

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
 Data File : BF137704.D
 Acq On : 23 Apr 2024 20:26
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 03:50:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:33:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.069	152	320651	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1240230	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	672195	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1110752	20.000	ng	0.00
76) Chrysene-d12	14.263	240	701743	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	580465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	2413913	114.356	ng	0.00
7) Phenol-d6	6.687	99	3055935	114.002	ng	0.01
23) Nitrobenzene-d5	7.639	82	2808266	120.197	ng	0.01
42) 2,4,6-Tribromophenol	10.910	330	794437	117.123	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	4636879	103.072	ng	0.00
79) Terphenyl-d14	13.198	244	5083050	116.588	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.999	88	569409	60.241	ng	99
3) Pyridine	3.763	79	1510187	59.977	ng	99
4) n-Nitrosodimethylamine	3.746	42	704747	59.972	ng	95
6) Aniline	6.740	93	1977636m	59.261	ng	
8) 2-Chlorophenol	6.857	128	1279994	58.089	ng	99
9) Benzaldehyde	6.622	77	759447	50.483	ng	97
10) Phenol	6.698	94	1546797	57.761	ng	95
11) bis(2-Chloroethyl)ether	6.804	93	1264618	57.897	ng	98
12) 1,3-Dichlorobenzene	7.010	146	1327279	57.438	ng	98
13) 1,4-Dichlorobenzene	7.087	146	1328433	57.102	ng	98
14) 1,2-Dichlorobenzene	7.239	146	1213453	56.035	ng	97
15) Benzyl Alcohol	7.204	79	1199519	59.818	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.334	45	1974672	58.785	ng	99
17) 2-Methylphenol	7.304	107	1157750	59.137	ng	100
18) Hexachloroethane	7.581	117	485488	58.963	ng	98
19) n-Nitroso-di-n-propyla...	7.487	70	991861	57.222	ng	100
20) 3+4-Methylphenols	7.463	107	1444828	57.141	ng	92
22) Acetophenone	7.481	105	1731306	57.074	ng	99
24) Nitrobenzene	7.657	77	1428108	60.501	ng	99
25) Isophorone	7.892	82	2616630	60.302	ng	99
26) 2-Nitrophenol	7.963	139	687000	66.321	ng	93
27) 2,4-Dimethylphenol	7.992	122	1227237	58.724	ng	99
28) bis(2-Chloroethoxy)met...	8.092	93	1561067	58.900	ng	99
29) 2,4-Dichlorophenol	8.204	162	1105727	60.371	ng	99
30) 1,2,4-Trichlorobenzene	8.287	180	1102594	59.062	ng	99
31) Naphthalene	8.375	128	3561980	56.282	ng	98
32) Benzoic acid	8.122	122	887485	67.069	ng	99
33) 4-Chloroaniline	8.416	127	1563915	58.381	ng	98
34) Hexachlorobutadiene	8.486	225	659089	58.891	ng	98
35) Caprolactam	8.810	113	359669m	60.739	ng	
36) 4-Chloro-3-methylphenol	8.892	107	1152596	59.333	ng	95
37) 2-Methylnaphthalene	9.063	142	2459719	56.625	ng	99
38) 1-Methylnaphthalene	9.169	142	2289967	56.385	ng	99
40) 1,2,4,5-Tetrachloroben...	9.228	216	1079291	58.567	ng	99
41) Hexachlorocyclopentadiene	9.216	237	678174	65.678	ng	99
43) 2,4,6-Trichlorophenol	9.339	196	781326	60.436	ng	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	891828	60.193	ng	99
46) 1,1'-Biphenyl	9.533	154	2734791	55.925	ng	99
47) 2-Chloronaphthalene	9.563	162	2187748	58.037	ng	99
48) 2-Nitroaniline	9.651	65	740135	64.434	ng	96
49) Acenaphthylene	9.980	152	3357204	57.110	ng	99
50) Dimethylphthalate	9.833	163	2709632	57.857	ng	99
51) 2,6-Dinitrotoluene	9.892	165	619470	62.778	ng	99
52) Acenaphthene	10.151	154	2191366	57.570	ng	100
53) 3-Nitroaniline	10.069	138	687504	61.998	ng	97
54) 2,4-Dinitrophenol	10.169	184	320064	62.373	ng	# 40
55) Dibenzofuran	10.322	168	3162656	56.682	ng	97
56) 4-Nitrophenol	10.210	139	534353	61.964	ng	97
57) 2,4-Dinitrotoluene	10.298	165	803462	64.587	ng	95
58) Fluorene	10.669	166	2413150	55.350	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.433	232	667870	58.215	ng	99
60) Diethylphthalate	10.528	149	2554578	56.711	ng	99
61) 4-Chlorophenyl-phenyle...	10.657	204	1216006	56.448	ng	95
62) 4-Nitroaniline	10.692	138	660983	62.580	ng	99
63) Azobenzene	10.816	77	2627134	56.915	ng	97
65) 4,6-Dinitro-2-methylph...	10.710	198	429950	67.510	ng	89
66) n-Nitrosodiphenylamine	10.775	169	2203719	58.578	ng	99
67) 4-Bromophenyl-phenylether	11.151	248	774375	60.165	ng	94
68) Hexachlorobenzene	11.216	284	752781	60.036	ng	95
69) Atrazine	11.298	200	562770	54.116	ng	99
70) Pentachlorophenol	11.404	266	573173	60.768	ng	98
71) Phenanthrene	11.639	178	3342221	56.842	ng	100
72) Anthracene	11.686	178	3415469	56.727	ng	99
73) Carbazole	11.839	167	3116079	57.108	ng	98
74) Di-n-butylphthalate	12.157	149	3738256	56.201	ng	99
75) Fluoranthene	12.827	202	3493824	56.532	ng	97
77) Benzidine	12.939	184	779604	47.565	ng	98
78) Pyrene	13.063	202	3509397	60.929	ng	98
80) Butylbenzylphthalate	13.669	149	1359682	66.567	ng	92
81) Benzo(a)anthracene	14.251	228	2931215	59.888	ng	100
82) 3,3'-Dichlorobenzidine	14.210	252	870016	57.450	ng	98
83) Chrysene	14.292	228	2692353	58.872	ng	99
84) Bis(2-ethylhexyl)phtha...	14.221	149	1957082	63.445	ng	100
85) Di-n-octyl phthalate	14.851	149	2870919	61.959	ng	100
87) Indeno(1,2,3-cd)pyrene	17.480	276	2088556	64.891	ng	99
88) Benzo(b)fluoranthene	15.363	252	2196970	59.146	ng	99
89) Benzo(k)fluoranthene	15.398	252	2218943	60.772	ng	99
90) Benzo(a)pyrene	15.768	252	2025282	60.781	ng	99
91) Dibenzo(a,h)anthracene	17.504	278	1731787	64.839	ng	100
92) Benzo(g,h,i)perylene	17.986	276	1726664	66.482	ng	99

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

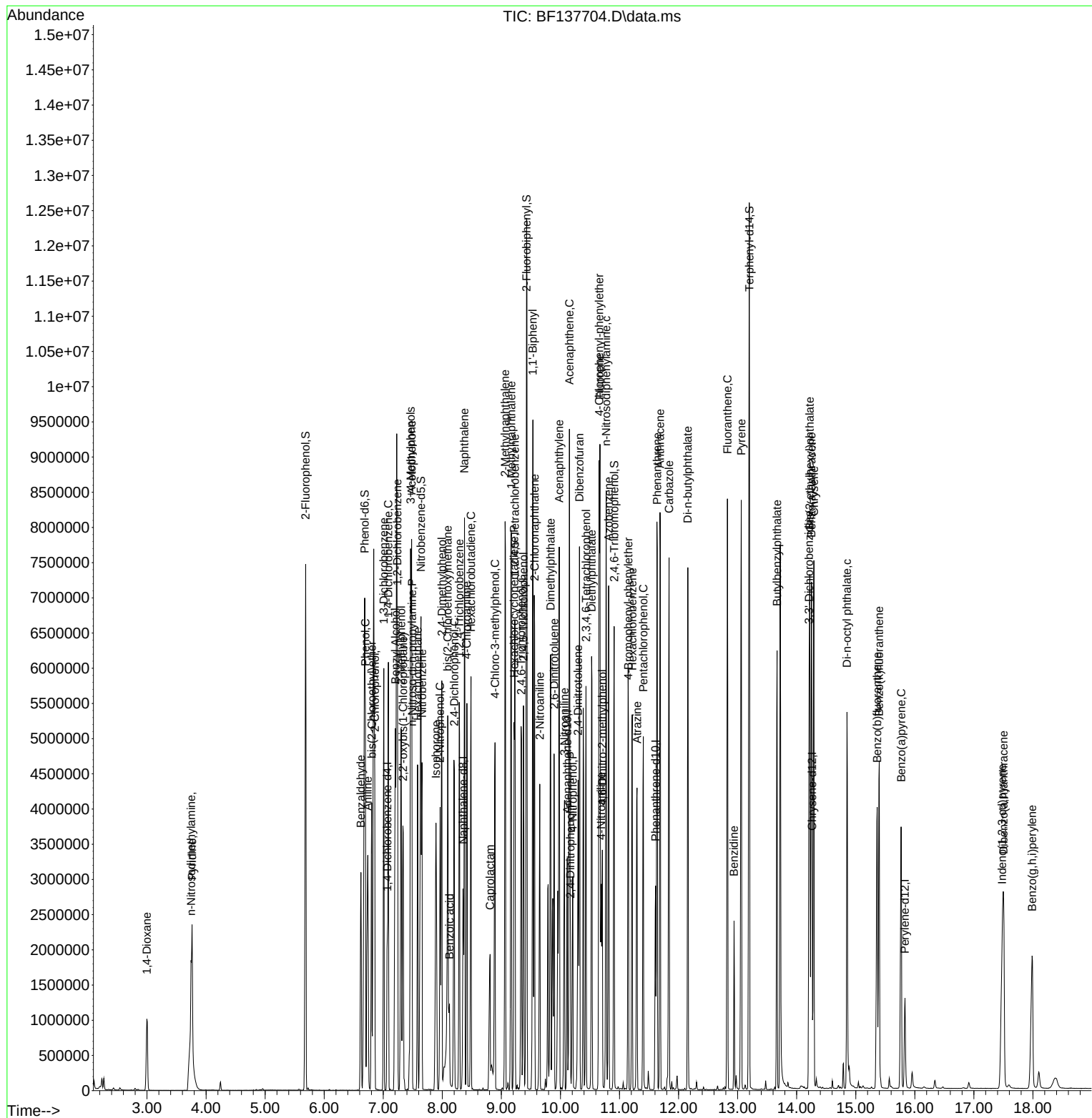
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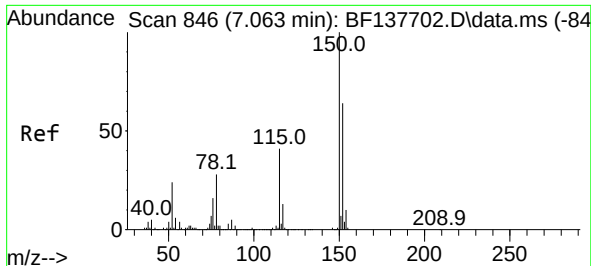
Instrument :
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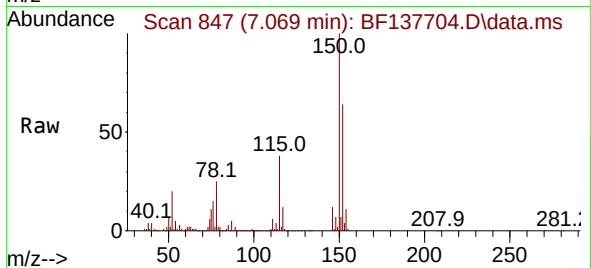
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.069 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

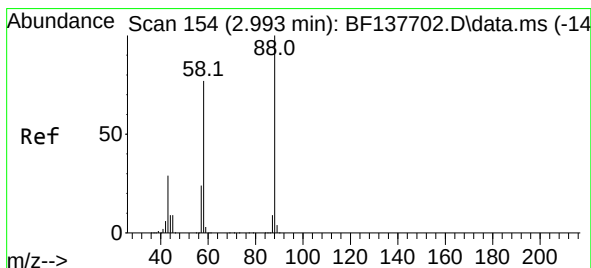
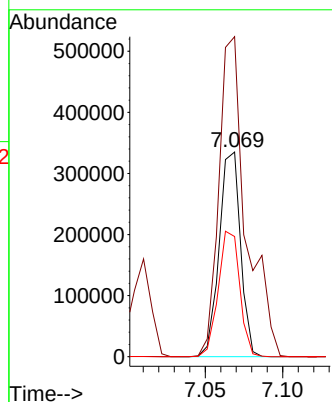
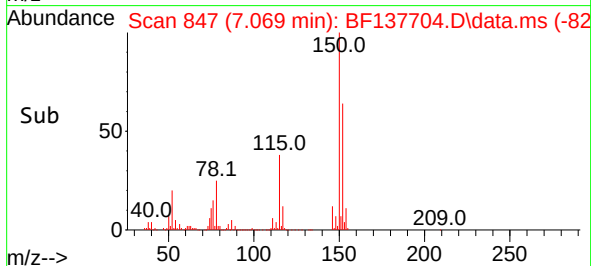
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 32065
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.4
115 58.7 50.8 76.2

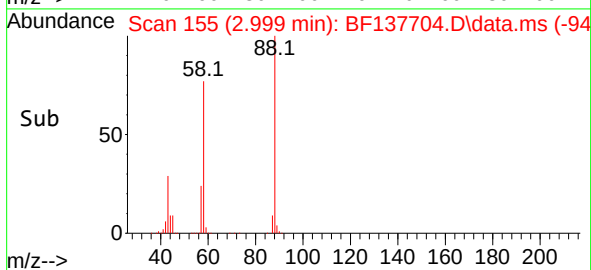
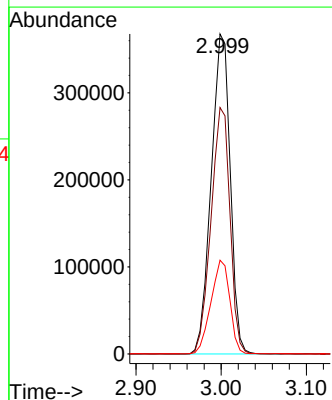
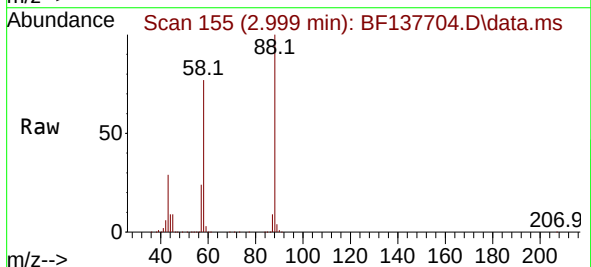
Manual Integrations
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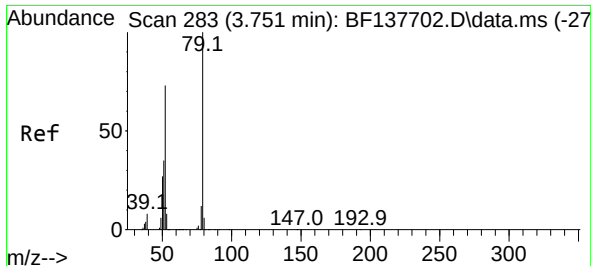
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#2
1,4-Dioxane
Concen: 60.241 ng
RT: 2.999 min Scan# 155
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

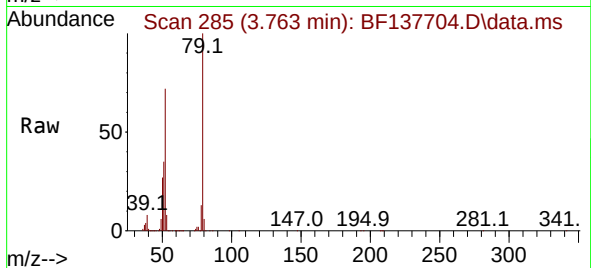
Tgt Ion: 88 Resp: 569409
Ion Ratio Lower Upper
88 100
58 76.8 62.4 93.6
43 29.1 23.7 35.5





#3
Pyridine
Concen: 59.977 ng
RT: 3.763 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

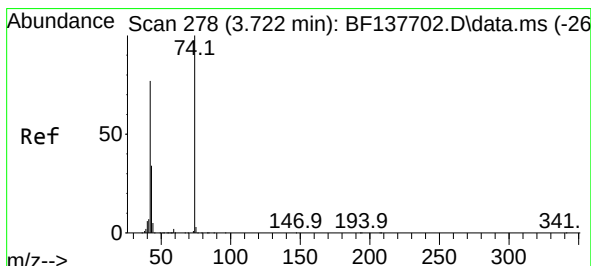
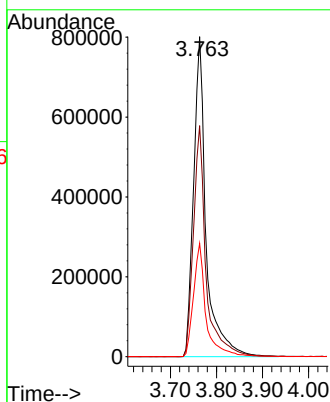
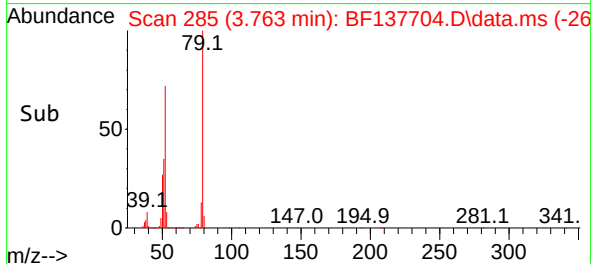
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 151018
Ion Ratio Lower Upper
79 100
52 72.2 58.0 87.0
51 35.4 27.9 41.9

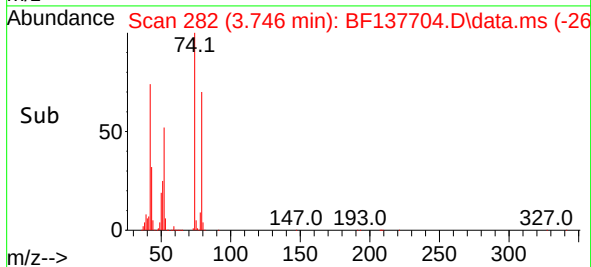
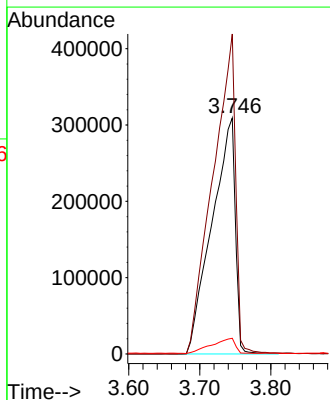
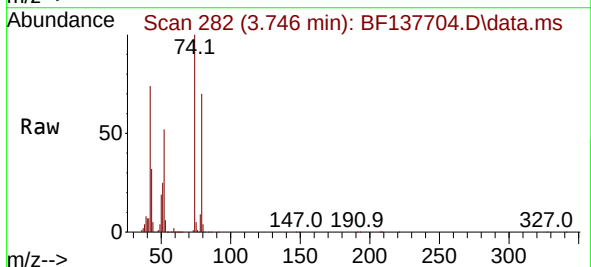
Manual Integrations
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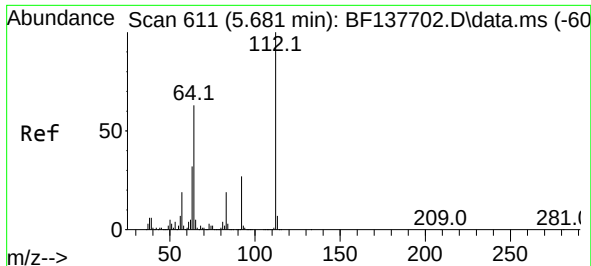
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#4
n-Nitrosodimethylamine
Concen: 59.972 ng
RT: 3.746 min Scan# 282
Delta R.T. 0.024 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion: 42 Resp: 704747
Ion Ratio Lower Upper
42 100
74 135.6 103.4 155.2
44 6.6 5.5 8.3





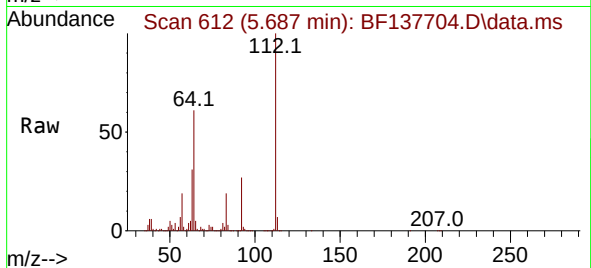
#5
2-Fluorophenol
Concen: 114.356 ng
RT: 5.687 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



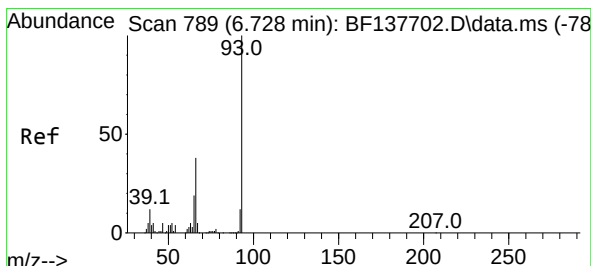
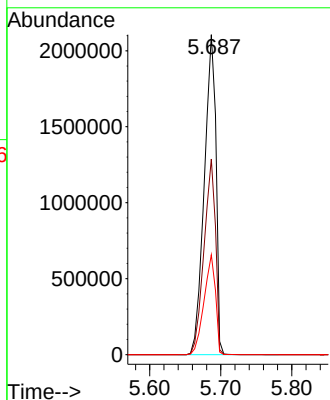
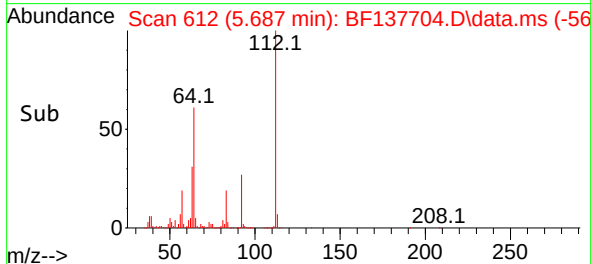
Tgt Ion: 112 Resp: 241391
Ion Ratio Lower Upper
112 100
64 61.1 50.1 75.1
63 31.2 25.2 37.8

Manual Integrations

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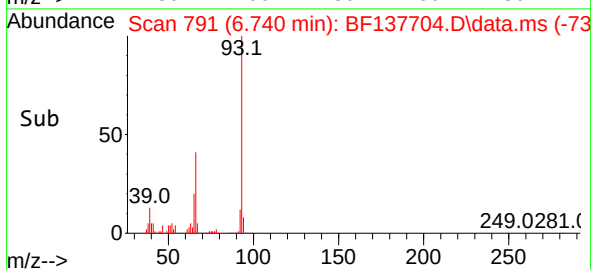
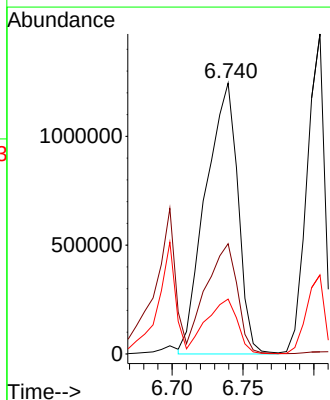
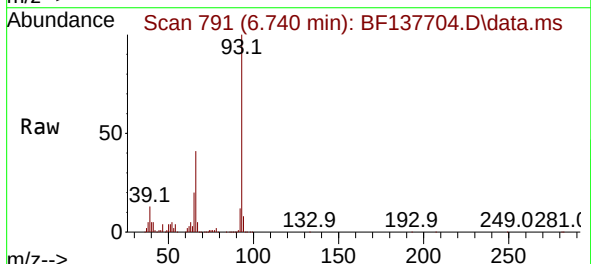
Reviewed By :Yogesh Patel 04/26/2024

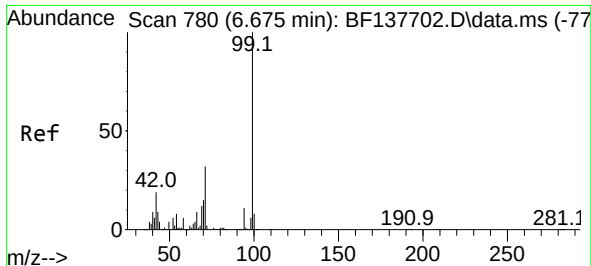
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 59.261 ng m
RT: 6.740 min Scan# 791
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

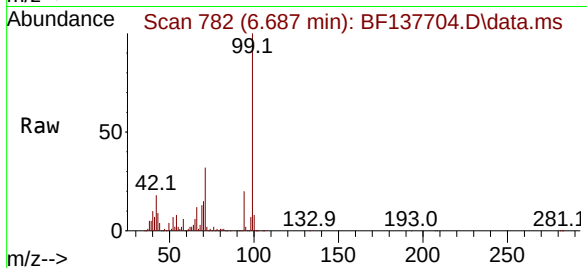
Tgt Ion: 93 Resp: 1977636
Ion Ratio Lower Upper
93 100
66 40.7 32.1 48.1
65 20.3 16.4 24.6





#7
Phenol-d6
Concen: 114.002 ng
RT: 6.687 min Scan# 780
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

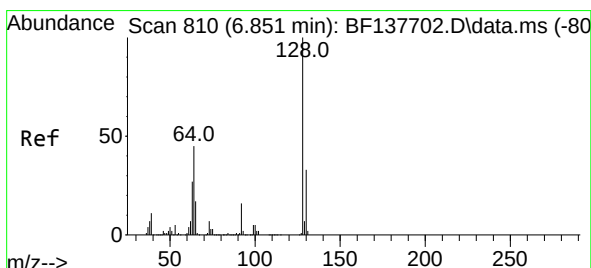
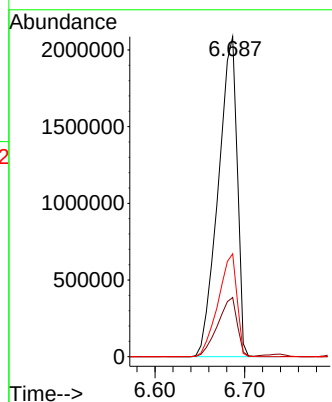
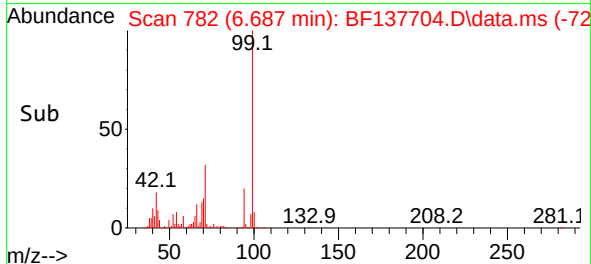
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 3055938
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 32.2 25.7 38.5

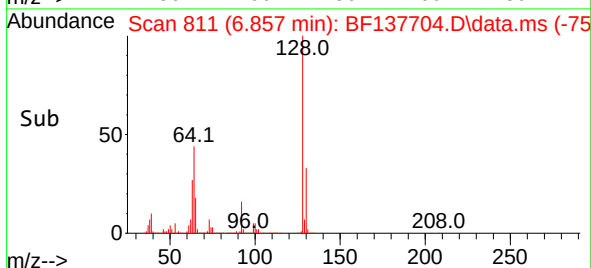
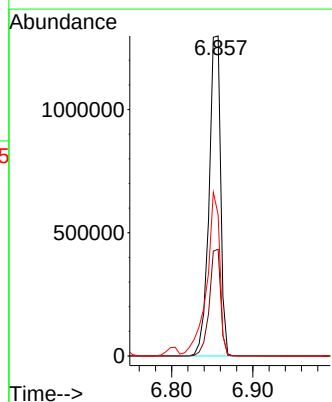
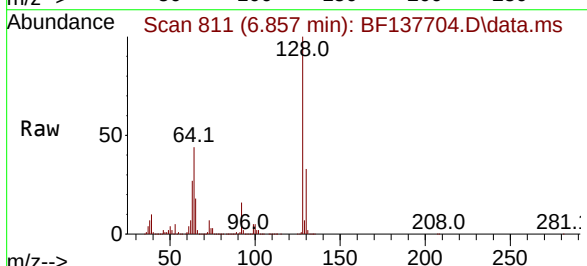
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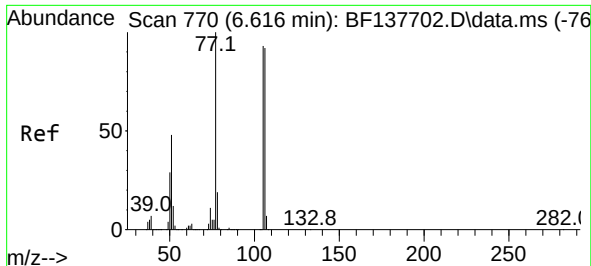
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#8
2-Chlorophenol
Concen: 58.089 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

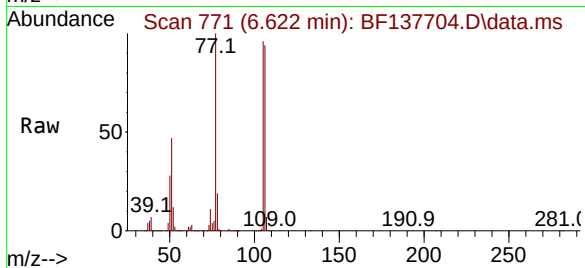
Tgt Ion:128 Resp: 1279994
Ion Ratio Lower Upper
128 100
130 33.3 13.2 53.2
64 44.1 24.7 64.7





#9
Benzaldehyde
Concen: 50.483 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

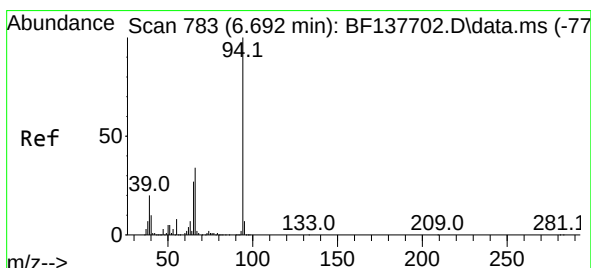
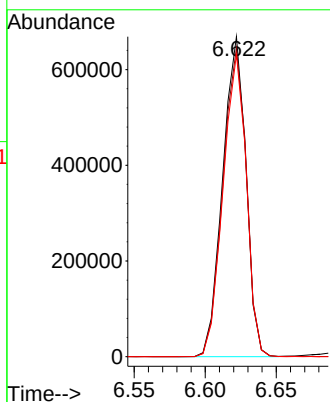
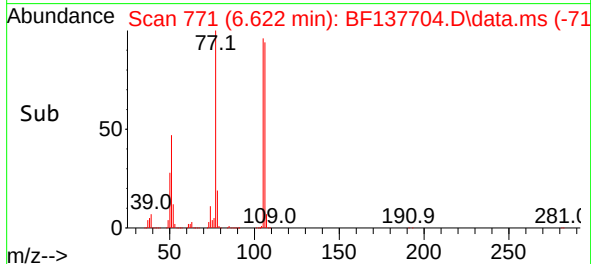
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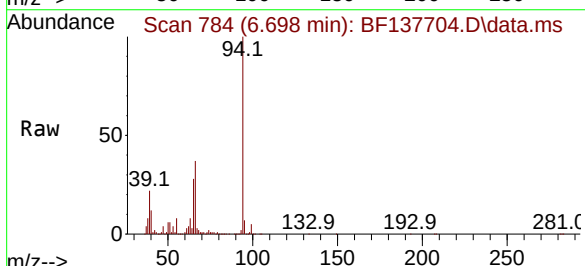
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Ion Ratio Lower Upper
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105 96.5 73.3 113.3
106 94.5 72.1 112.1

Manual Integrations
APPROVED

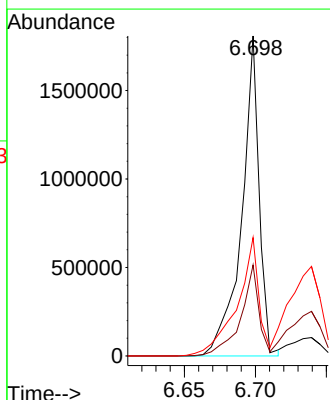
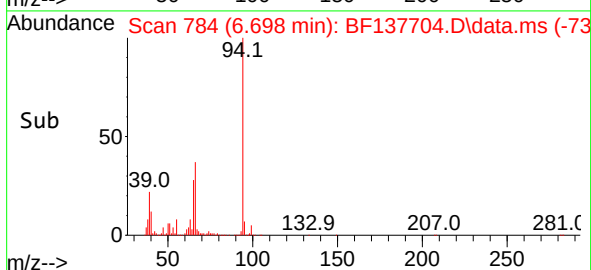
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

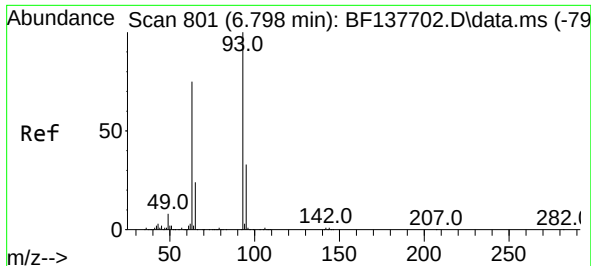


#10
Phenol
Concen: 57.761 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion: 94 Resp: 1546797
Ion Ratio Lower Upper
94 100
65 28.4 6.5 46.5
66 37.0 13.9 53.9





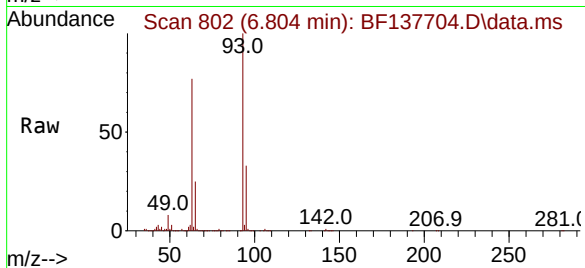
#11
bis(2-Chloroethyl)ether
Concen: 57.897 ng
RT: 6.804 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



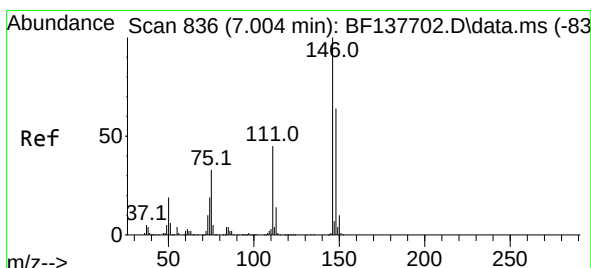
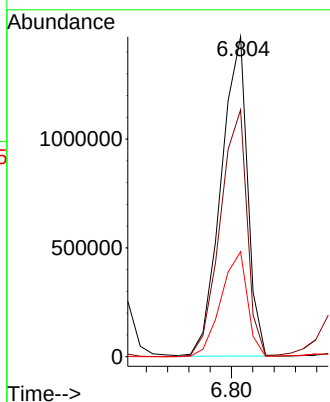
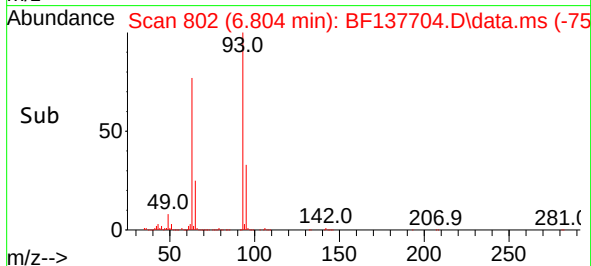
Tgt Ion: 93 Resp: 1264618
Ion Ratio Lower Upper
93 100
63 77.2 54.8 94.8
95 32.8 13.2 53.2

Manual Integrations

APPROVED

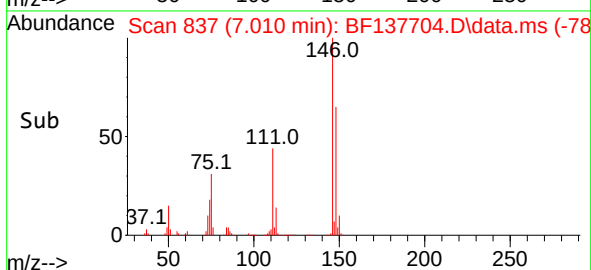
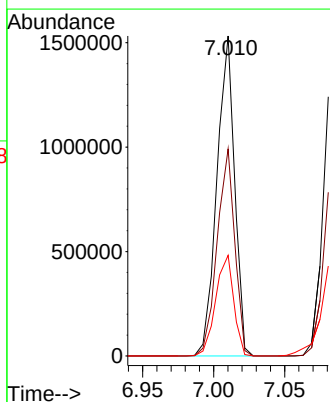
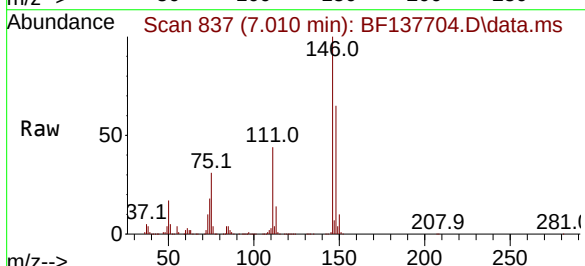
Reviewed By :Yogesh Patel 04/26/2024

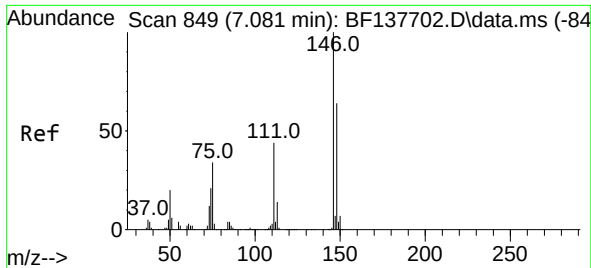
Supervised By :mohammad ahmed 04/27/2024



#12
1,3-Dichlorobenzene
Concen: 57.438 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

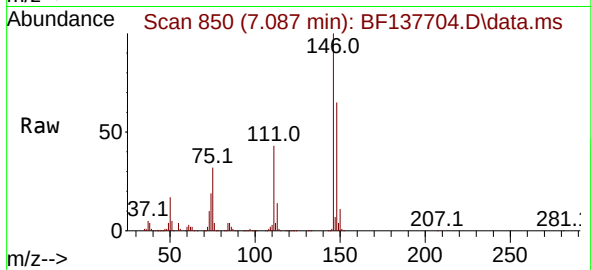
Tgt Ion:146 Resp: 1327279
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
75 31.4 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 57.102 ng
RT: 7.087 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

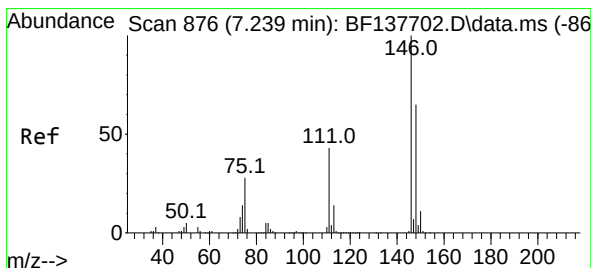
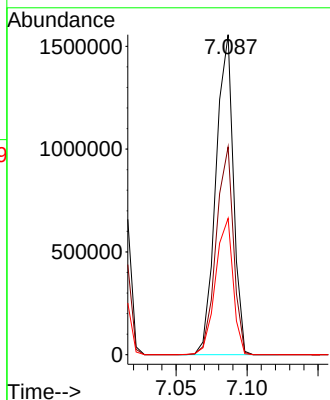
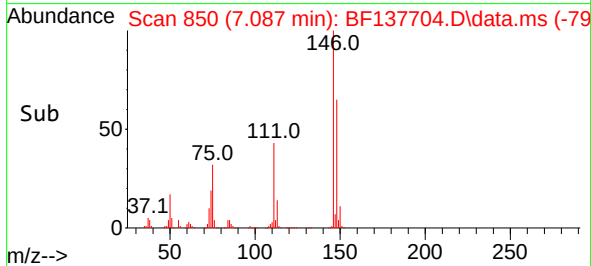
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:146 Resp: 1328433
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
111 42.6 35.0 52.6

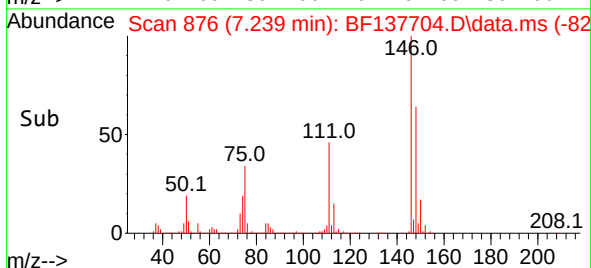
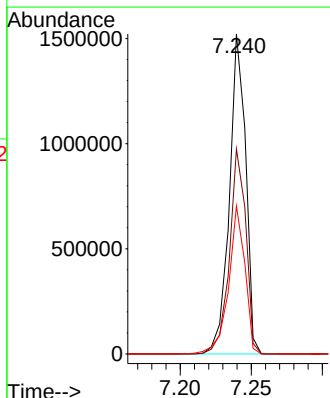
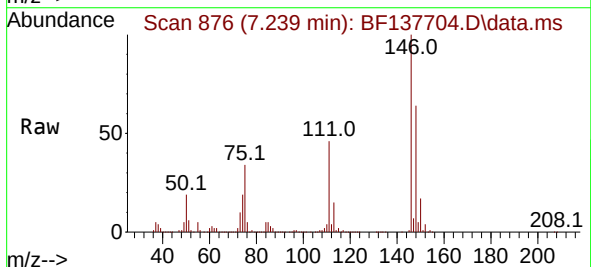
Manual Integrations
APPROVED

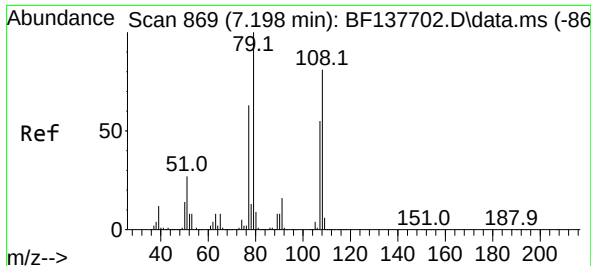
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#14
1,2-Dichlorobenzene
Concen: 56.035 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion:146 Resp: 1213453
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
111 46.2 34.5 51.7





#15
Benzyl Alcohol
Concen: 59.818 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

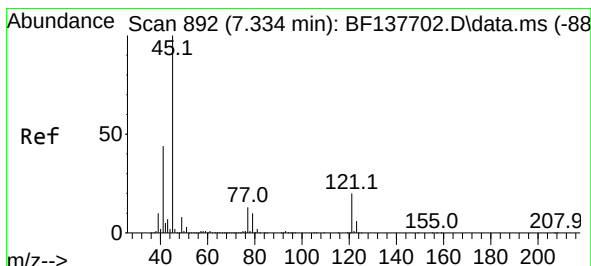
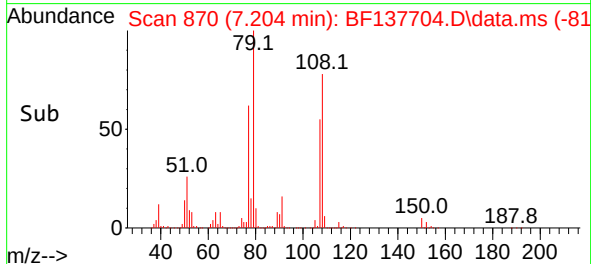
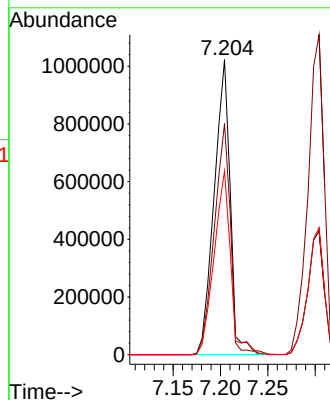
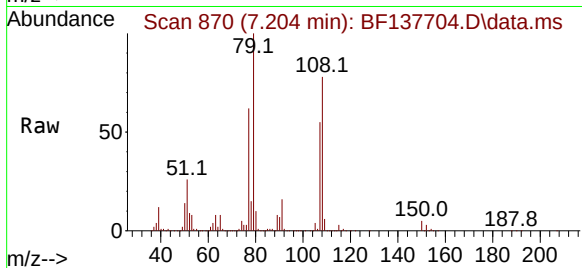
SSTDICC060

Tgt Ion: 79 Resp: 1199519
Ion Ratio Lower Upper
79 100
108 78.4 64.8 97.2
77 62.2 50.3 75.5

Manual Integrations

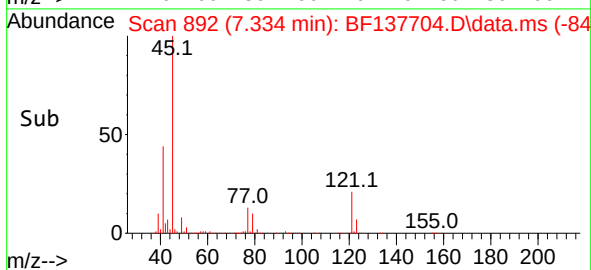
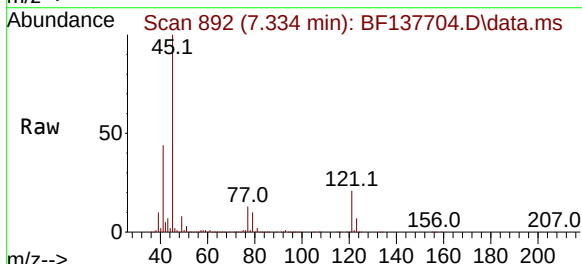
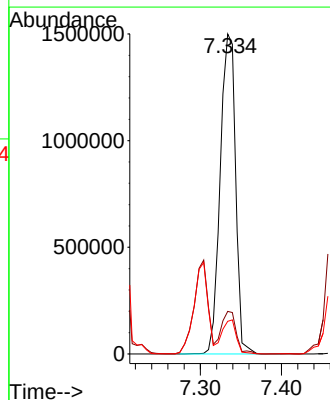
APPROVED

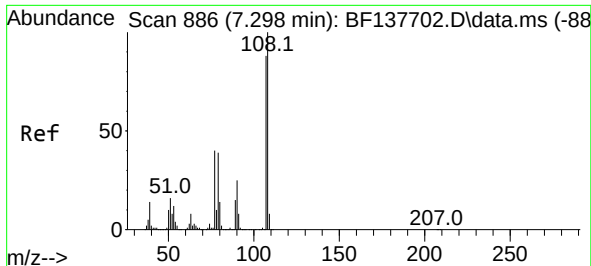
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.785 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion: 45 Resp: 1974672
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.8
79 10.2 0.0 30.1





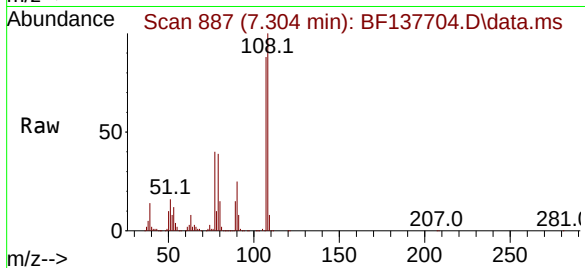
#17
2-Methylphenol
Concen: 59.137 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



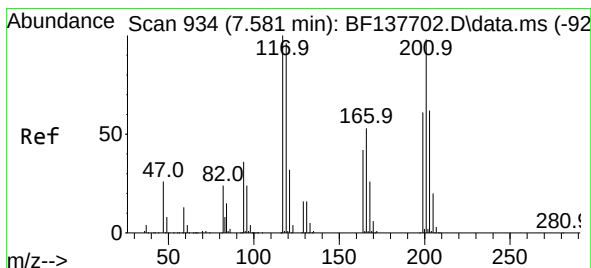
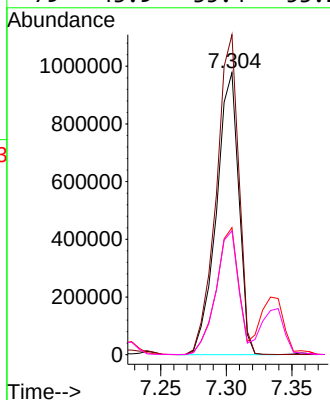
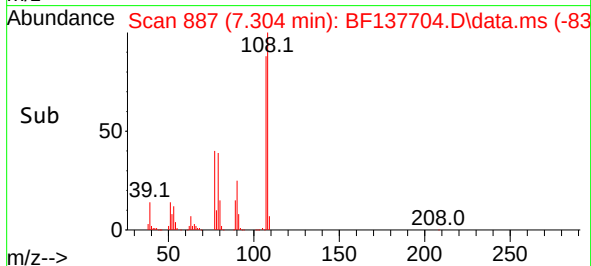
Tgt Ion:107 Resp: 1157750
Ion Ratio Lower Upper
107 100
108 113.4 90.6 135.8
77 45.0 35.8 53.8
79 43.9 35.4 53.2

Manual Integrations

APPROVED

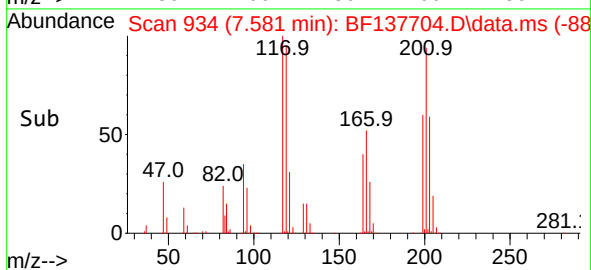
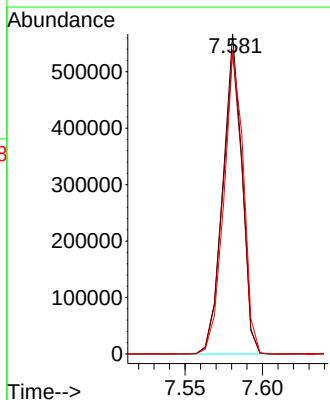
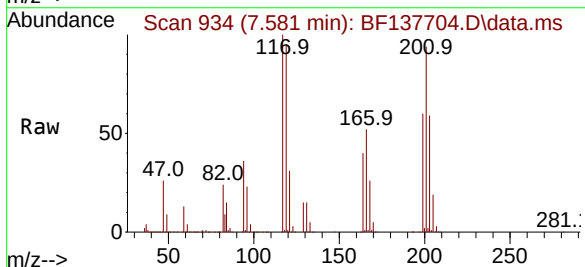
Reviewed By :Yogesh Patel 04/26/2024

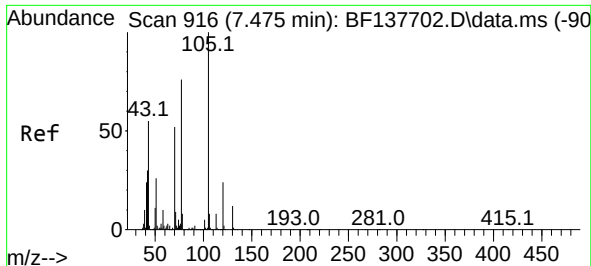
Supervised By :mohammad ahmed 04/27/2024



#18
Hexachloroethane
Concen: 58.963 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion:117 Resp: 485488
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7
201 94.3 78.1 117.1





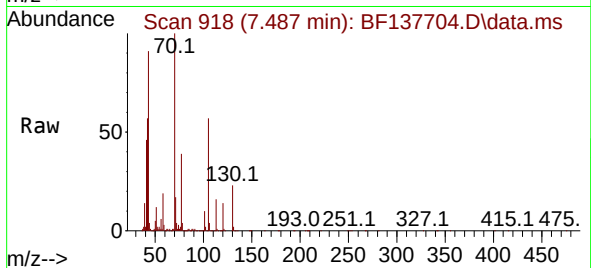
#19
n-Nitroso-di-n-propylamine
Concen: 57.222 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



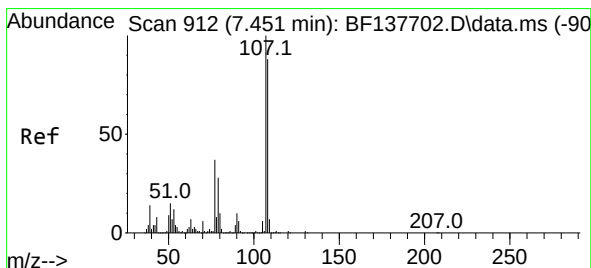
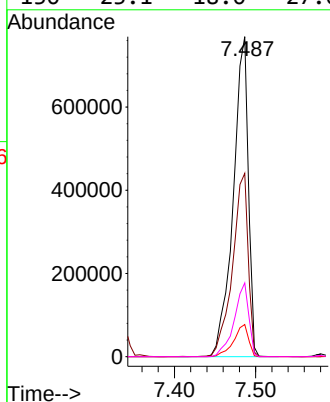
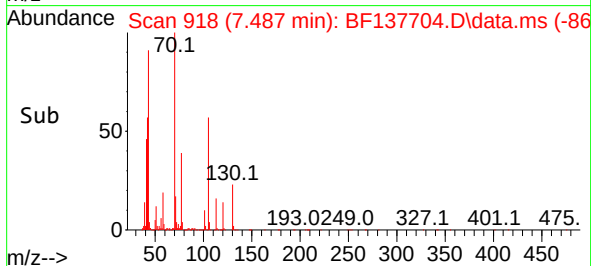
Tgt Ion: 70 Resp: 99186
Ion Ratio Lower Upper
70 100
42 57.3 45.9 68.9
101 10.1 8.0 12.0
130 23.1 18.0 27.0

Manual Integrations

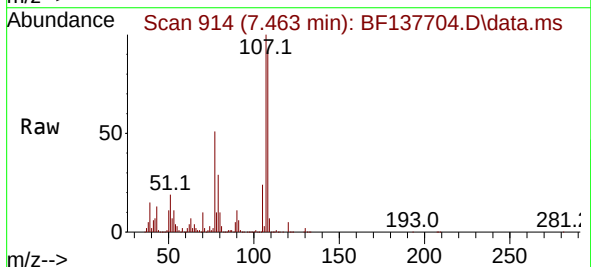
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

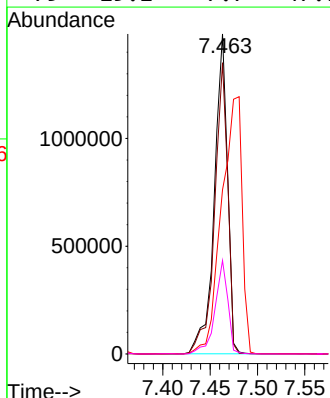
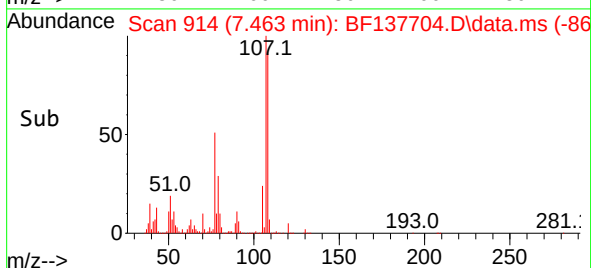
Supervised By :mohammad ahmed 04/27/2024

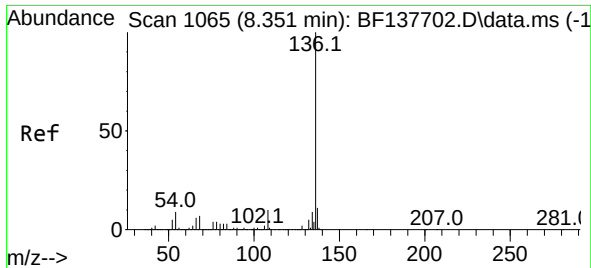


#20
3+4-Methylphenols
Concen: 57.141 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:107 Resp: 1444828
Ion Ratio Lower Upper
107 100
108 91.0 68.2 108.2
77 51.3 16.8 56.8
79 29.2 7.7 47.7





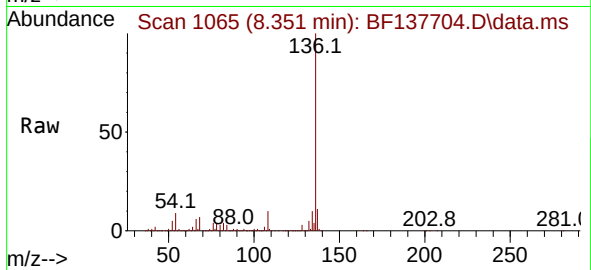
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.351 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



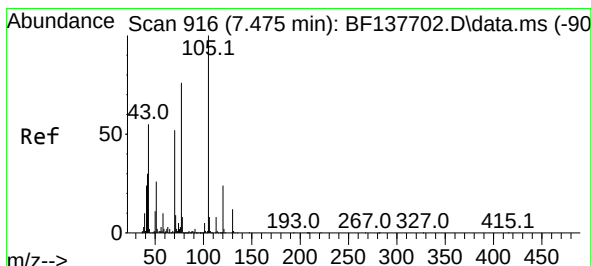
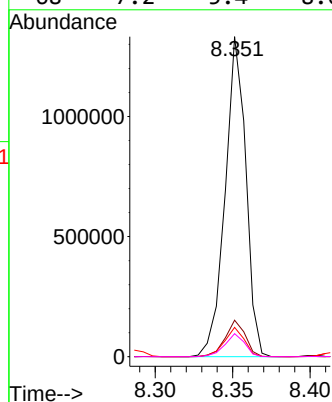
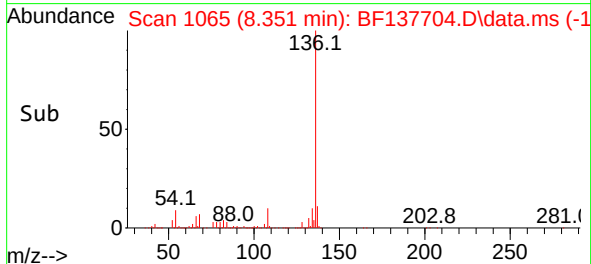
Tgt Ion:136 Resp: 1240230
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.2 6.9 10.3
68 7.2 5.4 8.0

Manual Integrations

APPROVED

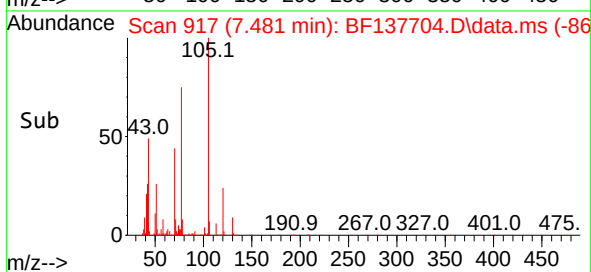
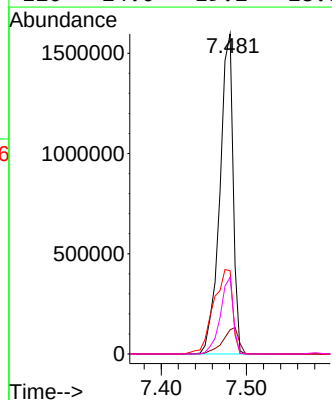
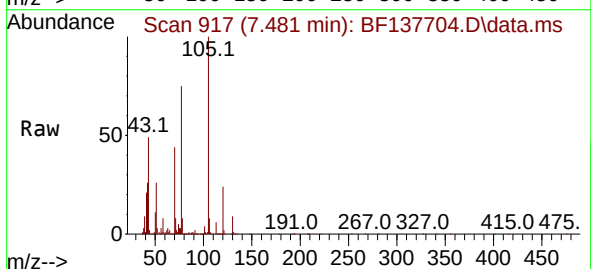
Reviewed By :Yogesh Patel 04/26/2024

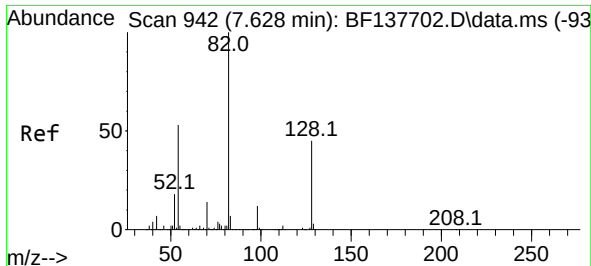
Supervised By :mohammad ahmed 04/27/2024



#22
Acetophenone
Concen: 57.074 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion:105 Resp: 1731306
Ion Ratio Lower Upper
105 100
71 7.6 7.0 10.6
51 26.0 20.5 30.7
120 24.0 19.2 28.8





#23

Nitrobenzene-d5

Concen: 120.197 ng

RT: 7.639 min Scan# 944

Delta R.T. 0.012 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 280826

Ion Ratio Lower Upper

82 100

128 48.6 35.8 53.6

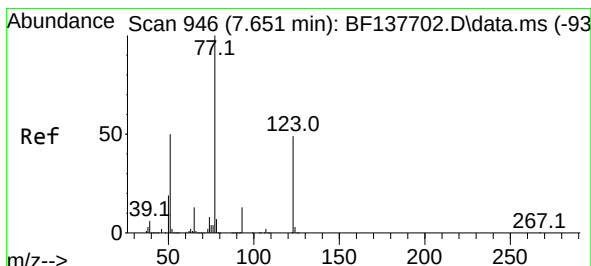
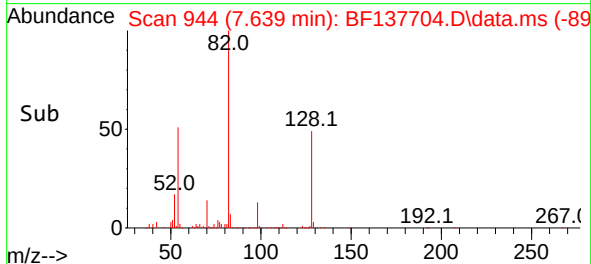
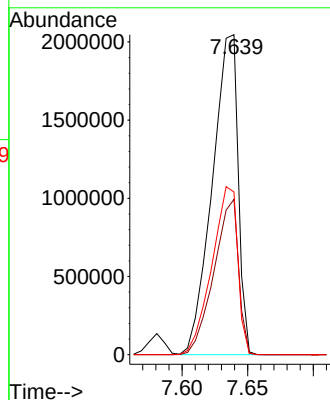
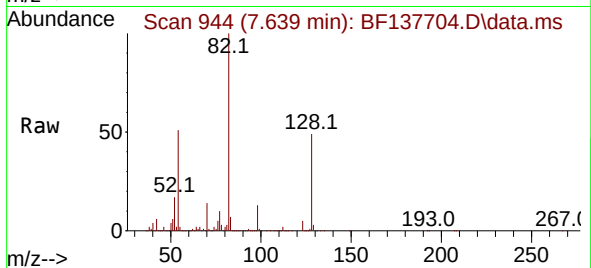
54 50.8 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#24

Nitrobenzene

Concen: 60.501 ng

RT: 7.657 min Scan# 947

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

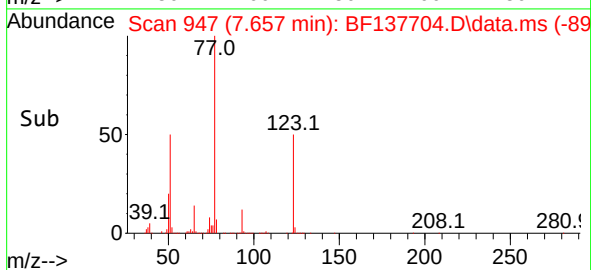
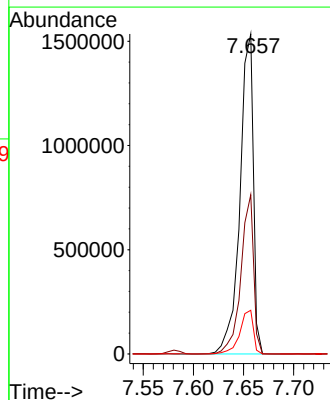
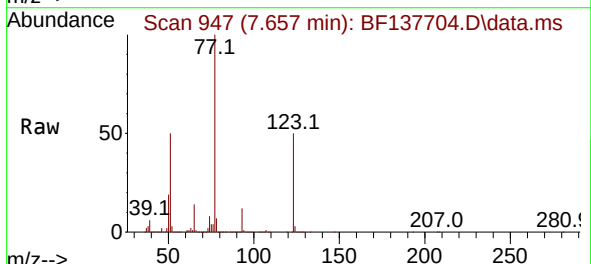
Tgt Ion: 77 Resp: 1428108

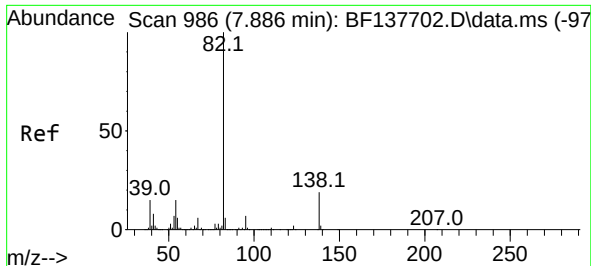
Ion Ratio Lower Upper

77 100

123 49.7 40.4 60.6

65 13.7 10.7 16.1





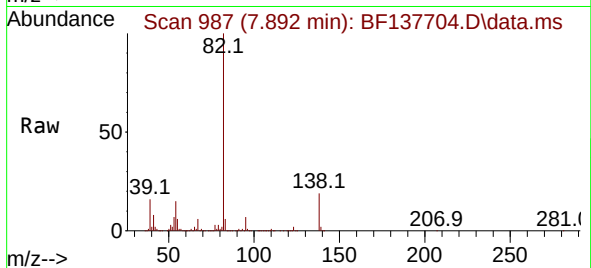
#25
Isophorone
Concen: 60.302 ng
RT: 7.892 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



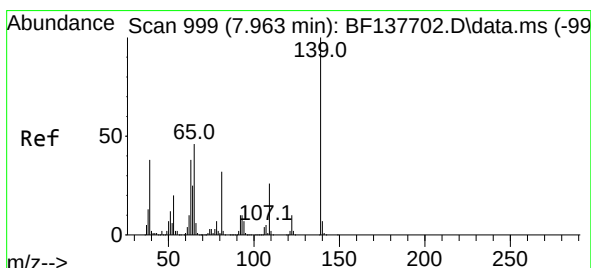
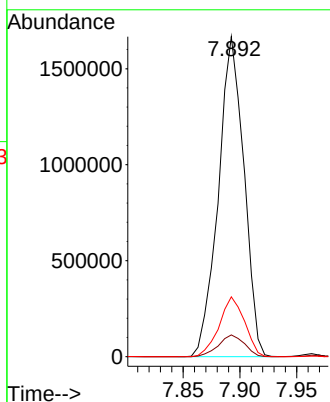
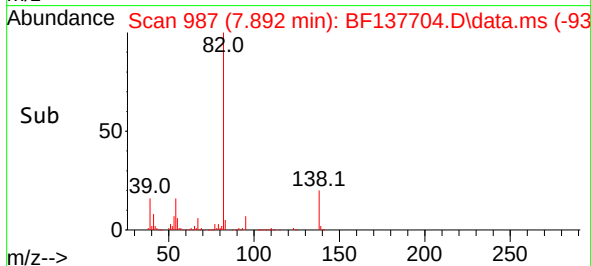
Tgt Ion: 82 Resp: 2616630
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.7 15.3 22.9

Manual Integrations

APPROVED

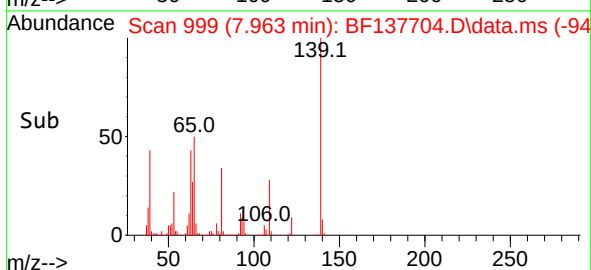
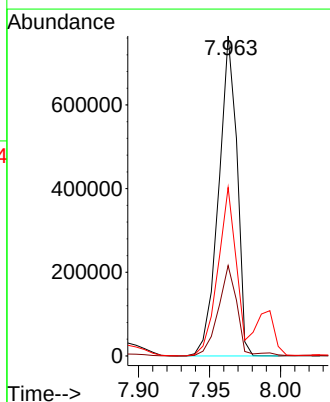
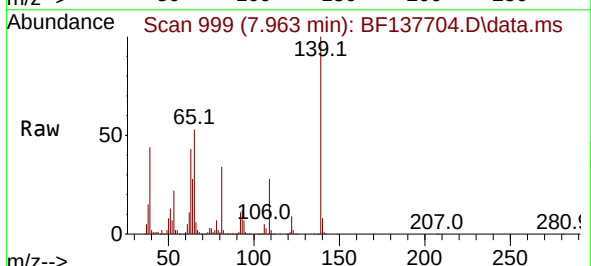
Reviewed By :Yogesh Patel 04/26/2024

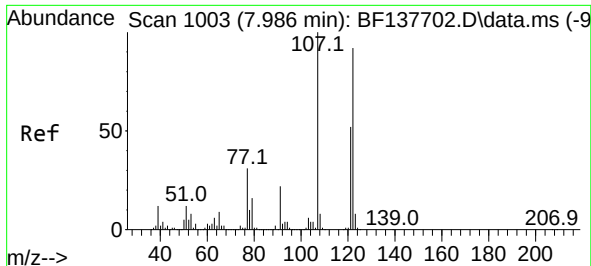
Supervised By :mohammad ahmed 04/27/2024



#26
2-Nitrophenol
Concen: 66.321 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion:139 Resp: 687000
Ion Ratio Lower Upper
139 100
109 28.3 21.1 31.7
65 52.7 37.1 55.7





#27

2,4-Dimethylphenol

Concen: 58.724 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF137704.D

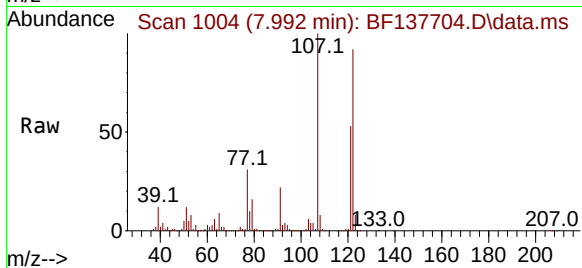
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:122 Resp: 122723

Ion Ratio Lower Upper

122 100

107 108.6 87.2 130.8

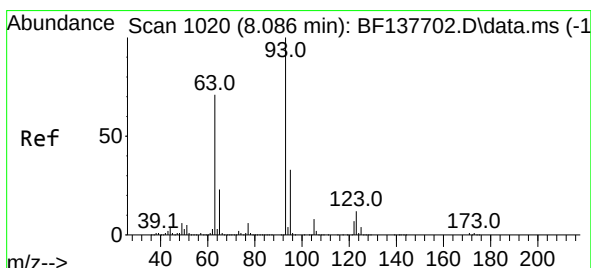
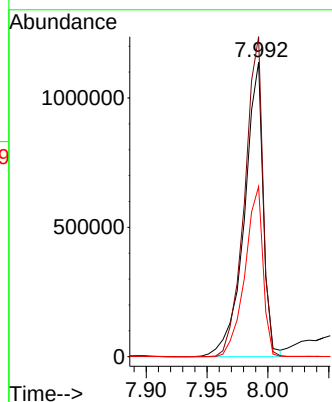
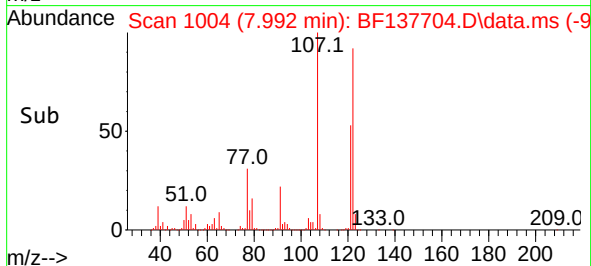
121 57.8 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 58.900 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

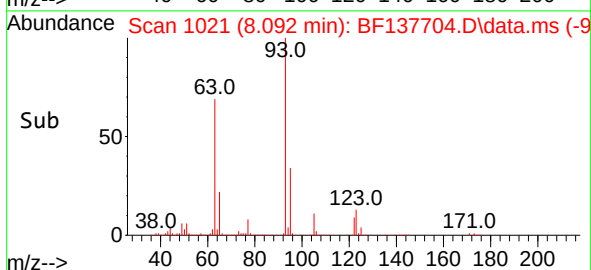
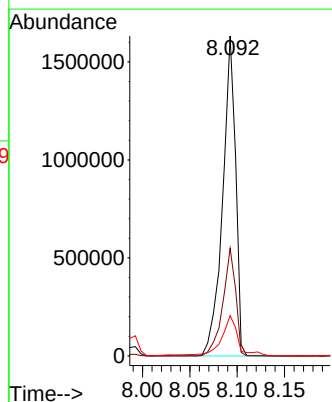
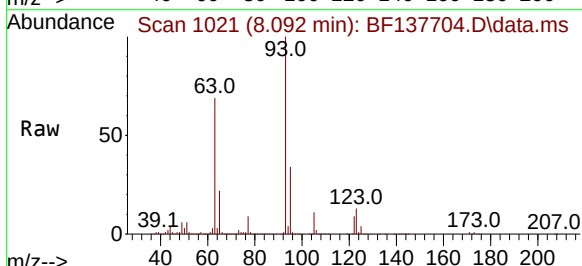
Tgt Ion: 93 Resp: 1561067

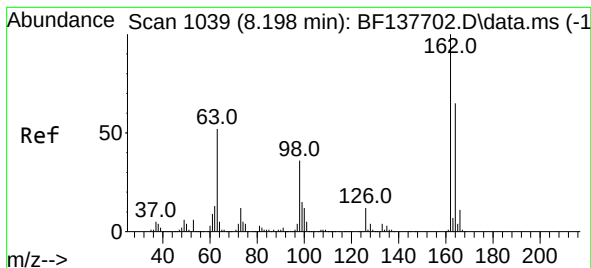
Ion Ratio Lower Upper

93 100

95 33.7 26.5 39.7

123 12.6 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 60.371 ng

RT: 8.204 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 110572

Ion Ratio Lower Upper

162 100

164 65.4 45.2 85.2

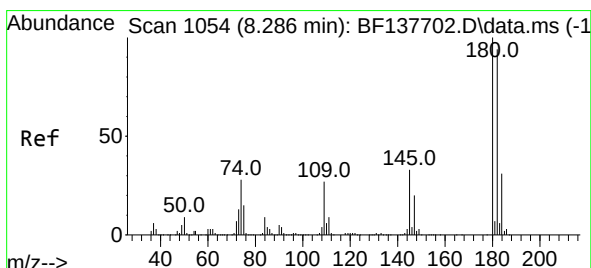
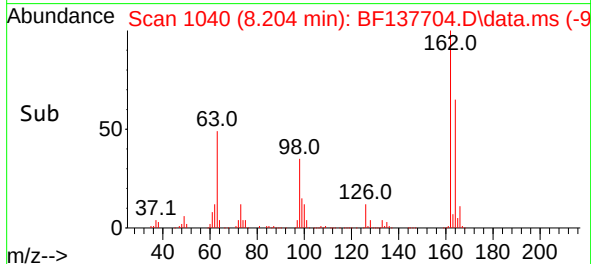
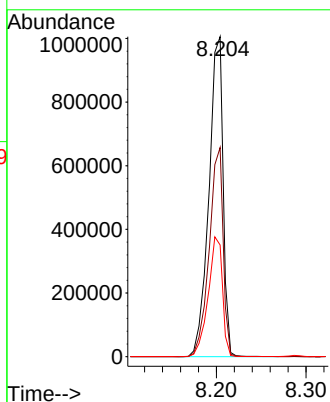
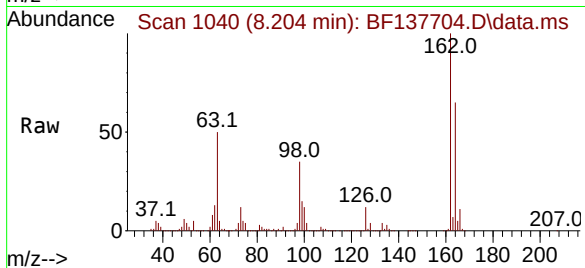
98 34.9 15.7 55.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 59.062 ng

RT: 8.287 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

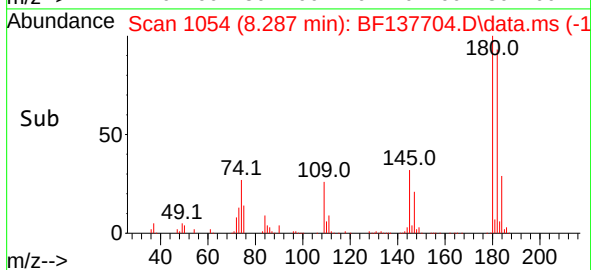
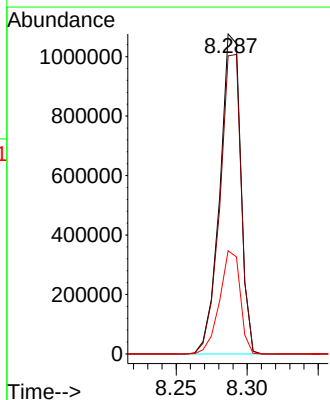
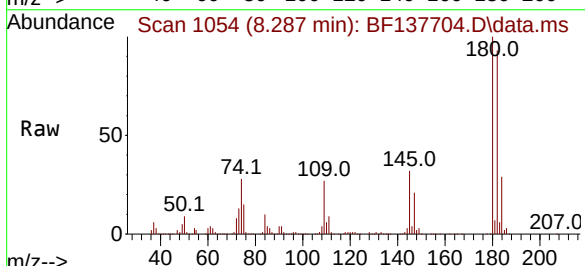
Tgt Ion:180 Resp: 1102594

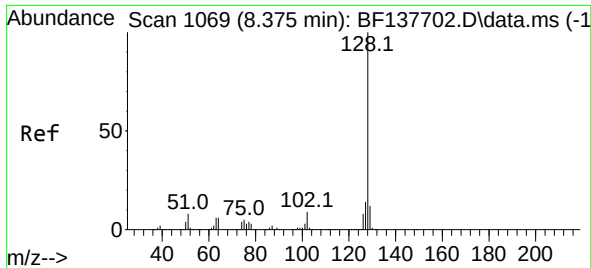
Ion Ratio Lower Upper

180 100

182 93.2 75.4 113.2

145 32.2 26.3 39.5





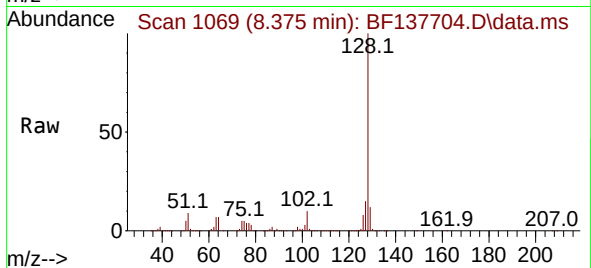
#31
Naphthalene
Concen: 56.282 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



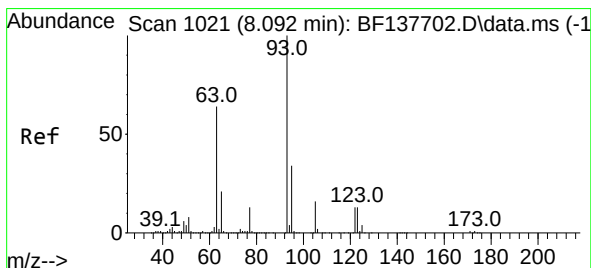
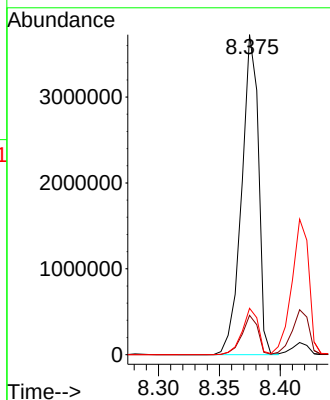
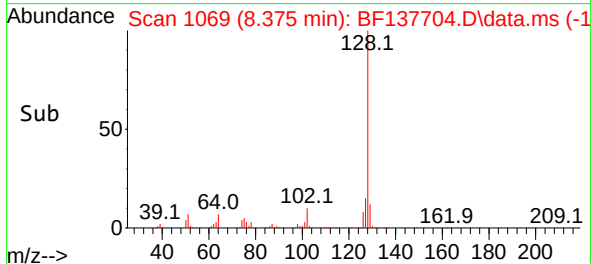
Tgt Ion:128 Resp: 3561980
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 14.5 11.0 16.6

Manual Integrations

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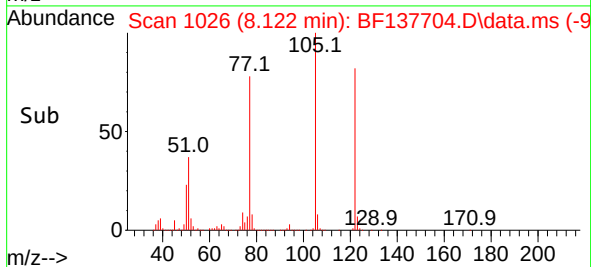
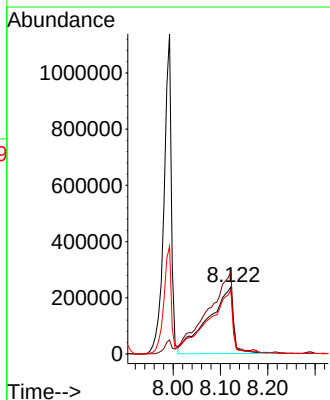
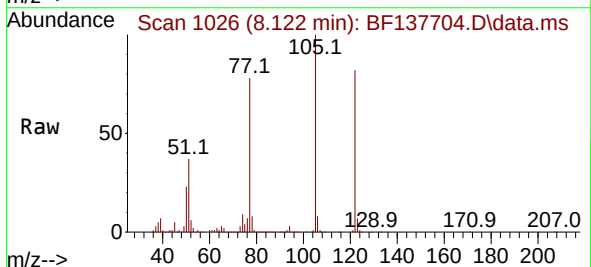
Reviewed By :Yogesh Patel 04/26/2024

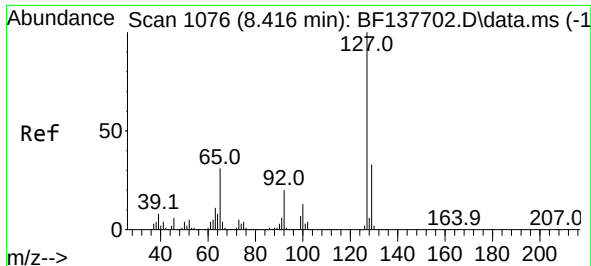
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 67.069 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.030 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion:122 Resp: 887485
Ion Ratio Lower Upper
122 100
105 122.5 101.1 141.1
77 95.2 75.7 115.7





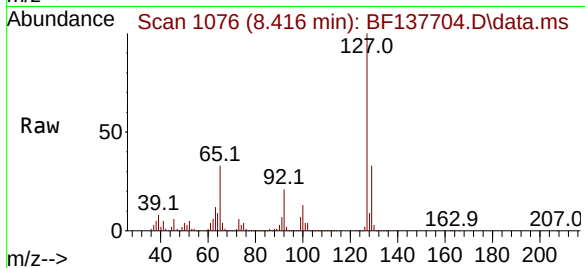
#33
4-Chloroaniline
Concen: 58.381 ng
RT: 8.416 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



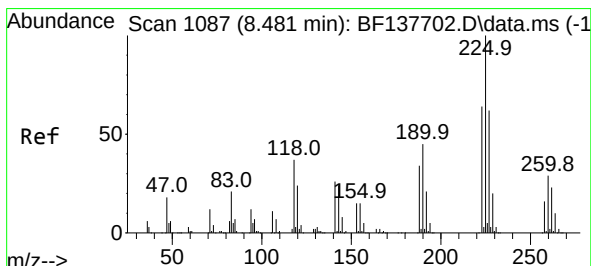
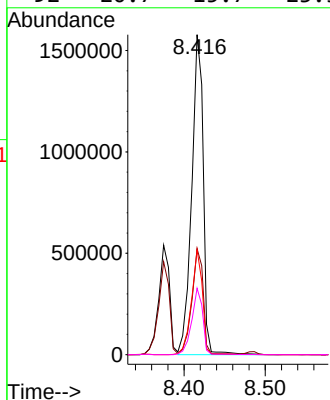
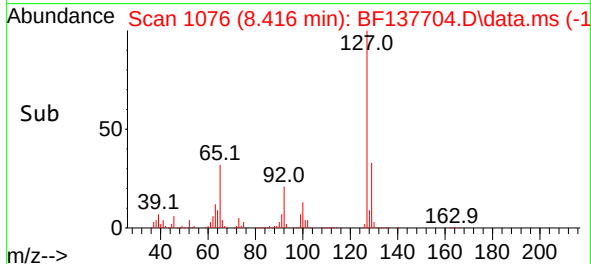
Tgt Ion:127 Resp: 1563915
Ion Ratio Lower Upper
127 100
129 33.1 26.4 39.6
65 32.8 24.6 36.8
92 20.7 15.7 23.5

Manual Integrations

APPROVED

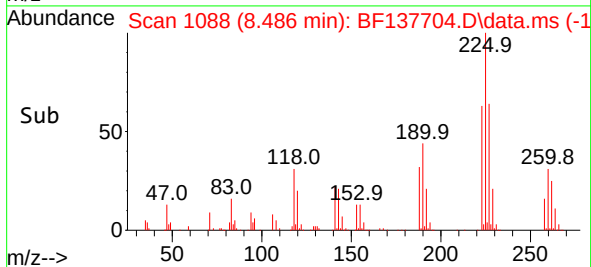
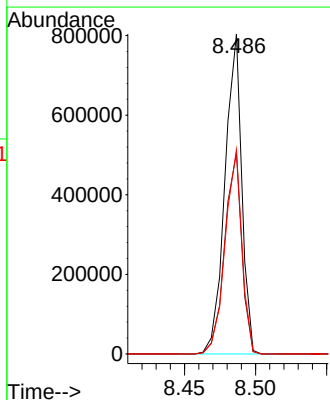
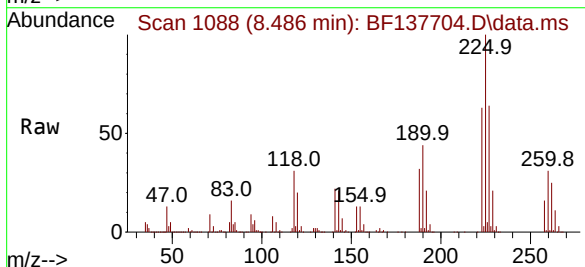
Reviewed By :Yogesh Patel 04/26/2024

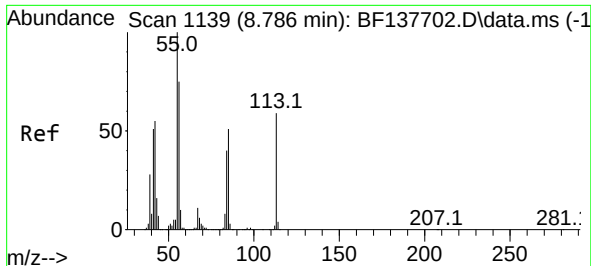
Supervised By :mohammad ahmed 04/27/2024



#34
Hexachlorobutadiene
Concen: 58.891 ng
RT: 8.486 min Scan# 1088
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

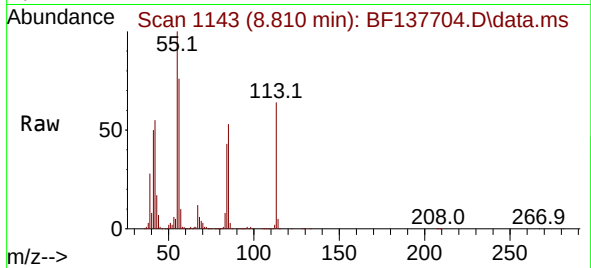
Tgt Ion:225 Resp: 659089
Ion Ratio Lower Upper
225 100
223 62.7 51.4 77.0
227 63.9 49.4 74.2





#35
Caprolactam
Concen: 60.739 ng m
RT: 8.810 min Scan# 1143
Delta R.T. 0.024 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

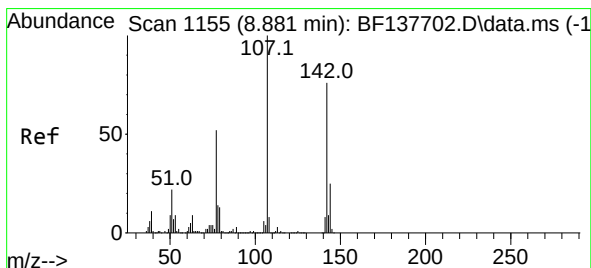
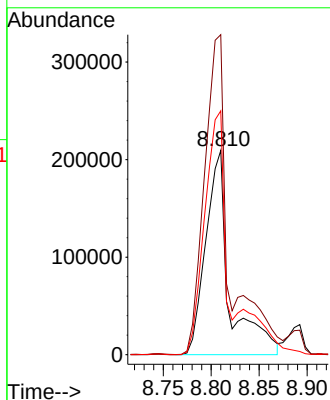
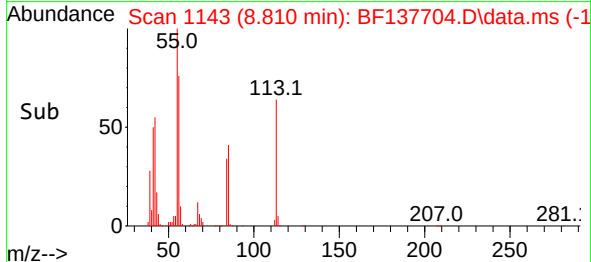
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 359669
Ion Ratio Lower Upper
113 100
55 156.7 148.7 188.7
56 119.4 107.2 147.2

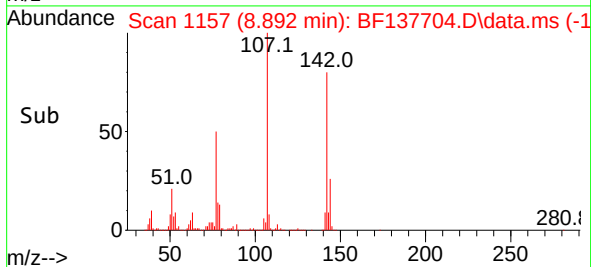
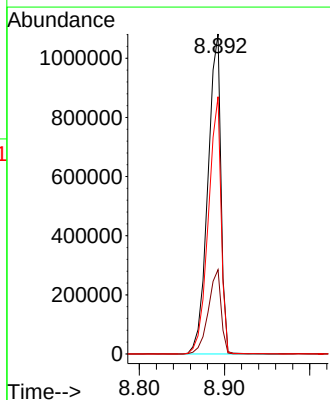
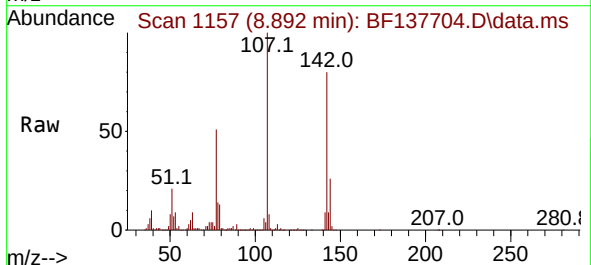
Manual Integrations
APPROVED

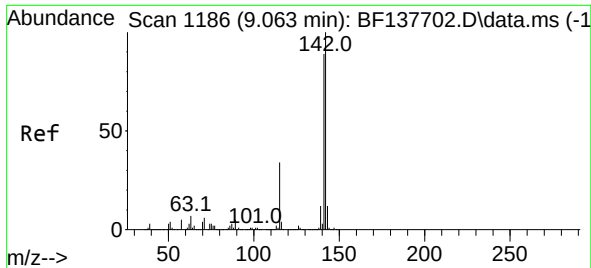
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#36
4-Chloro-3-methylphenol
Concen: 59.333 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion:107 Resp: 1152596
Ion Ratio Lower Upper
107 100
144 26.3 19.8 29.8
142 80.4 60.5 90.7





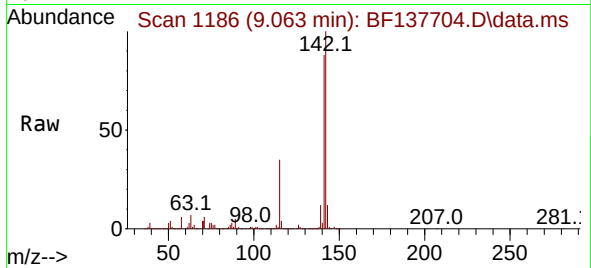
#37
2-Methylnaphthalene
Concen: 56.625 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



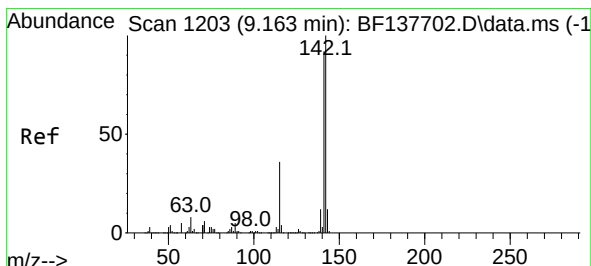
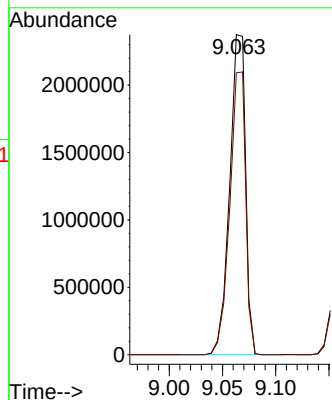
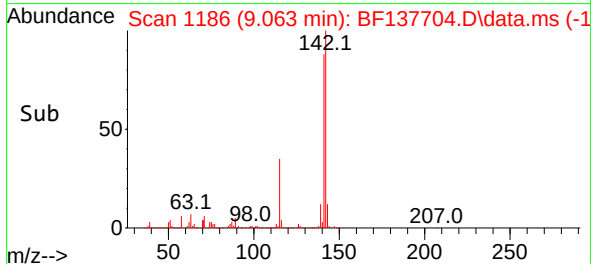
Tgt Ion:142 Resp: 2459719
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8

Manual Integrations

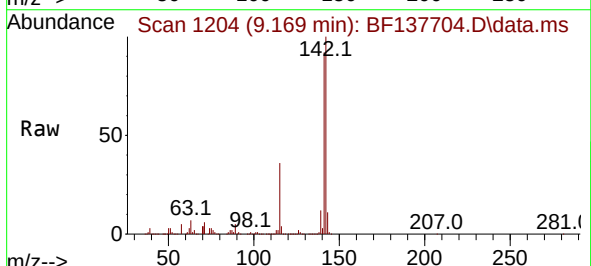
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

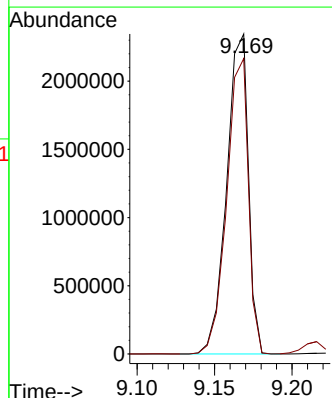
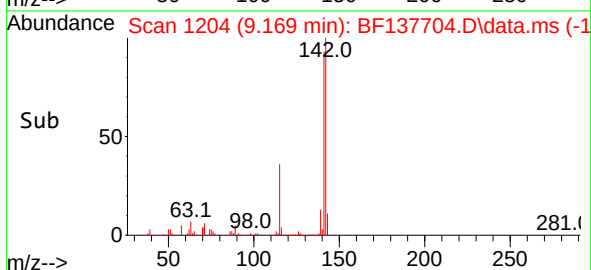
Supervised By :mohammad ahmed 04/27/2024

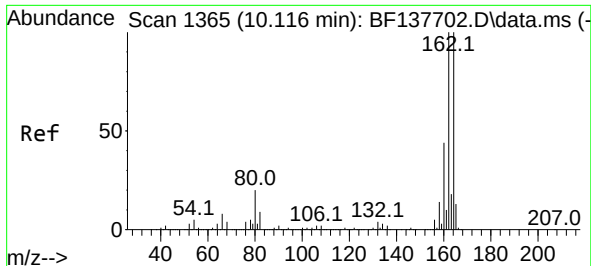


#38
1-Methylnaphthalene
Concen: 56.385 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:142 Resp: 2289967
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.0





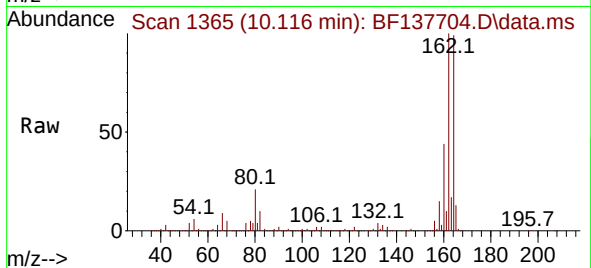
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



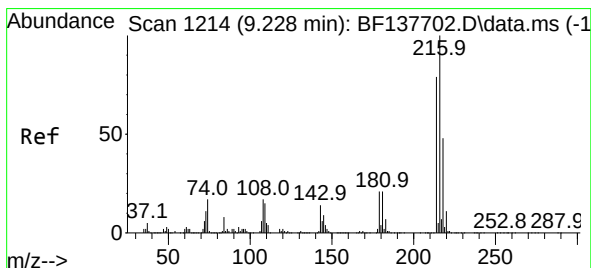
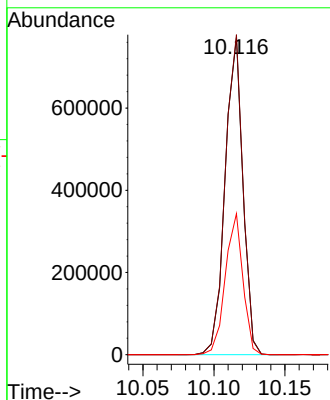
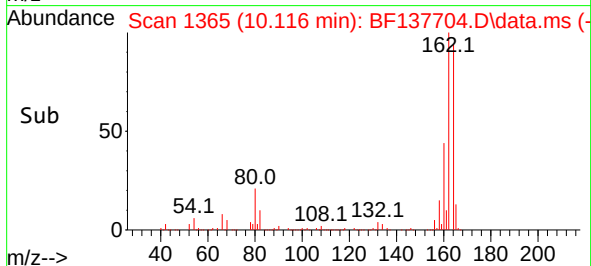
Tgt Ion:164 Resp: 67219
Ion Ratio Lower Upper
164 100
162 100.9 80.3 120.5
160 44.4 35.0 52.4

Manual Integrations

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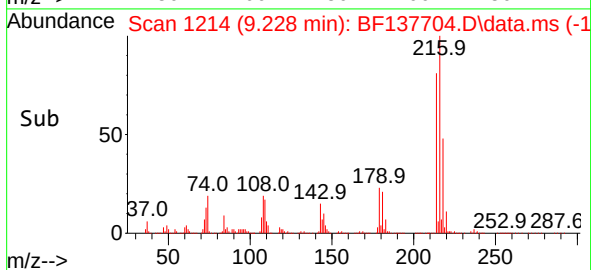
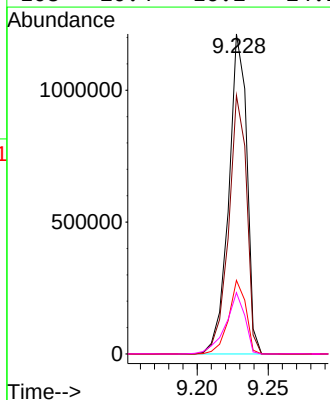
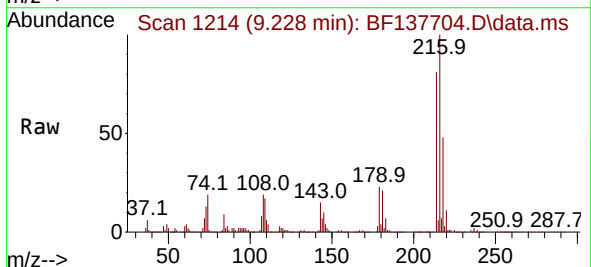
Reviewed By :Yogesh Patel 04/26/2024

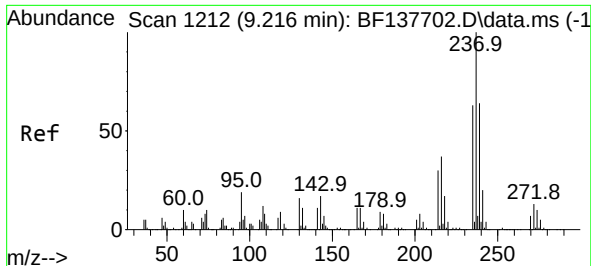
Supervised By :mohammad ahmed 04/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.567 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion:216 Resp: 1079291
Ion Ratio Lower Upper
216 100
214 80.1 63.4 95.0
179 21.9 17.1 25.7
108 20.4 16.2 24.2





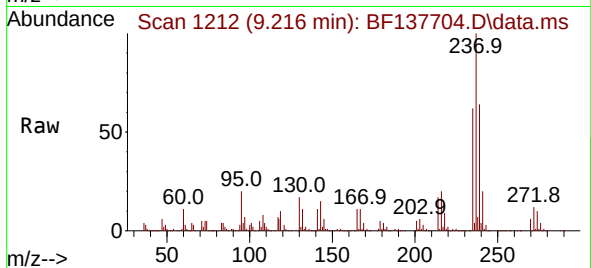
#41
Hexachlorocyclopentadiene
Concen: 65.678 ng
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



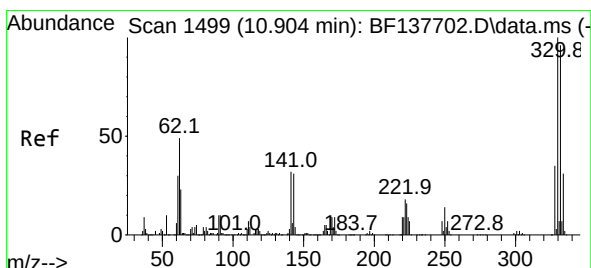
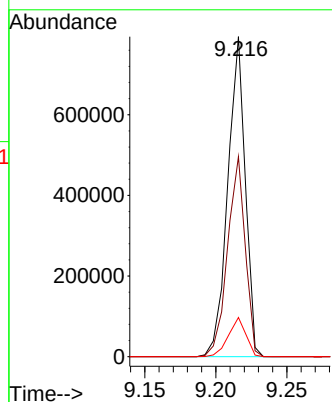
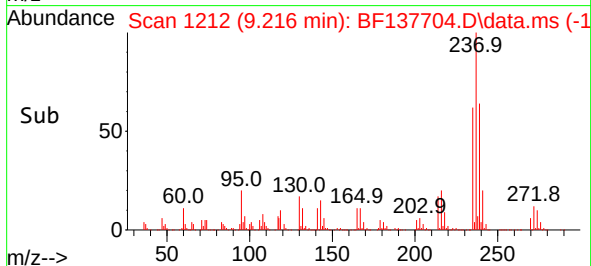
Tgt Ion:237 Resp: 678174
Ion Ratio Lower Upper
237 100
235 62.5 42.9 82.9
272 12.2 0.0 33.1

Manual Integrations

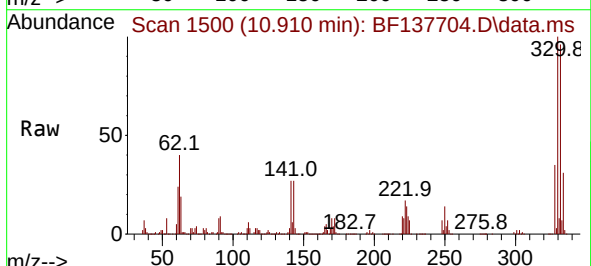
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

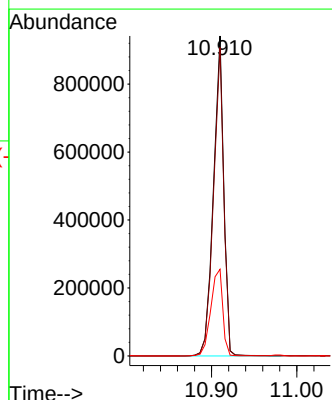
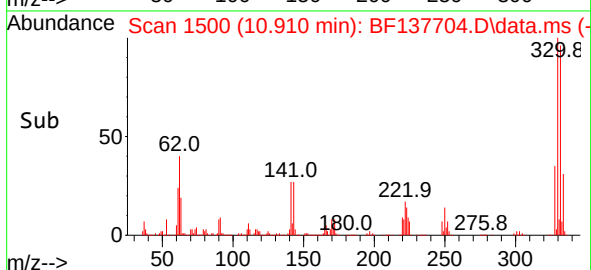
Supervised By :mohammad ahmed 04/27/2024

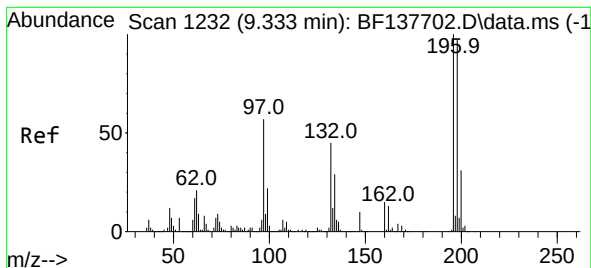


#42
2,4,6-Tribromophenol
Concen: 117.123 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:330 Resp: 794437
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.3 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 60.436 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 781320

Ion Ratio Lower Upper

196 100

198 96.5 77.8 116.6

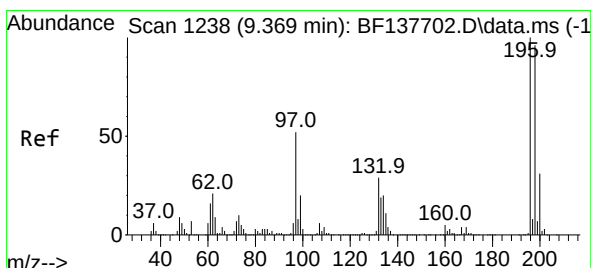
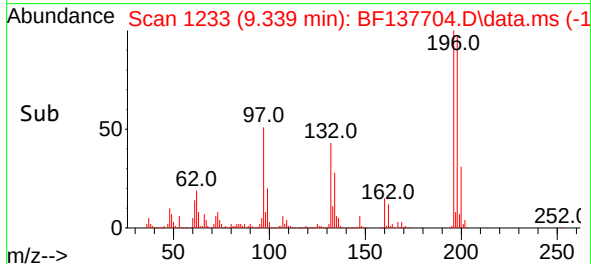
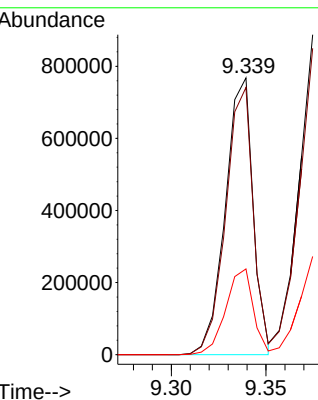
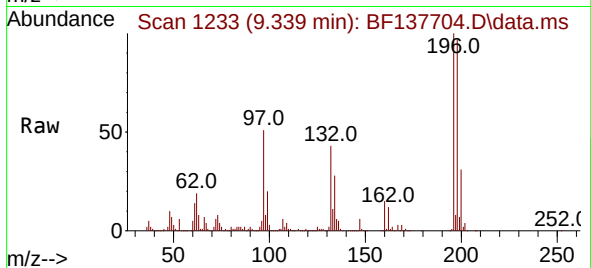
200 31.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#44

2,4,5-Trichlorophenol

Concen: 60.193 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

Tgt Ion:196 Resp: 891828

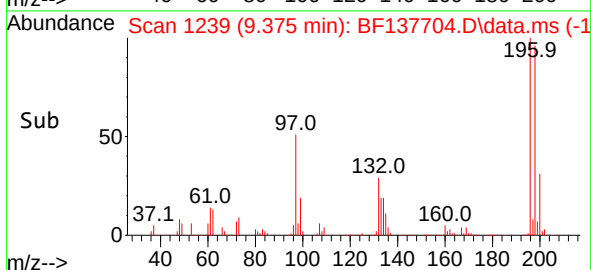
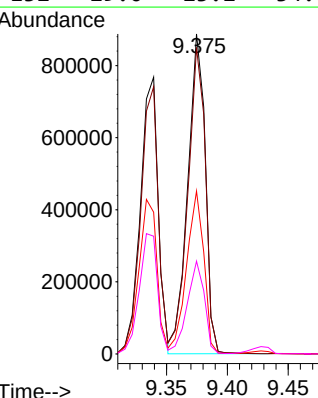
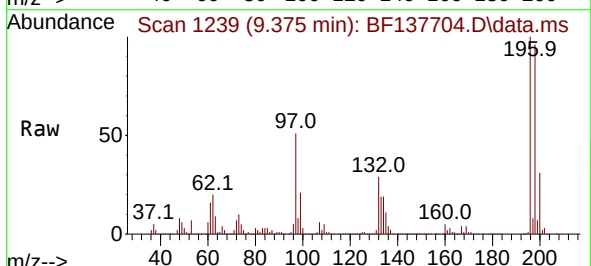
Ion Ratio Lower Upper

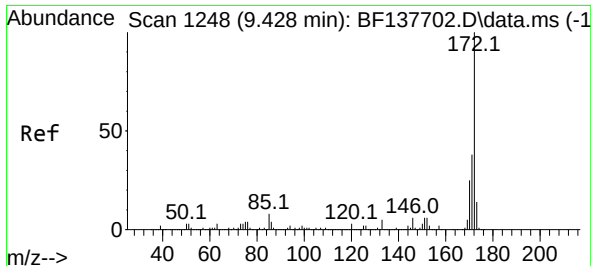
196 100

198 95.7 77.2 115.8

97 50.9 41.8 62.8

132 29.0 23.2 34.8





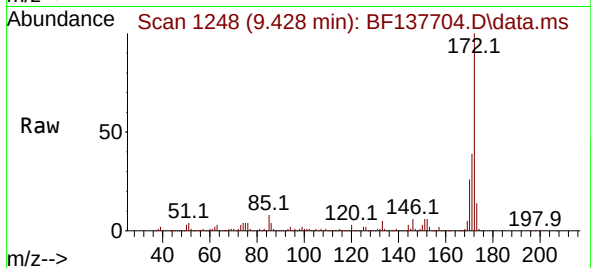
#45
2-Fluorobiphenyl
Concen: 103.072 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

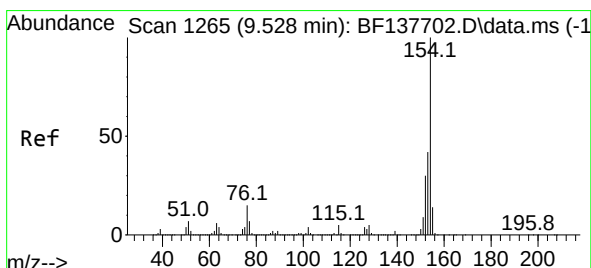
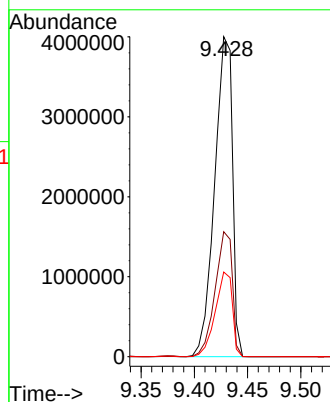
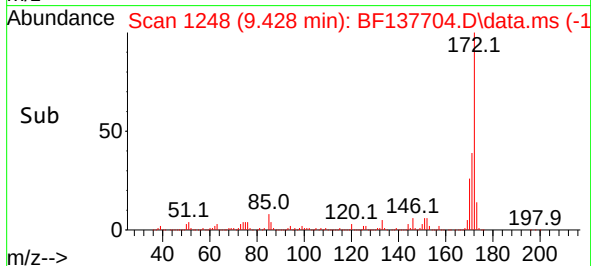


Tgt Ion:172 Resp: 4636879
Ion Ratio Lower Upper
172 100
171 39.0 30.2 45.4
170 26.5 20.2 30.4

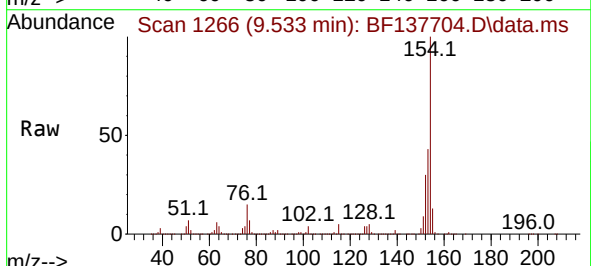
Manual Integrations

APPROVED

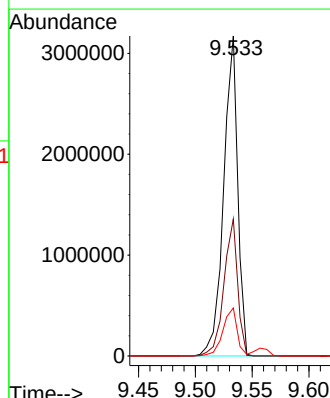
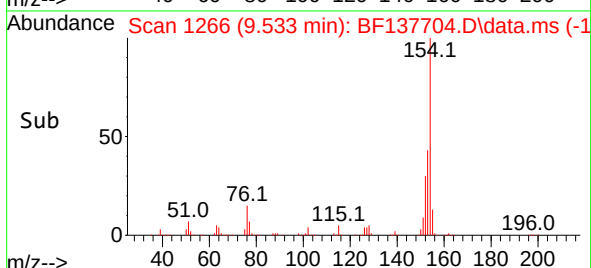
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

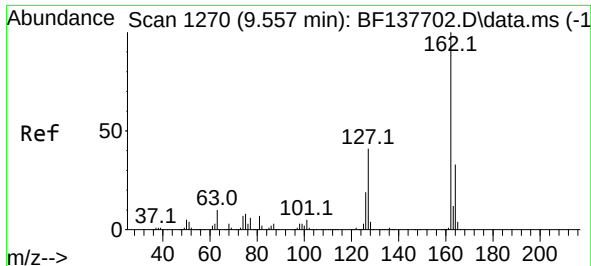


#46
1,1'-Biphenyl
Concen: 55.925 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:154 Resp: 2734791
Ion Ratio Lower Upper
154 100
153 42.8 21.9 61.9
76 15.0 0.0 35.3





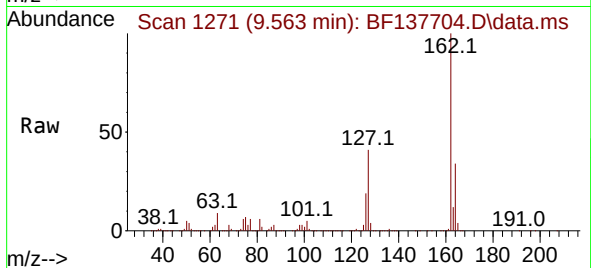
#47
2-Chloronaphthalene
Concen: 58.037 ng
RT: 9.563 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



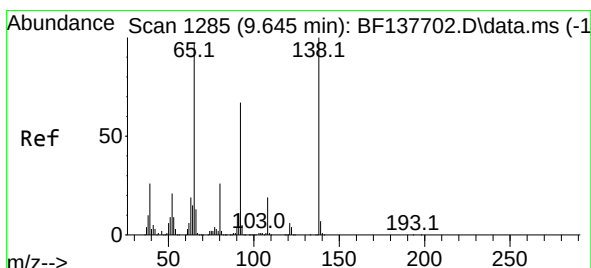
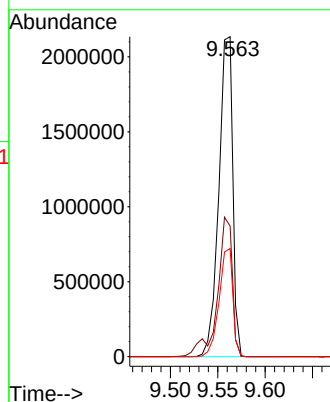
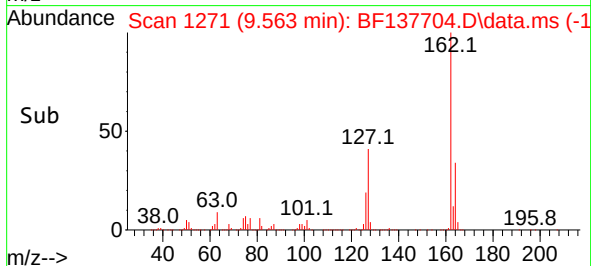
Tgt Ion:162 Resp: 218774
Ion Ratio Lower Upper
162 100
127 40.8 33.1 49.7
164 33.8 26.5 39.7

Manual Integrations

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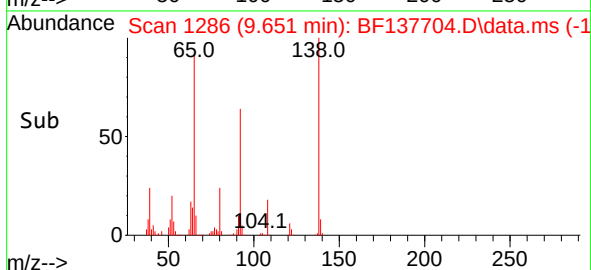
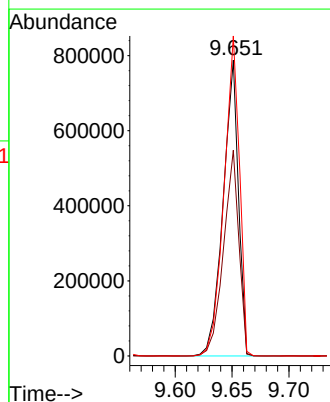
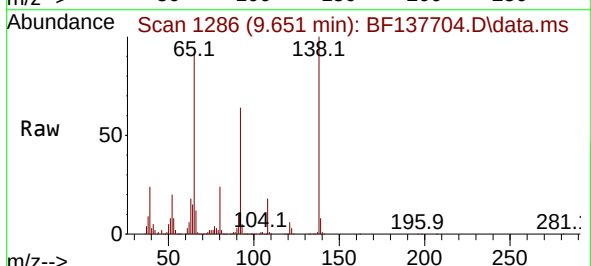
Reviewed By :Yogesh Patel 04/26/2024

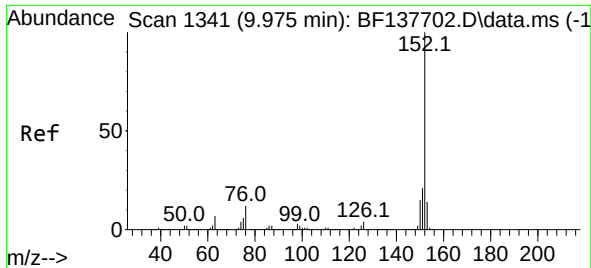
Supervised By :mohammad ahmed 04/27/2024



#48
2-Nitroaniline
Concen: 64.434 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion: 65 Resp: 740135
Ion Ratio Lower Upper
65 100
92 69.6 54.9 82.3
138 108.2 82.4 123.6





#49

Acenaphthylene

Concen: 57.110 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 3357204

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

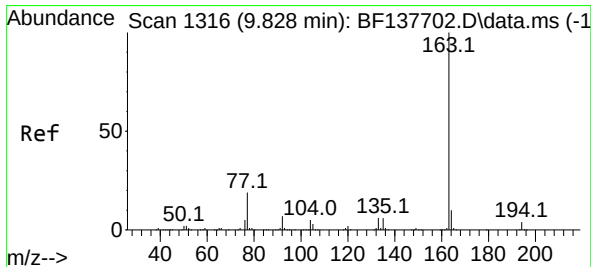
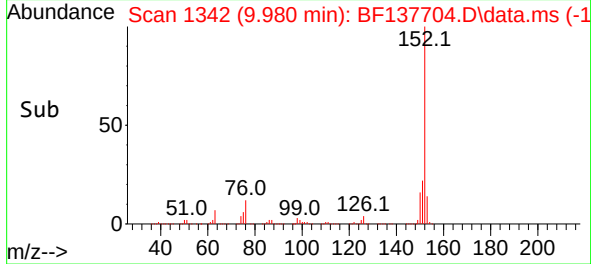
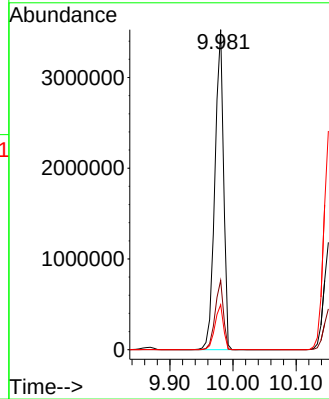
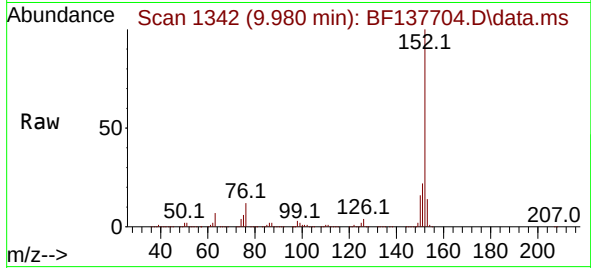
153 14.1 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#50

Dimethylphthalate

Concen: 57.857 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

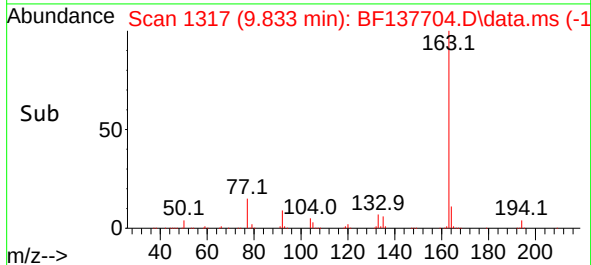
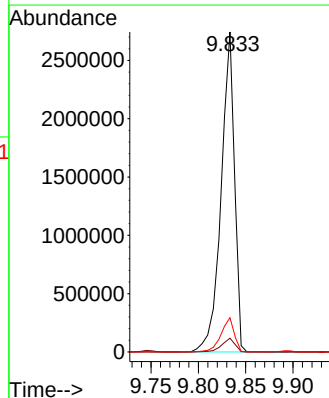
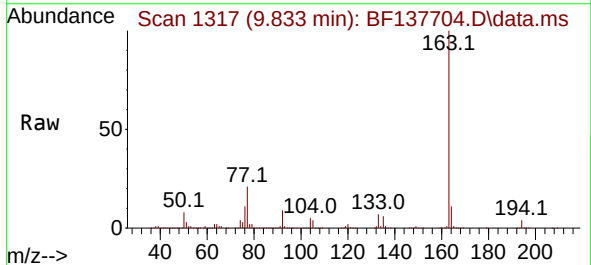
Tgt Ion:163 Resp: 2709632

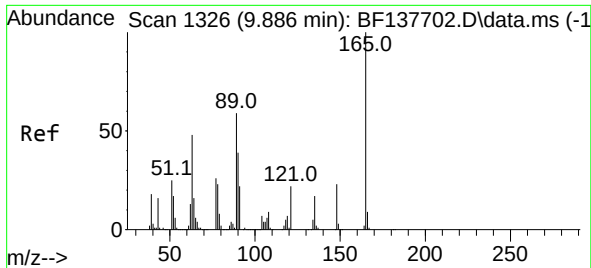
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.7 8.2 12.2





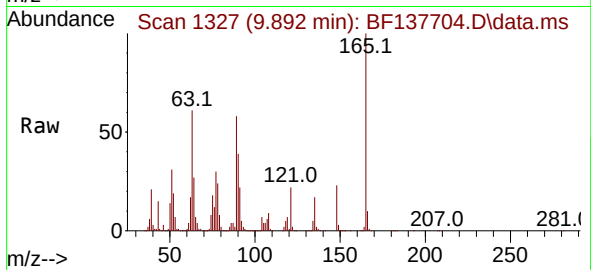
#51
2,6-Dinitrotoluene
Concen: 62.778 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



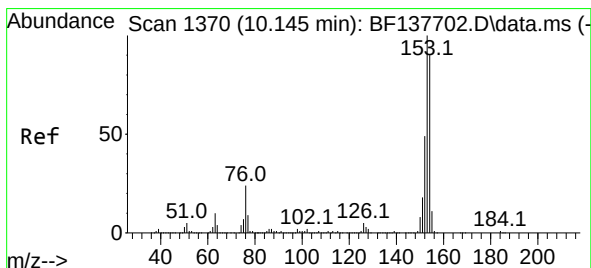
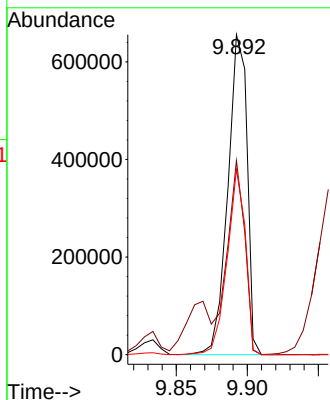
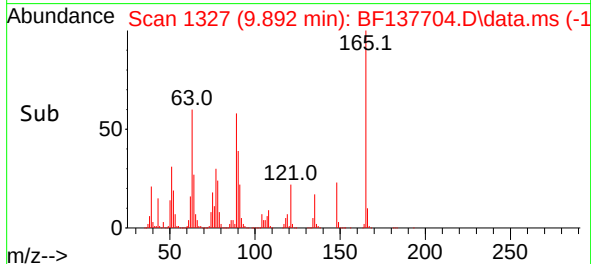
Tgt Ion:165 Resp: 619470
Ion Ratio Lower Upper
165 100
63 60.6 47.7 71.5
89 58.0 47.3 70.9

Manual Integrations

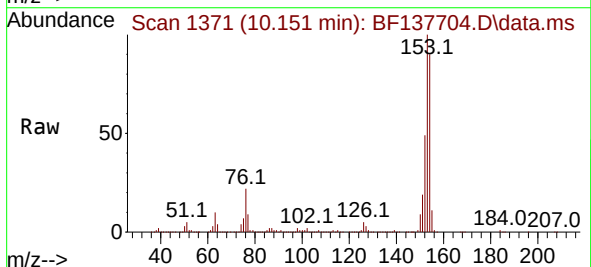
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

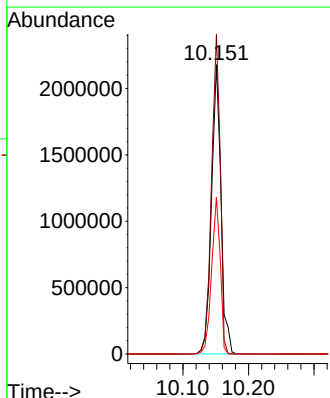
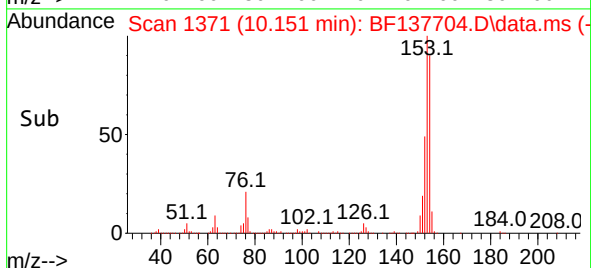
Supervised By :mohammad ahmed 04/27/2024

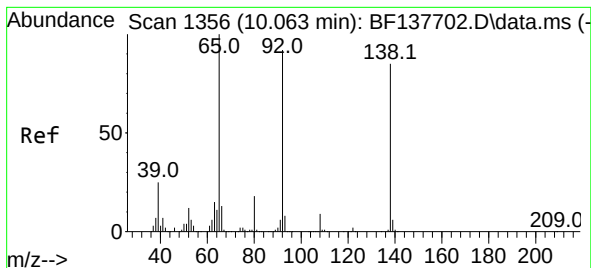


#52
Acenaphthene
Concen: 57.570 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:154 Resp: 2191366
Ion Ratio Lower Upper
154 100
153 110.6 88.5 132.7
152 54.3 43.3 64.9





#53
3-Nitroaniline
Concen: 61.998 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

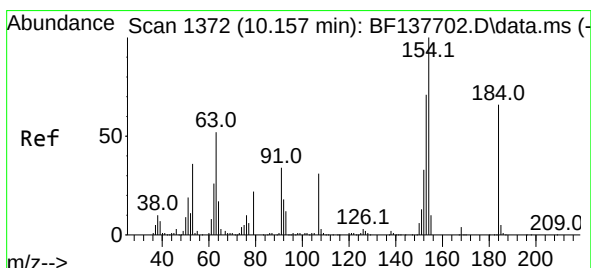
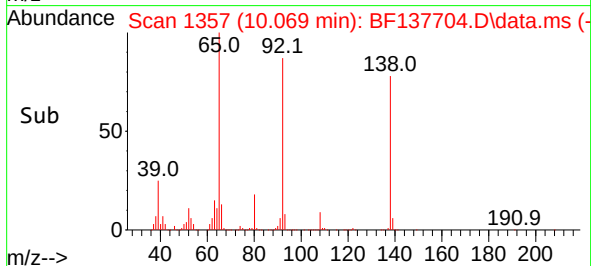
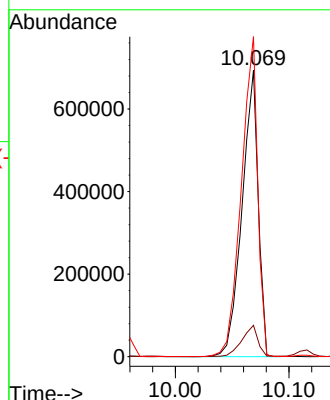
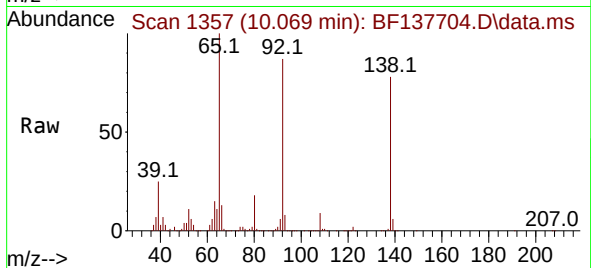
SSTDICC060

Tgt Ion:138 Resp: 687504
Ion Ratio Lower Upper
138 100
108 11.0 8.3 12.5
92 111.7 86.9 130.3

Manual Integrations

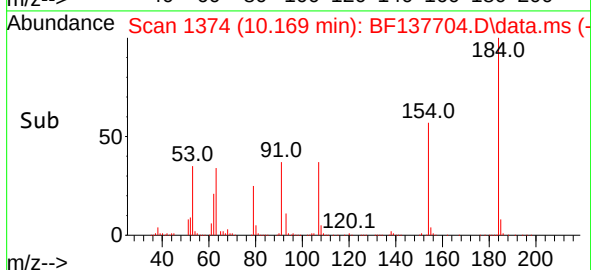
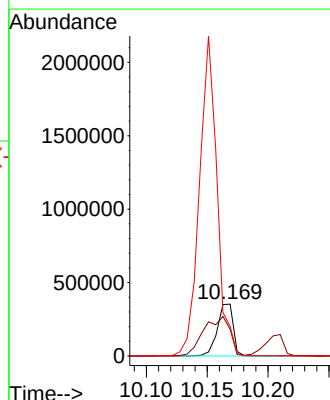
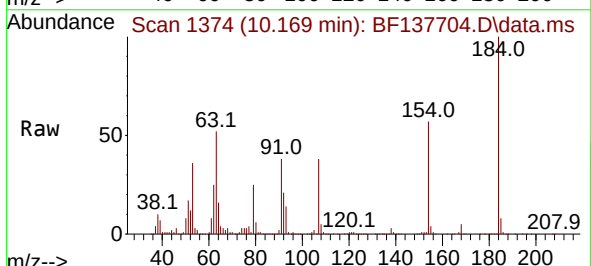
APPROVED

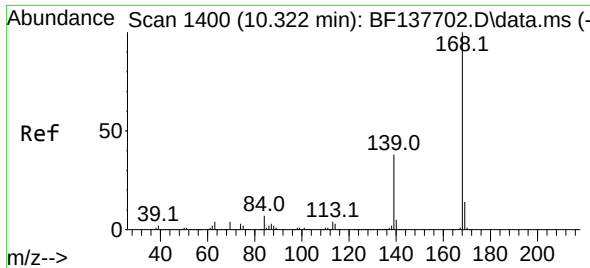
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#54
2,4-Dinitrophenol
Concen: 62.373 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion:184 Resp: 320064
Ion Ratio Lower Upper
184 100
63 51.6 63.5 95.3#
154 57.0 123.0 184.6#





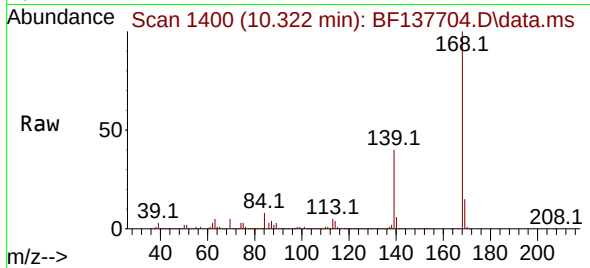
#55
Dibenzenofuran
Concen: 56.682 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

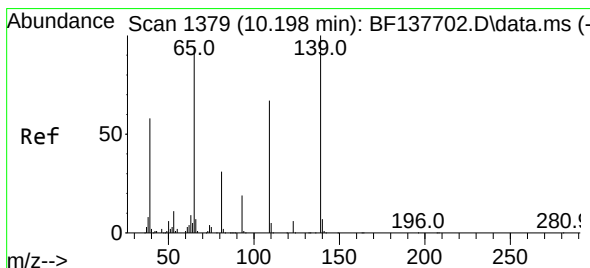
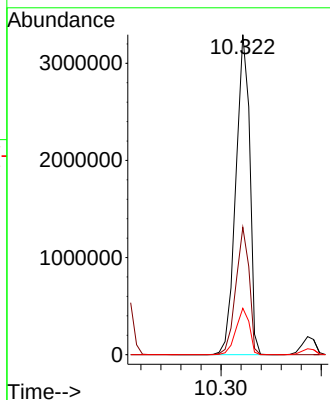
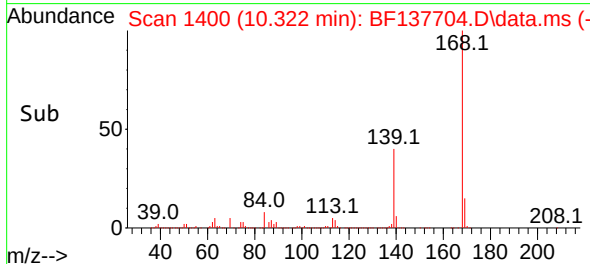


Tgt Ion:168 Resp: 3162650
Ion Ratio Lower Upper
168 100
139 39.8 30.1 45.1
169 14.5 10.9 16.3

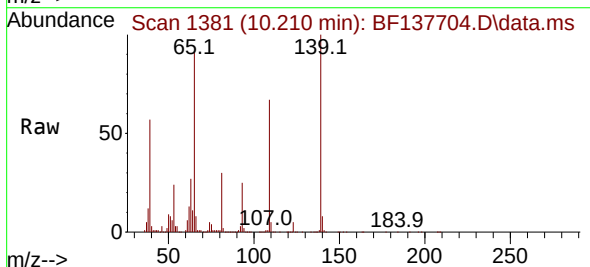
Manual Integrations

APPROVED

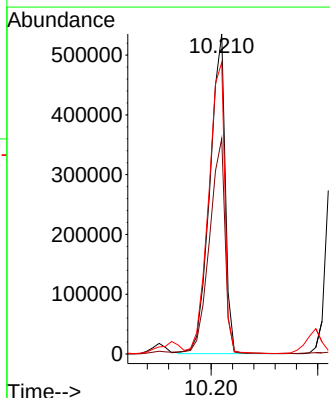
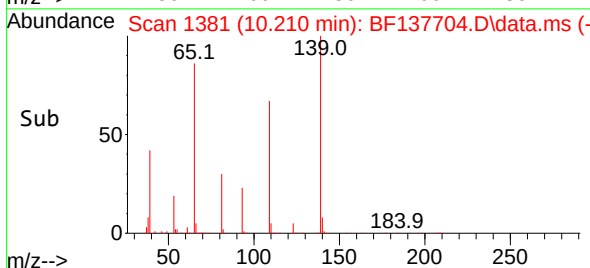
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

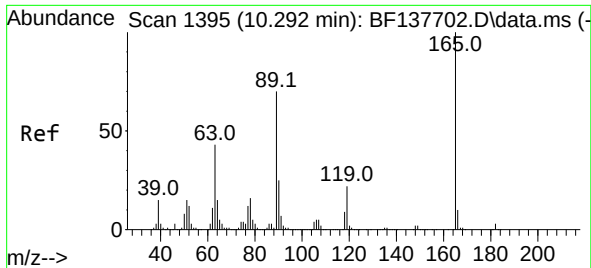


#56
4-Nitrophenol
Concen: 61.964 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:139 Resp: 534353
Ion Ratio Lower Upper
139 100
109 67.3 46.9 86.9
65 91.1 75.8 115.8





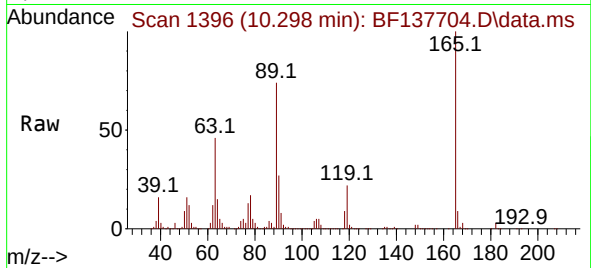
#57
2,4-Dinitrotoluene
Concen: 64.587 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

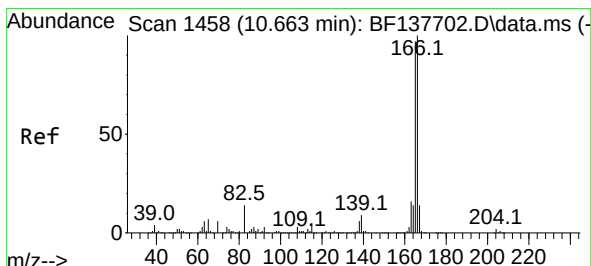
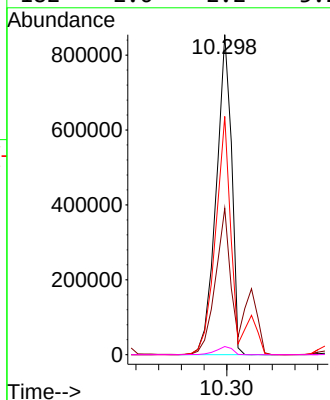
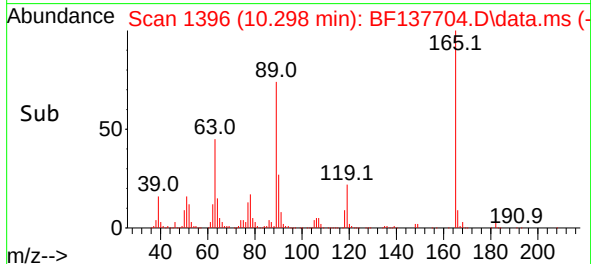


Tgt Ion:165 Resp: 803462
Ion Ratio Lower Upper
165 100
63 45.8 34.1 51.1
89 74.5 56.4 84.6
182 2.6 2.2 3.2

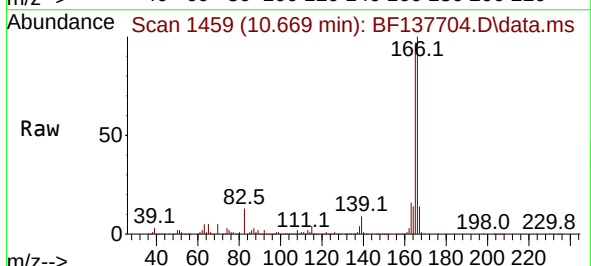
Manual Integrations

APPROVED

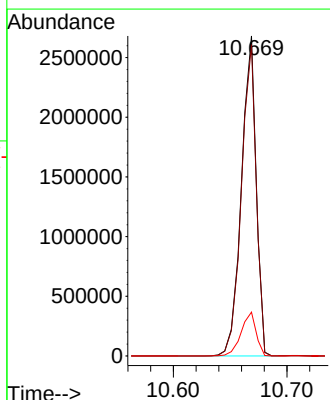
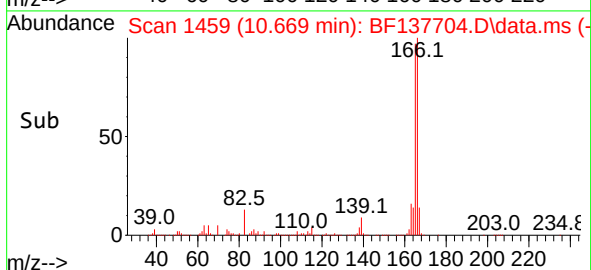
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

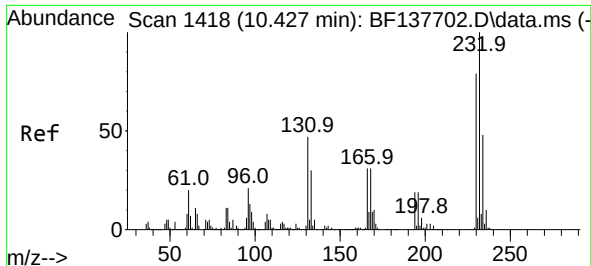


#58
Fluorene
Concen: 55.350 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



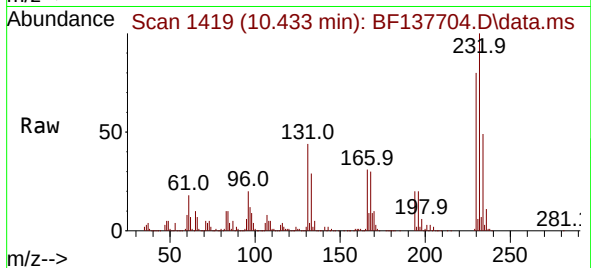
Tgt Ion:166 Resp: 2413150
Ion Ratio Lower Upper
166 100
165 97.3 77.8 116.6
167 13.7 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.215 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

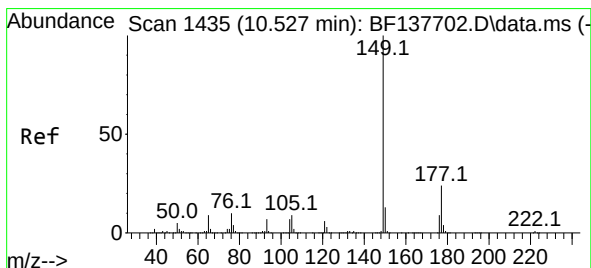
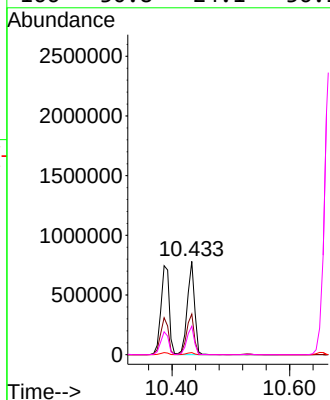
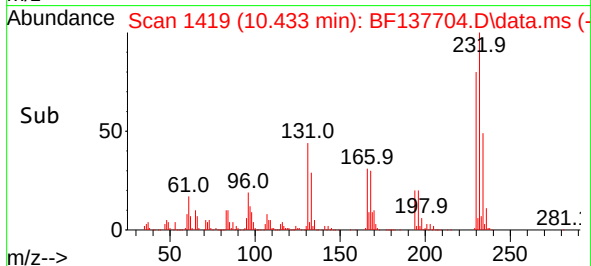
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



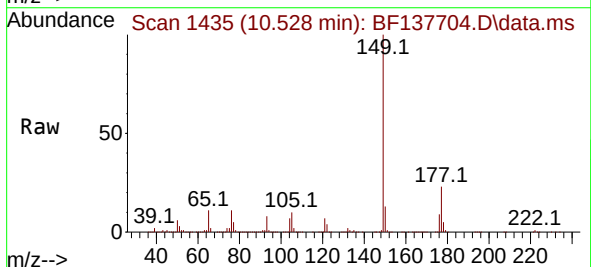
Tgt Ion:232 Resp: 667870
Ion Ratio Lower Upper
232 100
131 44.8 36.4 54.6
130 2.3 1.8 2.6
166 30.8 24.1 36.1

Manual Integrations
APPROVED

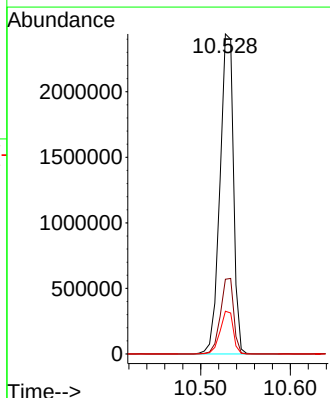
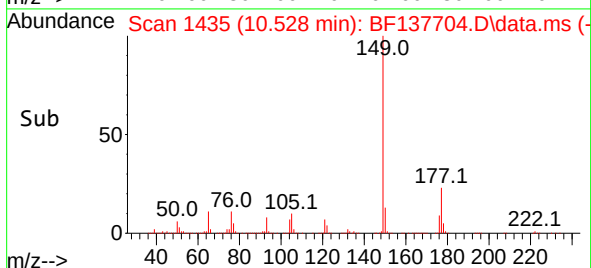
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

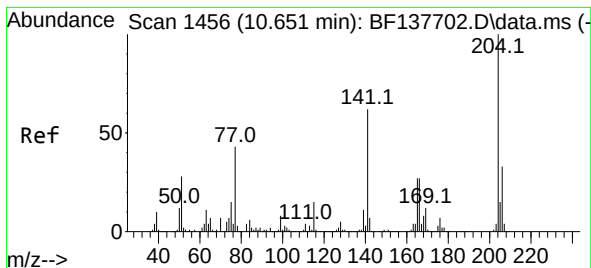


#60
Diethylphthalate
Concen: 56.711 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



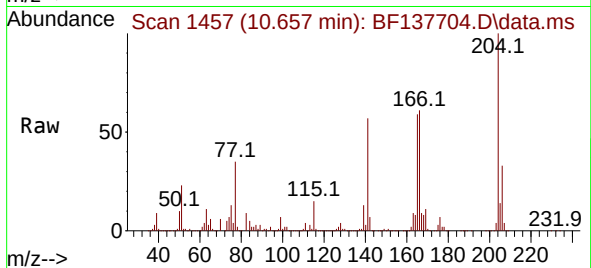
Tgt Ion:149 Resp: 2554578
Ion Ratio Lower Upper
149 100
177 23.3 19.0 28.4
150 13.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 56.448 ng
RT: 10.657 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

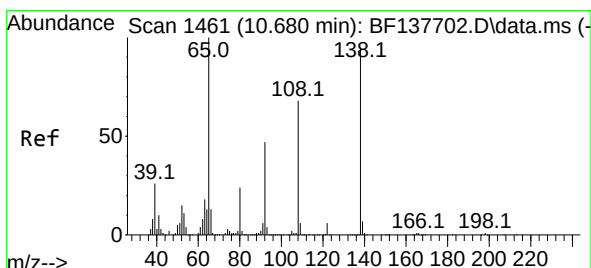
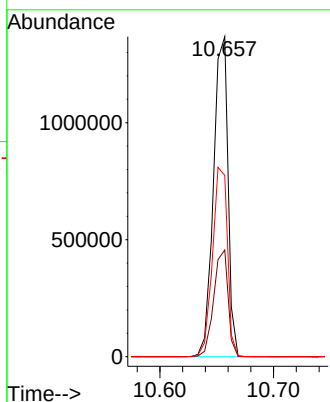
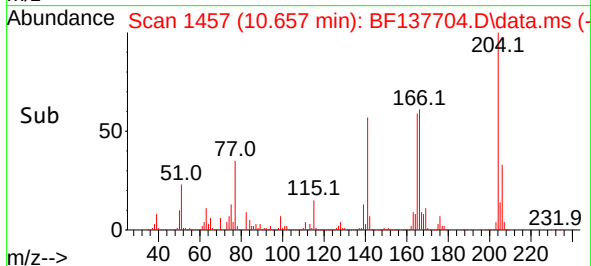
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



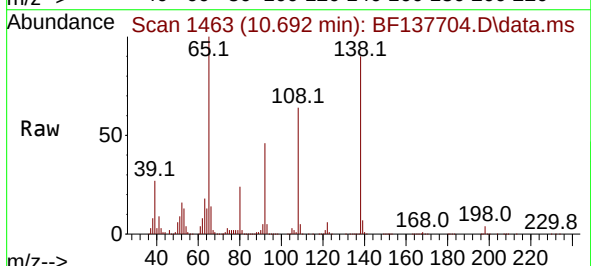
Tgt Ion:204 Resp: 1216000
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 56.6 49.4 74.2

Manual Integrations
APPROVED

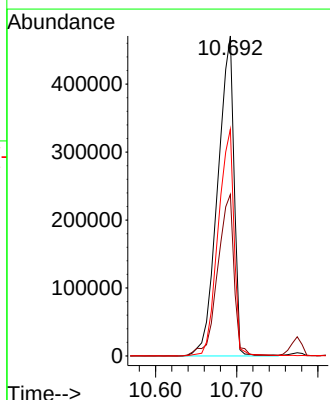
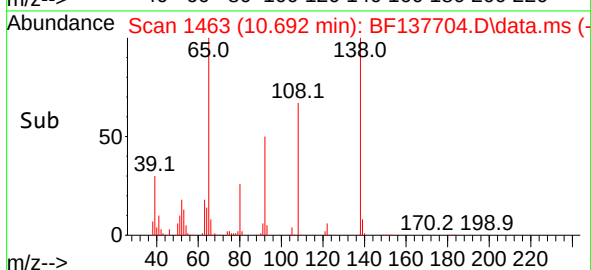
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

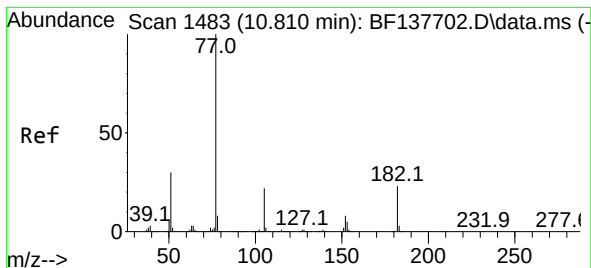


#62
4-Nitroaniline
Concen: 62.580 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



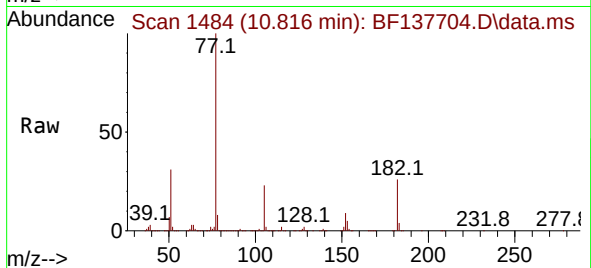
Tgt Ion:138 Resp: 660983
Ion Ratio Lower Upper
138 100
92 50.4 29.8 69.8
108 70.8 51.1 91.1





#63
Azobenzene
Concen: 56.915 ng
RT: 10.816 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

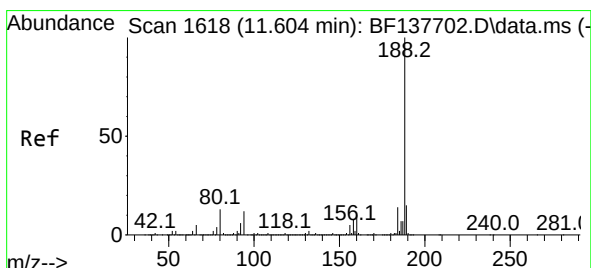
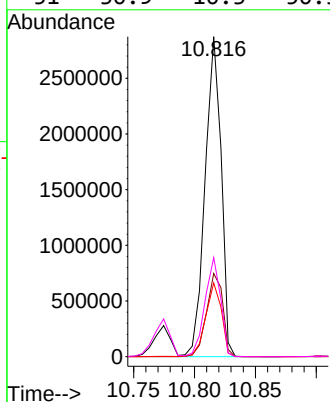
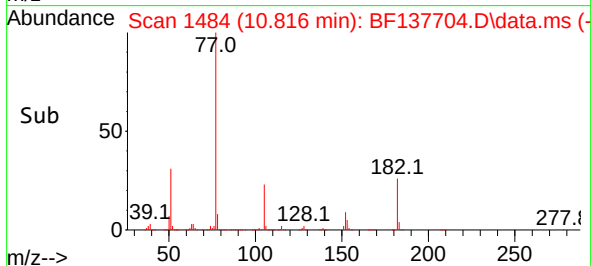
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 2627134
Ion Ratio Lower Upper
77 100
182 26.0 3.1 43.1
105 23.1 1.6 41.6
51 30.9 10.3 50.3

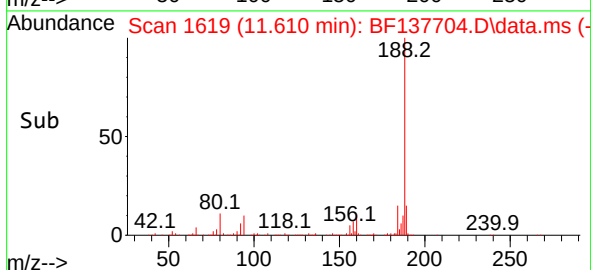
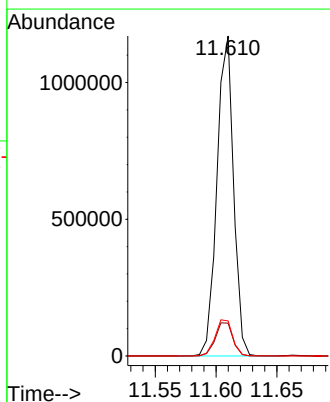
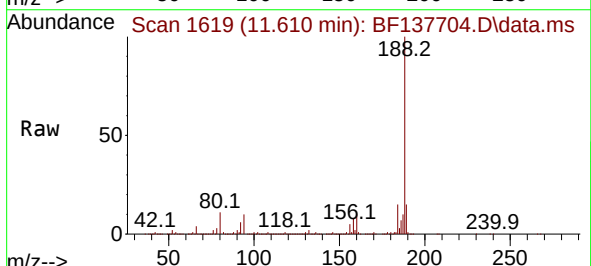
Manual Integrations
APPROVED

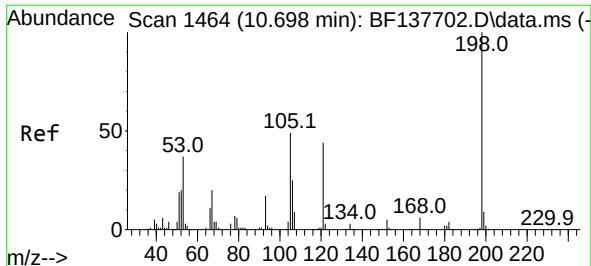
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

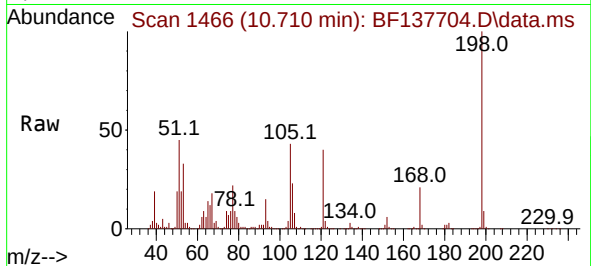
Tgt Ion:188 Resp: 1110752
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.9 10.2 15.4





#65
4,6-Dinitro-2-methylphenol
Concen: 67.510 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

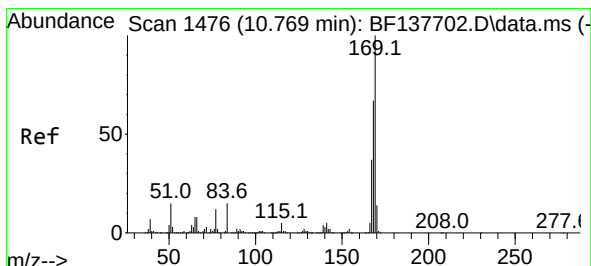
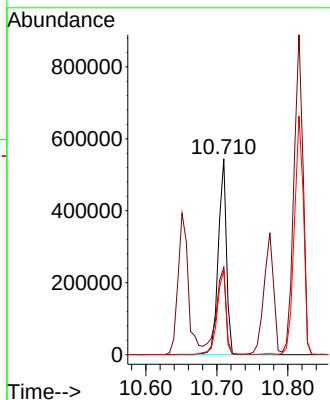
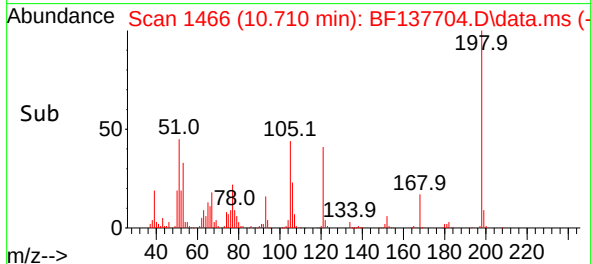
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



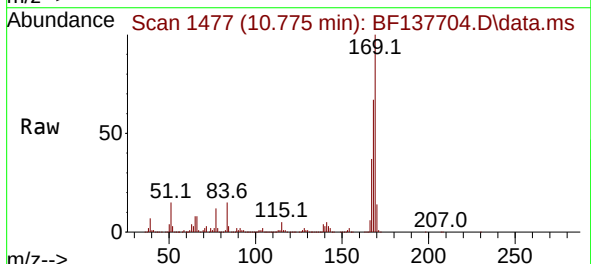
Tgt Ion:198 Resp: 429950
Ion Ratio Lower Upper
198 100
51 44.5 33.5 73.5
105 43.1 29.3 69.3

Manual Integrations
APPROVED

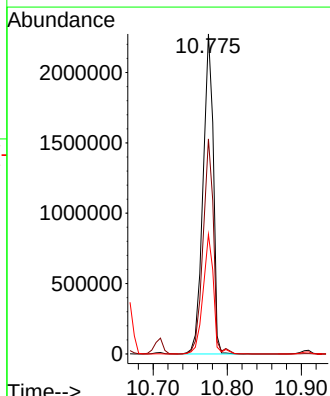
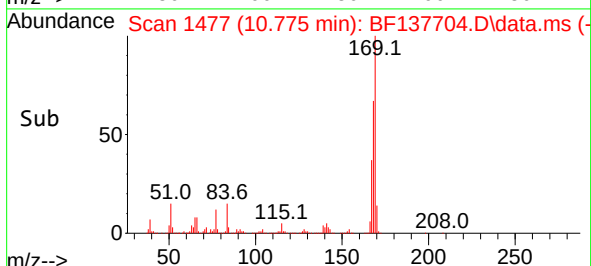
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

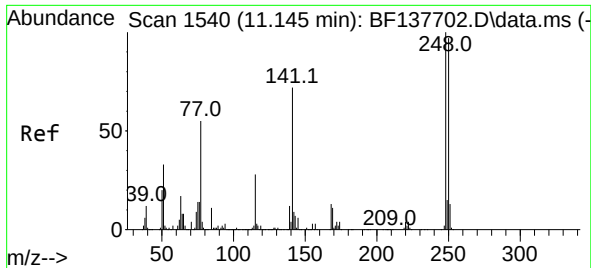


#66
n-Nitrosodiphenylamine
Concen: 58.578 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:169 Resp: 2203719
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.2
167 37.3 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 60.165 ng
RT: 11.151 min Scan# 1541
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

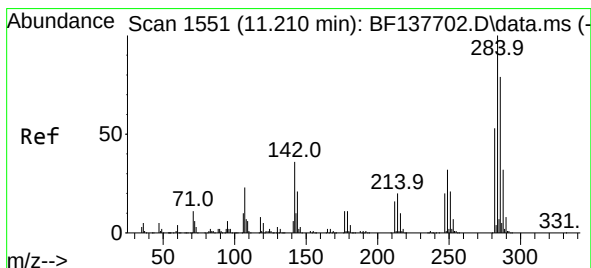
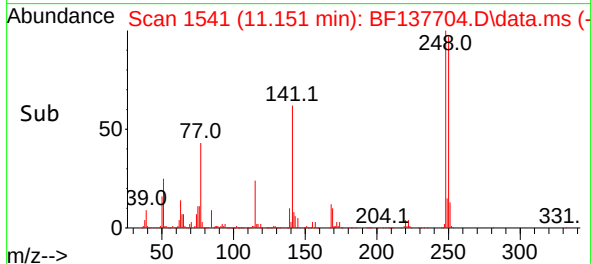
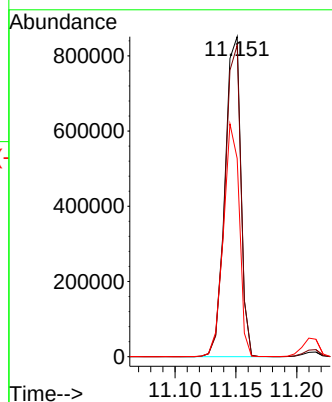
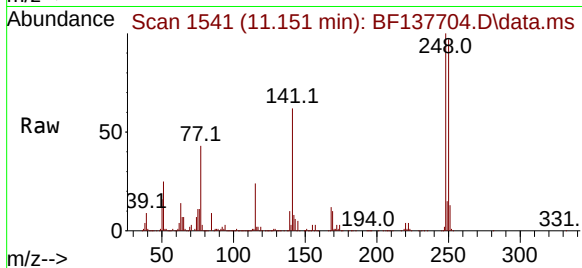
SSTDICC060

Tgt Ion:248 Resp: 774375
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.0
141 61.9 57.9 86.9

Manual Integrations

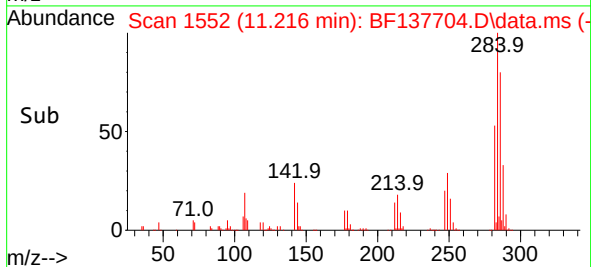
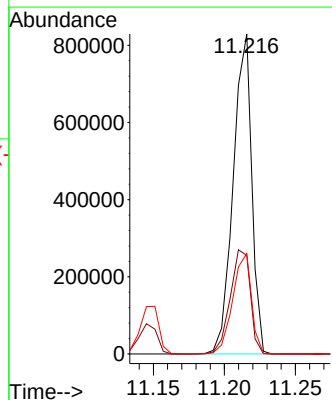
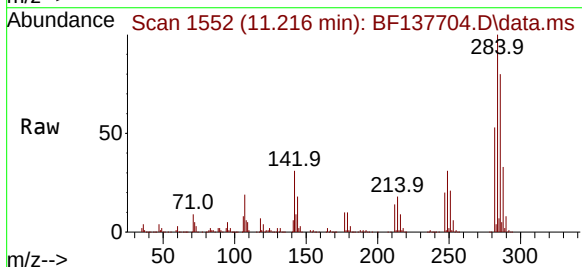
APPROVED

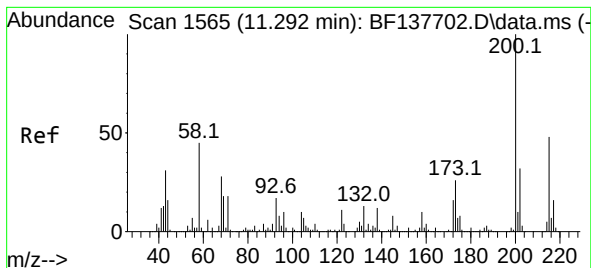
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#68
Hexachlorobenzene
Concen: 60.036 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Tgt Ion:284 Resp: 752781
Ion Ratio Lower Upper
284 100
142 30.8 28.5 42.7
249 31.4 25.6 38.4





#69

Atrazine

Concen: 54.116 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF137704.D

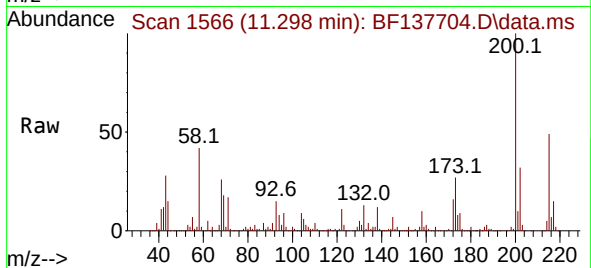
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



Tgt Ion:200 Resp: 562770

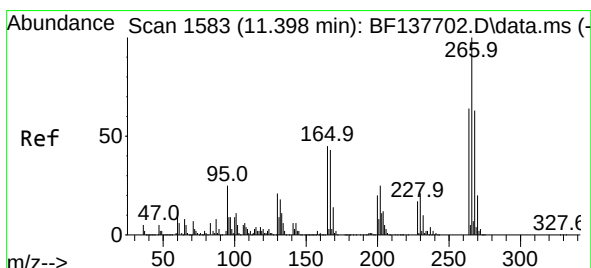
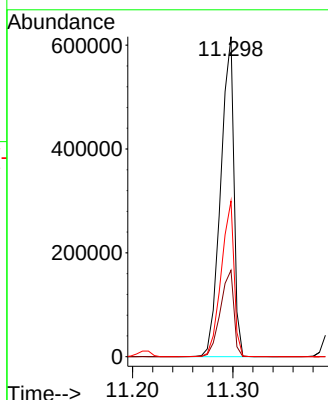
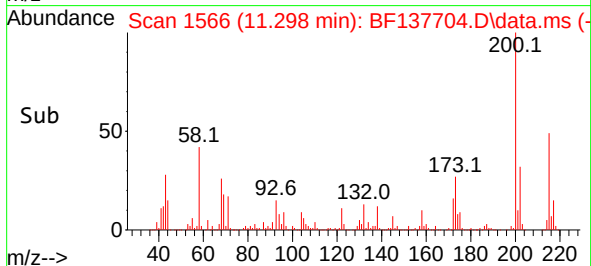
Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.3	46.3
215	48.7	28.0	68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#70

Pentachlorophenol

Concen: 60.768 ng

RT: 11.404 min Scan# 1584

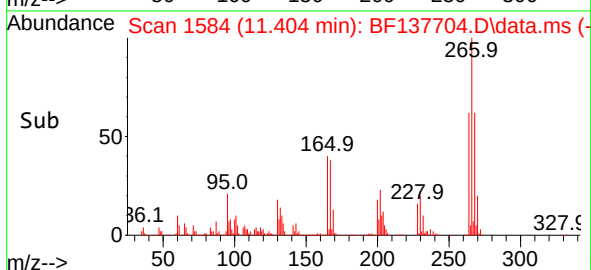
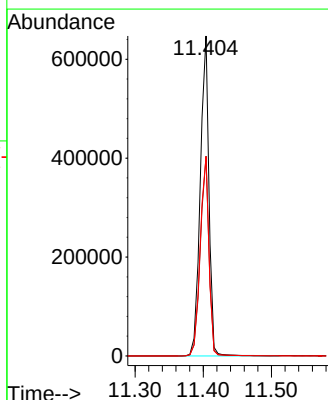
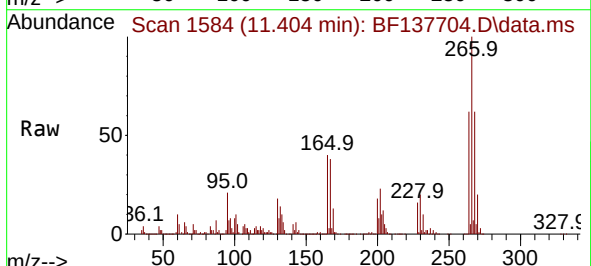
Delta R.T. 0.006 min

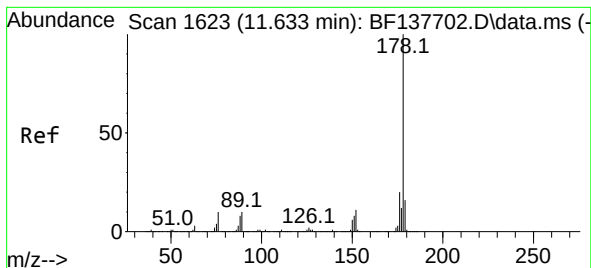
Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

Tgt Ion:266 Resp: 573173

Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.4	75.6
264	62.3	51.4	77.0





#71

Phenanthrene

Concen: 56.842 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:178 Resp: 334222

Ion Ratio Lower Upper

178 100

176 20.7 16.4 24.6

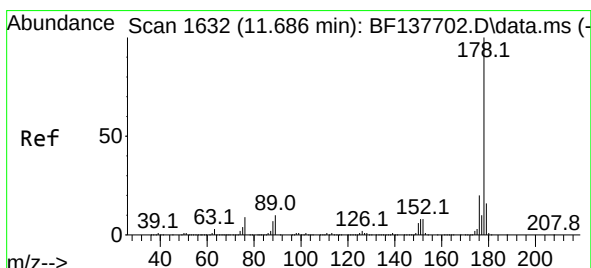
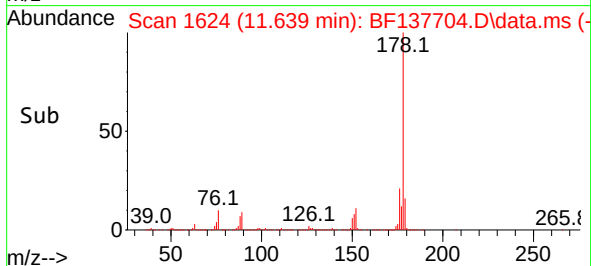
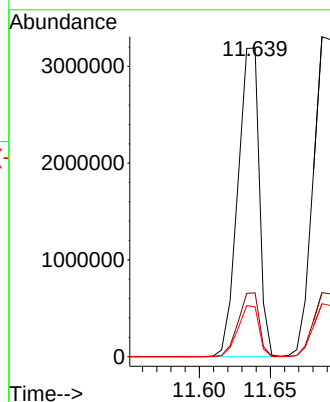
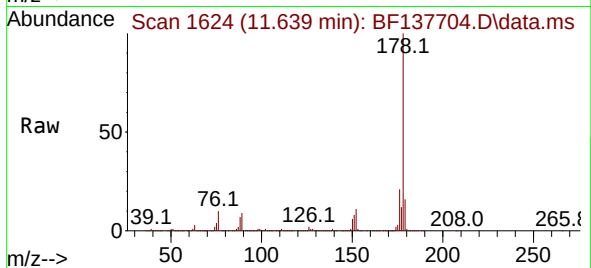
179 16.2 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#72

Anthracene

Concen: 56.727 ng

RT: 11.686 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

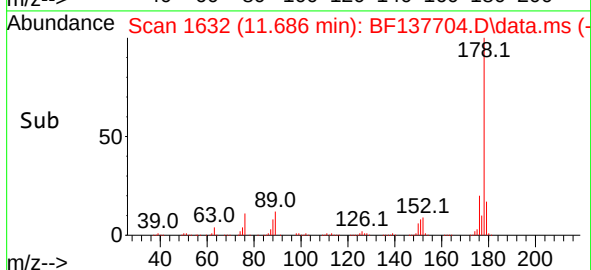
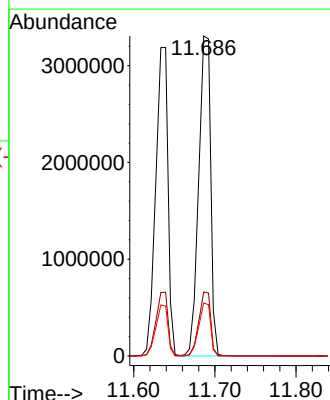
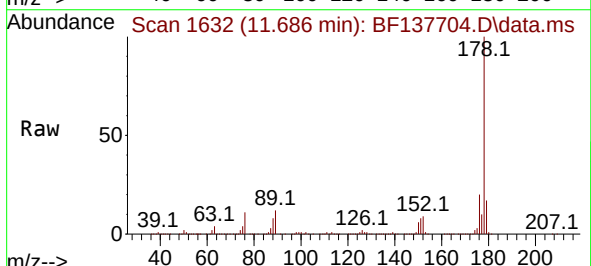
Tgt Ion:178 Resp: 3415469

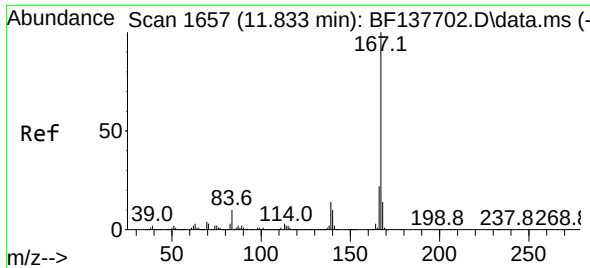
Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 16.5 13.0 19.6





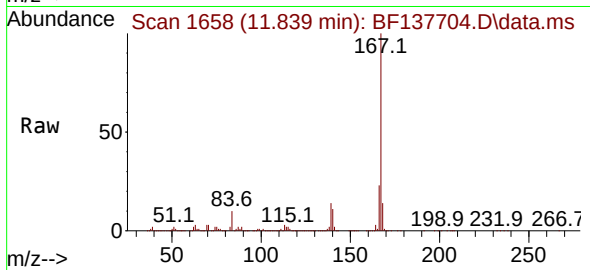
#73
 Carbazole
 Concen: 57.108 ng
 RT: 11.839 min Scan# 1657
 Delta R.T. 0.006 min
 Lab File: BF137704.D
 Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



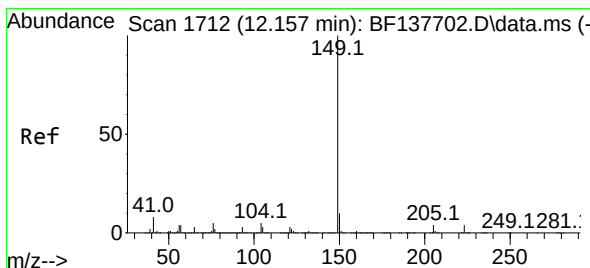
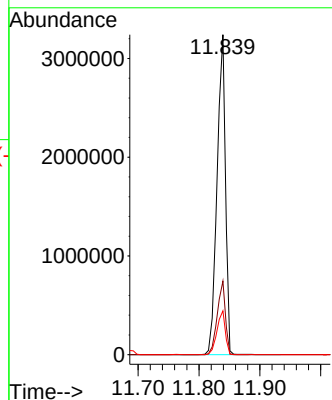
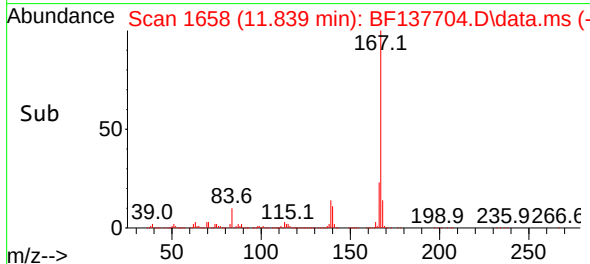
Tgt Ion:167 Resp: 3116079
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.5 26.3
 139 13.7 10.9 16.3

Manual Integrations

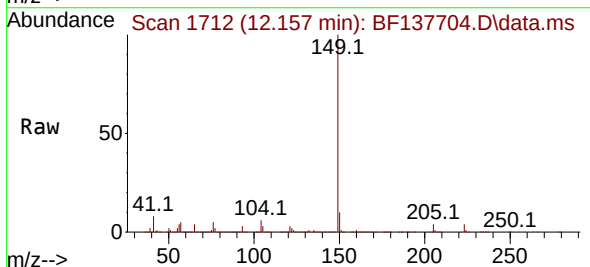
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

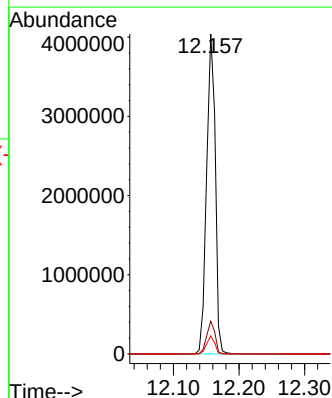
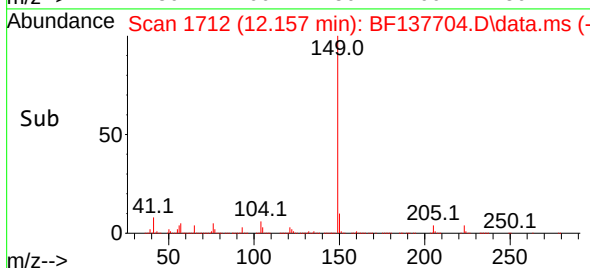
Supervised By :mohammad ahmed 04/27/2024

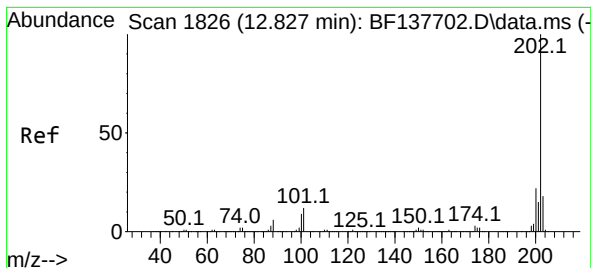


#74
 Di-n-butylphthalate
 Concen: 56.201 ng
 RT: 12.157 min Scan# 1712
 Delta R.T. 0.000 min
 Lab File: BF137704.D
 Acq: 23 Apr 2024 20:26



Tgt Ion:149 Resp: 3738256
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.6
 104 5.6 4.2 6.4





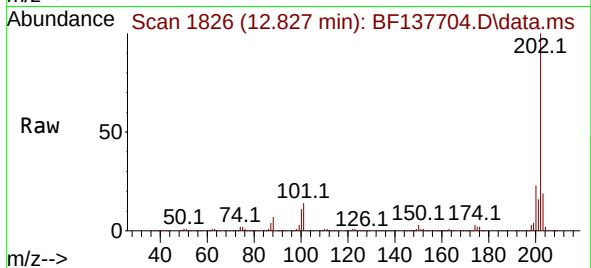
#75
Fluoranthene
Concen: 56.532 ng
RT: 12.827 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



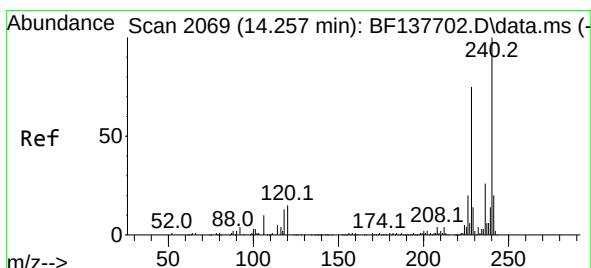
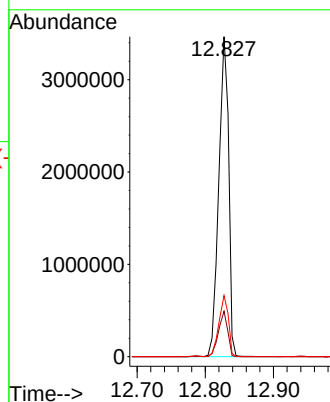
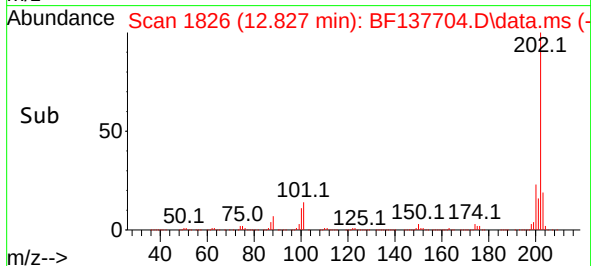
Tgt Ion:202 Resp: 3493824
Ion Ratio Lower Upper
202 100
101 14.2 0.0 32.2
203 19.1 0.0 38.1

Manual Integrations

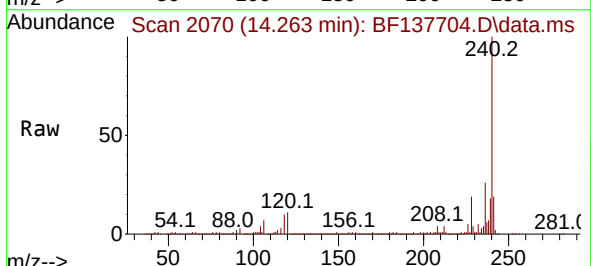
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

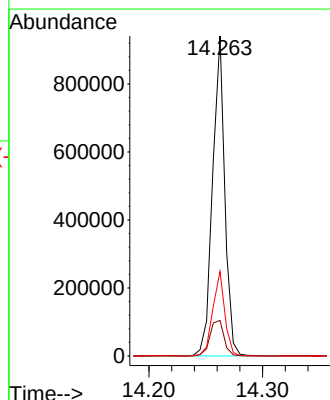
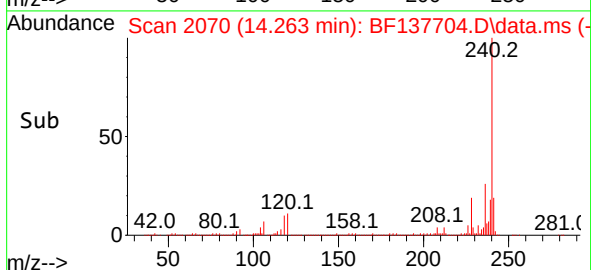
Supervised By :mohammad ahmed 04/27/2024

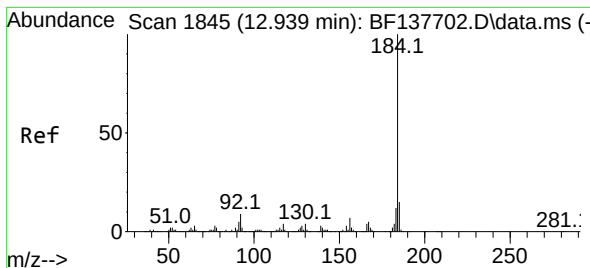


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.263 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:240 Resp: 701743
Ion Ratio Lower Upper
240 100
120 11.1 11.9 17.9#
236 26.4 20.8 31.2





#77

Benzidine

Concen: 47.565 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF137704.D

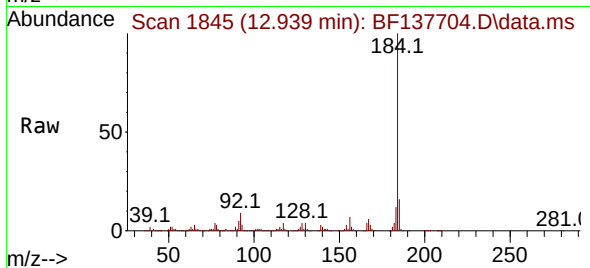
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:184 Resp: 779604

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.4

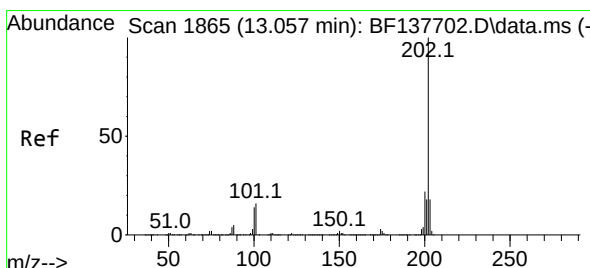
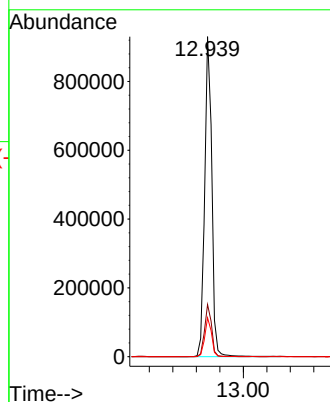
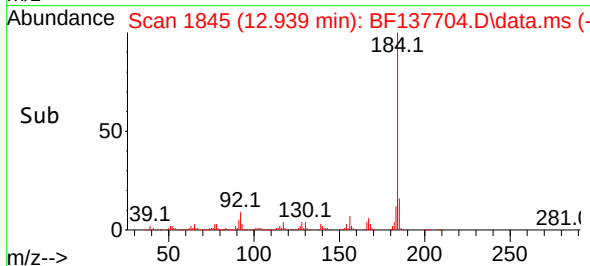
183 12.1 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#78

Pyrene

Concen: 60.929 ng

RT: 13.063 min Scan# 1866

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

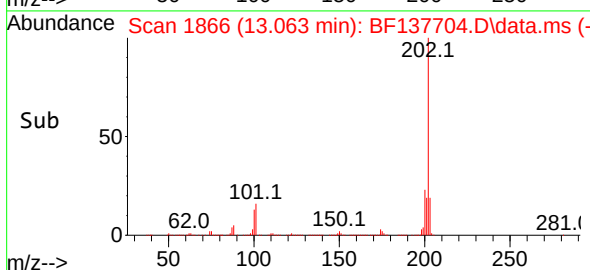
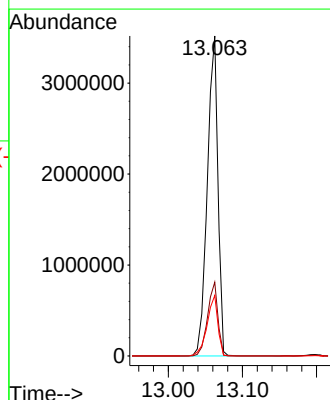
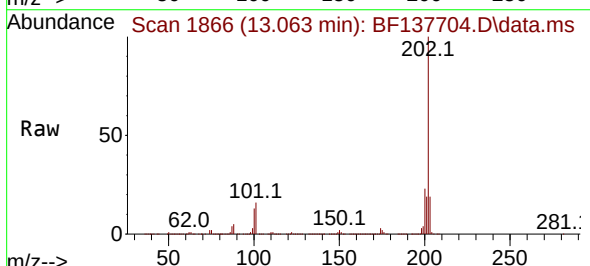
Tgt Ion:202 Resp: 3509397

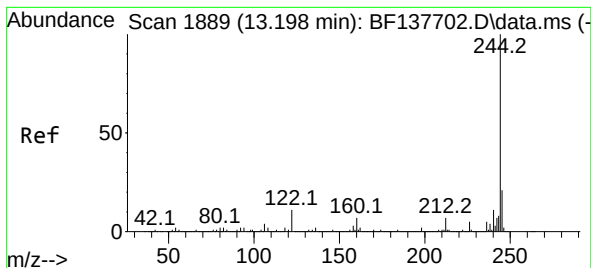
Ion Ratio Lower Upper

202 100

200 23.1 17.8 26.6

203 18.9 14.6 21.8





#79

Terphenyl-d14

Concen: 116.588 ng

RT: 13.198 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BF137704.D

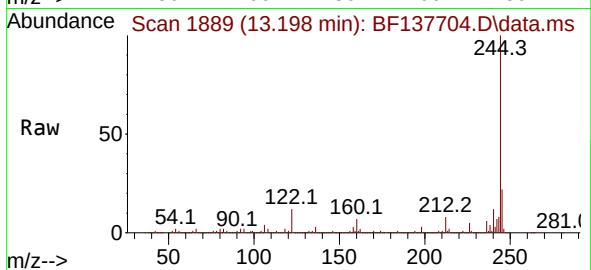
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:244 Resp: 5083050

Ion Ratio Lower Upper

244 100

212 7.6 5.5 8.3

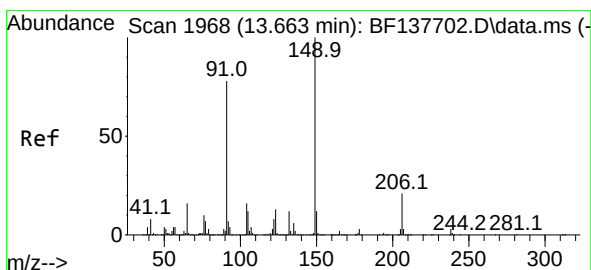
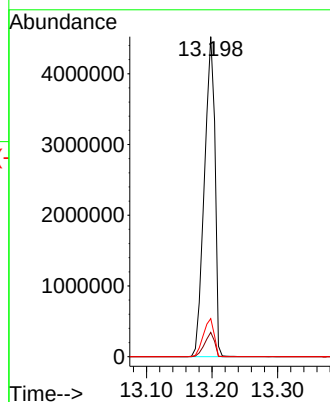
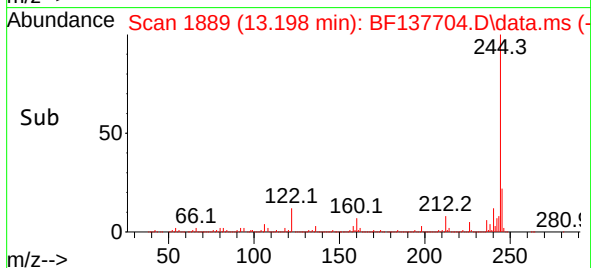
122 11.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#80

Butylbenzylphthalate

Concen: 66.567 ng

RT: 13.669 min Scan# 1969

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

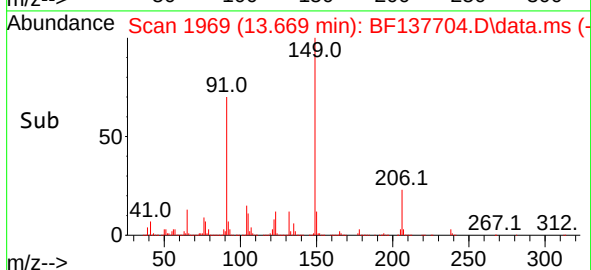
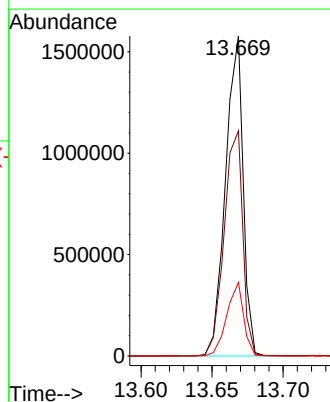
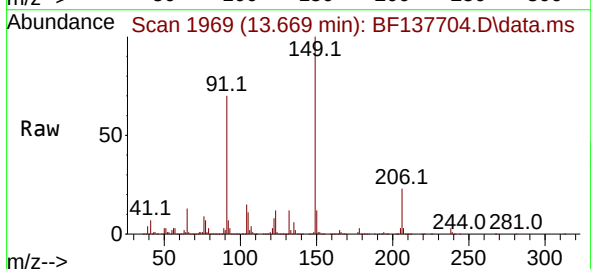
Tgt Ion:149 Resp: 1359682

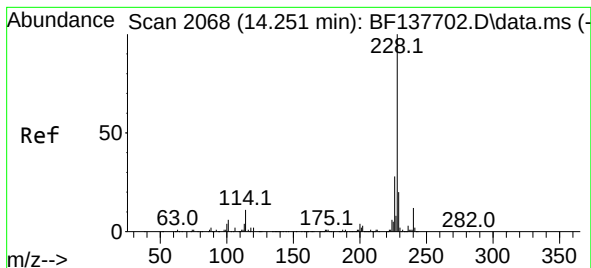
Ion Ratio Lower Upper

149 100

91 70.4 62.6 93.8

206 23.0 16.5 24.7





#81

Benzo(a)anthracene

Concen: 59.888 ng

RT: 14.251 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 293121

Ion Ratio Lower Upper

228 100

226 28.5 22.7 34.1

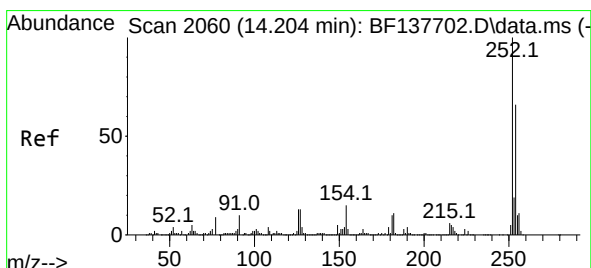
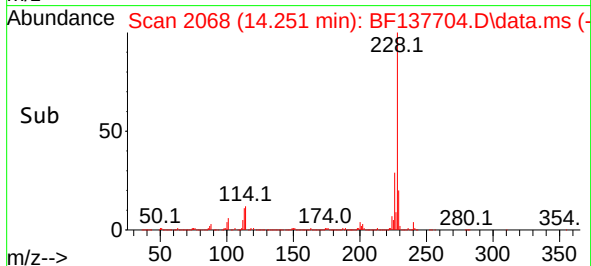
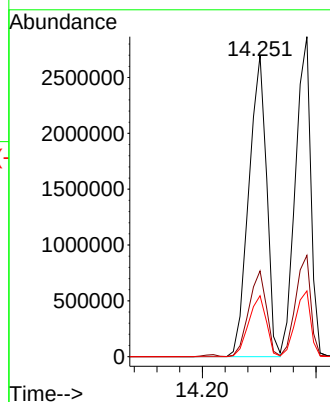
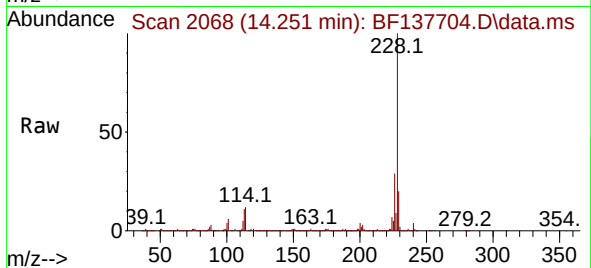
229 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 57.450 ng

RT: 14.210 min Scan# 2061

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

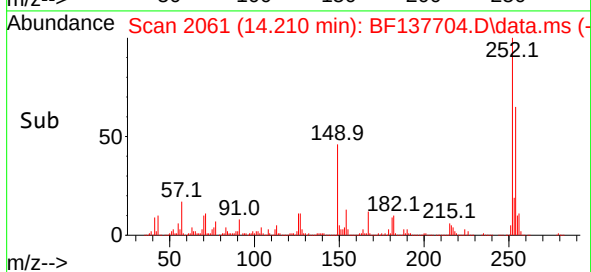
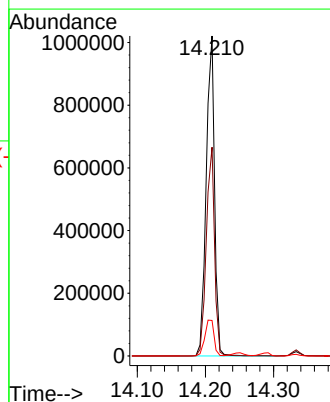
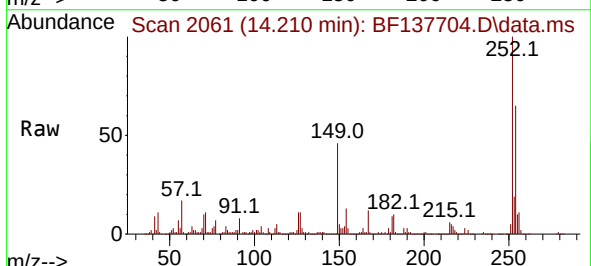
Tgt Ion:252 Resp: 870016

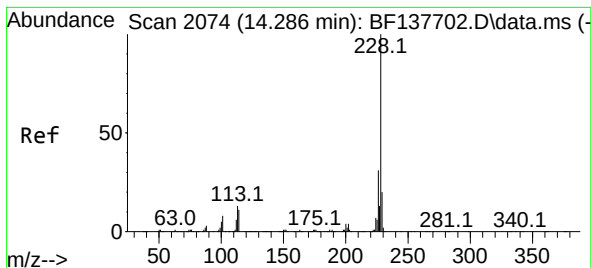
Ion Ratio Lower Upper

252 100

254 65.2 52.6 79.0

126 11.1 10.8 16.2





#83

Chrysene

Concen: 58.872 ng

RT: 14.292 min Scan# 2074

Delta R.T. 0.006 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 269235

Ion Ratio Lower Upper

228 100

226 31.6 24.7 37.1

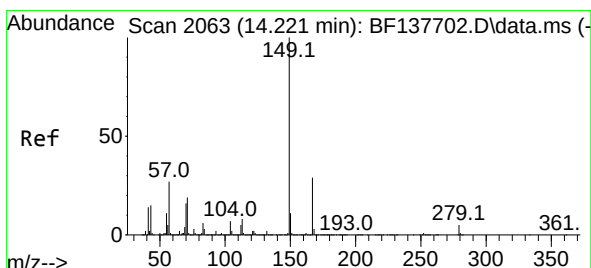
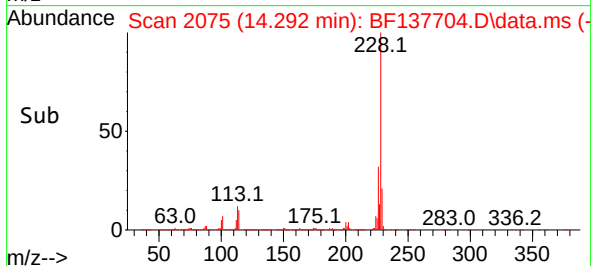
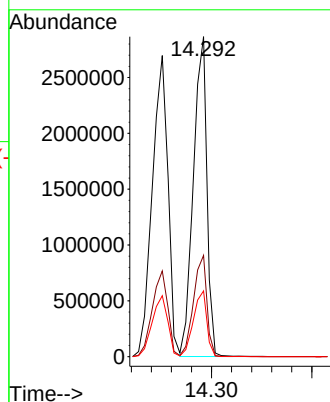
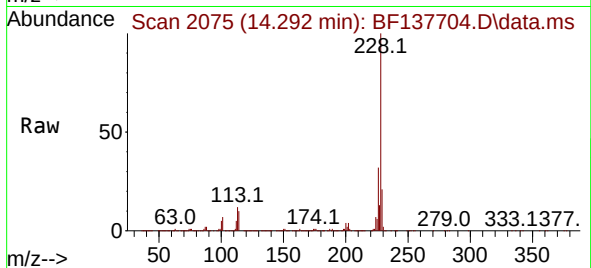
229 20.6 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.445 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF137704.D

Acq: 23 Apr 2024 20:26

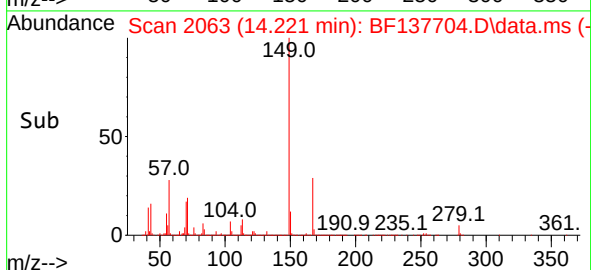
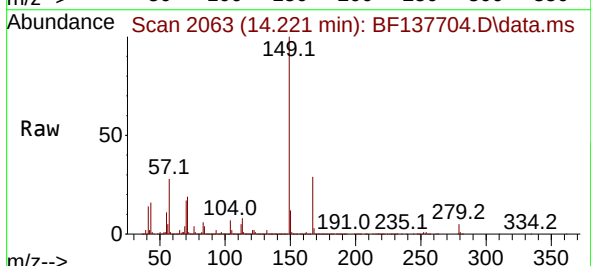
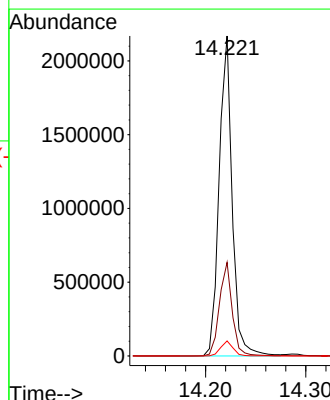
Tgt Ion:149 Resp: 1957082

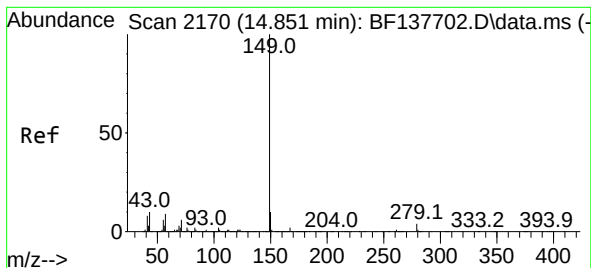
Ion Ratio Lower Upper

149 100

167 29.3 23.4 35.0

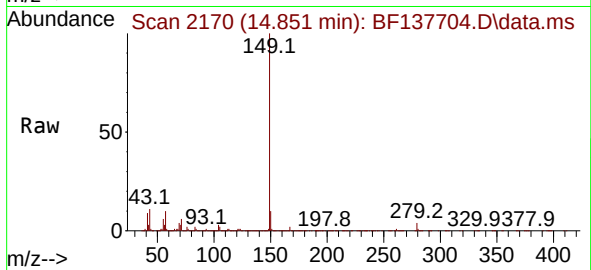
279 4.7 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 61.959 ng
RT: 14.851 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

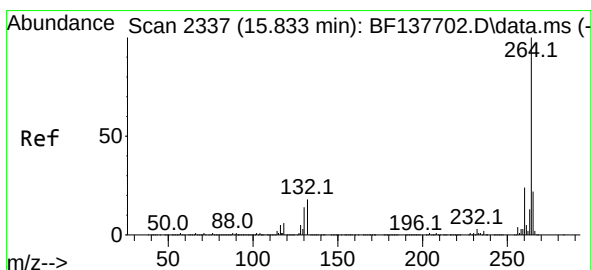
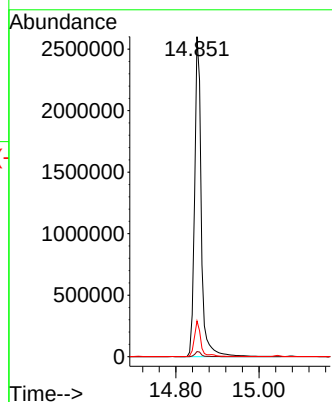
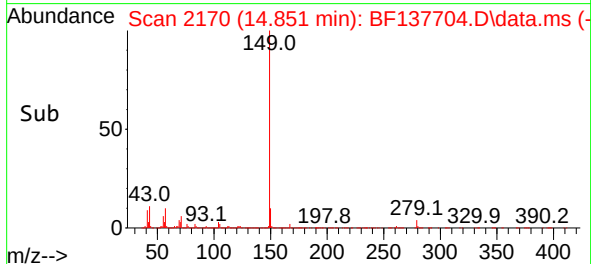
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



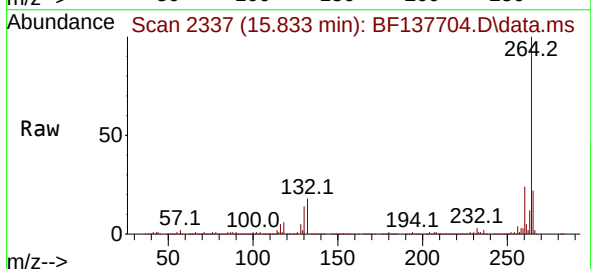
Tgt Ion:149 Resp: 2870919
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 8.8 13.2

Manual Integrations
APPROVED

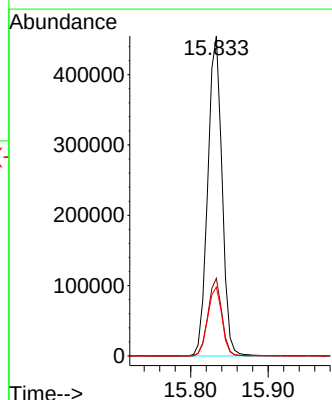
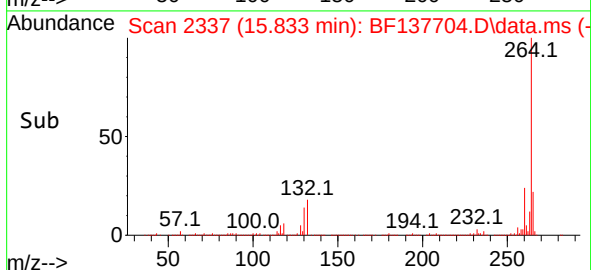
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

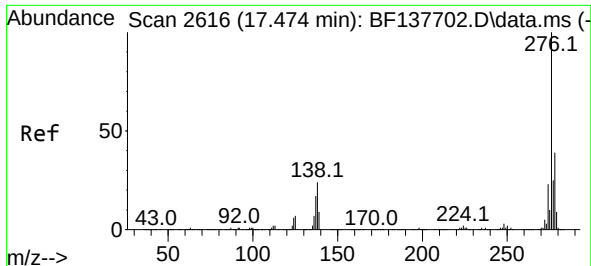


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.833 min Scan# 2337
Delta R.T. 0.000 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:264 Resp: 580465
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.5 17.5 26.3





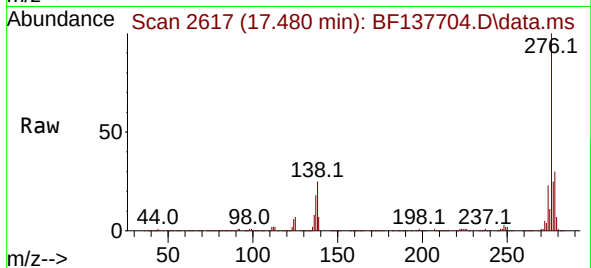
#87
Indeno(1,2,3-cd)pyrene
Concen: 64.891 ng
RT: 17.480 min Scan# 2088550
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



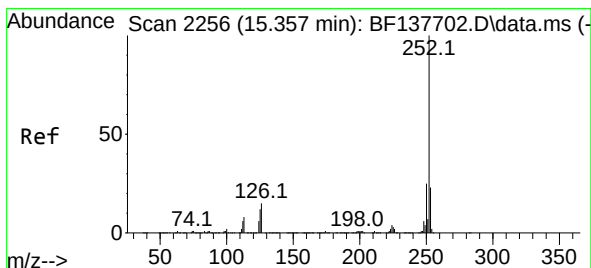
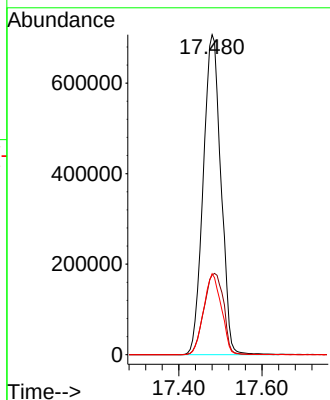
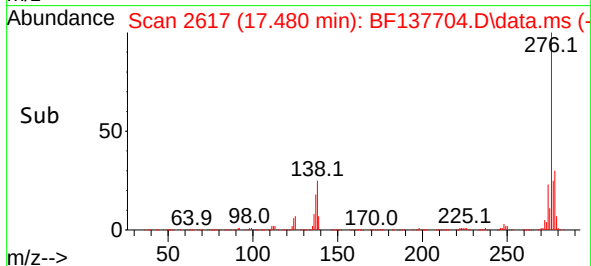
Tgt Ion:276 Resp: 2088550
Ion Ratio Lower Upper
276 100
138 28.2 22.3 33.5
277 25.4 20.2 30.2

Manual Integrations

APPROVED

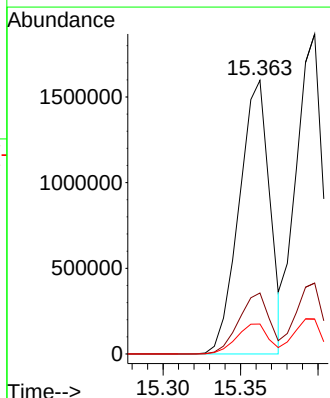
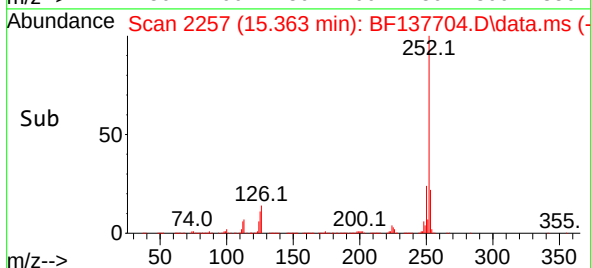
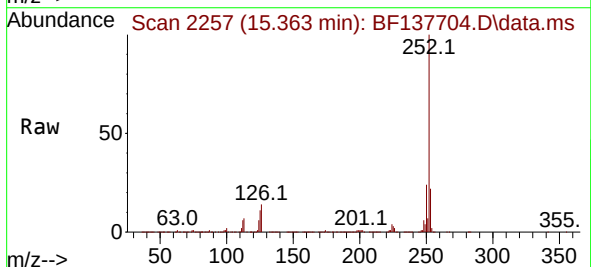
Reviewed By :Yogesh Patel 04/26/2024

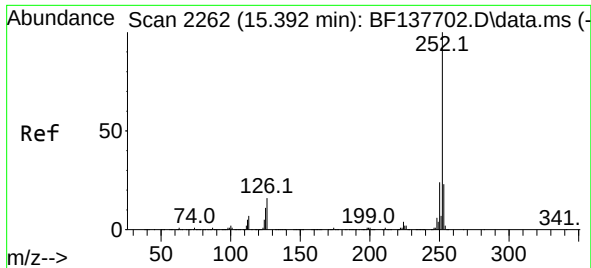
Supervised By :mohammad ahmed 04/27/2024



#88
Benzo(b)fluoranthene
Concen: 59.146 ng
RT: 15.363 min Scan# 2257
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

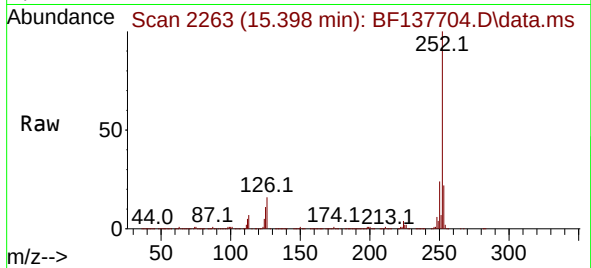
Tgt Ion:252 Resp: 2196970
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.9 9.2 13.8





#89
Benzo(k)fluoranthene
Concen: 60.772 ng
RT: 15.398 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

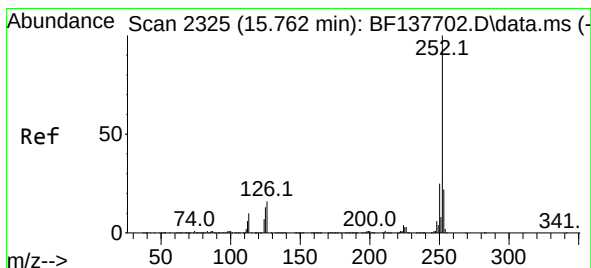
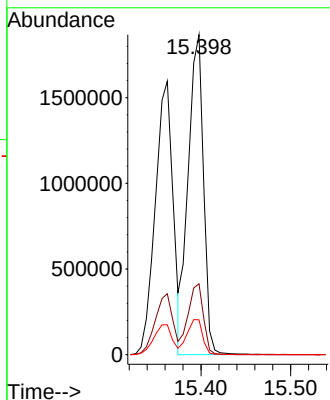
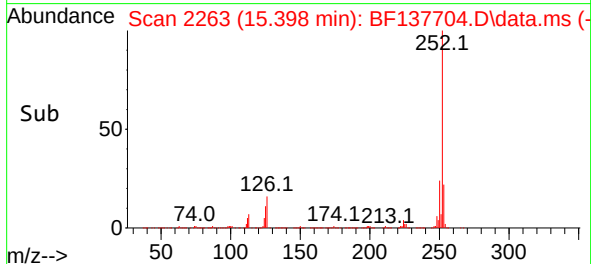
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



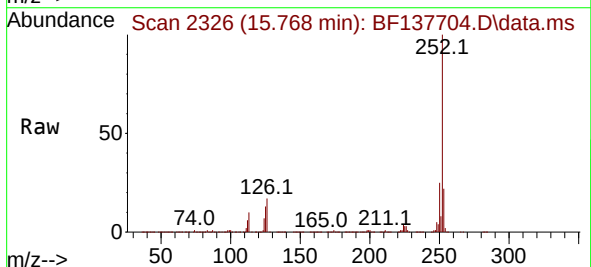
Tgt Ion:252 Resp: 221894
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.9 9.0 13.6

Manual Integrations
APPROVED

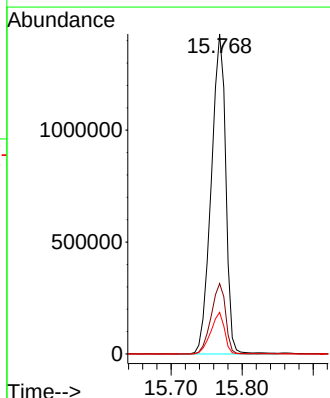
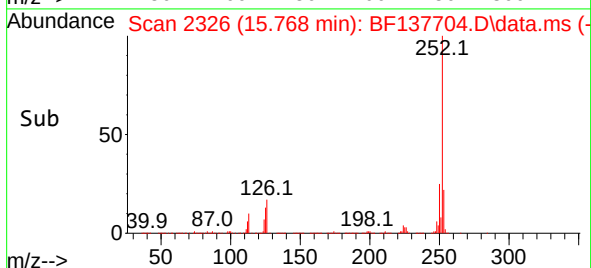
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

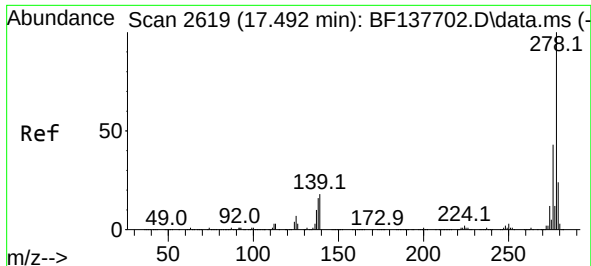


#90
Benzo(a)pyrene
Concen: 60.781 ng
RT: 15.768 min Scan# 2326
Delta R.T. 0.006 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:252 Resp: 2025282
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.0 10.2 15.2





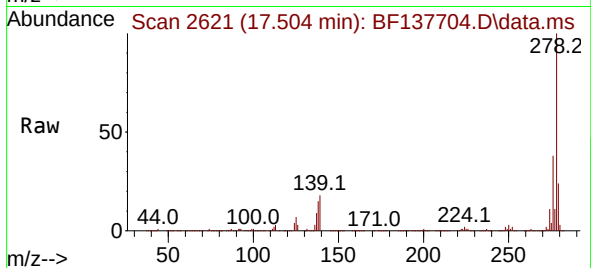
#91
Dibenzo(a,h)anthracene
Concen: 64.839 ng
RT: 17.504 min Scan# 2703
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



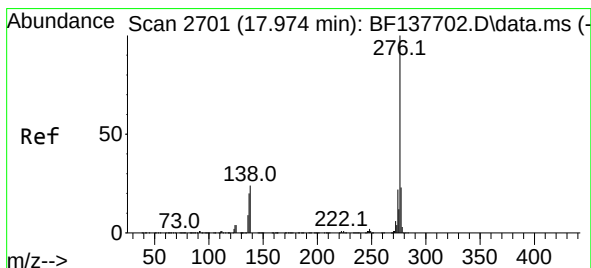
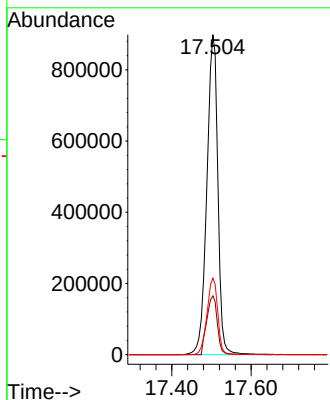
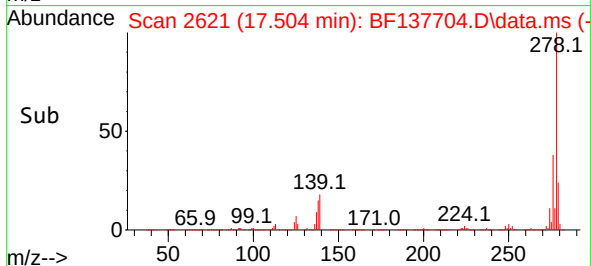
Tgt Ion:278 Resp: 173178
Ion Ratio Lower Upper
278 100
139 18.4 14.7 22.1
279 24.0 19.1 28.7

Manual Integrations

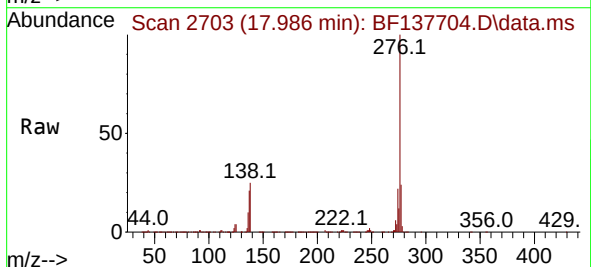
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#92
Benzo(g,h,i)perylene
Concen: 66.482 ng
RT: 17.986 min Scan# 2703
Delta R.T. 0.012 min
Lab File: BF137704.D
Acq: 23 Apr 2024 20:26



Tgt Ion:276 Resp: 1726664
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 24.7 19.5 29.3

