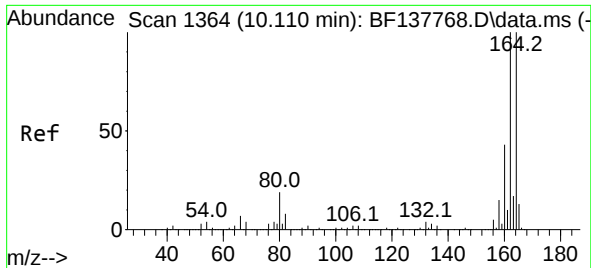
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#38
1-Methylnaphthalene
Concen: 41.831 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:142 Resp: 879220
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7





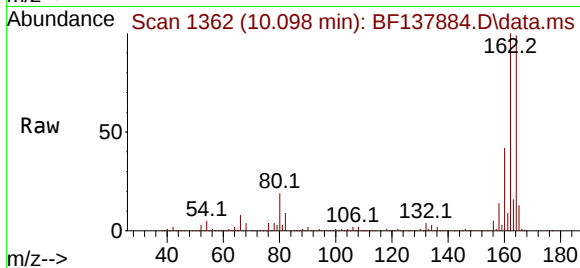
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



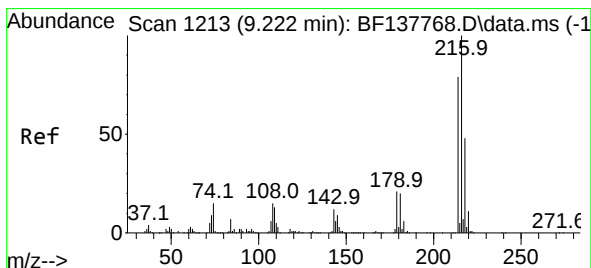
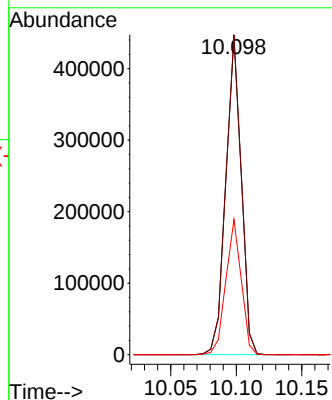
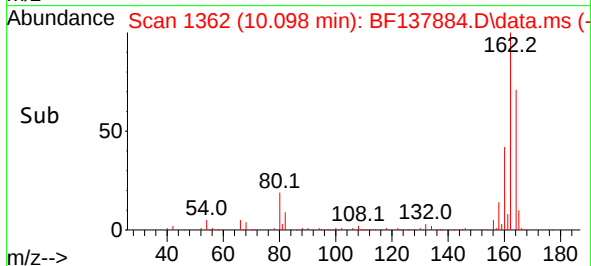
Tgt Ion:164 Resp: 364310
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.6
160 42.5 34.4 51.6

Manual Integrations

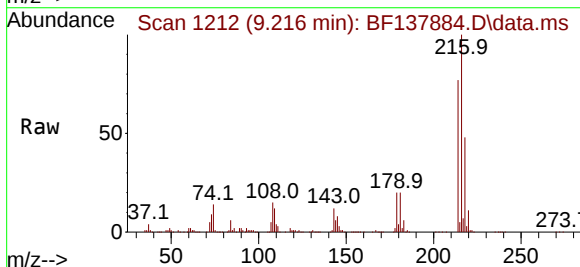
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

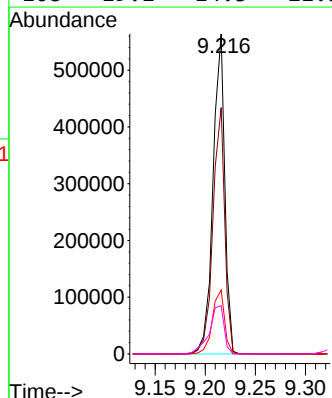
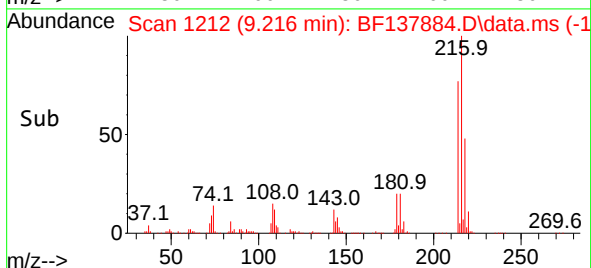
Supervised By :mohammad ahmed 05/13/2024

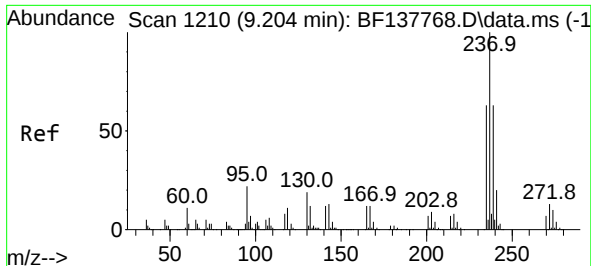


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.703 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



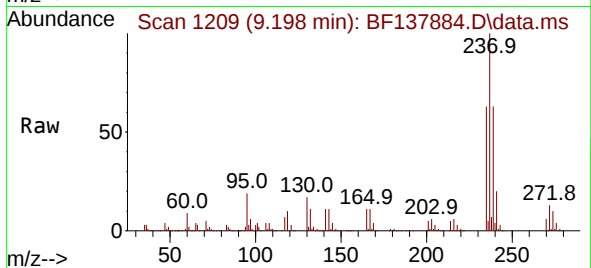
Tgt Ion:216 Resp: 460284
Ion Ratio Lower Upper
216 100
214 77.4 63.3 94.9
179 20.7 16.8 25.2
108 19.1 14.3 21.5





#41
Hexachlorocyclopentadiene
Concen: 114.787 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

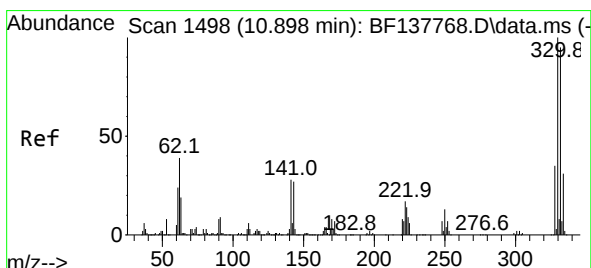
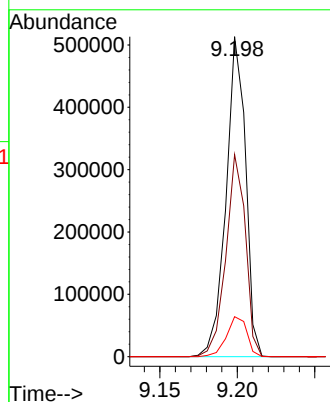
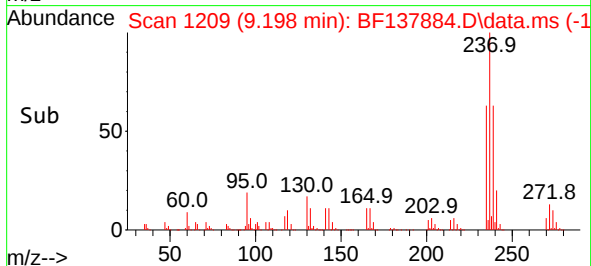
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



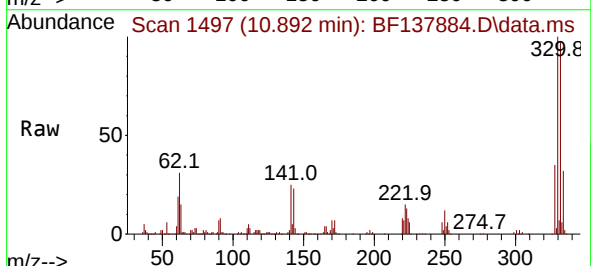
Tgt Ion:237 Resp: 449869
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 12.5 0.0 32.8

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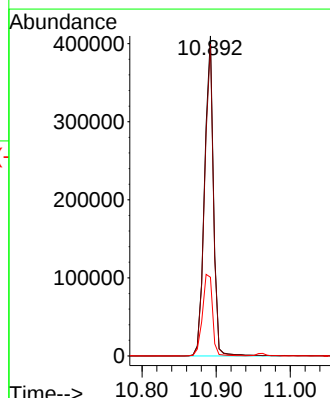
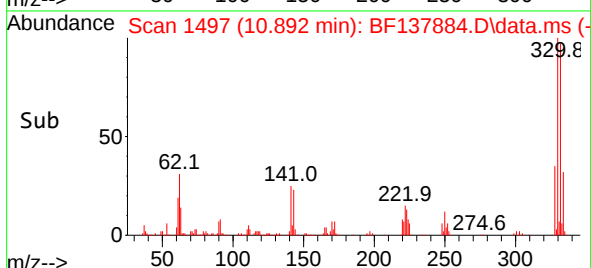
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

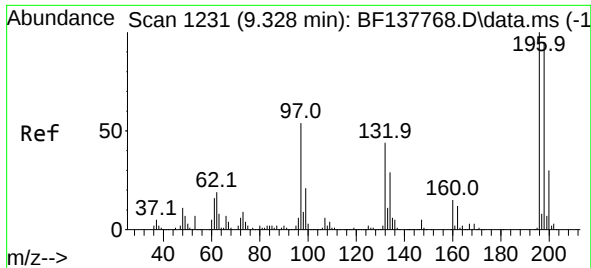


#42
2,4,6-Tribromophenol
Concen: 91.866 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:330 Resp: 341713
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 28.9 23.8 35.6





#43
2,4,6-Trichlorophenol
Concen: 46.190 ng
RT: 9.322 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

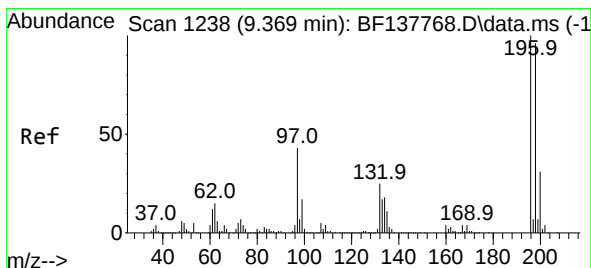
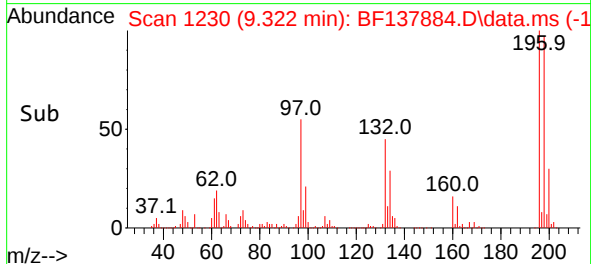
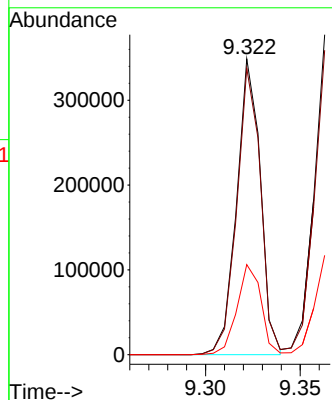
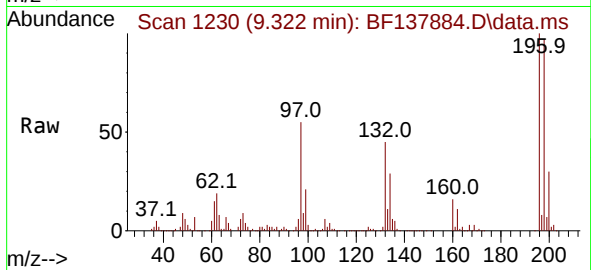
B-02-011MS

Tgt Ion:196 Resp: 30338
Ion Ratio Lower Upper
196 100
198 96.8 76.2 114.4
200 30.5 24.2 36.2

Manual Integrations

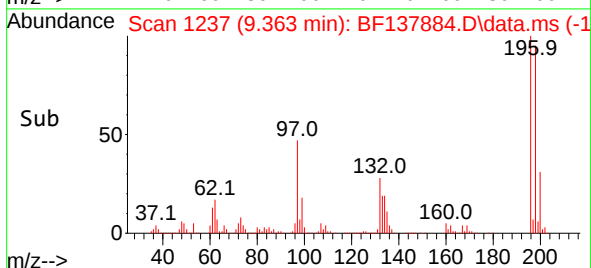
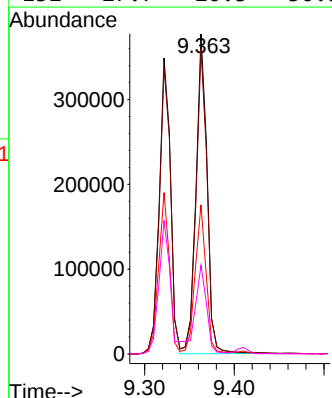
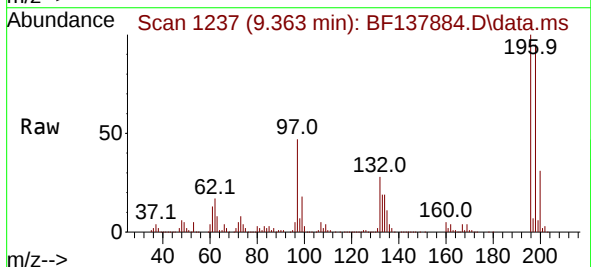
APPROVED

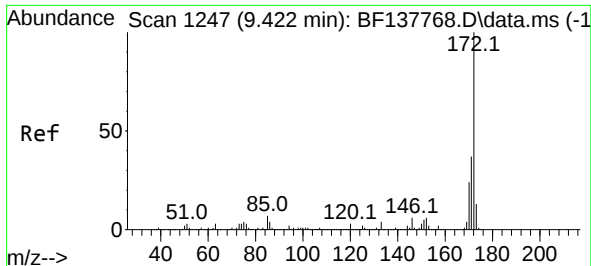
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#44
2,4,5-Trichlorophenol
Concen: 44.951 ng
RT: 9.363 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

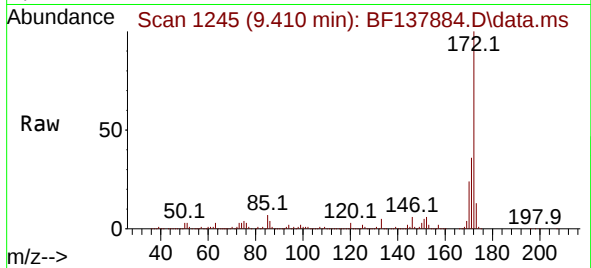
Tgt Ion:196 Resp: 326001
Ion Ratio Lower Upper
196 100
198 95.2 76.6 114.8
97 46.6 34.5 51.7
132 27.7 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 65.581 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

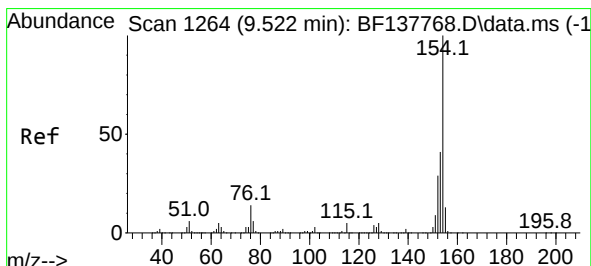
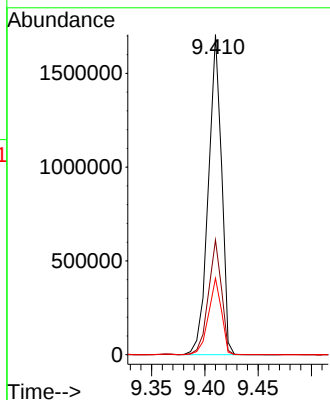
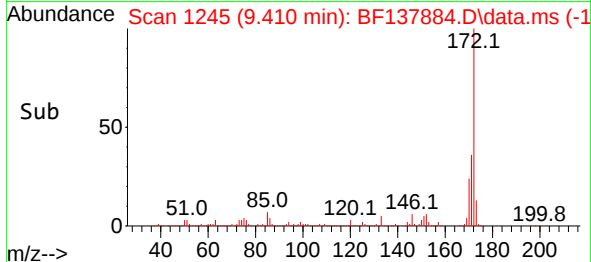
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



Tgt Ion:172 Resp: 147266
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.9 19.4 29.2

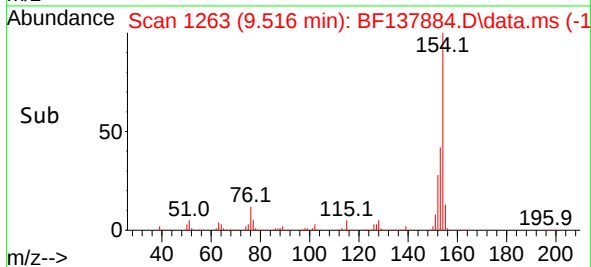
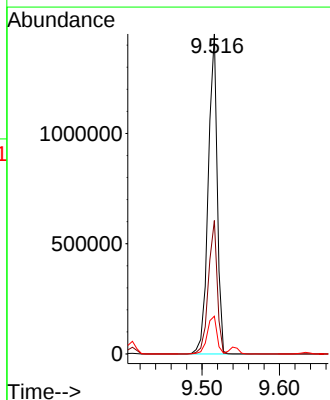
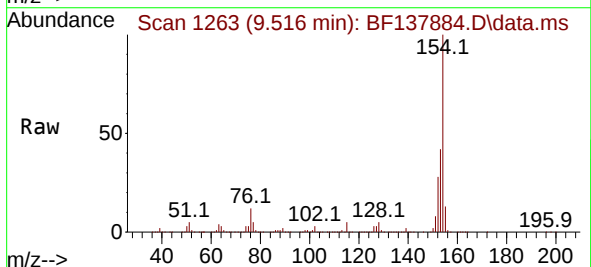
Manual Integrations
APPROVED

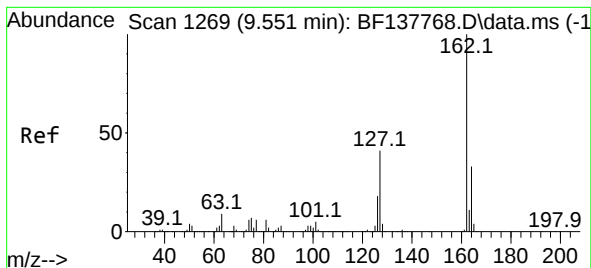
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#46
1,1'-Biphenyl
Concen: 46.586 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:154 Resp: 1164746
Ion Ratio Lower Upper
154 100
153 41.7 21.4 61.4
76 11.8 0.0 33.5





#47

2-Chloronaphthalene

Concen: 45.131 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

Tgt Ion:162 Resp: 910979

Ion Ratio Lower Upper

162 100

127 39.2 32.6 49.0

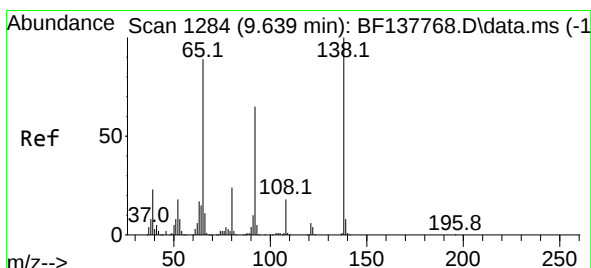
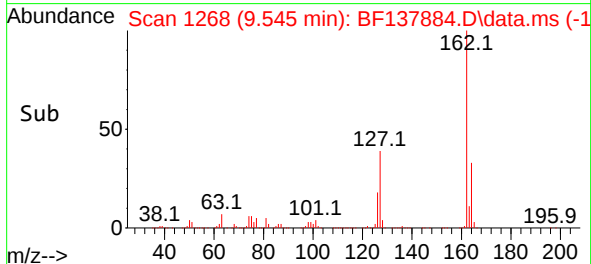
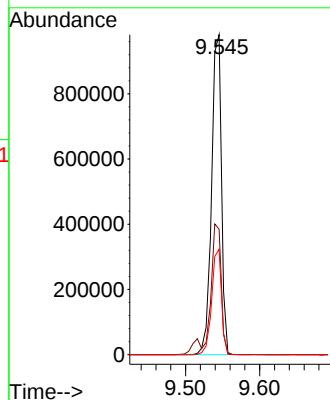
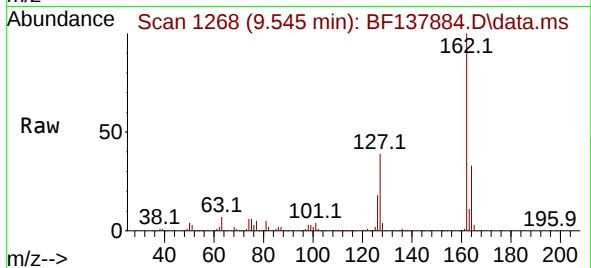
164 33.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#48

2-Nitroaniline

Concen: 44.710 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

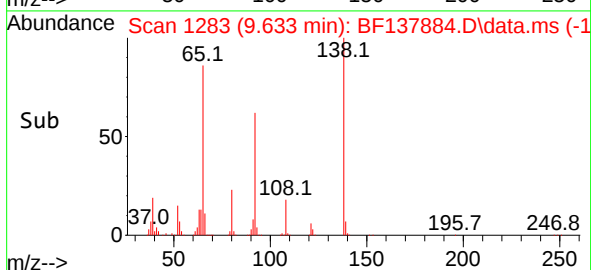
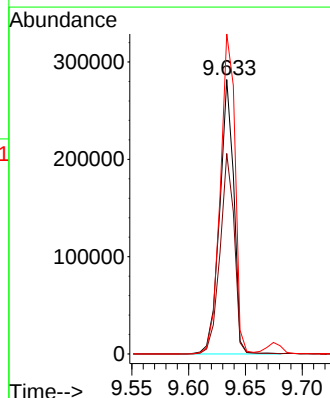
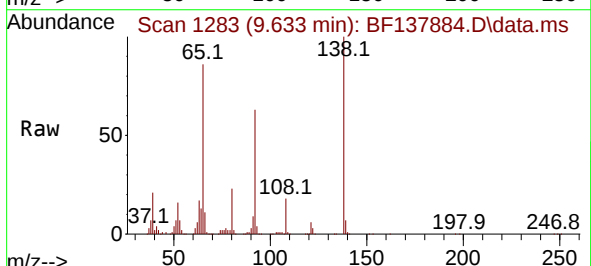
Tgt Ion: 65 Resp: 244759

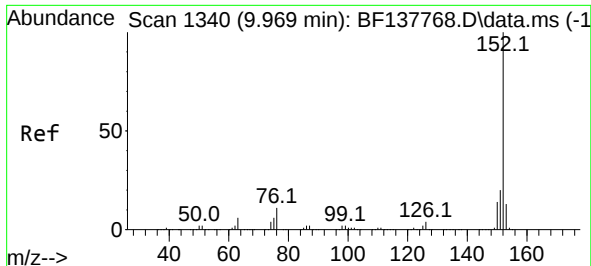
Ion Ratio Lower Upper

65 100

92 73.1 58.6 88.0

138 116.6 90.3 135.5





#49
Acenaphthylene
Concen: 48.736 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

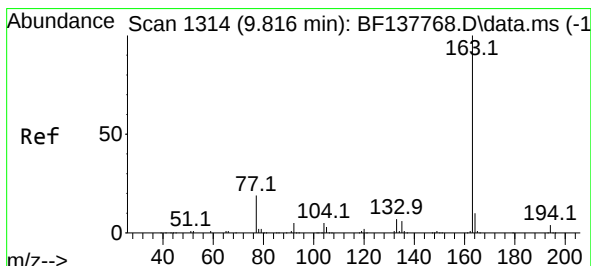
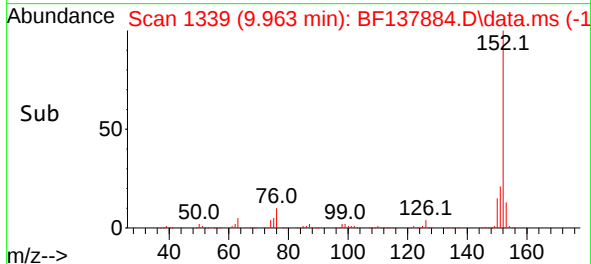
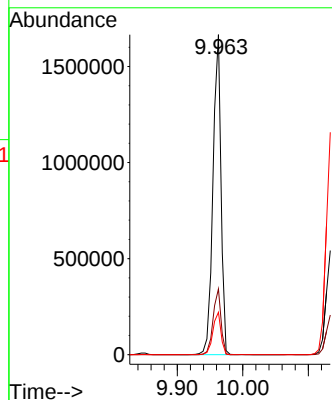
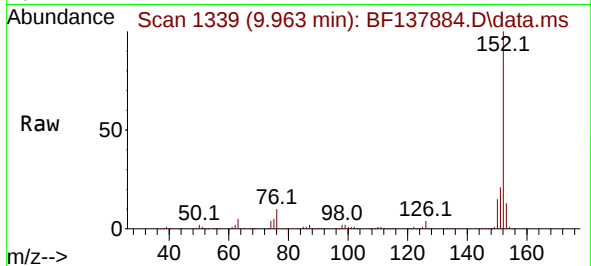
Tgt Ion:152 Resp: 142307
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.2 10.8 16.2

Manual Integrations

APPROVED

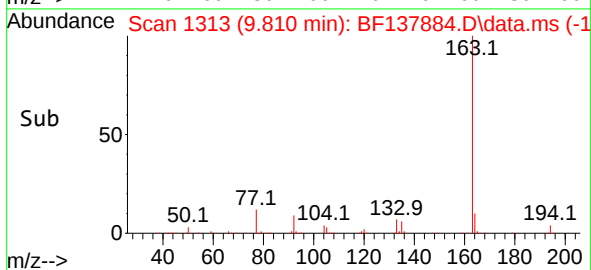
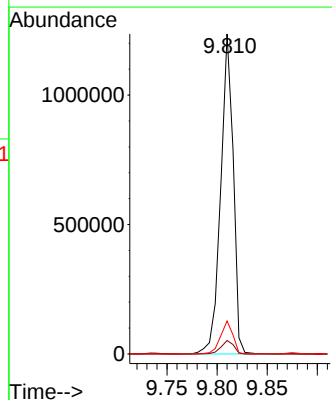
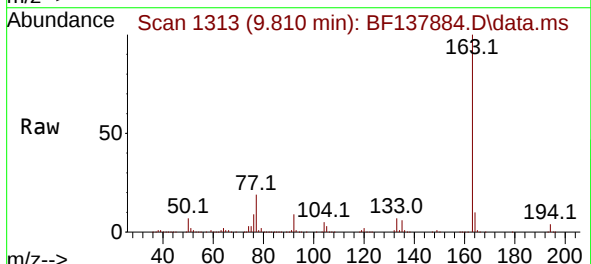
Reviewed By :Yogesh Patel 05/13/2024

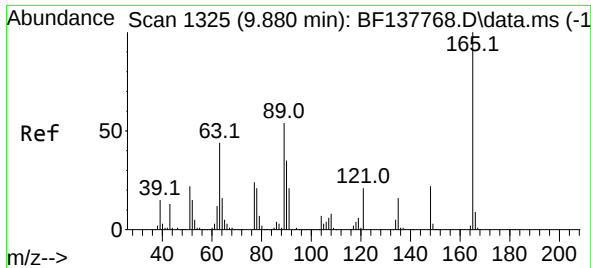
Supervised By :mohammad ahmed 05/13/2024



#50
Dimethylphthalate
Concen: 46.760 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:163 Resp: 1075406
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.3 12.5





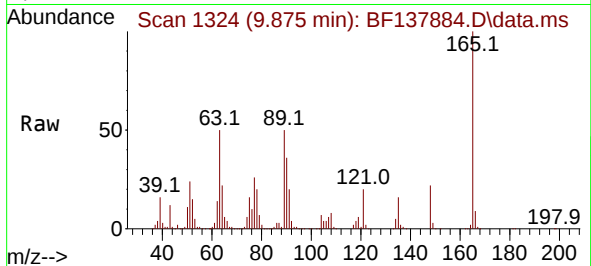
#51
2,6-Dinitrotoluene
Concen: 46.251 ng
RT: 9.875 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



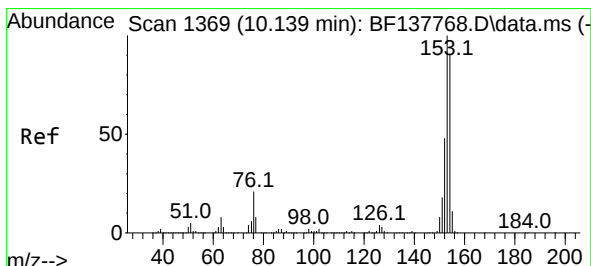
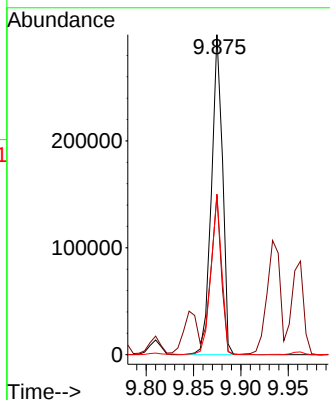
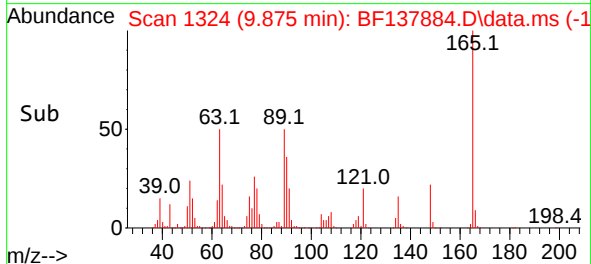
Tgt Ion:165 Resp: 243088
Ion Ratio Lower Upper
165 100
63 49.9 41.9 62.9
89 50.2 43.2 64.8

Manual Integrations

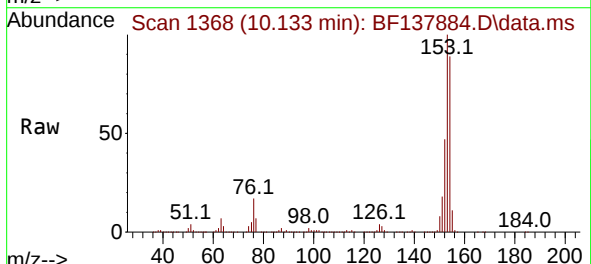
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

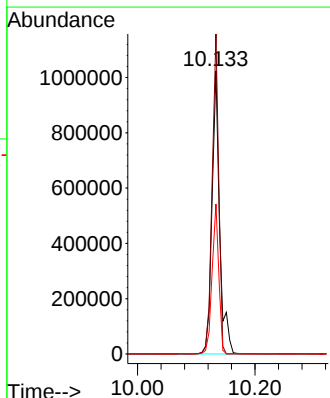
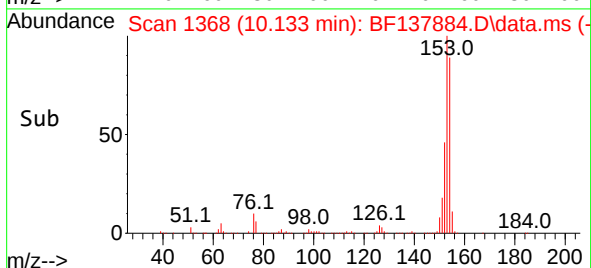
Supervised By :mohammad ahmed 05/13/2024



#52
Acenaphthene
Concen: 47.794 ng
RT: 10.133 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:154 Resp: 925044
Ion Ratio Lower Upper
154 100
153 113.0 88.7 133.1
152 52.9 42.8 64.2





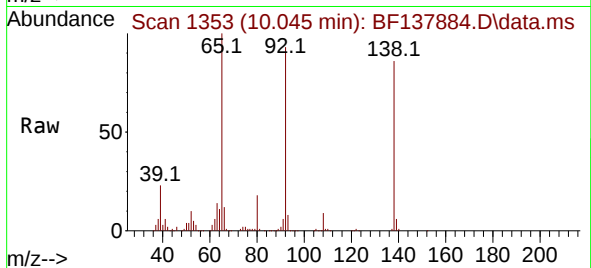
#53
3-Nitroaniline
Concen: 27.303 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



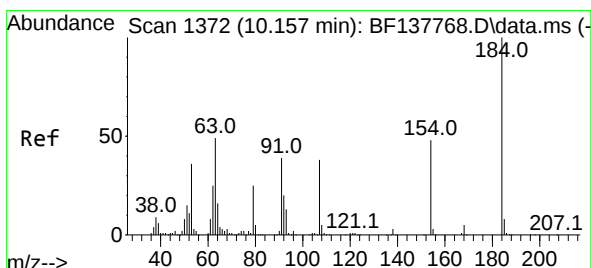
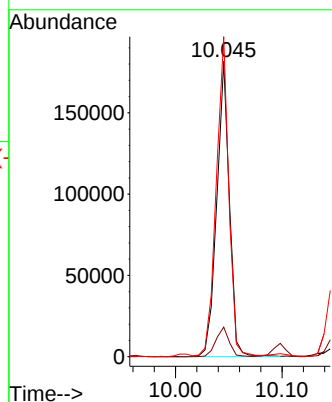
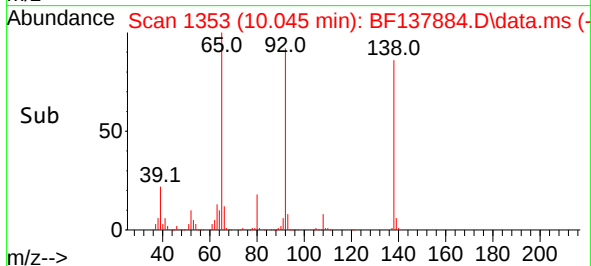
Tgt Ion:138 Resp: 150274
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.6
92 108.4 84.6 126.8

Manual Integrations

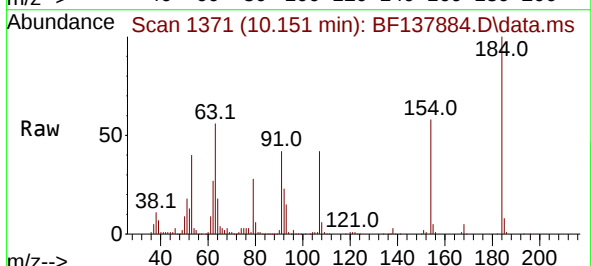
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

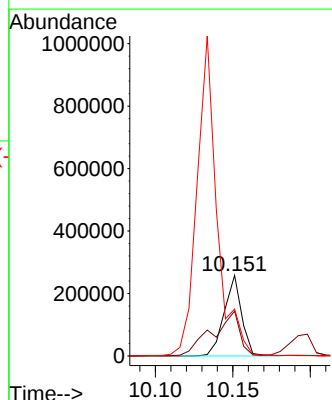
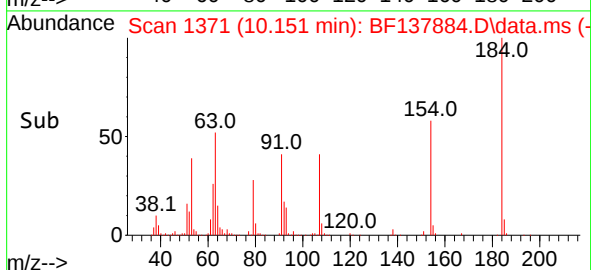
Supervised By :mohammad ahmed 05/13/2024

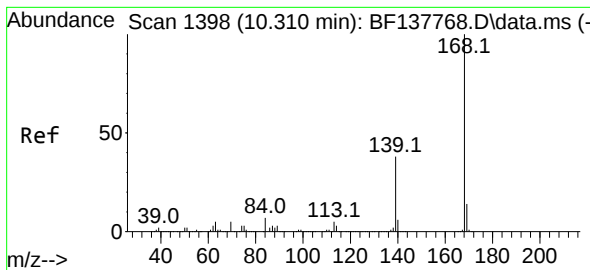


#54
2,4-Dinitrophenol
Concen: 78.659 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



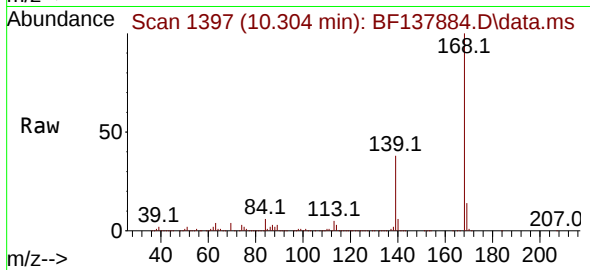
Tgt Ion:184 Resp: 203138
Ion Ratio Lower Upper
184 100
63 55.6 40.3 60.5
154 58.3 45.2 67.8





#55
Dibenzenofuran
Concen: 45.558 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

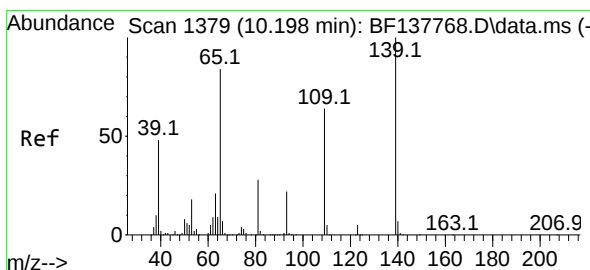
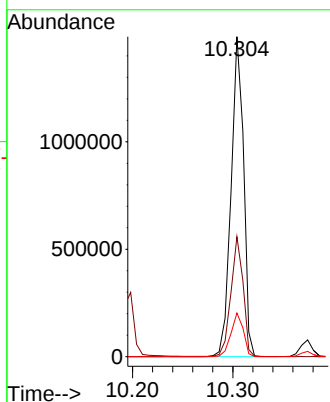
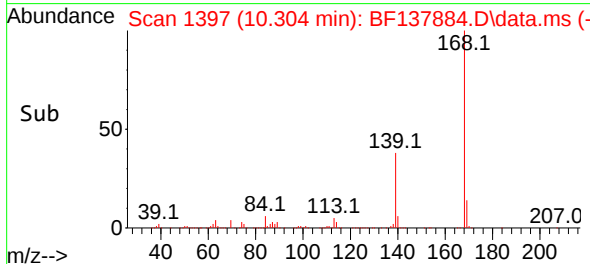
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



Tgt Ion:168 Resp: 128317
Ion Ratio Lower Upper
168 100
139 37.5 30.2 45.4
169 13.6 11.4 17.0

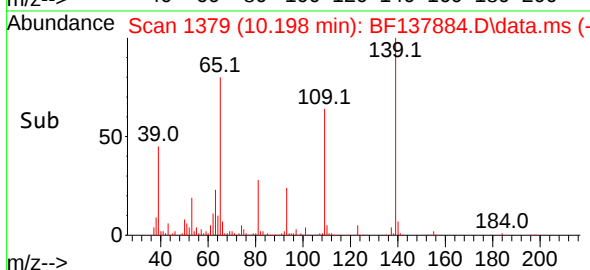
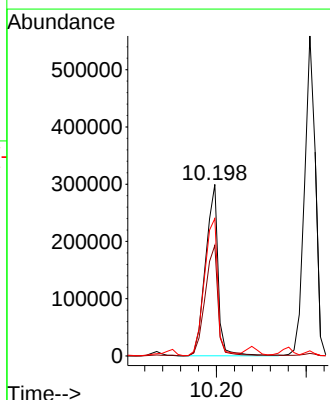
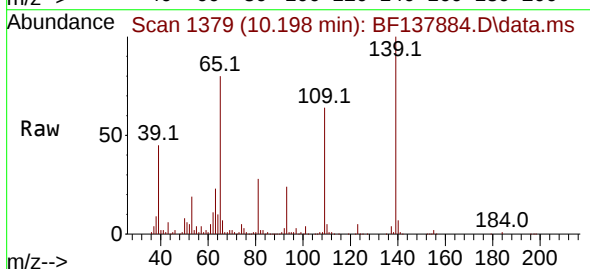
Manual Integrations
APPROVED

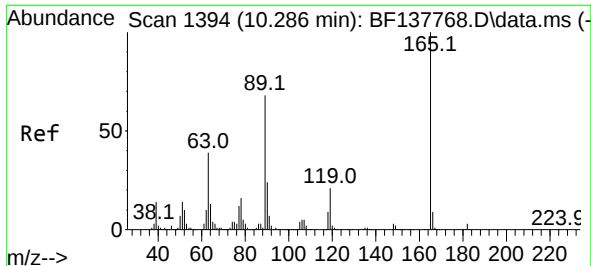
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#56
4-Nitrophenol
Concen: 63.959 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:139 Resp: 291763
Ion Ratio Lower Upper
139 100
109 64.5 44.0 84.0
65 80.2 64.3 104.3





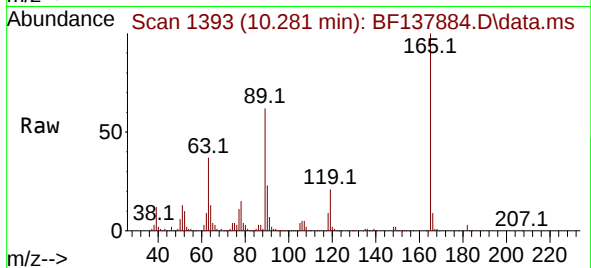
#57
2,4-Dinitrotoluene
Concen: 45.689 ng
RT: 10.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



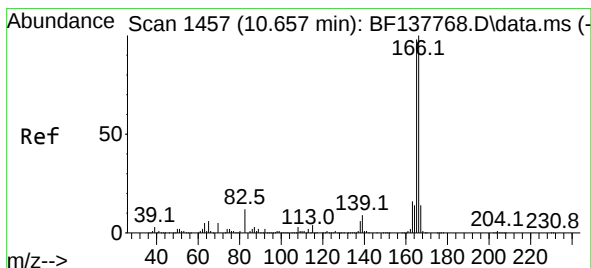
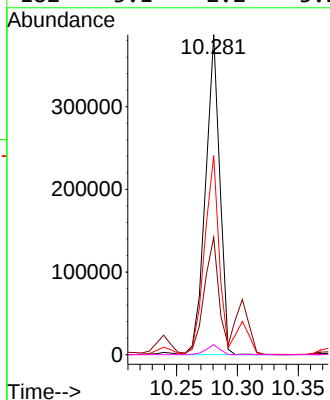
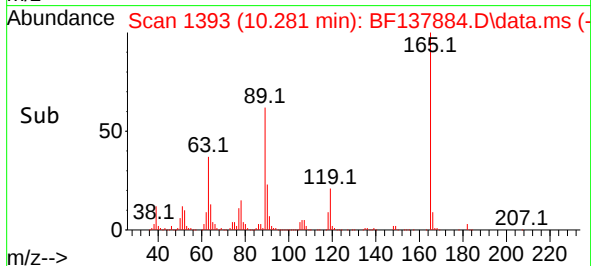
Tgt Ion:165 Resp: 31372
Ion Ratio Lower Upper
165 100
63 36.7 31.3 46.9
89 62.2 54.2 81.4
182 3.1 2.2 3.2

Manual Integrations

APPROVED

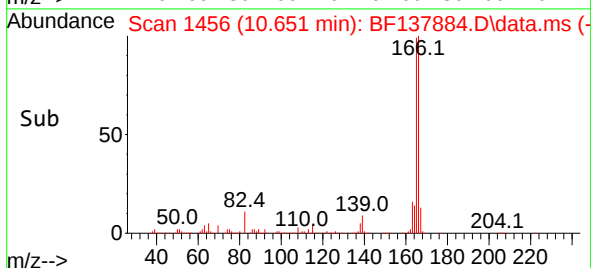
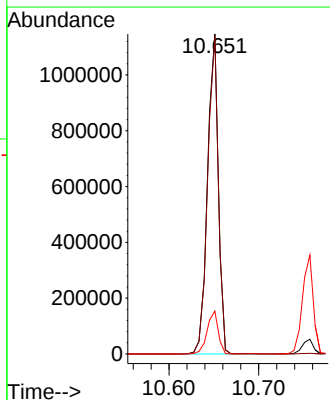
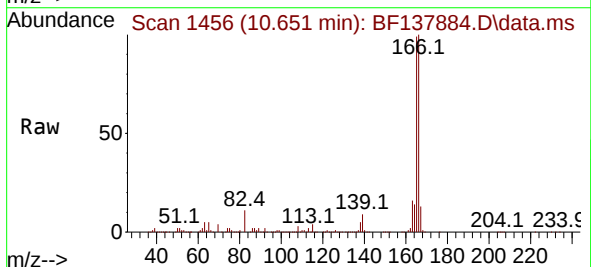
Reviewed By :Yogesh Patel 05/13/2024

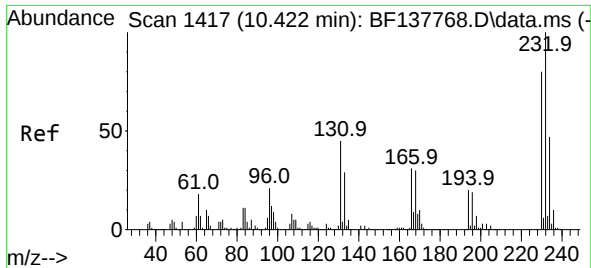
Supervised By :mohammad ahmed 05/13/2024



#58
Fluorene
Concen: 42.813 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

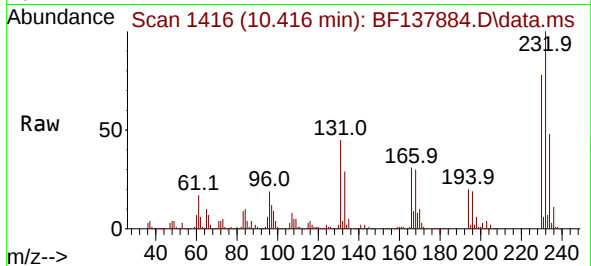
Tgt Ion:166 Resp: 959686
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.2
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.458 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

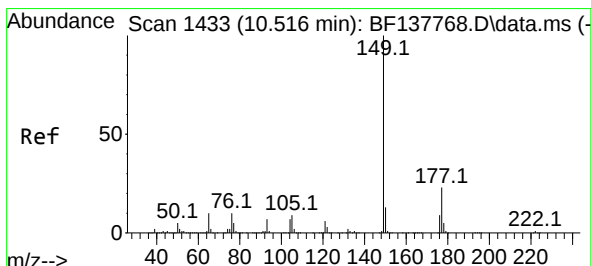
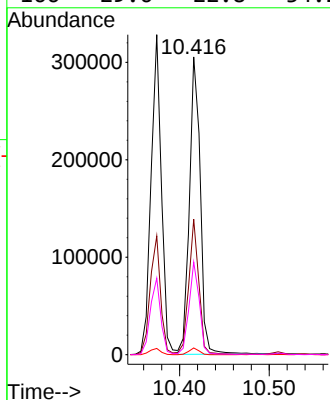
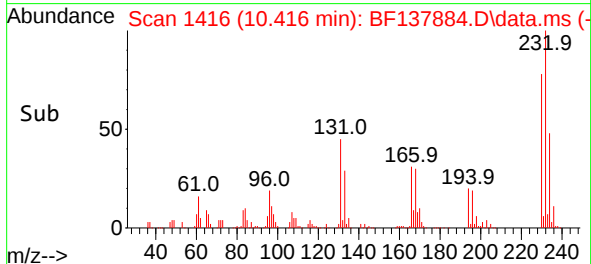
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



Tgt Ion:232 Resp: 25587
Ion Ratio Lower Upper
232 100
131 42.1 33.4 50.0
130 2.1 1.7 2.5
166 29.6 22.8 34.2

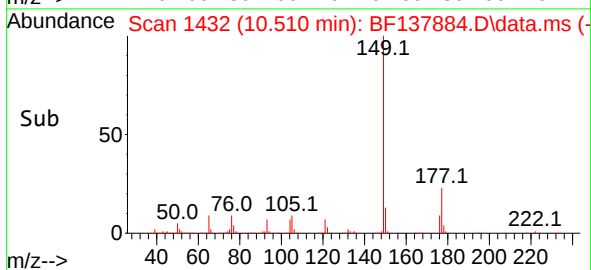
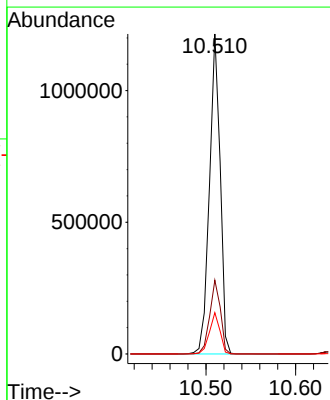
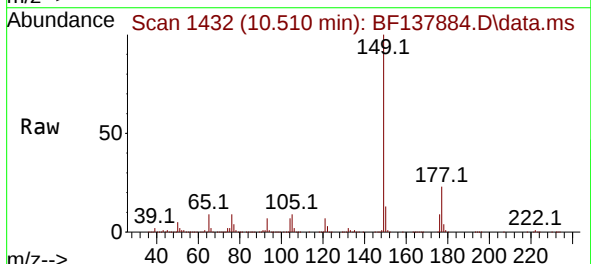
Manual Integrations
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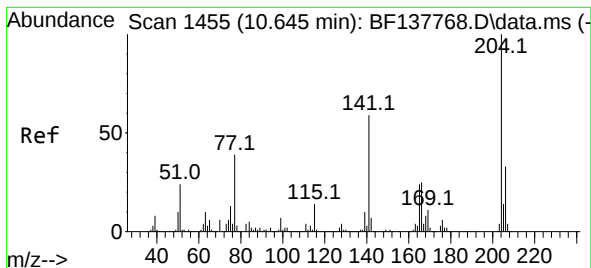
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#60
Diethylphthalate
Concen: 46.012 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

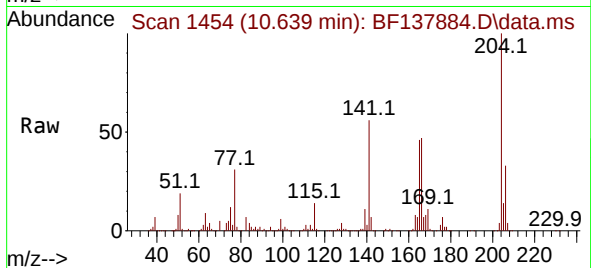
Tgt Ion:149 Resp: 1005027
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.9 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 43.922 ng
RT: 10.639 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

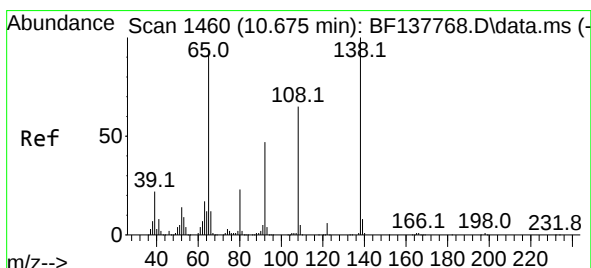
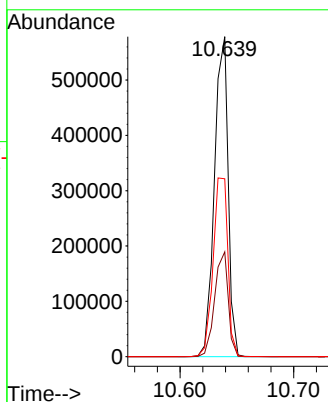
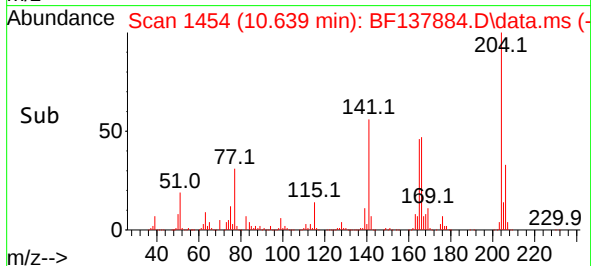
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



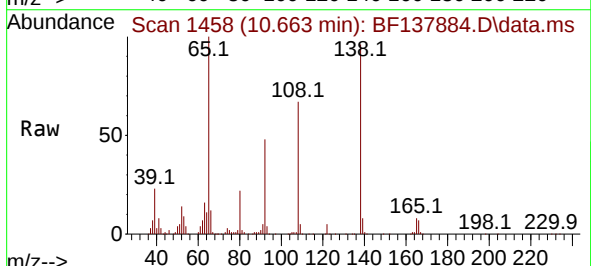
Tgt Ion:204 Resp: 485117
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 55.6 47.0 70.6

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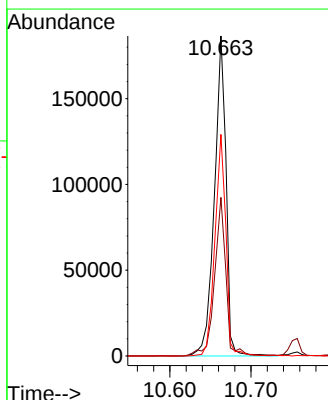
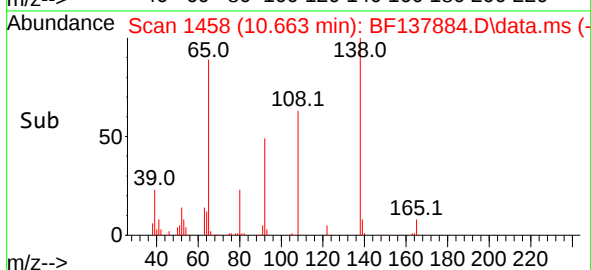
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

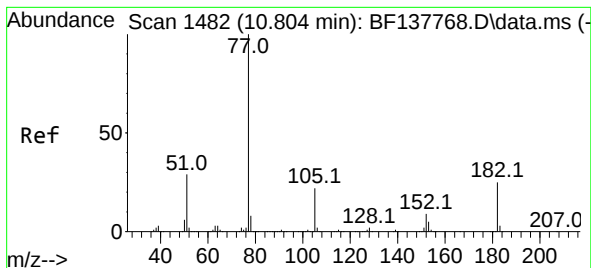


#62
4-Nitroaniline
Concen: 33.306 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:138 Resp: 185940
Ion Ratio Lower Upper
138 100
92 49.6 26.8 66.8
108 69.2 44.7 84.7





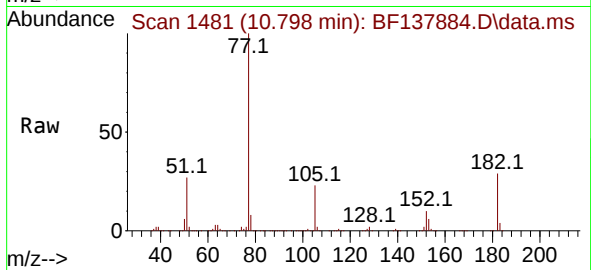
#63
Azobenzene
Concen: 42.032 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



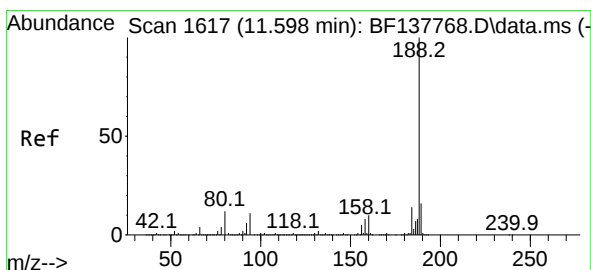
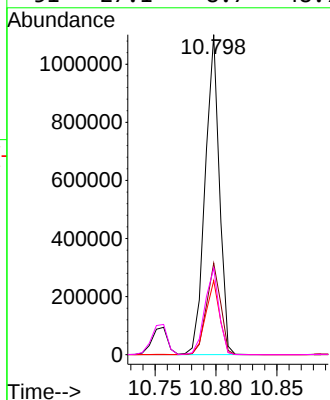
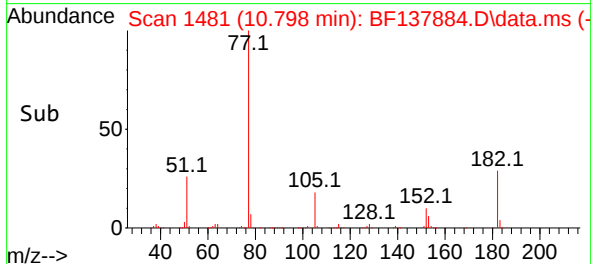
Tgt Ion: 77 Resp: 887339
Ion Ratio Lower Upper
77 100
182 28.6 5.1 45.1
105 23.1 2.2 42.2
51 27.1 8.7 48.7

Manual Integrations

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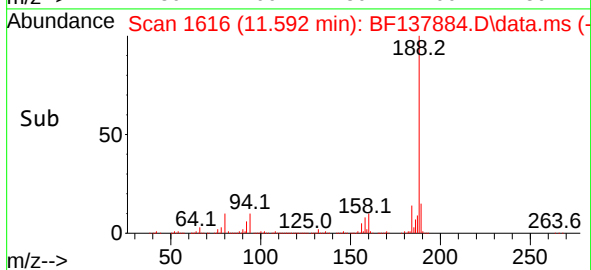
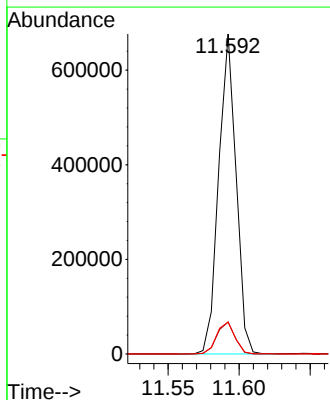
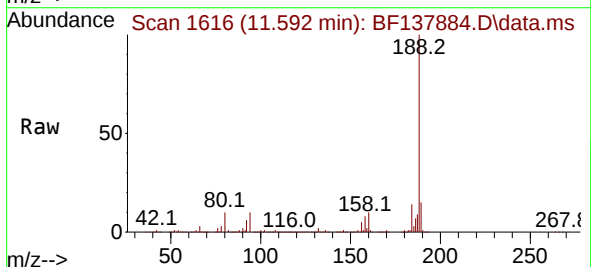
Reviewed By :Yogesh Patel 05/13/2024

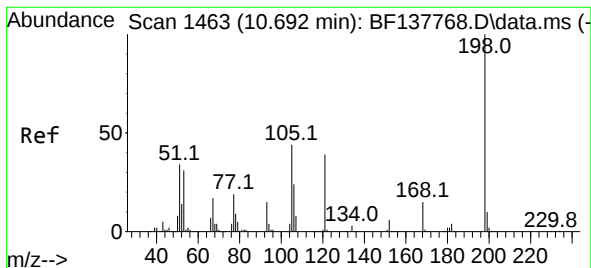
Supervised By :mohammad ahmed 05/13/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

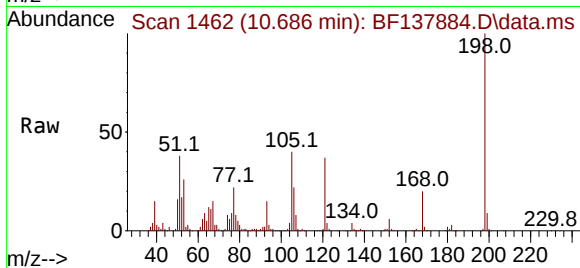
Tgt Ion:188 Resp: 575631
Ion Ratio Lower Upper
188 100
94 10.0 8.8 13.2
80 9.9 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 46.536 ng
RT: 10.686 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

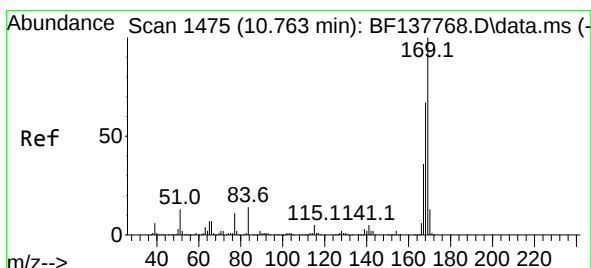
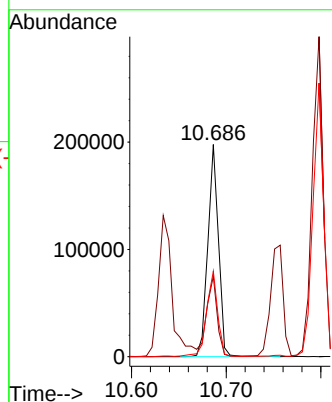
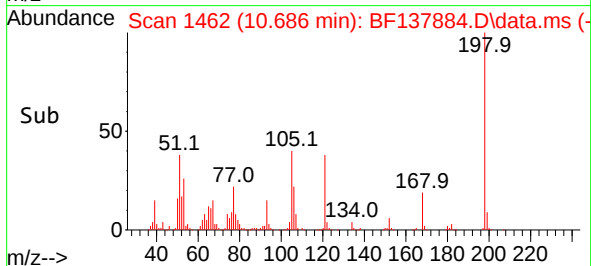
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



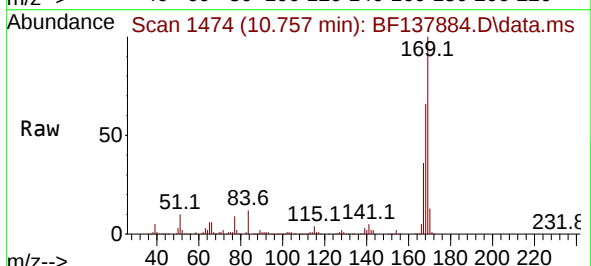
Tgt Ion:198 Resp: 153752
Ion Ratio Lower Upper
198 100
51 38.0 25.1 65.1
105 40.3 24.1 64.1

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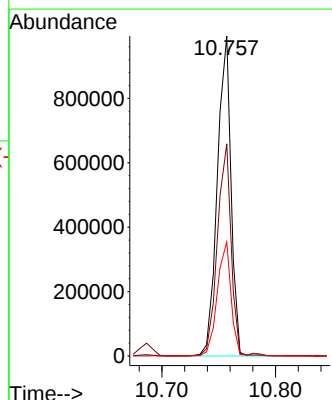
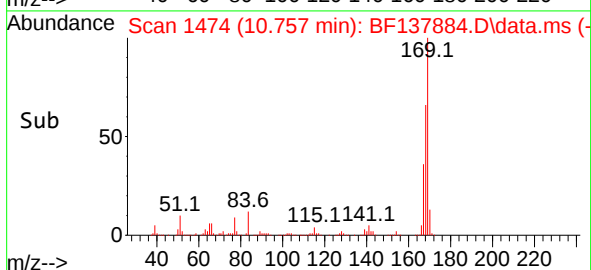
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

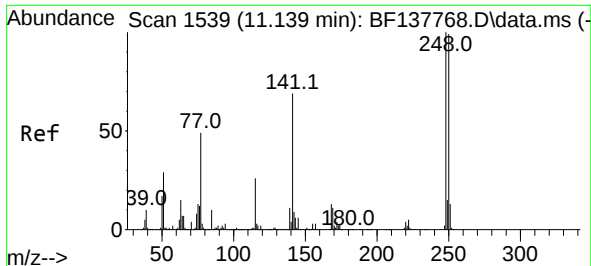


#66
n-Nitrosodiphenylamine
Concen: 48.374 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:169 Resp: 833521
Ion Ratio Lower Upper
169 100
168 66.3 53.3 79.9
167 35.7 29.2 43.8





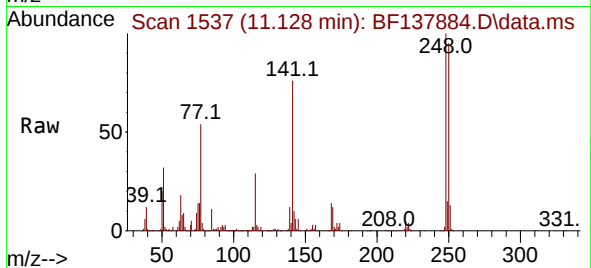
#67
4-Bromophenyl-phenylether
Concen: 48.437 ng
RT: 11.128 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



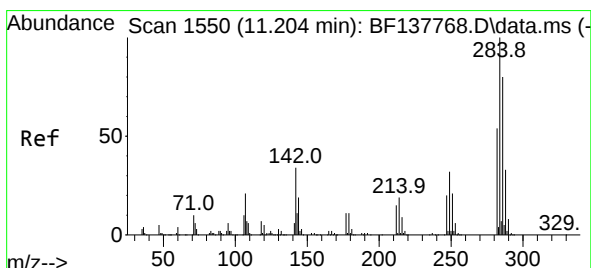
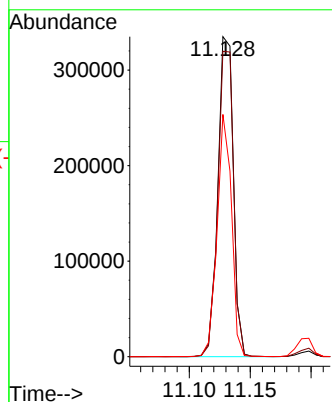
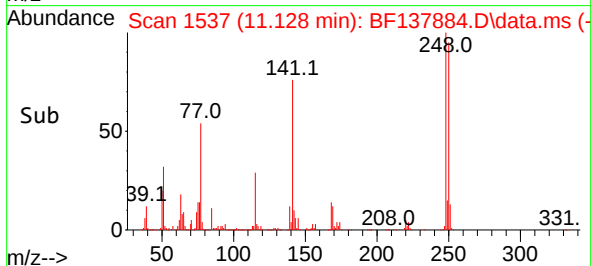
Tgt Ion:248 Resp: 298394
Ion Ratio Lower Upper
248 100
250 95.4 79.1 118.7
141 75.7 55.4 83.2

Manual Integrations

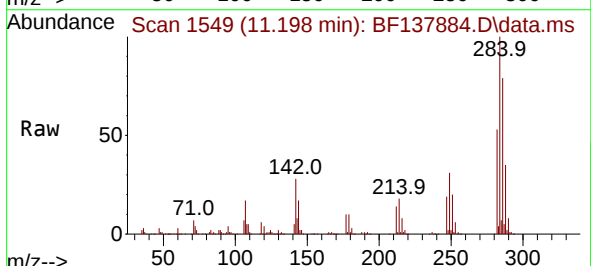
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

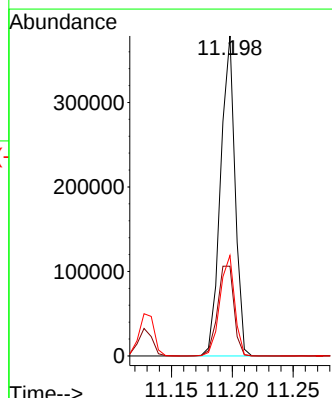
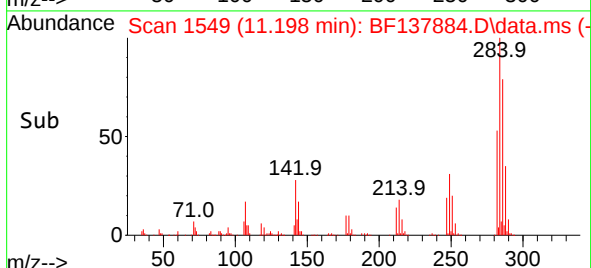
Supervised By :mohammad ahmed 05/13/2024

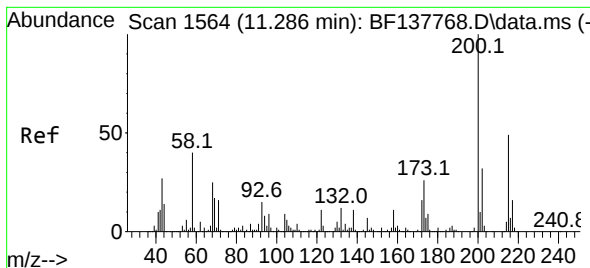


#68
Hexachlorobenzene
Concen: 46.784 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:284 Resp: 314962
Ion Ratio Lower Upper
284 100
142 28.1 27.3 40.9
249 31.4 25.6 38.4





#69

Atrazine

Concen: 52.646 ng

RT: 11.280 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

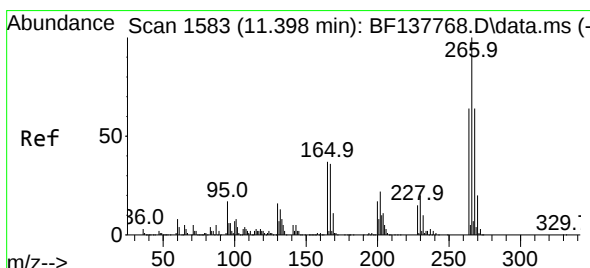
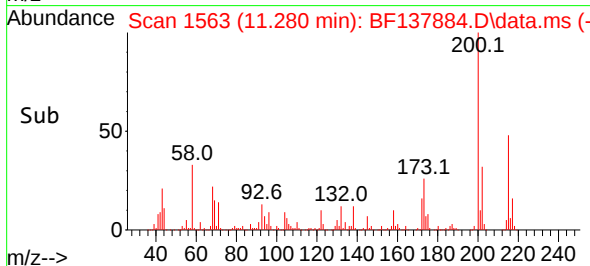
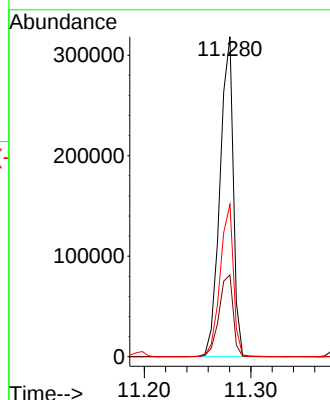
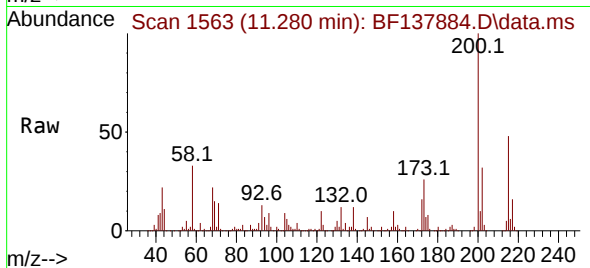
Tgt Ion:	200	Resp:	276594
Ion Ratio	Lower	Upper	
200	100		
173	25.5	5.9	45.9
215	47.6	28.8	68.8

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#70

Pentachlorophenol

Concen: 74.404 ng

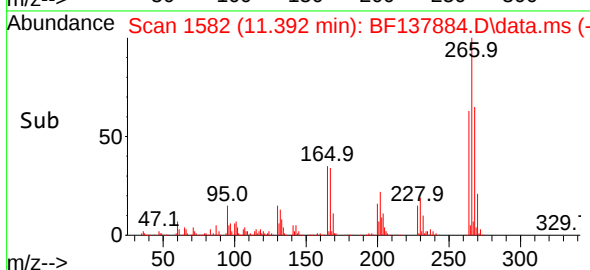
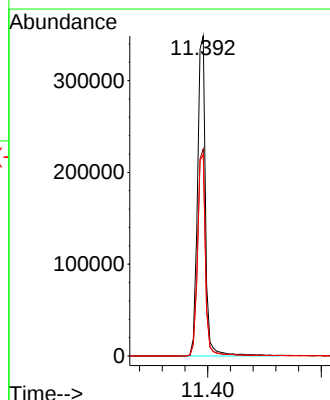
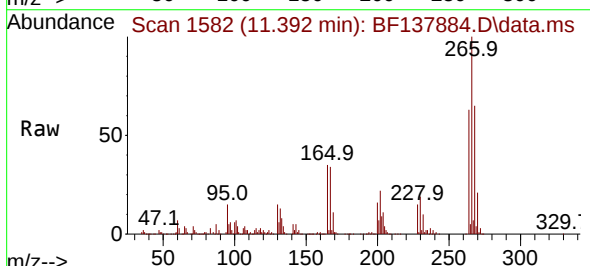
RT: 11.392 min Scan# 1582

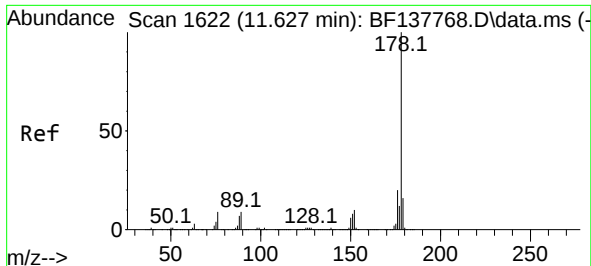
Delta R.T. -0.006 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

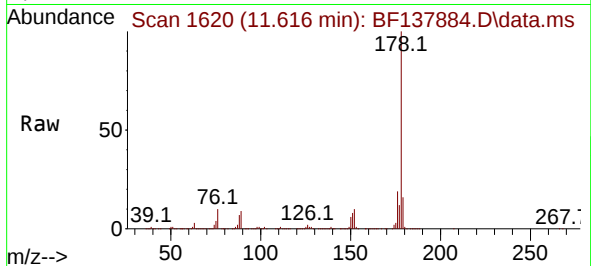
Tgt Ion:	266	Resp:	343892
Ion Ratio	Lower	Upper	
266	100		
268	64.7	51.3	76.9
264	62.9	51.0	76.4





#71
Phenanthrene
Concen: 46.786 ng
RT: 11.616 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

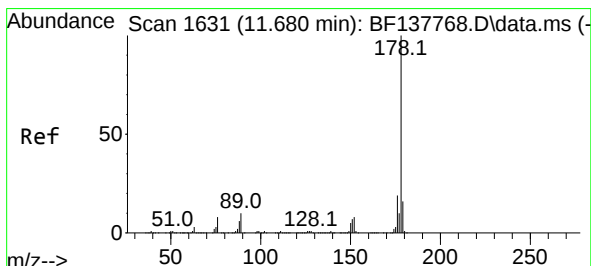
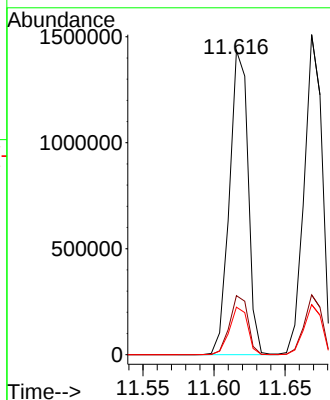
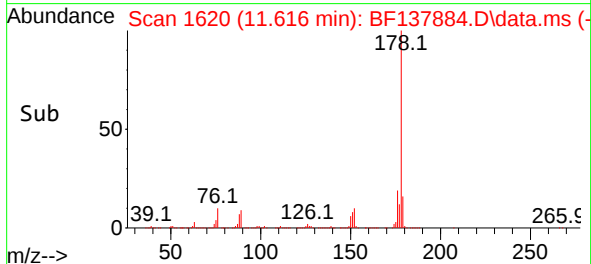
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



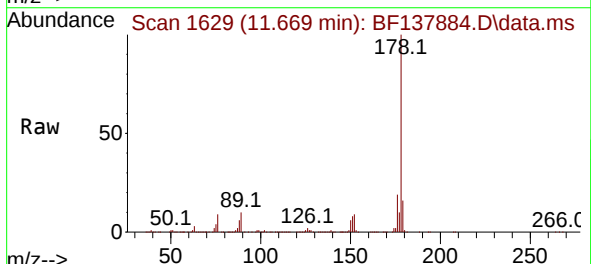
Tgt Ion:178 Resp: 1312672
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.6 12.5 18.7

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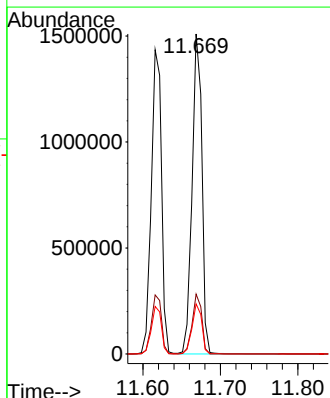
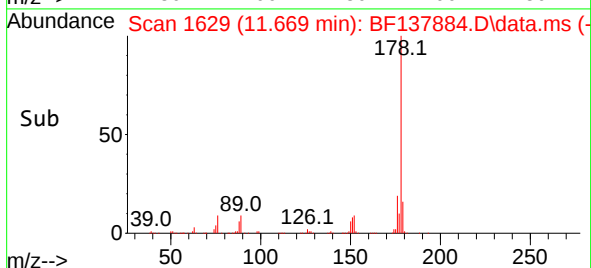
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

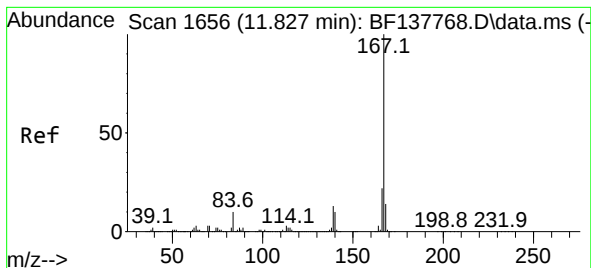


#72
Anthracene
Concen: 47.498 ng
RT: 11.669 min Scan# 1629
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



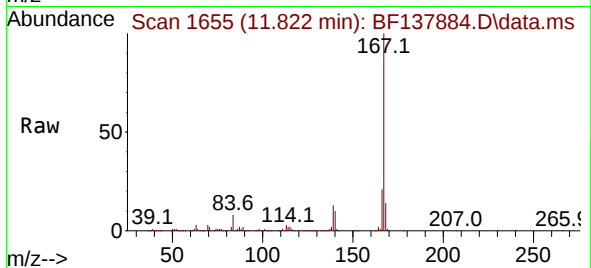
Tgt Ion:178 Resp: 1325981
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 40.371 ng
 RT: 11.822 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BF137884.D
 Acq: 10 May 2024 16:51

Instrument :
 BNA_F
 ClientSampleId :
 B-02-011MS

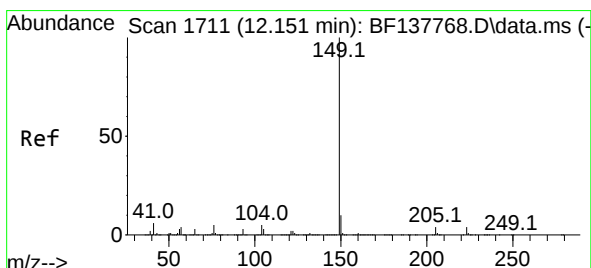
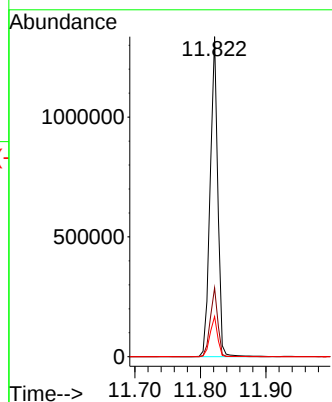
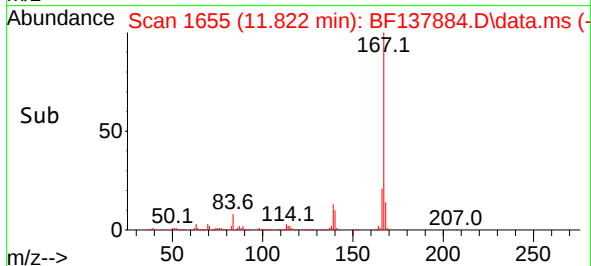


Tgt Ion:167 Resp: 108616

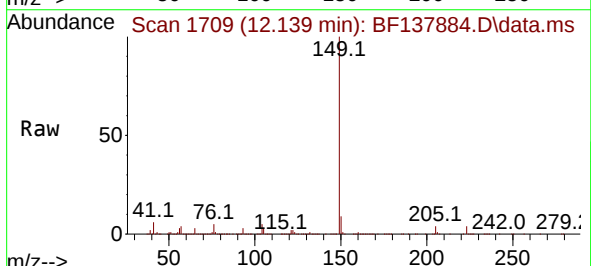
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.5	10.5	15.7

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

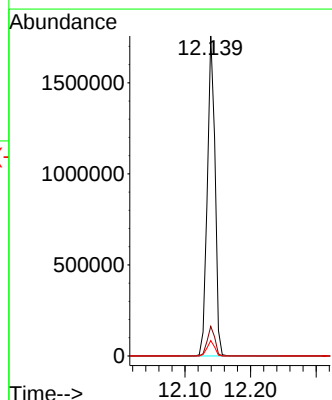
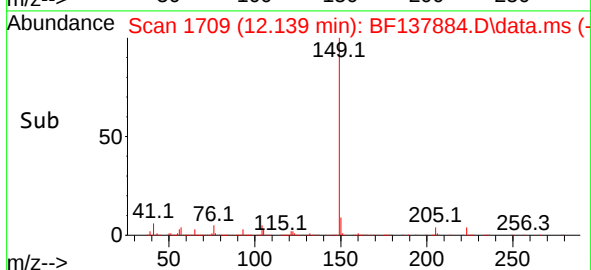


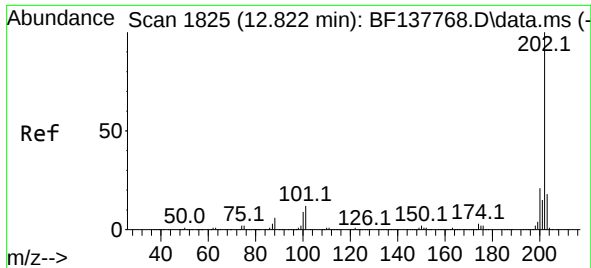
#74
 Di-n-butylphthalate
 Concen: 49.069 ng
 RT: 12.139 min Scan# 1709
 Delta R.T. -0.012 min
 Lab File: BF137884.D
 Acq: 10 May 2024 16:51



Tgt Ion:149 Resp: 1440106

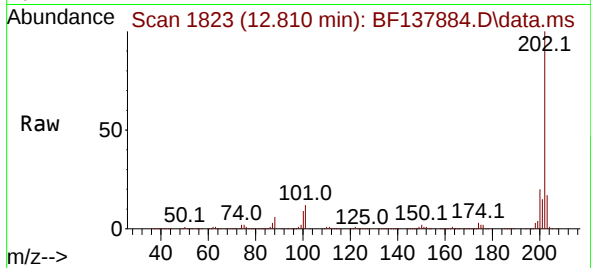
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.8	3.8	5.8





#75
Fluoranthene
Concen: 36.836 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.012 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

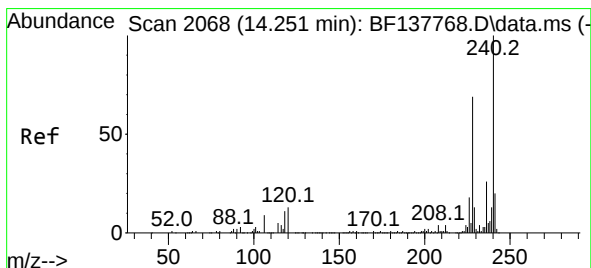
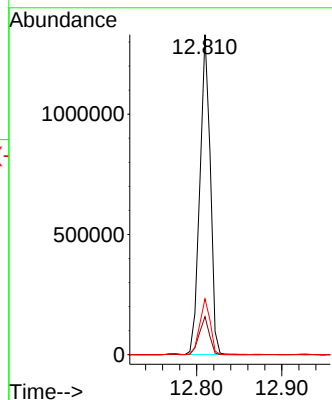
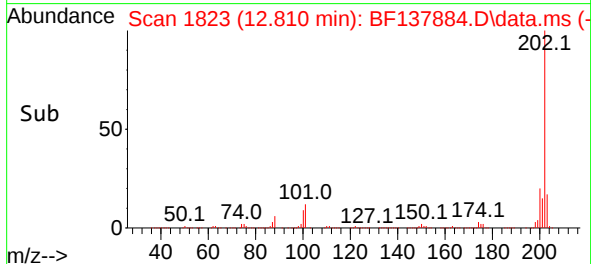
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



Tgt Ion:202 Resp: 112975
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.8
203 17.4 0.0 37.8

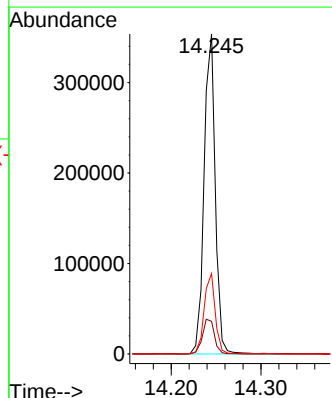
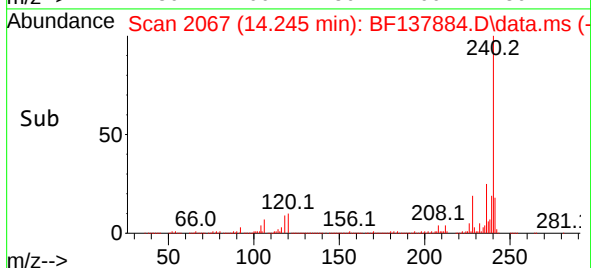
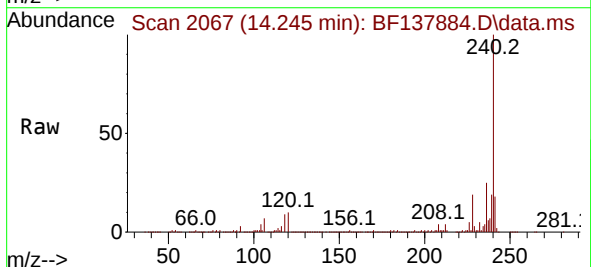
Manual Integrations
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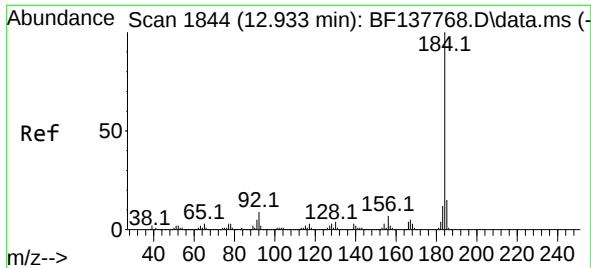
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

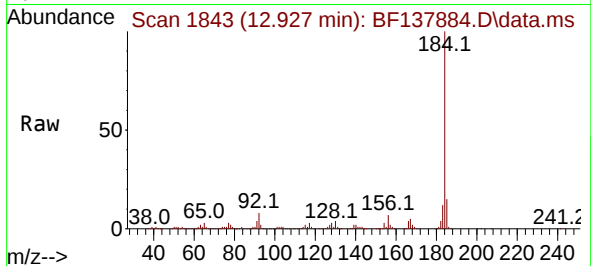
Tgt Ion:240 Resp: 305761
Ion Ratio Lower Upper
240 100
120 10.2 10.4 15.6#
236 25.2 20.4 30.6





#77
Benzidine
Concen: 47.573 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

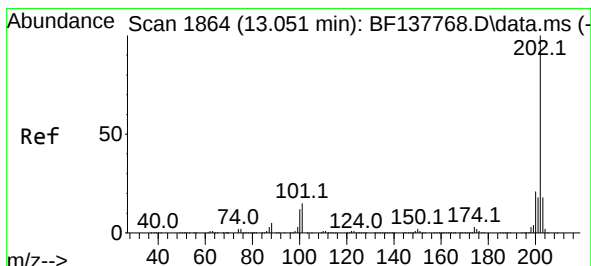
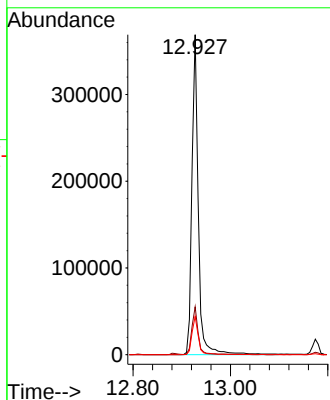
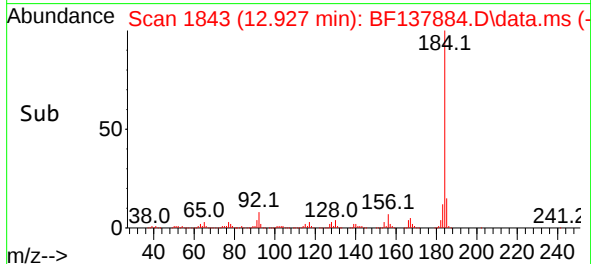
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



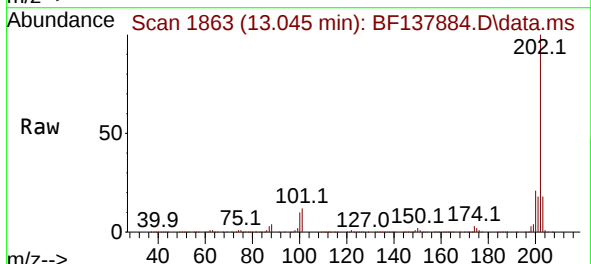
Tgt Ion:184 Resp: 336414
Ion Ratio Lower Upper
184 100
185 15.0 12.3 18.5
183 11.9 9.2 13.8

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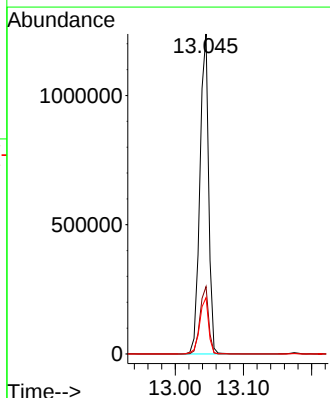
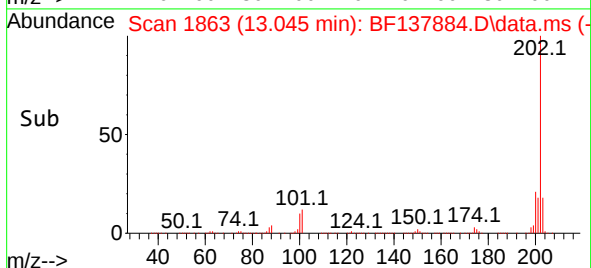
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

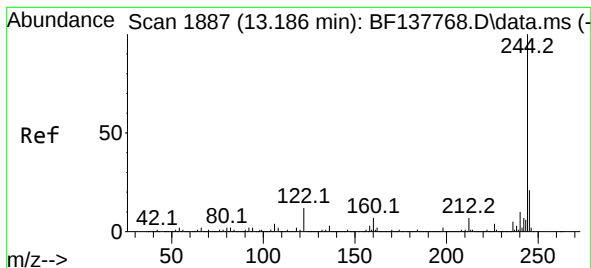


#78
Pyrene
Concen: 45.308 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:202 Resp: 1098418
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 67.589 ng

RT: 13.174 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

Tgt Ion:244 Resp: 123316

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

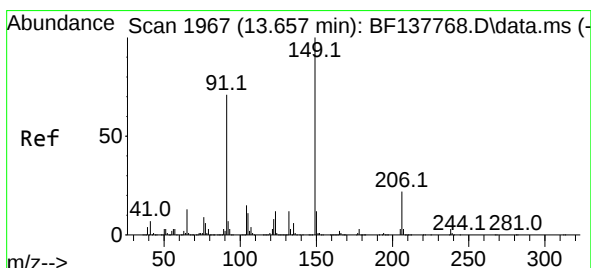
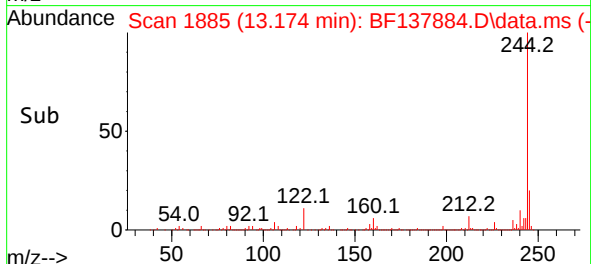
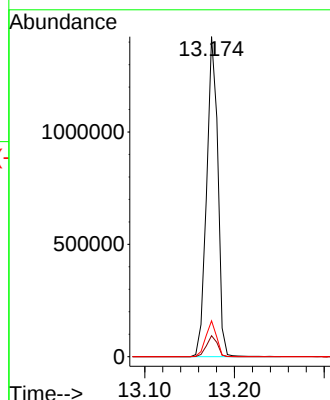
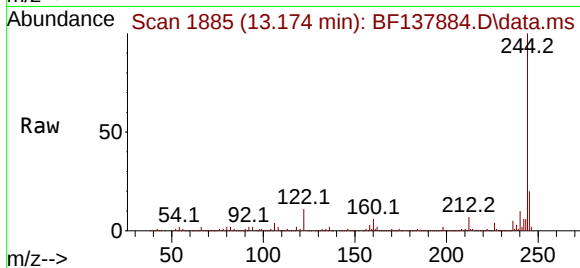
122 11.2 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#80

Butylbenzylphthalate

Concen: 53.233 ng

RT: 13.645 min Scan# 1965

Delta R.T. -0.012 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

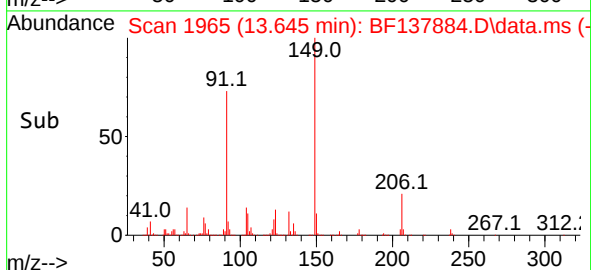
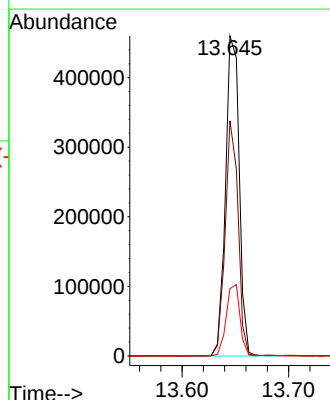
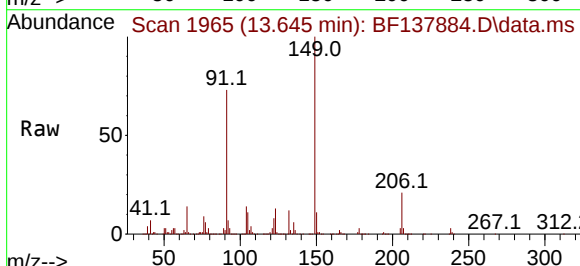
Tgt Ion:149 Resp: 409463

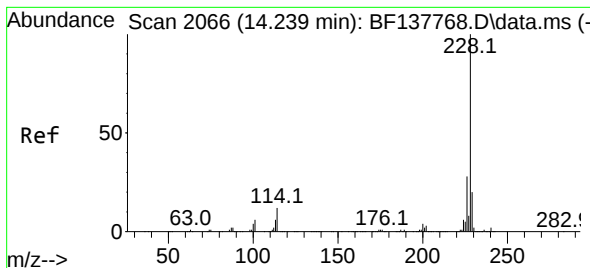
Ion Ratio Lower Upper

149 100

91 73.5 56.8 85.2

206 21.1 17.8 26.8





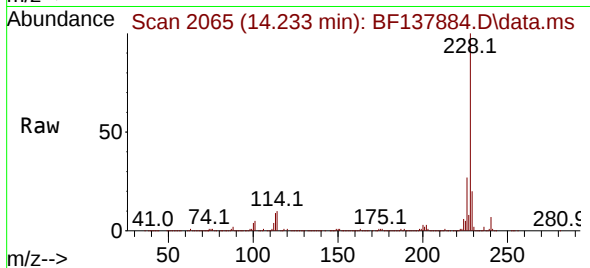
#81
Benzo(a)anthracene
Concen: 46.803 ng
RT: 14.233 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS



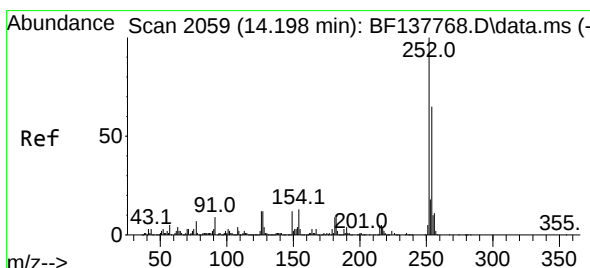
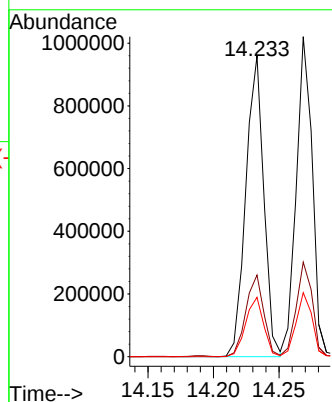
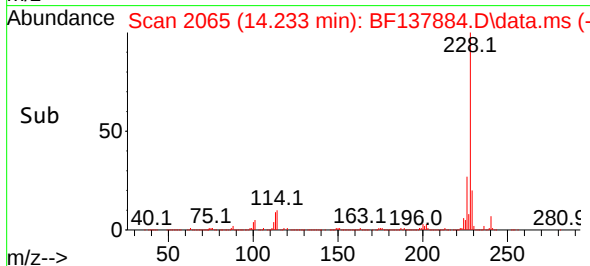
Tgt Ion:228 Resp: 915284
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 19.7 16.3 24.5

Manual Integrations

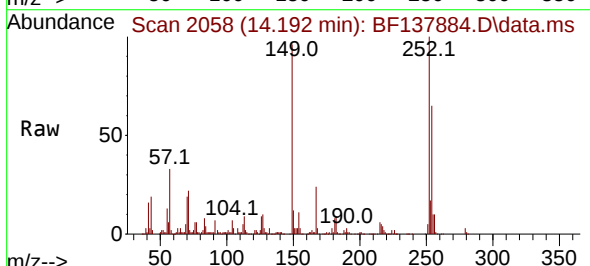
APPROVED

Reviewed By :Yogesh Patel 05/13/2024

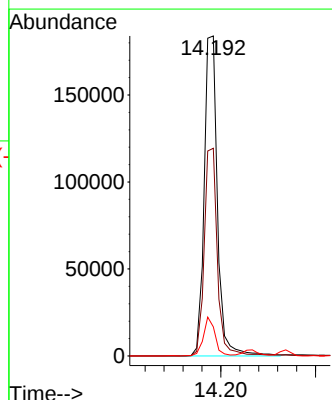
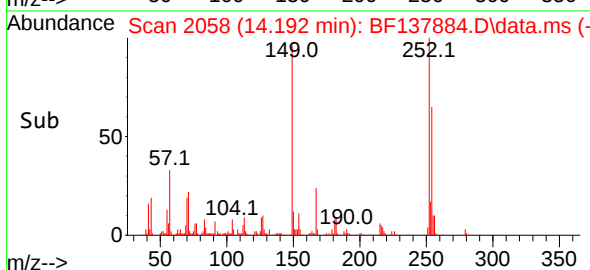
Supervised By :mohammad ahmed 05/13/2024

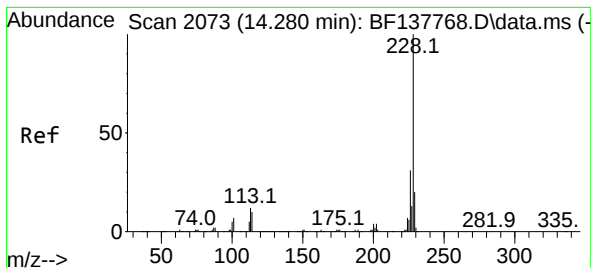


#82
3,3'-Dichlorobenzidine
Concen: 30.702 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51



Tgt Ion:252 Resp: 179743
Ion Ratio Lower Upper
252 100
254 64.9 51.7 77.5
126 9.1 9.7 14.5





#83

Chrysene

Concen: 47.648 ng

RT: 14.268 min Scan# 2071

Delta R.T. -0.012 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

Tgt Ion:228 Resp: 872490

Ion Ratio Lower Upper

228 100

226 29.6 24.8 37.2

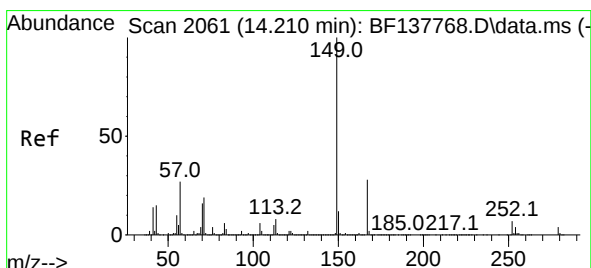
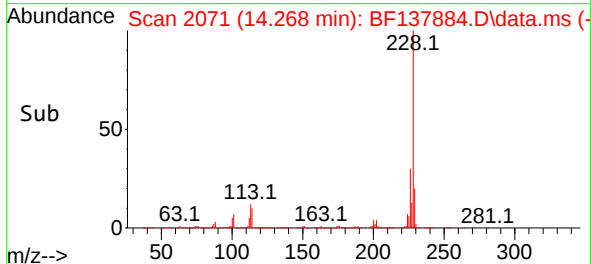
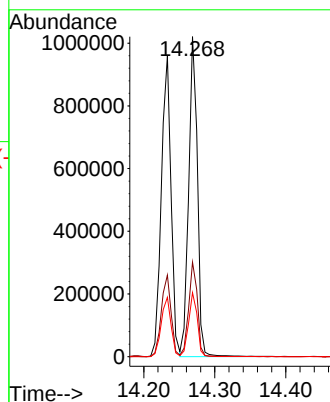
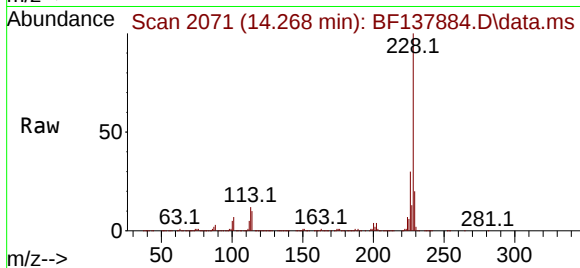
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.472 ng

RT: 14.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

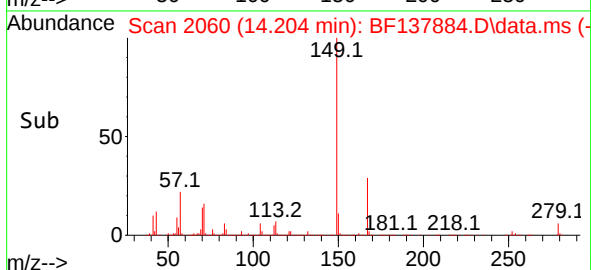
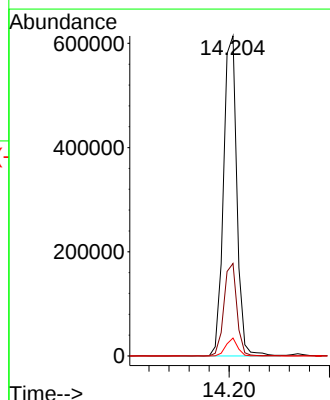
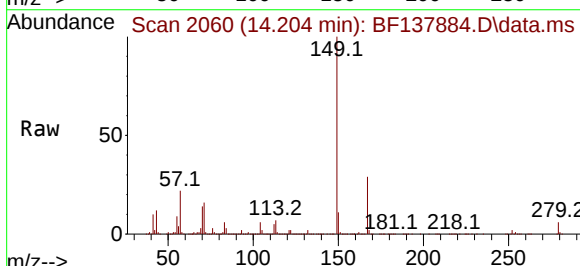
Tgt Ion:149 Resp: 566831

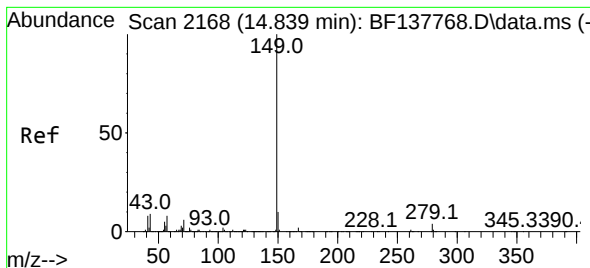
Ion Ratio Lower Upper

149 100

167 28.9 22.4 33.6

279 5.6 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 71.458 ng

RT: 14.833 min Scan# 2168

Delta R.T. -0.006 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

Tgt Ion:149 Resp: 93226

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

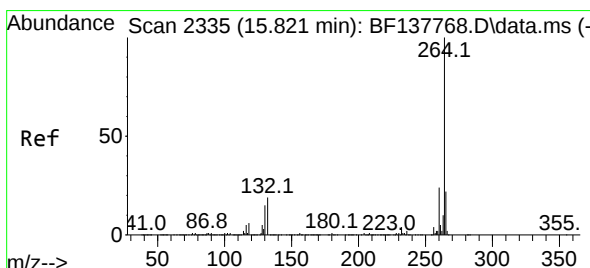
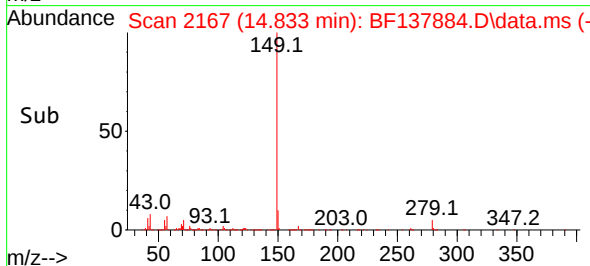
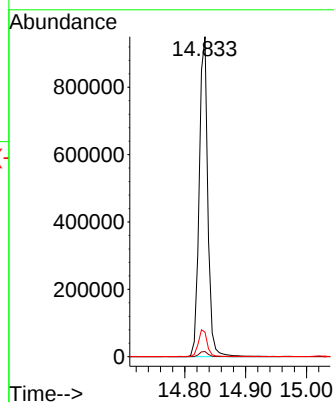
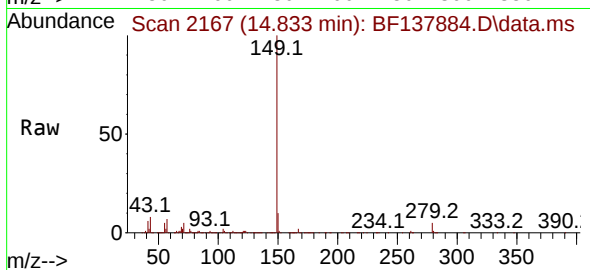
43 8.7 7.5 11.3

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: BF137884.D

Acq: 10 May 2024 16:51

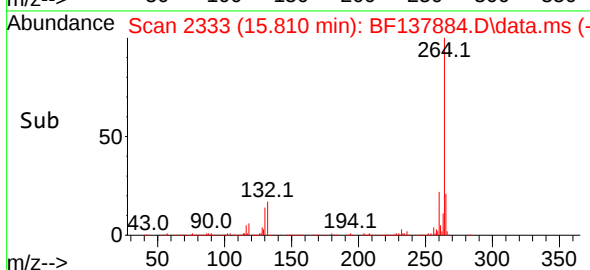
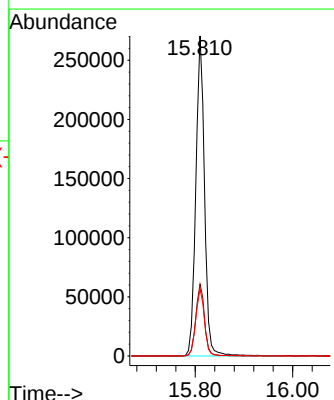
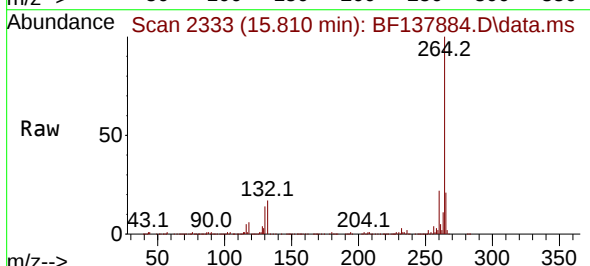
Tgt Ion:264 Resp: 338567

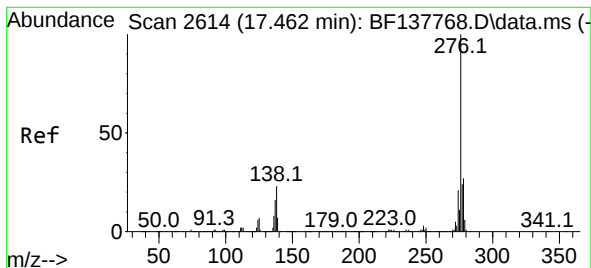
Ion Ratio Lower Upper

264 100

260 22.4 18.9 28.3

265 20.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.121 ng

RT: 17.445 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

Tgt Ion:276 Resp: 714530

Ion Ratio Lower Upper

276 100

138 25.8 21.4 32.0

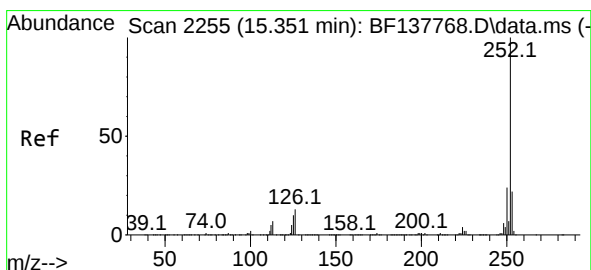
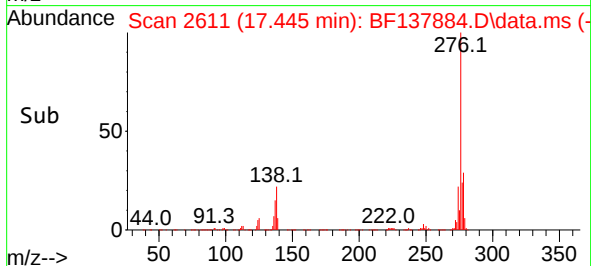
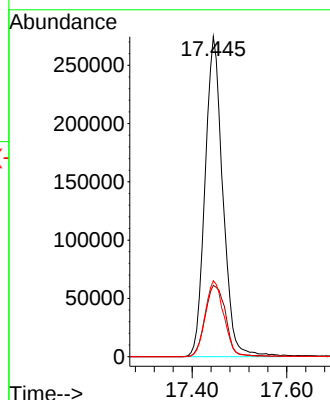
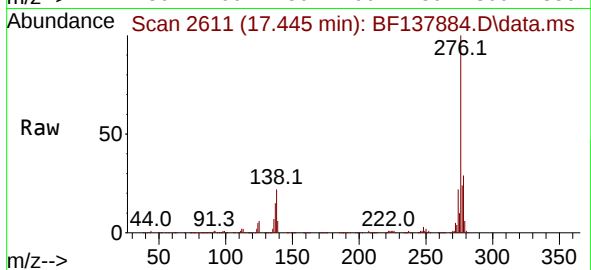
277 25.0 20.1 30.1

Manual Integrations

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Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#88

Benzo(b)fluoranthene

Concen: 44.238 ng

RT: 15.339 min Scan# 2253

Delta R.T. -0.012 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

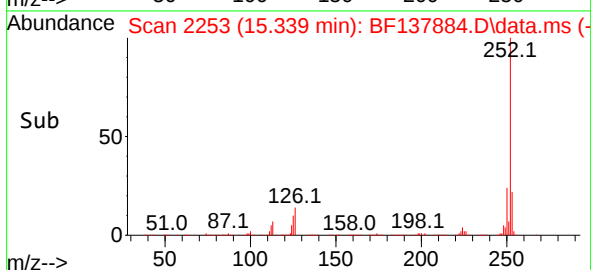
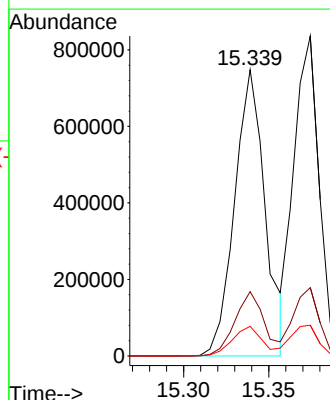
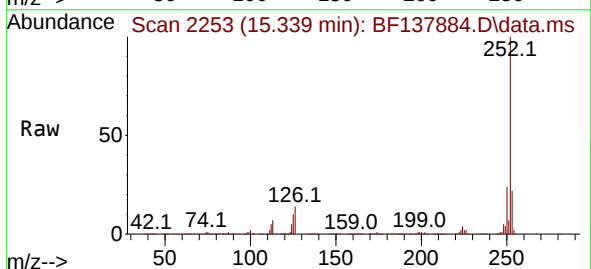
Tgt Ion:252 Resp: 931865

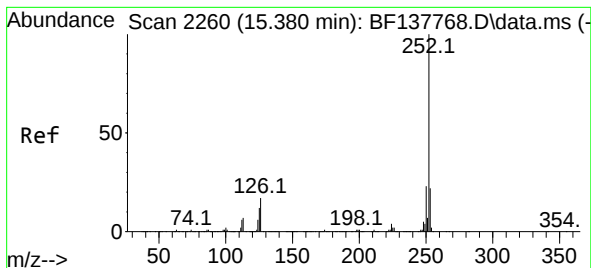
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 10.3 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 43.093 ng

RT: 15.374 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

B-02-011MS

Tgt Ion:252 Resp: 877360

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

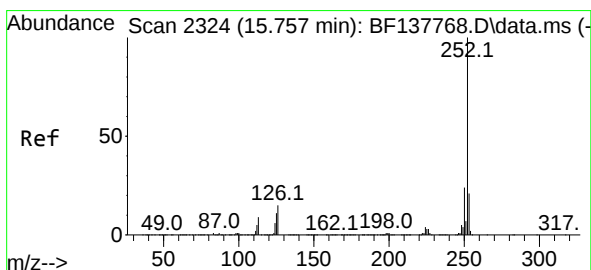
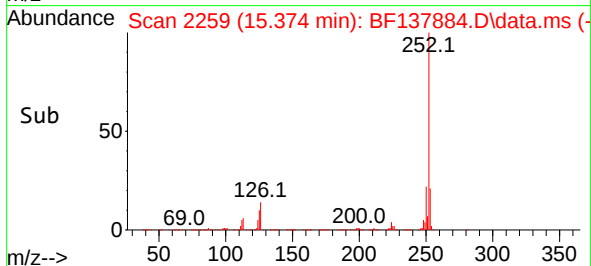
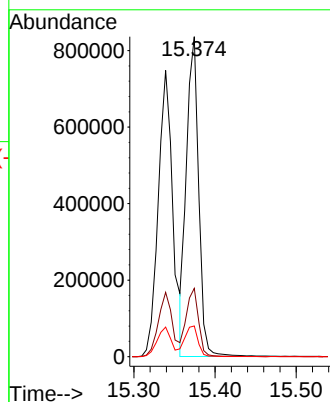
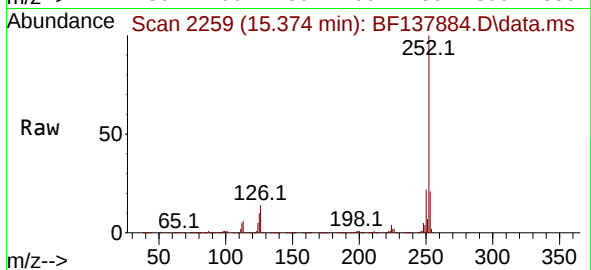
125 9.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#90

Benzo(a)pyrene

Concen: 47.781 ng

RT: 15.745 min Scan# 2322

Delta R.T. -0.012 min

Lab File: BF137884.D

Acq: 10 May 2024 16:51

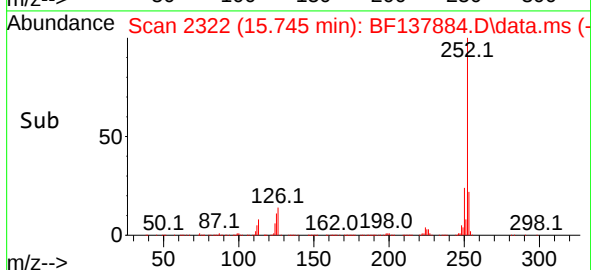
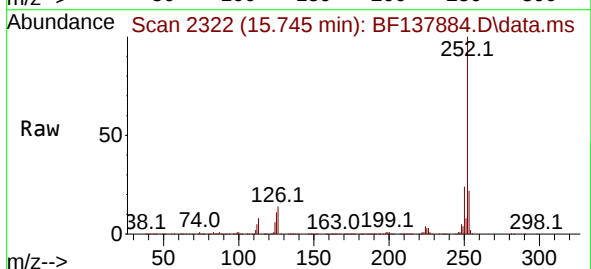
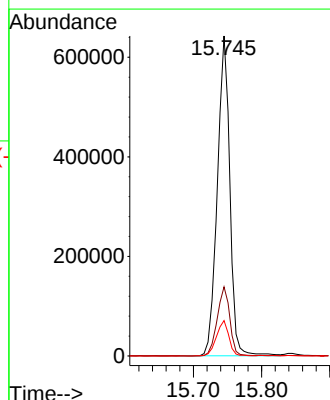
Tgt Ion:252 Resp: 821126

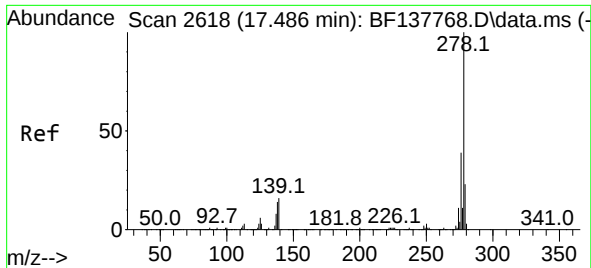
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

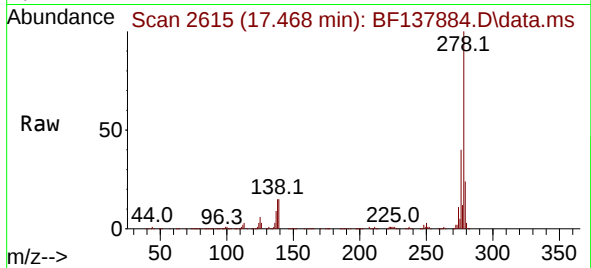
125 11.0 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 36.561 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.018 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

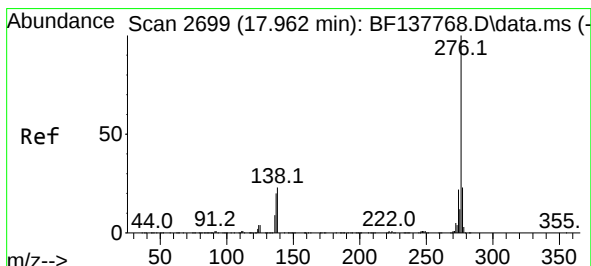
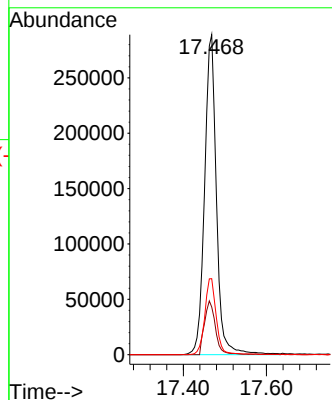
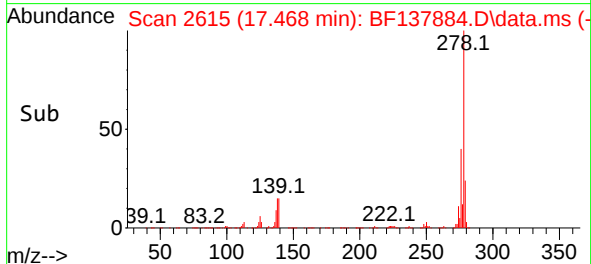
Instrument :
BNA_F
ClientSampleId :
B-02-011MS



Tgt Ion:278 Resp: 57282
Ion Ratio Lower Upper
278 100
139 14.9 13.0 19.6
279 23.7 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: 33.765 ng
RT: 17.945 min Scan# 2696
Delta R.T. -0.018 min
Lab File: BF137884.D
Acq: 10 May 2024 16:51

Tgt Ion:276 Resp: 554580
Ion Ratio Lower Upper
276 100
277 23.4 18.0 27.0
138 21.4 18.1 27.1

