

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137711.D
 Acq On : 24 Apr 2024 11:04
 Operator : CG\JU
 Sample : PB160424BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160424BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 11:52:39 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 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	310971	20.000	ng	0.00
21) Naphthalene-d8	8.351	136	1276117	20.000	ng	0.00
39) Acenaphthene-d10	10.116	164	718357	20.000	ng	0.00
64) Phenanthrene-d10	11.610	188	1226234	20.000	ng	0.00
76) Chrysene-d12	14.263	240	813422	20.000	ng	# 0.00
86) Perylene-d12	15.833	264	644767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	2502371	122.236	ng	0.02
7) Phenol-d6	6.681	99	3187279	122.603	ng	0.00
23) Nitrobenzene-d5	7.628	82	2019982	84.026	ng	0.00
42) 2,4,6-Tribromophenol	10.910	330	940231	129.709	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3789403	78.821	ng	0.00
79) Terphenyl-d14	13.198	244	4338164	85.841	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.116	88	351232	38.316	ng	99
3) Pyridine	3.840	79	903553	37.002	ng	99
4) n-Nitrosodimethylamine	3.810	42	508478	44.617	ng	97
6) Aniline	6.728	93	888572m	27.462	ng	
8) 2-Chlorophenol	6.845	128	1046653	48.978	ng	96
9) Benzaldehyde	6.616	77	45561	3.123	ng	94
10) Phenol	6.693	94	1224416	47.146	ng	94
11) bis(2-Chloroethyl)ether	6.798	93	971837	45.878	ng	99
12) 1,3-Dichlorobenzene	7.004	146	1058561	47.235	ng	99
13) 1,4-Dichlorobenzene	7.081	146	1074026	47.603	ng	98
14) 1,2-Dichlorobenzene	7.234	146	1040242	49.531	ng	99
15) Benzyl Alcohol	7.198	79	894139	45.977	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1493602	45.848	ng	99
17) 2-Methylphenol	7.304	107	844482	44.479	ng	99
18) Hexachloroethane	7.581	117	386808	48.440	ng	98
19) n-Nitroso-di-n-propyla...	7.475	70	751028	44.676	ng	99
20) 3+4-Methylphenols	7.457	107	1079764	44.032	ng	# 88
22) Acetophenone	7.475	105	1419212	45.470	ng	99
24) Nitrobenzene	7.645	77	1093749	45.033	ng	94
25) Isophorone	7.881	82	2062180	46.188	ng	98
26) 2-Nitrophenol	7.963	139	540894	50.748	ng	98
27) 2,4-Dimethylphenol	7.987	122	822543	38.252	ng	99
28) bis(2-Chloroethoxy)met...	8.092	93	1237813	45.390	ng	99
29) 2,4-Dichlorophenol	8.198	162	890522	47.254	ng	97
30) 1,2,4-Trichlorobenzene	8.287	180	912840	47.522	ng	100
31) Naphthalene	8.375	128	2954393	45.369	ng	100
32) Benzoic acid	8.110	122	663964	48.766	ng	99
33) 4-Chloroaniline	8.410	127	417184	15.135	ng	99
34) Hexachlorobutadiene	8.481	225	533569	46.334	ng	98
35) Caprolactam	8.792	113	259529m	42.595	ng	
36) 4-Chloro-3-methylphenol	8.886	107	940314	47.044	ng	99
37) 2-Methylnaphthalene	9.063	142	1978082	44.257	ng	99
38) 1-Methylnaphthalene	9.163	142	1848803	44.242	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	889985	45.191	ng	99
41) Hexachlorocyclopentadiene	9.216	237	1083478	98.188	ng	98
43) 2,4,6-Trichlorophenol	9.334	196	654446	47.369	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137711.D
 Acq On : 24 Apr 2024 11:04
 Operator : CG\JU
 Sample : PB160424BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160424BS

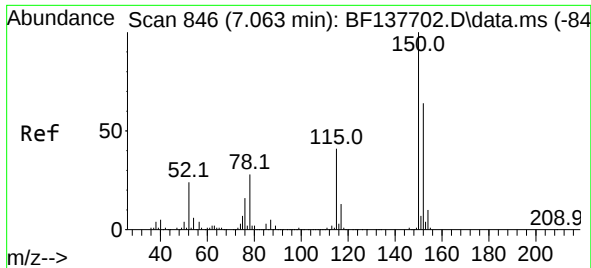
Manual Integrations
 APPROVED

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

Quant Time: Apr 24 11:52:39 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 03:57:12 2024
 Response via : Initial Calibration

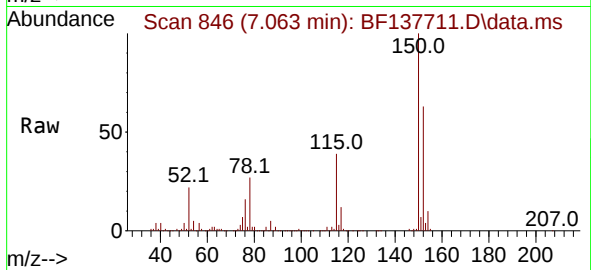
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	698066	44.087	ng	98
46) 1,1'-Biphenyl	9.528	154	2379913	45.541	ng	99
47) 2-Chloronaphthalene	9.557	162	1866641	46.337	ng	99
48) 2-Nitroaniline	9.651	65	588868	47.971	ng	94
49) Acenaphthylene	9.981	152	2933940	46.702	ng	100
50) Dimethylphthalate	9.828	163	2265000	45.255	ng	99
51) 2,6-Dinitrotoluene	9.892	165	500088	47.423	ng	93
52) Acenaphthene	10.151	154	1964432	48.292	ng	99
53) 3-Nitroaniline	10.063	138	340753	28.754	ng	98
54) 2,4-Dinitrophenol	10.169	184	543424	95.804	ng	# 45
55) Dibenzofuran	10.322	168	2653865	44.507	ng	98
56) 4-Nitrophenol	10.216	139	878963	95.375	ng	99
57) 2,4-Dinitrotoluene	10.298	165	684633	51.498	ng	99
58) Fluorene	10.669	166	2076665	44.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.433	232	579594	47.274	ng	99
60) Diethylphthalate	10.533	149	2190863	45.511	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	1026350	44.582	ng	99
62) 4-Nitroaniline	10.686	138	528069	46.783	ng	100
63) Azobenzene	10.816	77	2206422	44.729	ng	97
65) 4,6-Dinitro-2-methylph...	10.704	198	375726	53.440	ng	95
66) n-Nitrosodiphenylamine	10.775	169	1872666	45.090	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	653029	45.959	ng	98
68) Hexachlorobenzene	11.210	284	673838	48.679	ng	96
69) Atrazine	11.298	200	622417	54.215	ng	98
70) Pentachlorophenol	11.404	266	918264	88.186	ng	100
71) Phenanthrene	11.633	178	2905680	44.764	ng	99
72) Anthracene	11.686	178	2981505	44.856	ng	100
73) Carbazole	11.839	167	2745877	45.584	ng	99
74) Di-n-butylphthalate	12.157	149	3324856	45.278	ng	99
75) Fluoranthene	12.827	202	3060081	44.850	ng	97
77) Benzidine	12.939	184	735556	38.716	ng	99
78) Pyrene	13.063	202	3105845	46.519	ng	99
80) Butylbenzylphthalate	13.669	149	1221838	51.606	ng	91
81) Benzo(a)anthracene	14.251	228	2672065	47.098	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	535606	30.512	ng	98
83) Chrysene	14.292	228	2454512	46.302	ng	100
84) Bis(2-ethylhexyl)phtha...	14.221	149	1867100	52.218	ng	99
85) Di-n-octyl phthalate	14.851	149	2794557	52.031	ng	99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1893914	52.975	ng	99
88) Benzo(b)fluoranthene	15.357	252	2035474	49.334	ng	100
89) Benzo(k)fluoranthene	15.392	252	2001959	49.361	ng	99
90) Benzo(a)pyrene	15.768	252	1773754	47.923	ng	99
91) Dibenzo(a,h)anthracene	17.504	278	1540319	51.919	ng	99
92) Benzo(g,h,i)perylene	17.986	276	1458517	50.557	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

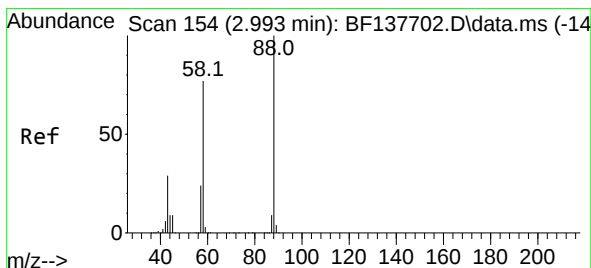
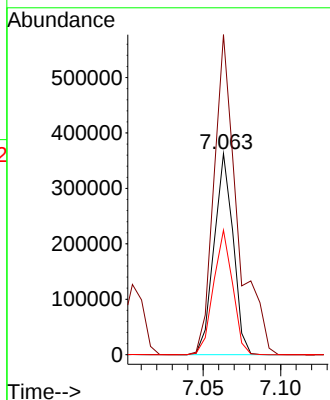
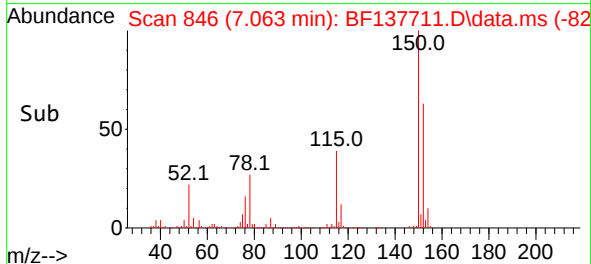
Instrument :
BNA_F
ClientSampleId :
PB160424BS



Tgt Ion:152 Resp: 31097
Ion Ratio Lower Upper
152 100
150 159.0 124.2 186.4
115 61.9 50.8 76.2

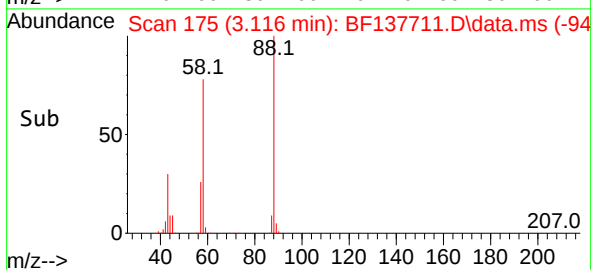
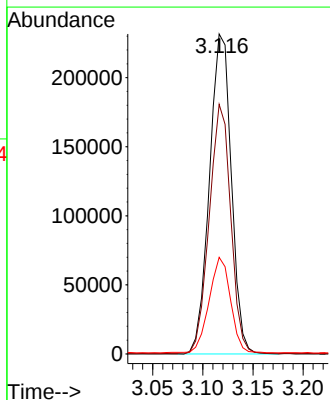
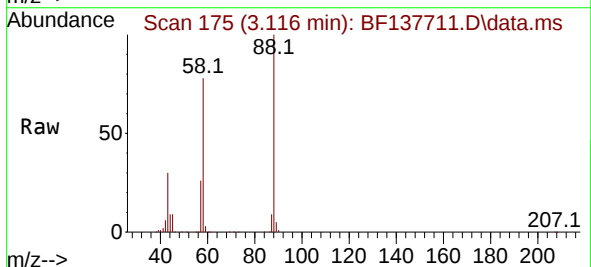
Manual Integrations
APPROVED

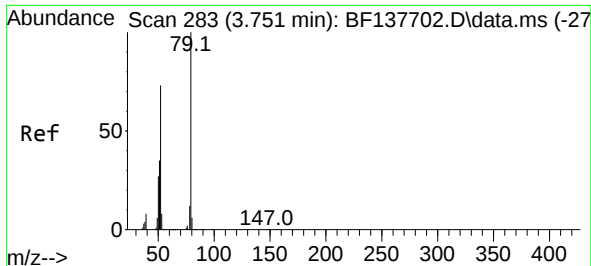
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#2
1,4-Dioxane
Concen: 38.316 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.124 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion: 88 Resp: 351232
Ion Ratio Lower Upper
88 100
58 76.4 62.4 93.6
43 29.4 23.7 35.5





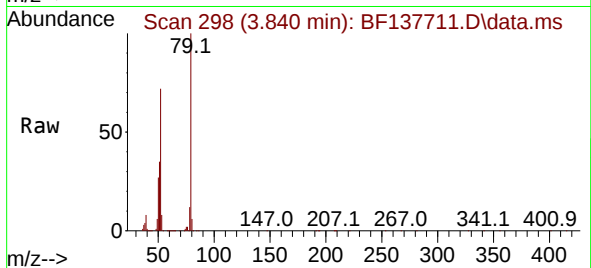
#3
Pyridine
Concen: 37.002 ng
RT: 3.840 min Scan# 298
Delta R.T. 0.088 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

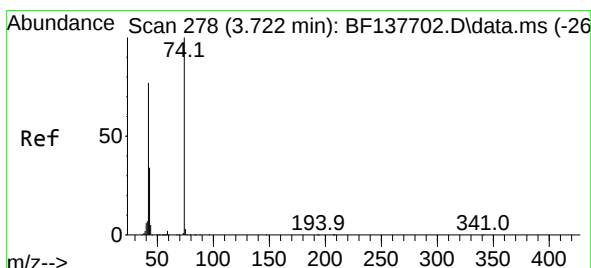
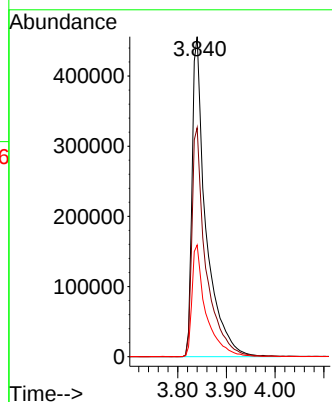
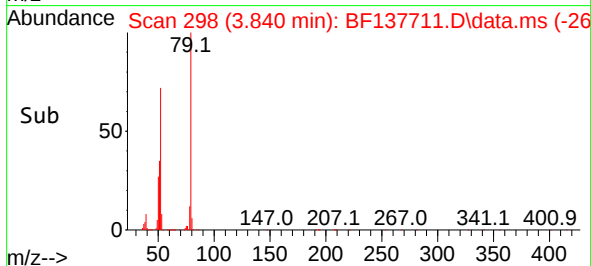
PB160424BS



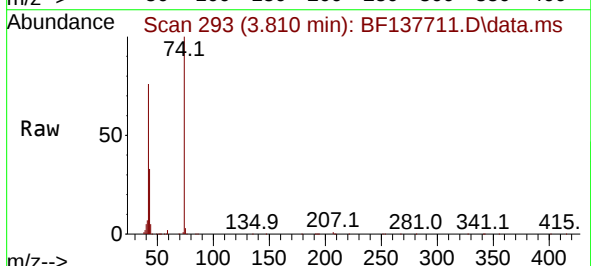
Tgt Ion: 79 Resp: 90355
Ion Ratio Lower Upper
79 100
52 71.6 58.0 87.0
51 34.9 27.9 41.9

Manual Integrations
APPROVED

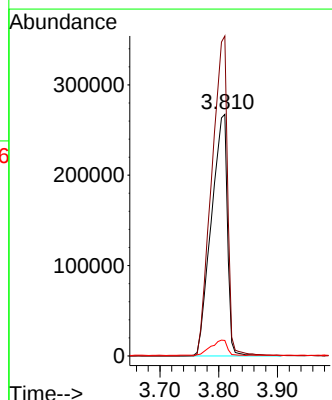
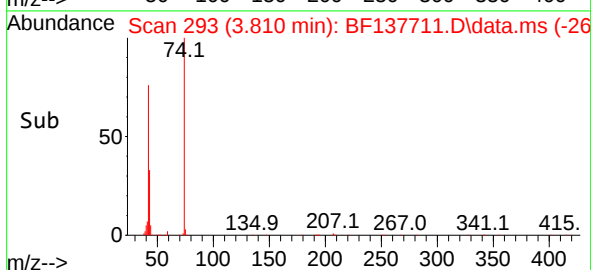
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

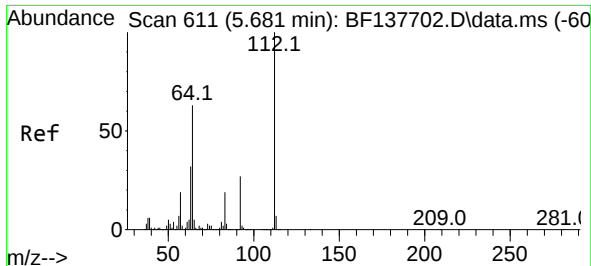


#4
n-Nitrosodimethylamine
Concen: 44.617 ng
RT: 3.810 min Scan# 293
Delta R.T. 0.088 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion: 42 Resp: 508478
Ion Ratio Lower Upper
42 100
74 132.4 103.4 155.2
44 6.4 5.5 8.3





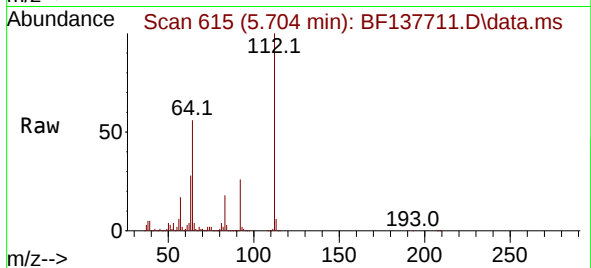
#5
2-Fluorophenol
Concen: 122.236 ng
RT: 5.704 min Scan# 611
Delta R.T. 0.024 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



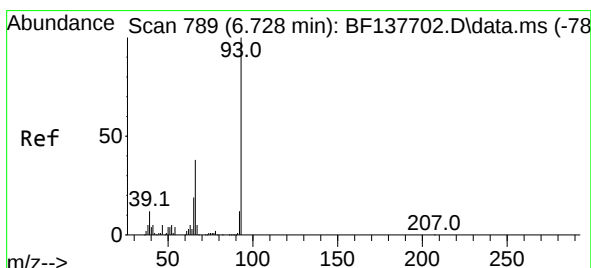
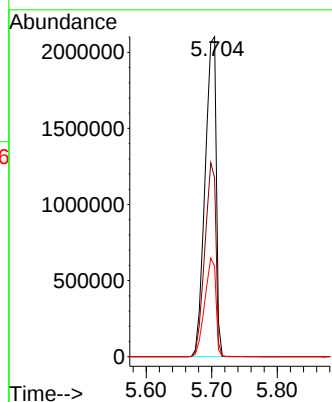
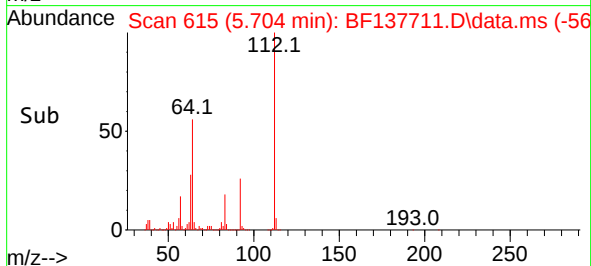
Tgt Ion:112 Resp: 250237
Ion Ratio Lower Upper
112 100
64 55.9 50.1 75.1
63 28.2 25.2 37.8

Manual Integrations

APPROVED

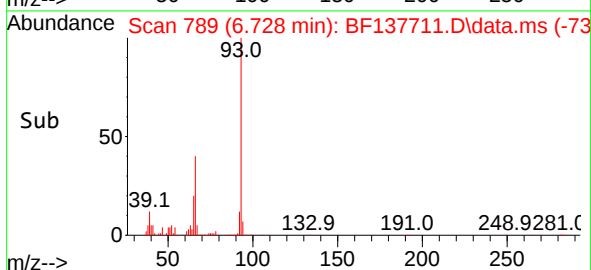
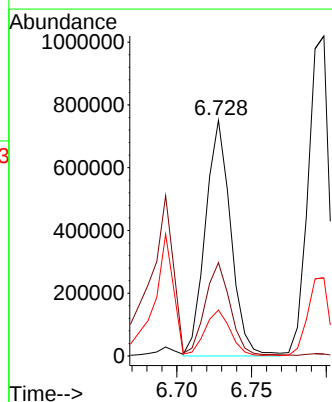
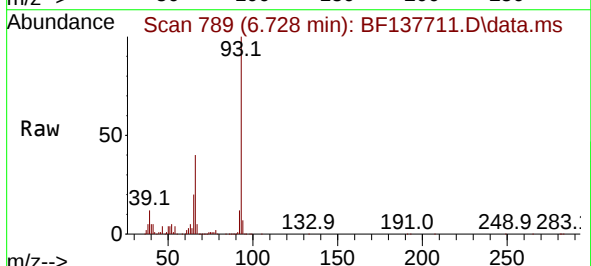
Reviewed By :Yogesh Patel 04/26/2024

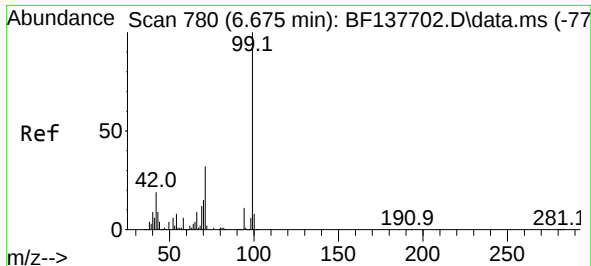
Supervised By :mohammad ahmed 04/27/2024



#6
Aniline
Concen: 27.462 ng m
RT: 6.728 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

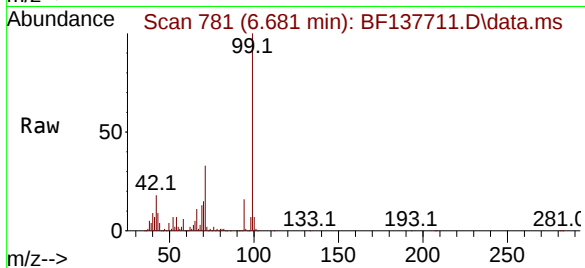
Tgt Ion: 93 Resp: 888572
Ion Ratio Lower Upper
93 100
66 39.6 32.1 48.1
65 19.5 16.4 24.6





#7
Phenol-d6
Concen: 122.603 ng
RT: 6.681 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

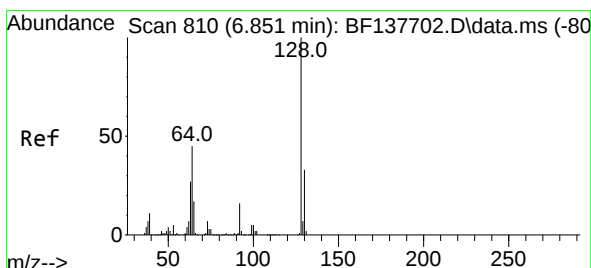
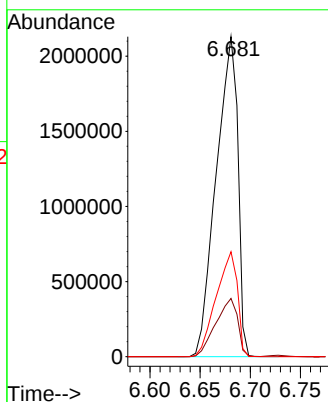
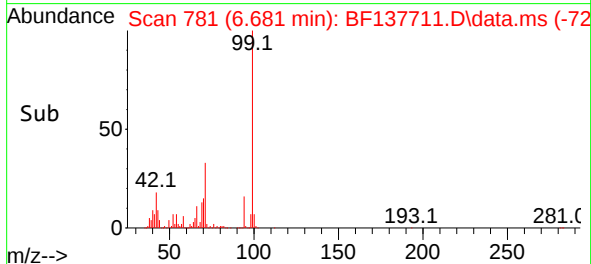
Instrument :
BNA_F
ClientSampleId :
PB160424BS



Tgt Ion: 99 Resp: 3187279
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 32.8 25.7 38.5

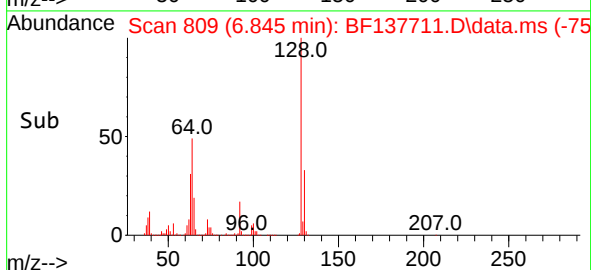
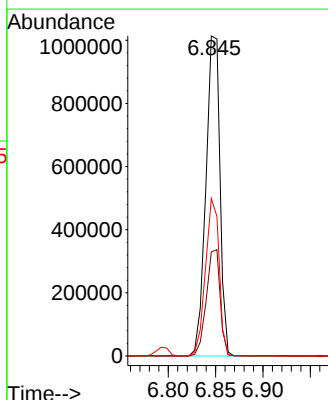
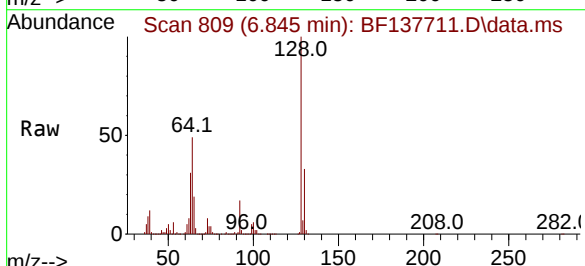
Manual Integrations
APPROVED

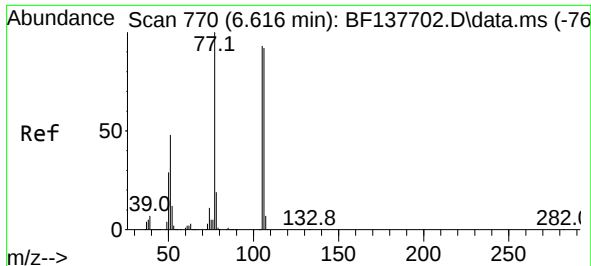
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#8
2-Chlorophenol
Concen: 48.978 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:128 Resp: 1046653
Ion Ratio Lower Upper
128 100
130 32.5 13.2 53.2
64 49.2 24.7 64.7





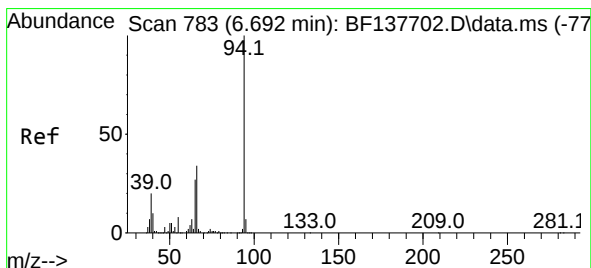
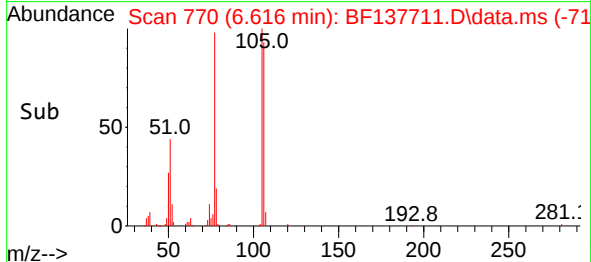
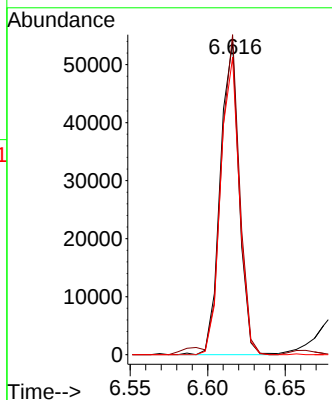
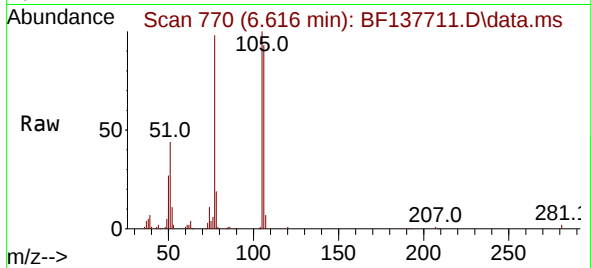
#9
Benzaldehyde
Concen: 3.123 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB160424BS

Tgt Ion: 77 Resp: 4556
Ion Ratio Lower Upper
77 100
105 102.5 73.3 113.3
106 95.2 72.1 112.1

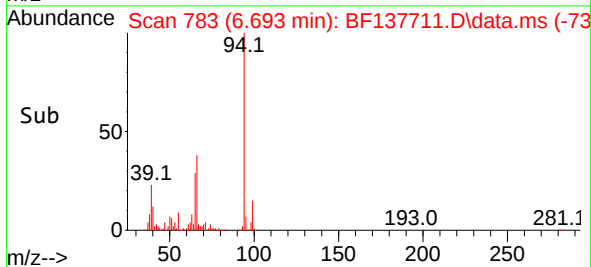
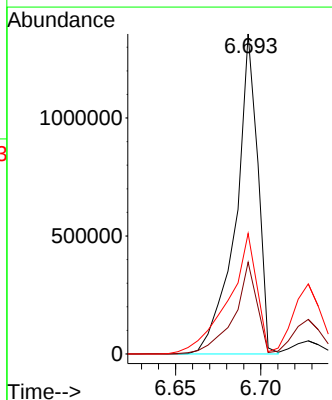
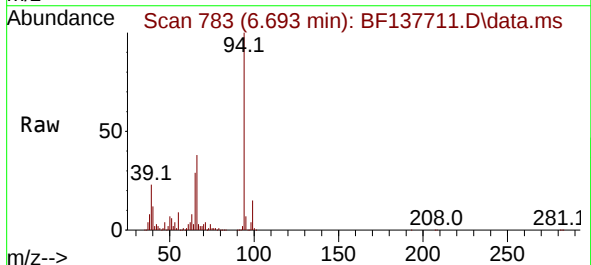
Manual Integrations
APPROVED

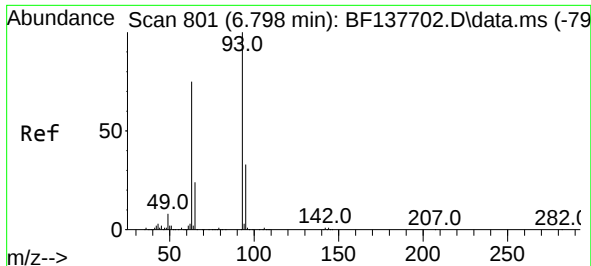
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Phenol
Concen: 47.146 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

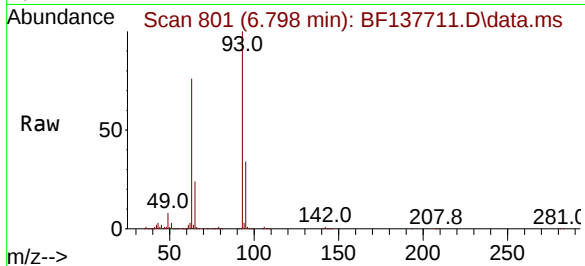
Tgt Ion: 94 Resp: 1224416
Ion Ratio Lower Upper
94 100
65 28.7 6.5 46.5
66 37.7 13.9 53.9





#11
bis(2-Chloroethyl)ether
Concen: 45.878 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

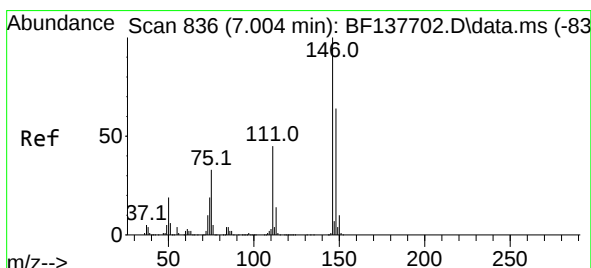
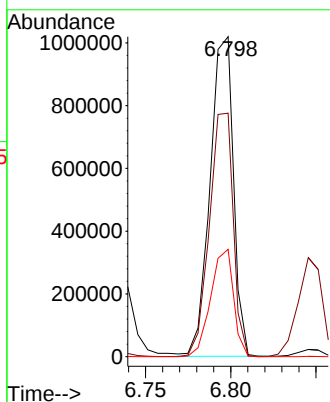
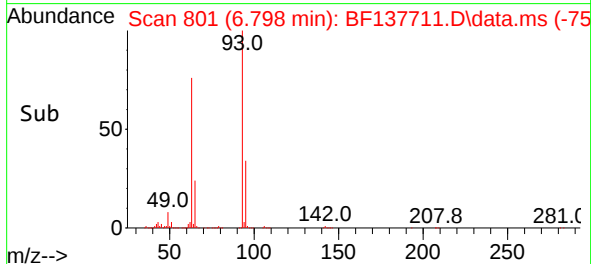
Instrument :
BNA_F
ClientSampleId :
PB160424BS



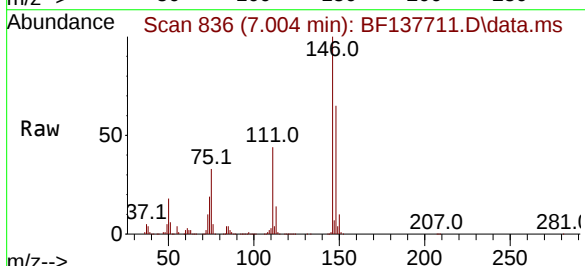
Tgt Ion: 93 Resp: 97183
Ion Ratio Lower Upper
93 100
63 76.1 54.8 94.8
95 33.5 13.2 53.2

Manual Integrations
APPROVED

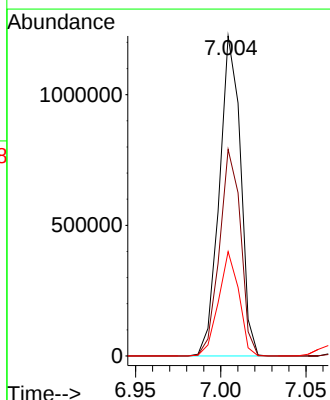
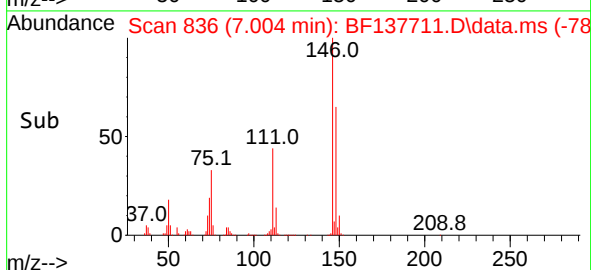
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

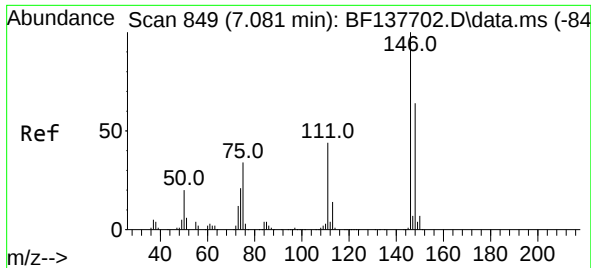


#12
1,3-Dichlorobenzene
Concen: 47.235 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



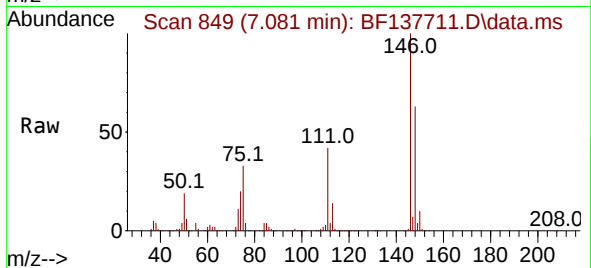
Tgt Ion:146 Resp: 1058561
Ion Ratio Lower Upper
146 100
148 64.5 50.8 76.2
75 32.6 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 47.603 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

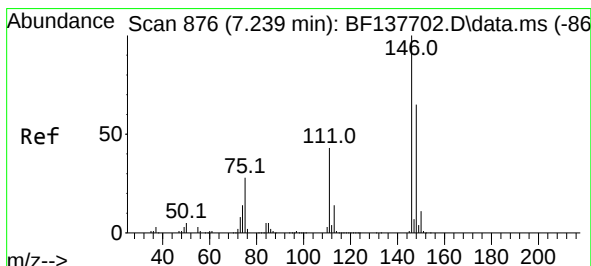
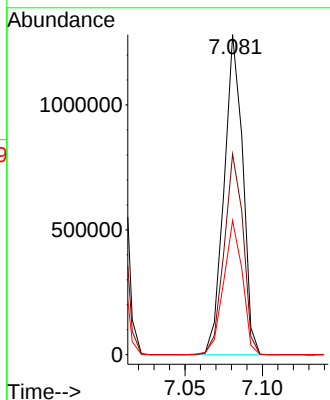
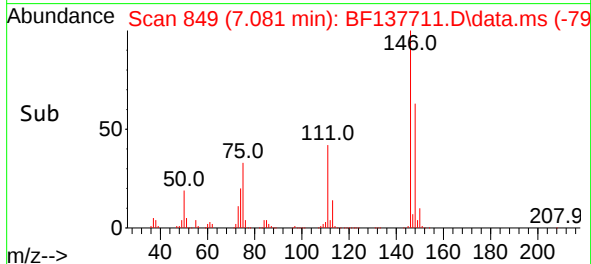
Instrument :
BNA_F
ClientSampleId :
PB160424BS



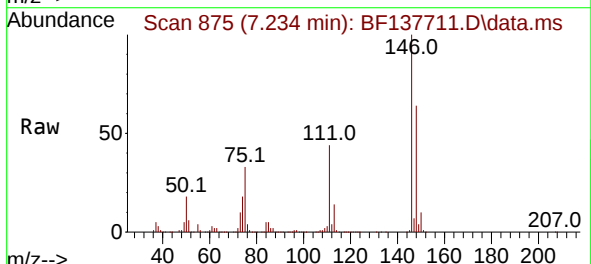
Tgt Ion:146 Resp: 1074020
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.6
111 41.9 35.0 52.6

Manual Integrations
APPROVED

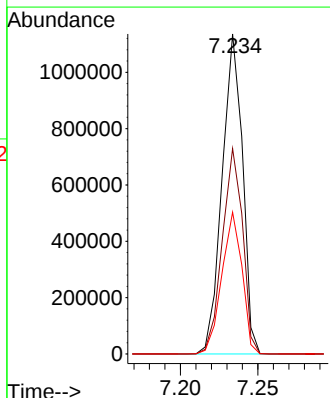
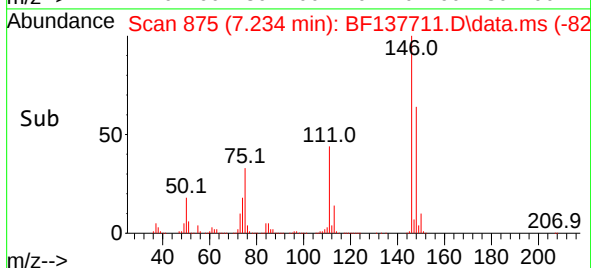
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

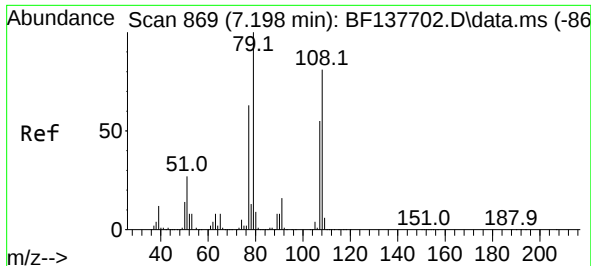


#14
1,2-Dichlorobenzene
Concen: 49.531 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:146 Resp: 1040242
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
111 44.3 34.5 51.7





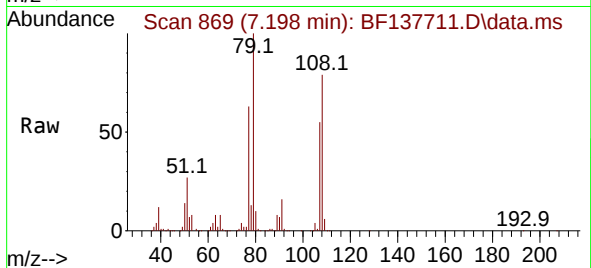
#15
Benzyl Alcohol
Concen: 45.977 ng
RT: 7.198 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



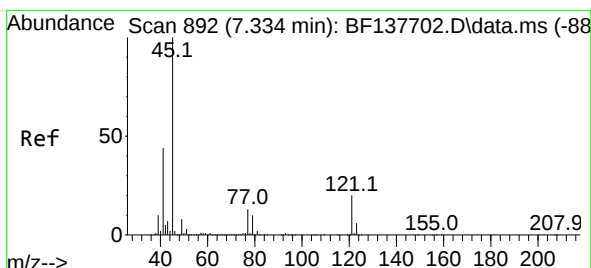
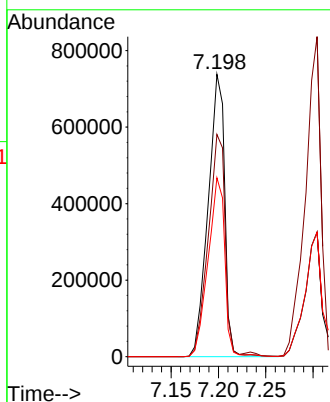
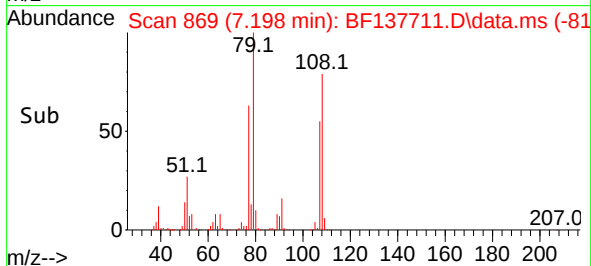
Tgt Ion: 79 Resp: 894139
Ion Ratio Lower Upper
79 100
108 78.7 64.8 97.2
77 63.4 50.3 75.5

Manual Integrations

APPROVED

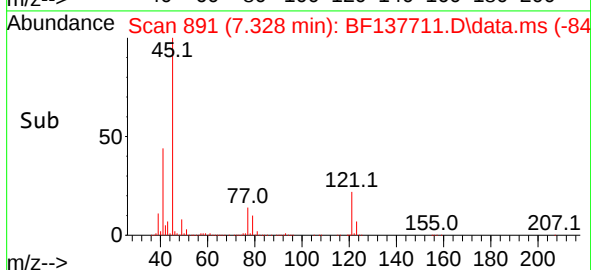
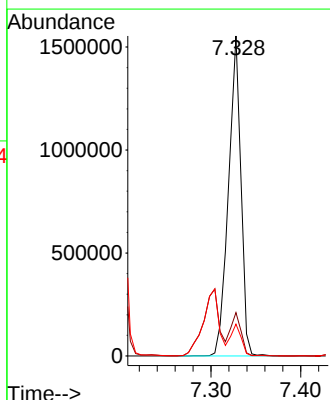
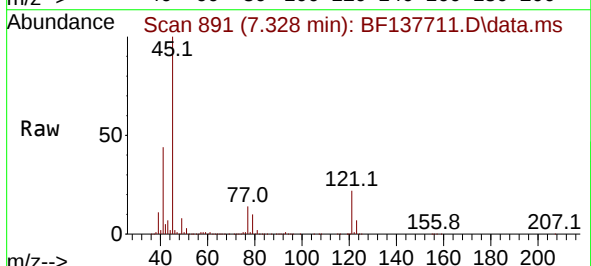
Reviewed By :Yogesh Patel 04/26/2024

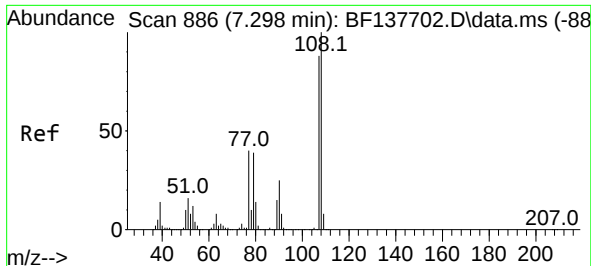
Supervised By :mohammad ahmed 04/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.848 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion: 45 Resp: 1493602
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.8
79 10.0 0.0 30.1





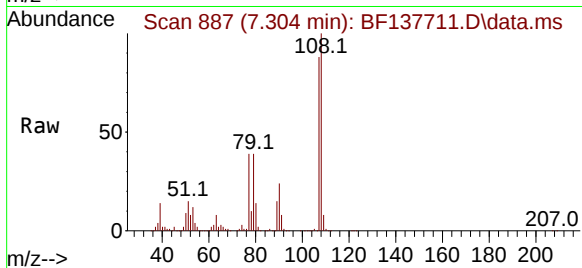
#17
2-Methylphenol
Concen: 44.479 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



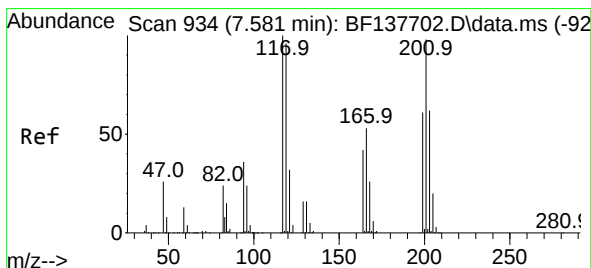
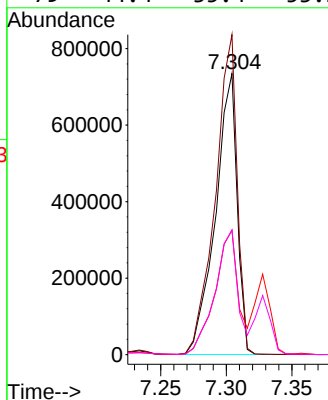
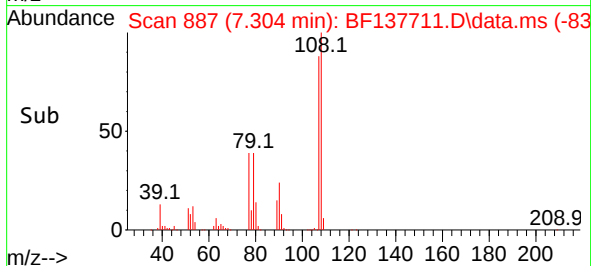
Tgt Ion:107 Resp: 84448
Ion Ratio Lower Upper
107 100
108 113.9 90.6 135.8
77 44.3 35.8 53.8
79 44.4 35.4 53.2

Manual Integrations

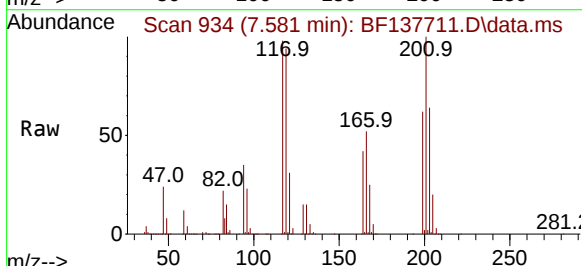
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

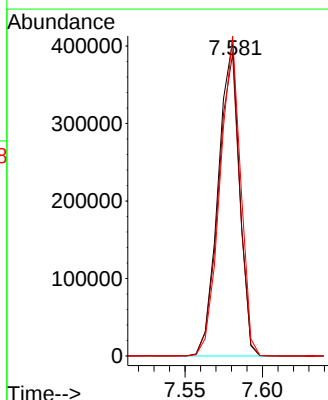
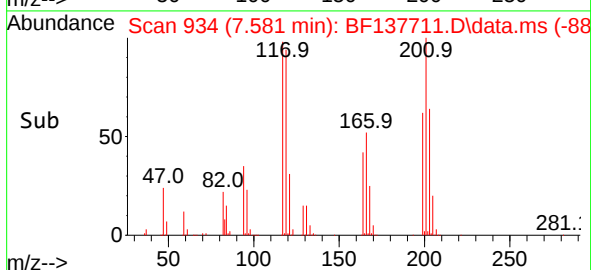
Supervised By :mohammad ahmed 04/27/2024

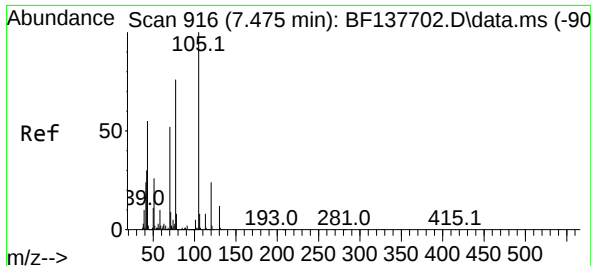


#18
Hexachloroethane
Concen: 48.440 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:117 Resp: 386808
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7
201 101.7 78.1 117.1





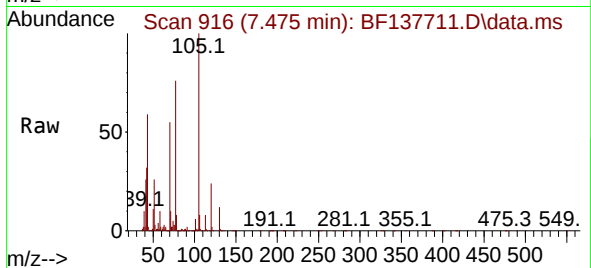
#19
n-Nitroso-di-n-propylamine
Concen: 44.676 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



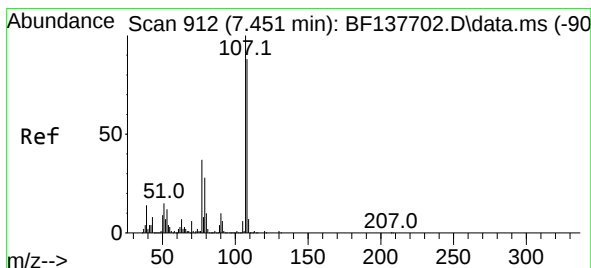
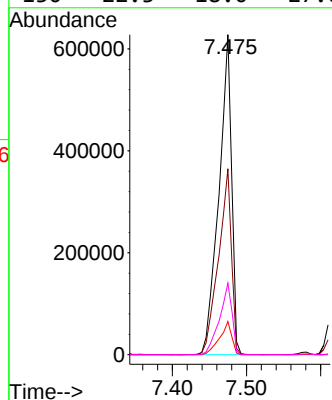
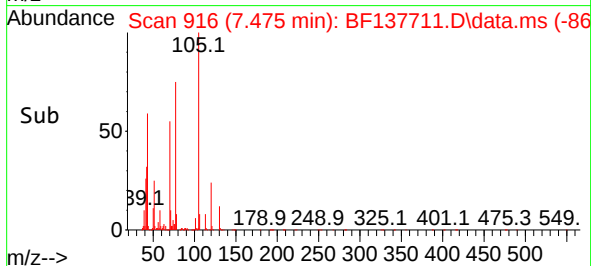
Tgt Ion: 70 Resp: 751028
Ion Ratio Lower Upper
70 100
42 58.1 45.9 68.9
101 10.3 8.0 12.0
130 22.3 18.0 27.0

Manual Integrations

APPROVED

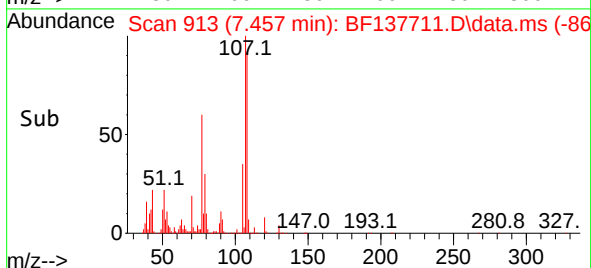
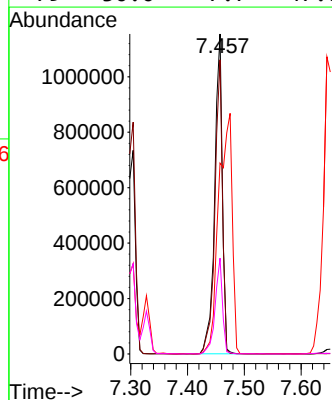
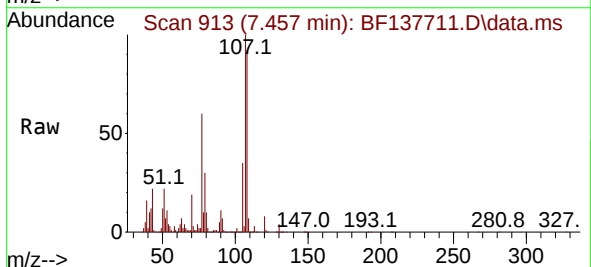
Reviewed By :Yogesh Patel 04/26/2024

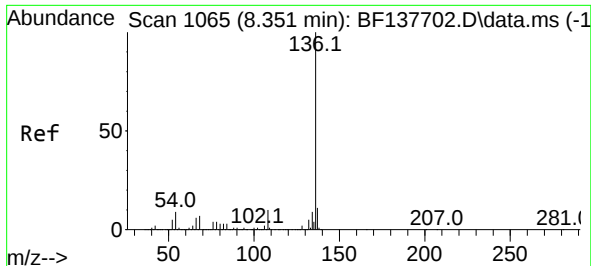
Supervised By :mohammad ahmed 04/27/2024



#20
3+4-Methylphenols
Concen: 44.032 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:107 Resp: 1079764
Ion Ratio Lower Upper
107 100
108 91.9 68.2 108.2
77 59.6 16.8 56.8#
79 30.0 7.7 47.7





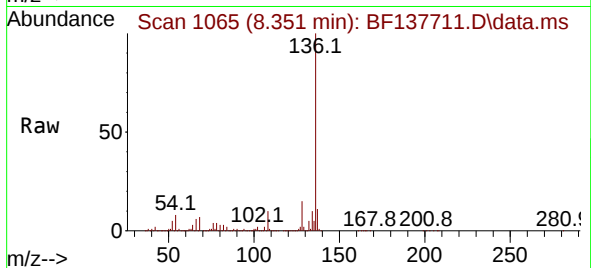
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.351 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



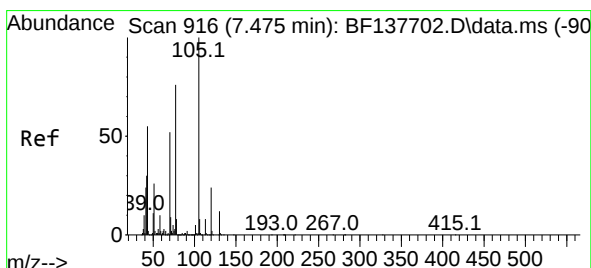
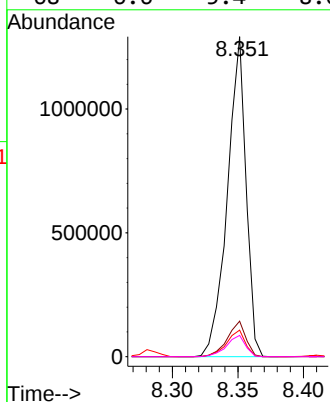
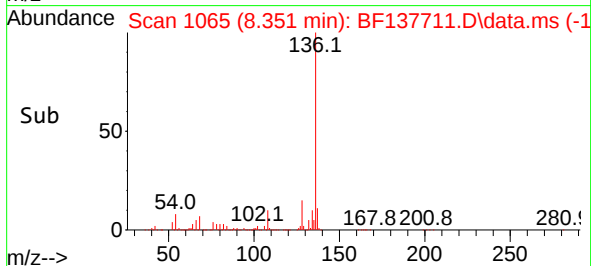
Tgt Ion:136 Resp: 127611
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.3 6.9 10.3
68 6.6 5.4 8.0

Manual Integrations

APPROVED

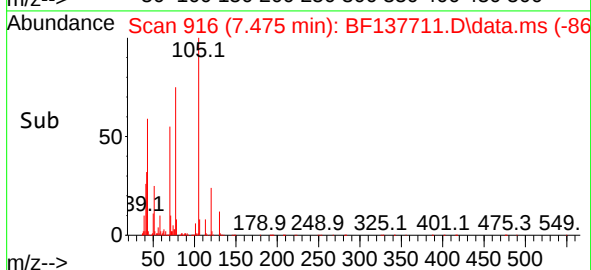
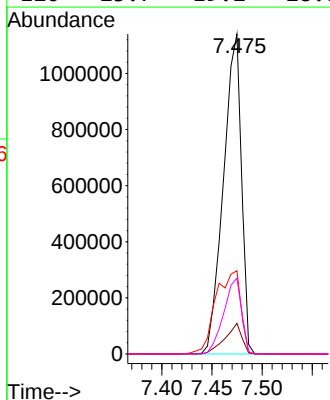
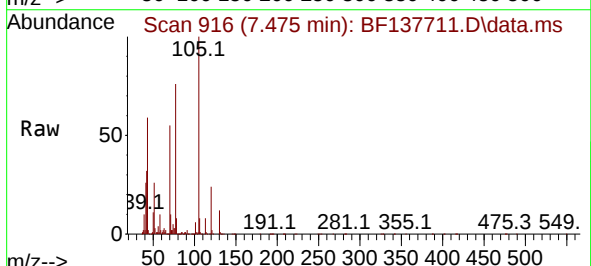
Reviewed By :Yogesh Patel 04/26/2024

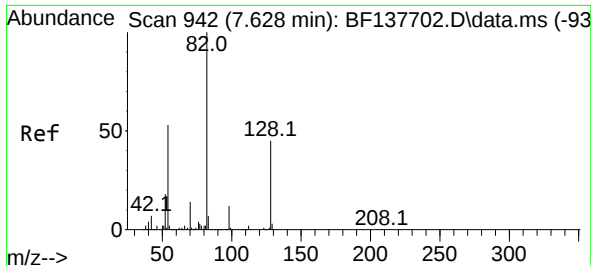
Supervised By :mohammad ahmed 04/27/2024



#22
Acetophenone
Concen: 45.470 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:105 Resp: 1419212
Ion Ratio Lower Upper
105 100
71 9.5 7.0 10.6
51 26.0 20.5 30.7
120 23.7 19.2 28.8





#23

Nitrobenzene-d5

Concen: 84.026 ng

RT: 7.628 min Scan# 942

Delta R.T. 0.000 min

Lab File: BF137711.D

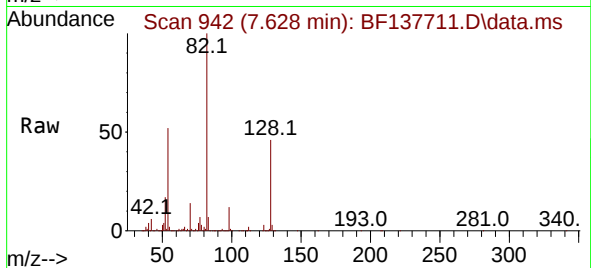
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



Tgt Ion: 82 Resp: 201998

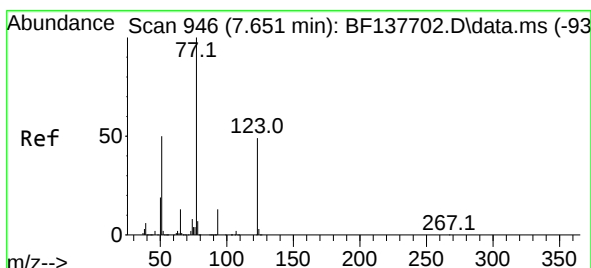
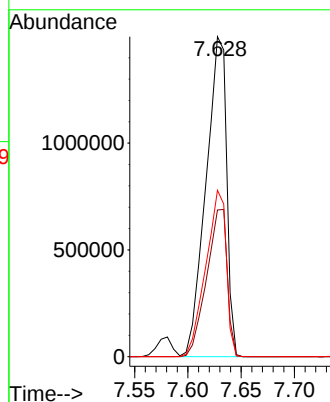
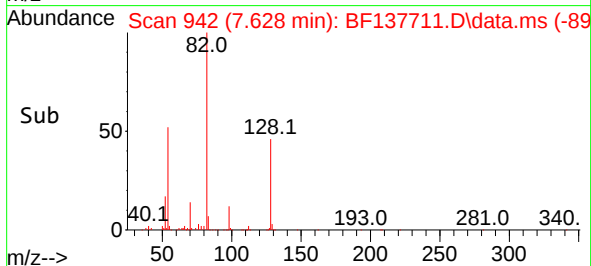
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.8	53.6
54	52.0	42.5	63.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#24

Nitrobenzene

Concen: 45.033 ng

RT: 7.645 min Scan# 945

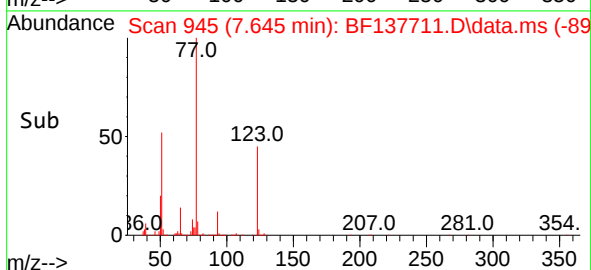
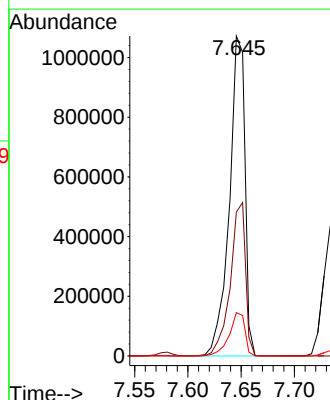
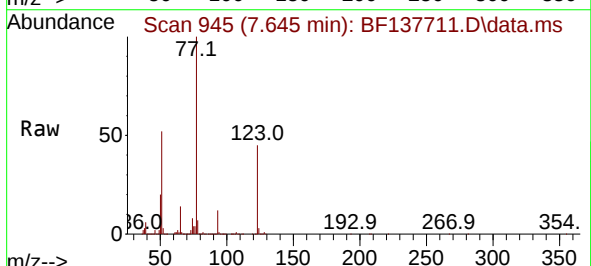
Delta R.T. -0.006 min

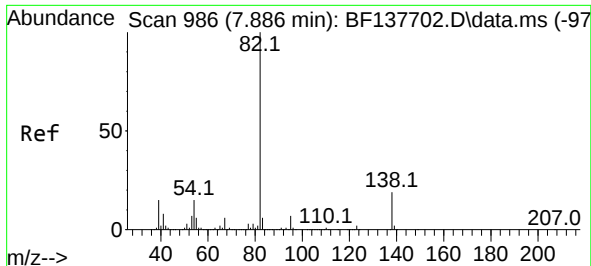
Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Tgt Ion: 77 Resp: 1093749

Ion	Ratio	Lower	Upper
77	100		
123	45.0	40.4	60.6
65	13.6	10.7	16.1





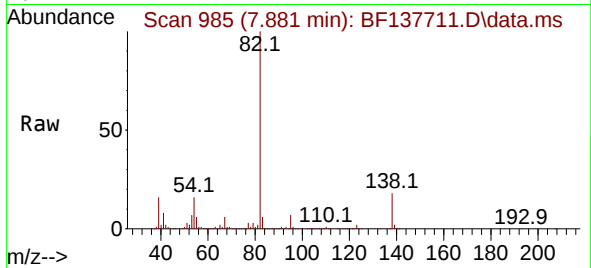
#25
Isophorone
Concen: 46.188 ng
RT: 7.881 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS

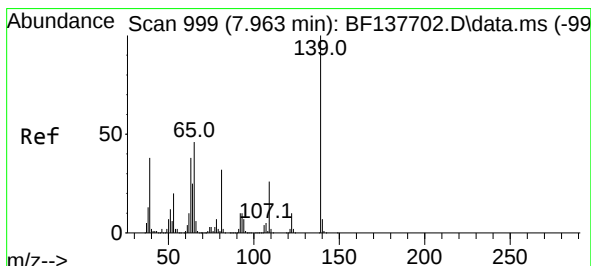
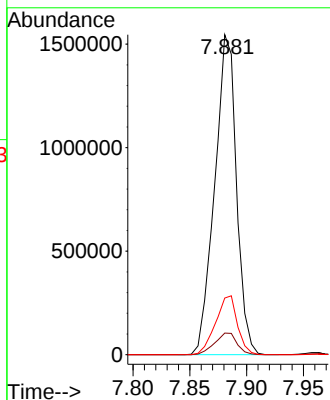
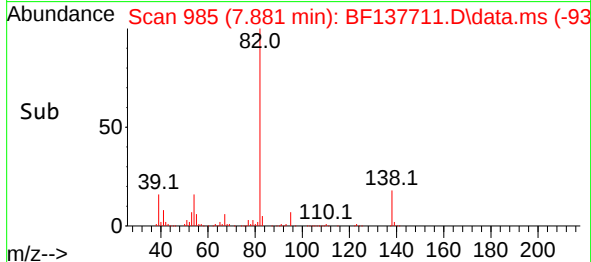


Tgt Ion: 82 Resp: 2062180
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.7 15.3 22.9

Manual Integrations

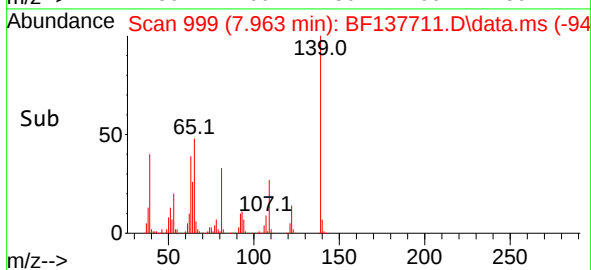
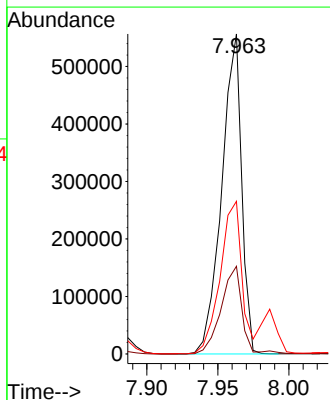
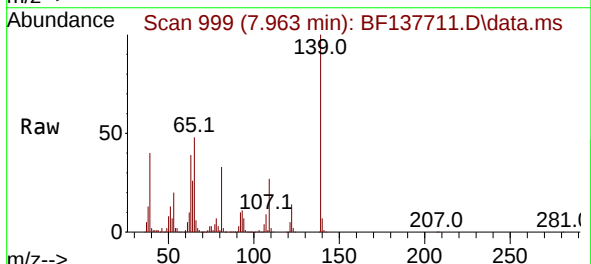
APPROVED

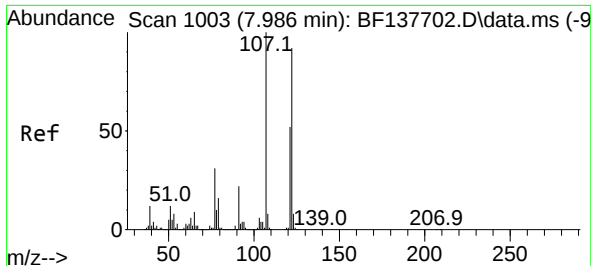
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#26
2-Nitrophenol
Concen: 50.748 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:139 Resp: 540894
Ion Ratio Lower Upper
139 100
109 27.4 21.1 31.7
65 47.7 37.1 55.7





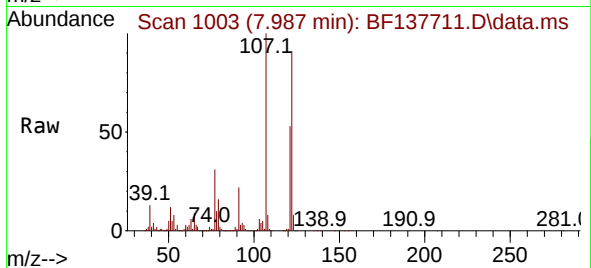
#27
2,4-Dimethylphenol
Concen: 38.252 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



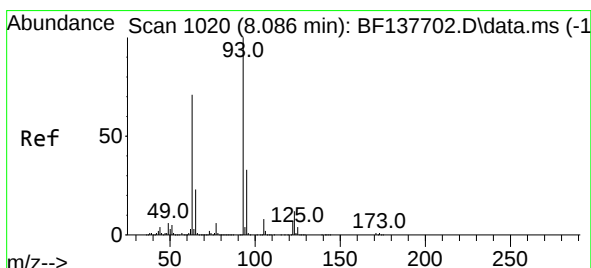
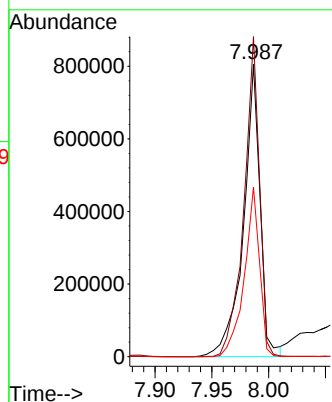
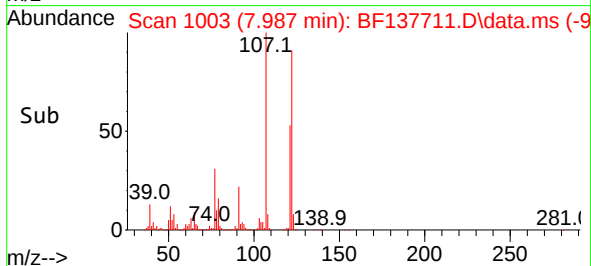
Tgt Ion:122 Resp: 82254
Ion Ratio Lower Upper
122 100
107 109.4 87.2 130.8
121 58.0 45.2 67.8

Manual Integrations

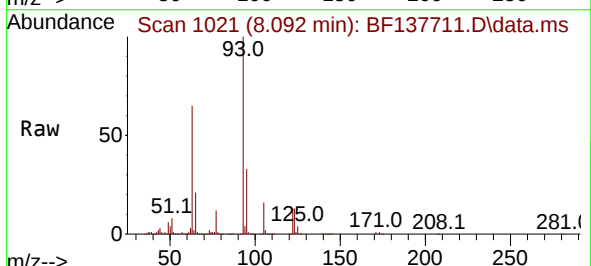
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

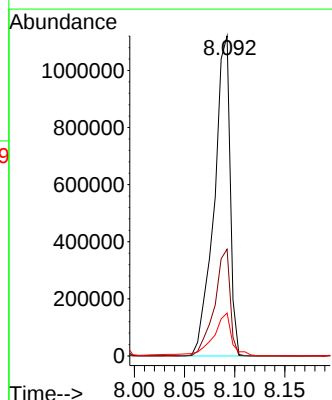
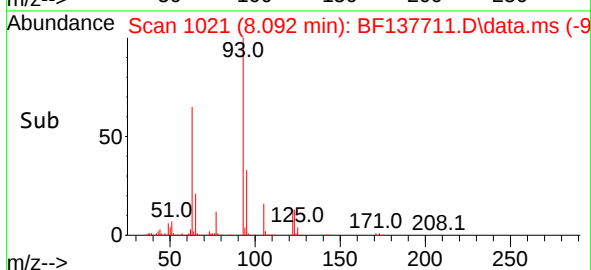
Supervised By :mohammad ahmed 04/27/2024

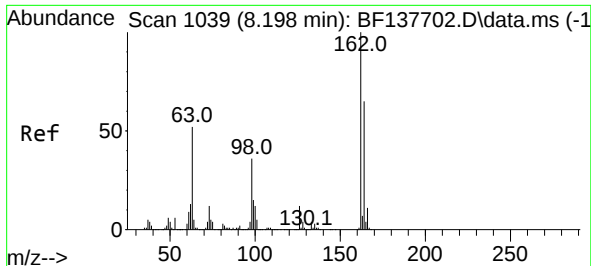


#28
bis(2-Chloroethoxy)methane
Concen: 45.390 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion: 93 Resp: 1237813
Ion Ratio Lower Upper
93 100
95 33.4 26.5 39.7
123 13.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 47.254 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS

Tgt Ion:162 Resp: 89052

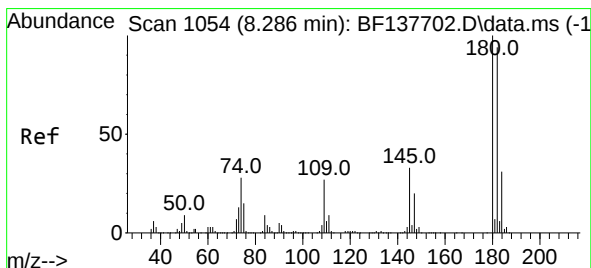
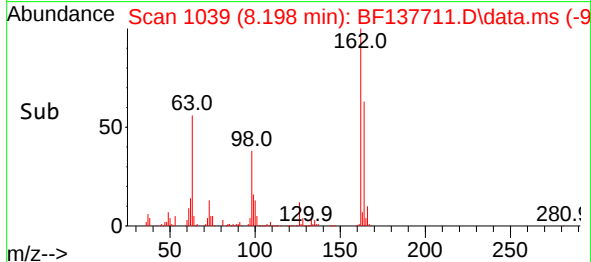
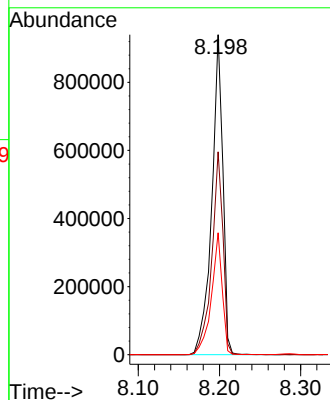
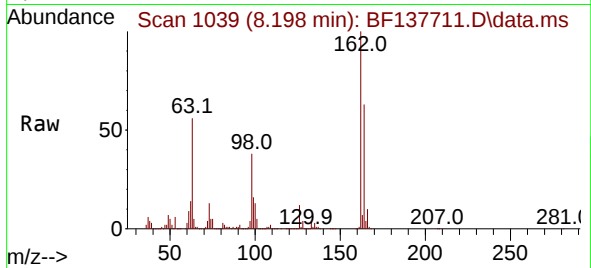
Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.2	85.2
98	38.1	15.7	55.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.522 ng

RT: 8.287 min Scan# 1054

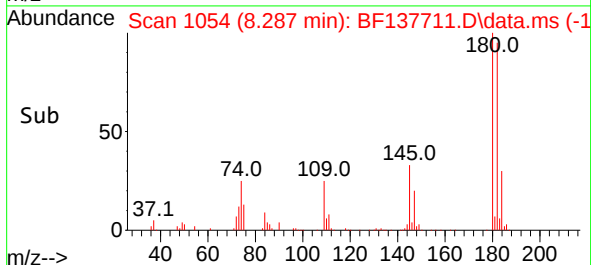
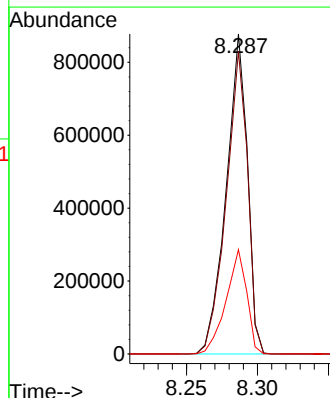
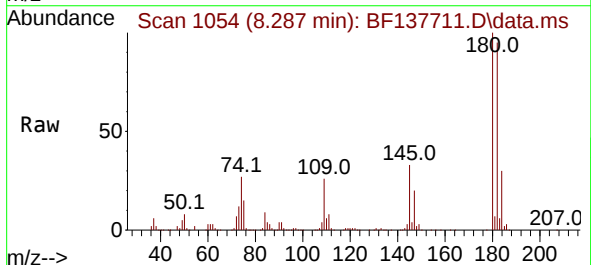
Delta R.T. 0.000 min

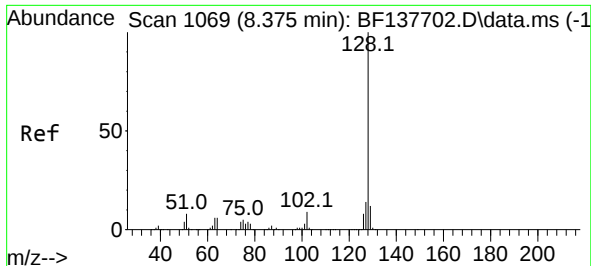
Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Tgt Ion:180 Resp: 912840

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.4	113.2
145	32.6	26.3	39.5





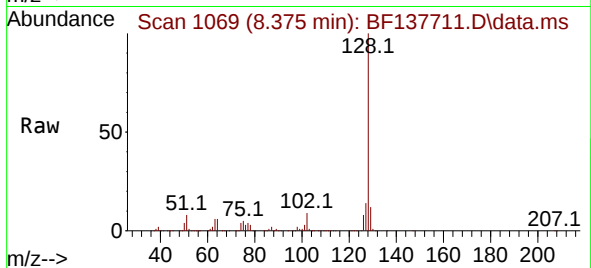
#31
Naphthalene
Concen: 45.369 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



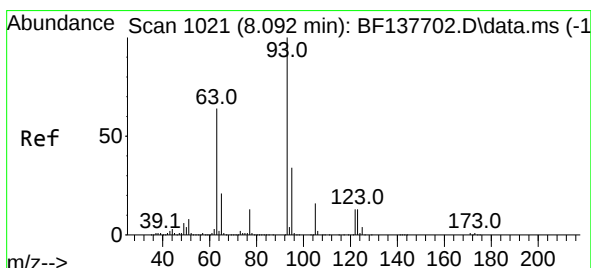
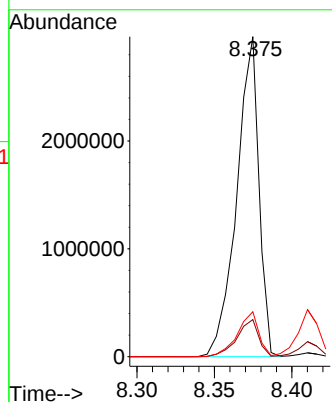
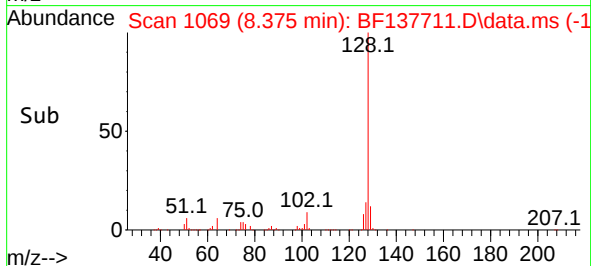
Tgt Ion:128 Resp: 295439
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.0 11.0 16.6

Manual Integrations

APPROVED

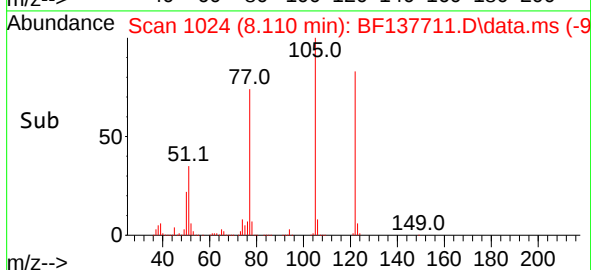
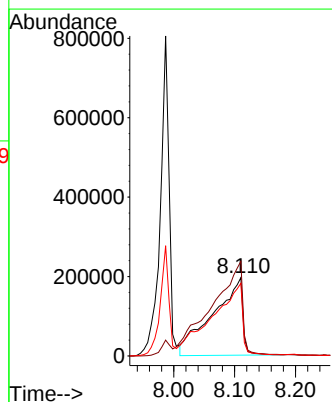
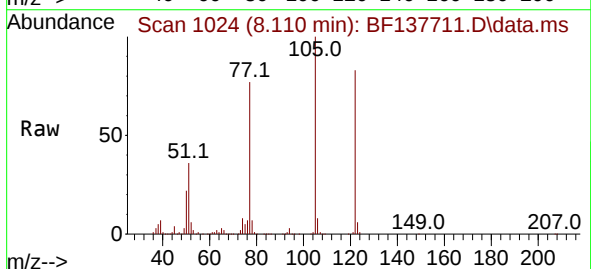
Reviewed By :Yogesh Patel 04/26/2024

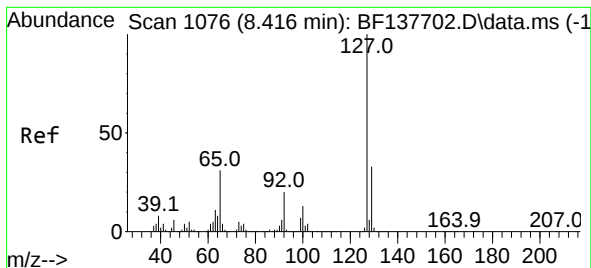
Supervised By :mohammad ahmed 04/27/2024



#32
Benzoic acid
Concen: 48.766 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.018 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:122 Resp: 663964
Ion Ratio Lower Upper
122 100
105 120.9 101.1 141.1
77 92.8 75.7 115.7





#33

4-Chloroaniline

Concen: 15.135 ng

RT: 8.410 min Scan# 1076

Delta R.T. -0.006 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS

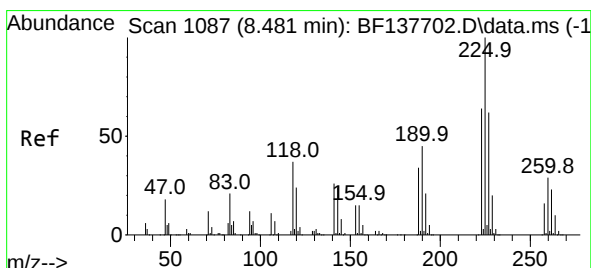
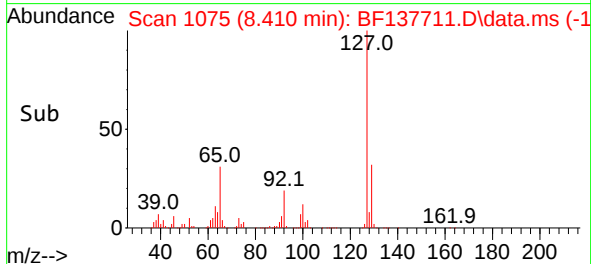
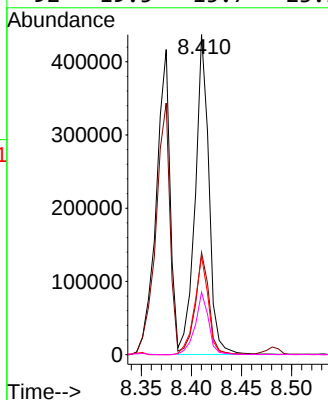
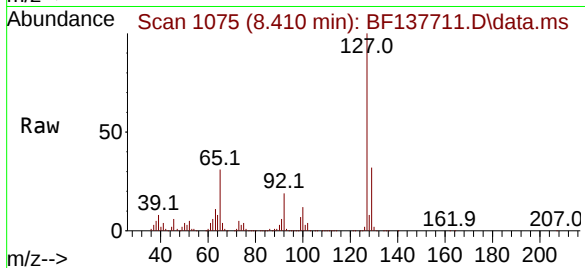
Tgt Ion:	127	Resp:	417184
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.4	39.6
65	30.8	24.6	36.8
92	19.5	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#34

Hexachlorobutadiene

Concen: 46.334 ng

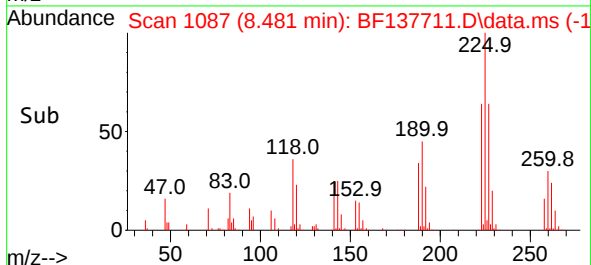
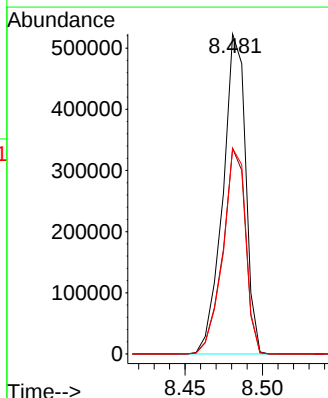
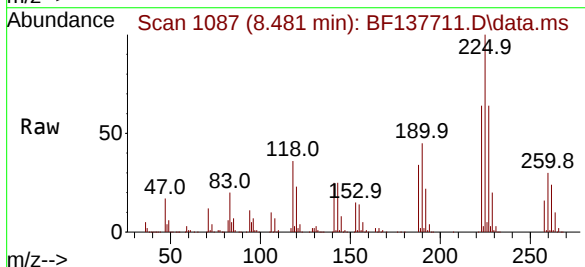
RT: 8.481 min Scan# 1087

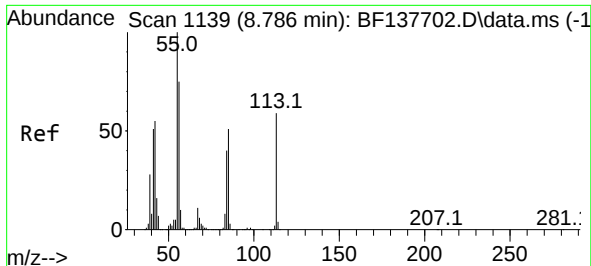
Delta R.T. 0.000 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

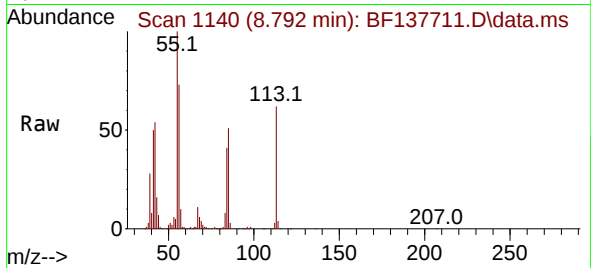
Tgt Ion:	225	Resp:	533569
Ion Ratio	Lower	Upper	
225	100		
223	64.2	51.4	77.0
227	64.3	49.4	74.2





#35
Caprolactam
Concen: 42.595 ng m
RT: 8.792 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

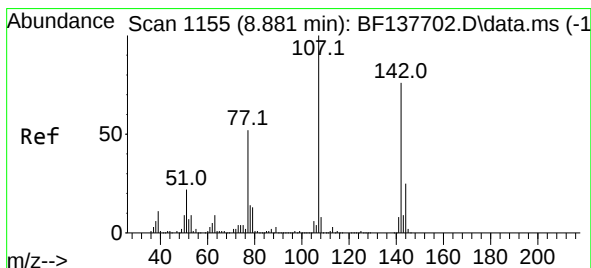
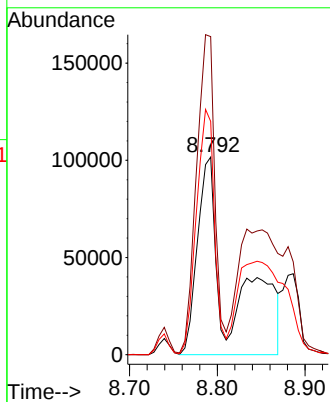
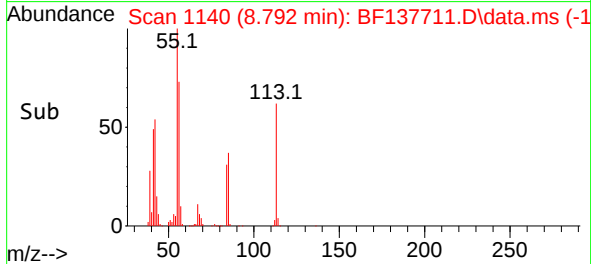
Instrument :
BNA_F
ClientSampleId :
PB160424BS



Tgt Ion:113 Resp: 259529
Ion Ratio Lower Upper
113 100
55 161.0 148.7 188.7
56 118.1 107.2 147.2

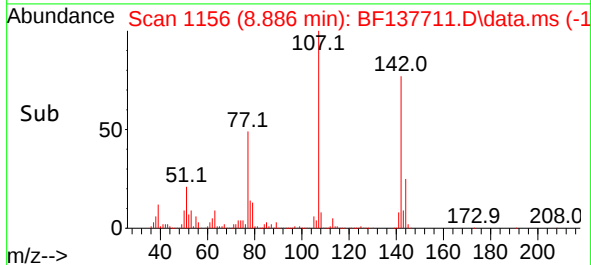
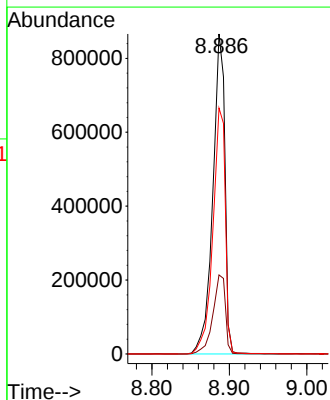
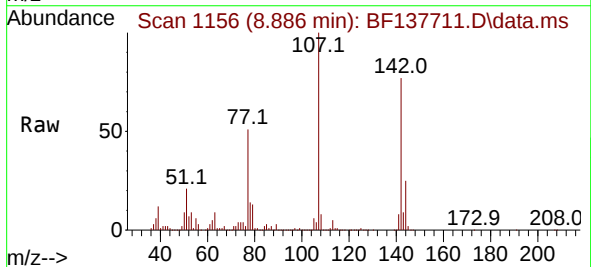
Manual Integrations
APPROVED

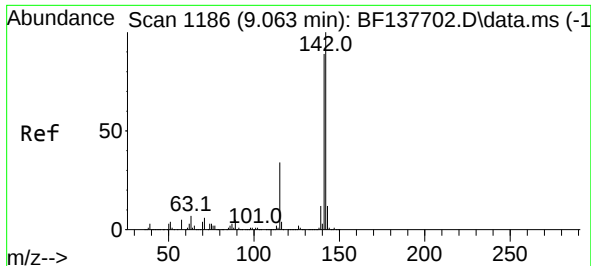
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#36
4-Chloro-3-methylphenol
Concen: 47.044 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:107 Resp: 940314
Ion Ratio Lower Upper
107 100
144 24.7 19.8 29.8
142 76.9 60.5 90.7





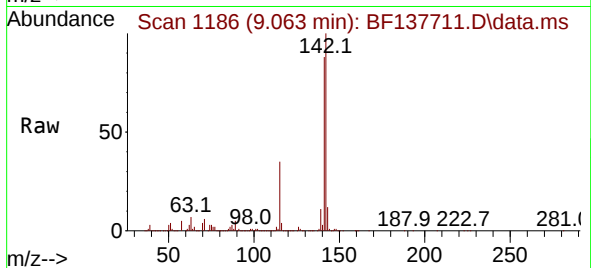
#37
2-Methylnaphthalene
Concen: 44.257 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



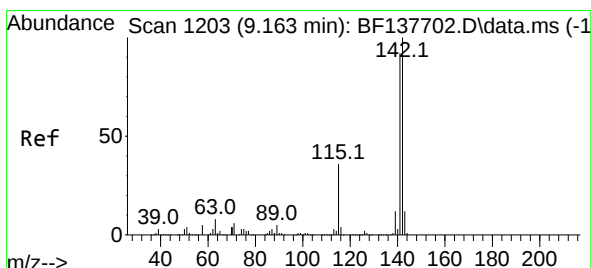
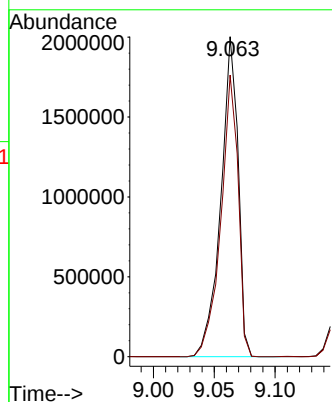
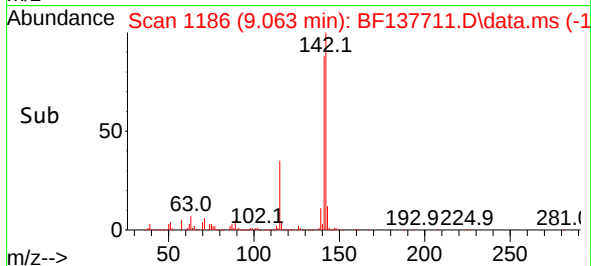
Tgt Ion:142 Resp: 197808
Ion Ratio Lower Upper
142 100
141 88.0 71.2 106.8

Manual Integrations

APPROVED

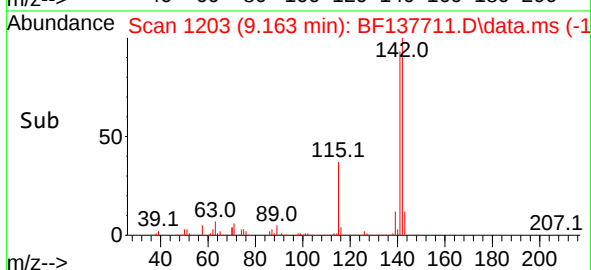
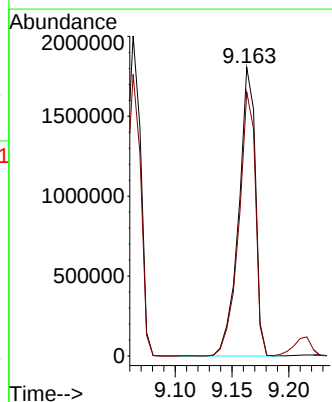
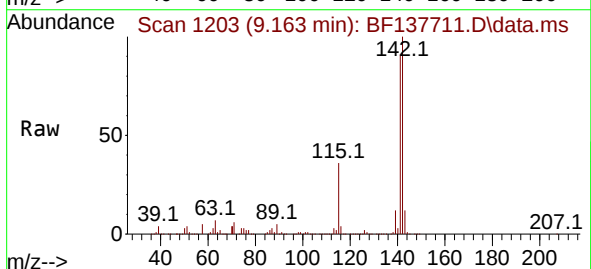
Reviewed By :Yogesh Patel 04/26/2024

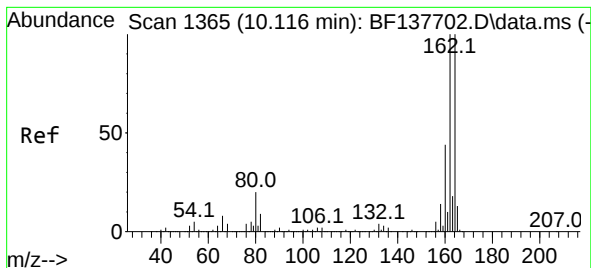
Supervised By :mohammad ahmed 04/27/2024



#38
1-Methylnaphthalene
Concen: 44.242 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

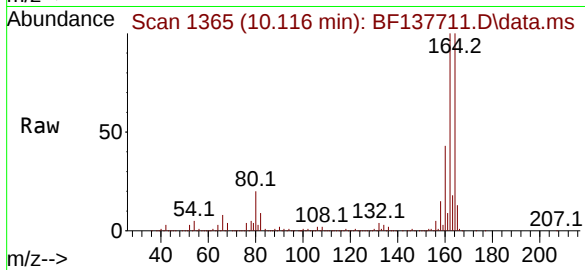
Tgt Ion:142 Resp: 1848803
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

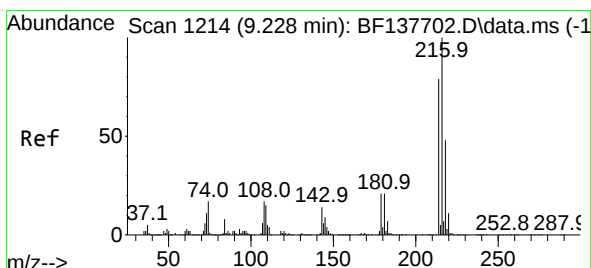
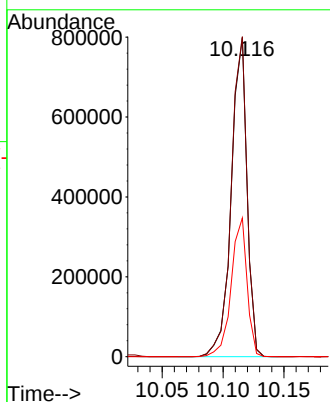
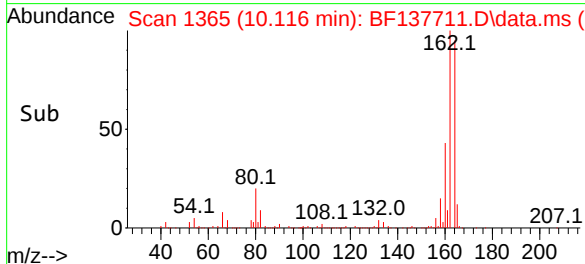
Instrument :
BNA_F
ClientSampleId :
PB160424BS



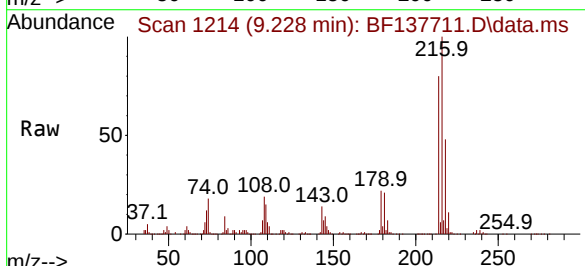
Tgt Ion:164 Resp: 71835
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 43.5 35.0 52.4

Manual Integrations
APPROVED

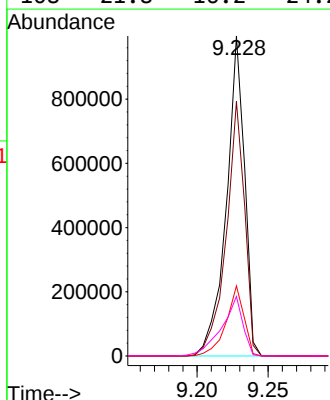
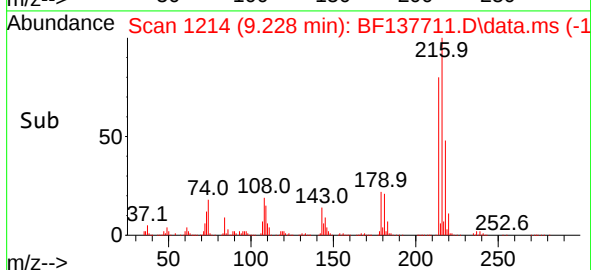
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

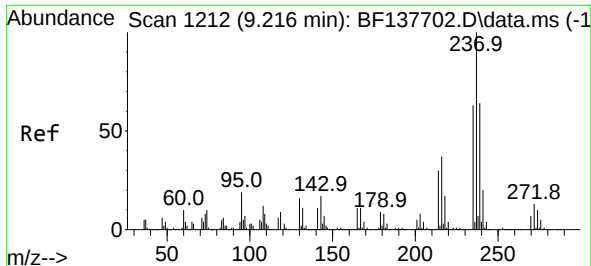


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.191 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:216 Resp: 889985
Ion Ratio Lower Upper
216 100
214 80.1 63.4 95.0
179 21.6 17.1 25.7
108 21.8 16.2 24.2





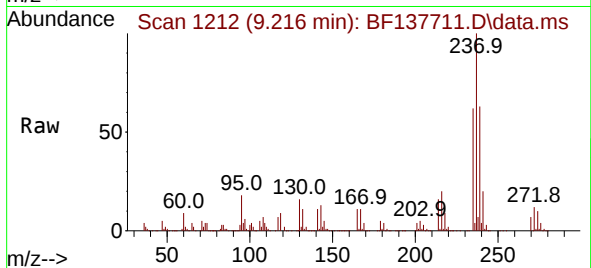
#41
Hexachlorocyclopentadiene
Concen: 98.188 ng
RT: 9.216 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



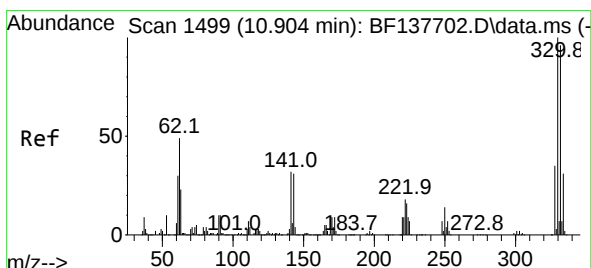
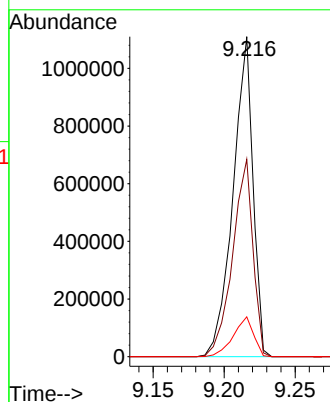
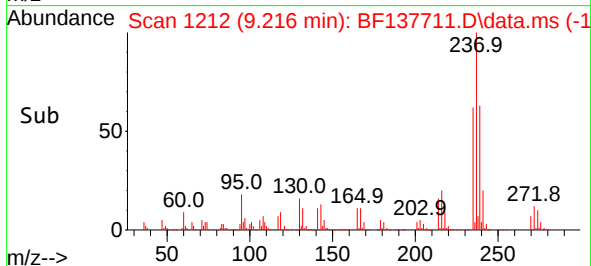
Tgt Ion:237 Resp: 1083478
Ion Ratio Lower Upper
237 100
235 61.7 42.9 82.9
272 12.4 0.0 33.1

Manual Integrations

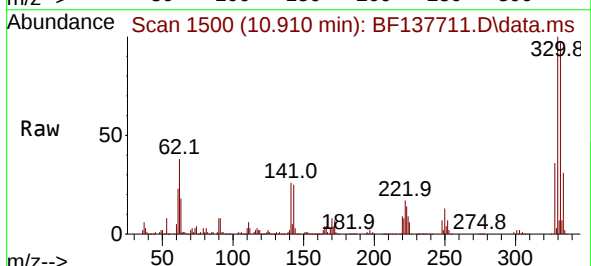
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

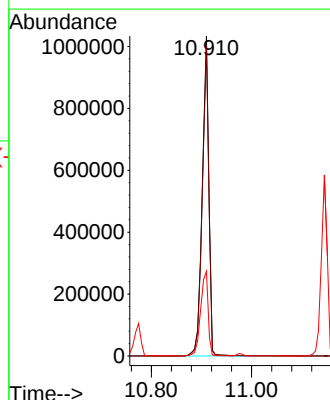
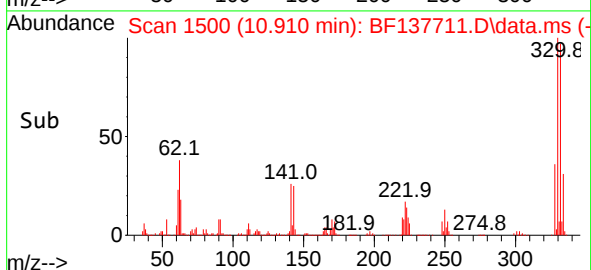
Supervised By :mohammad ahmed 04/27/2024

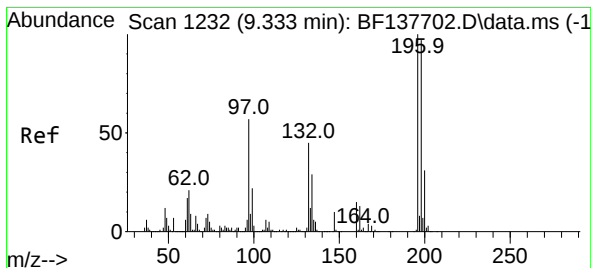


#42
2,4,6-Tribromophenol
Concen: 129.709 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:330 Resp: 940231
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 30.2 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 47.369 ng

RT: 9.334 min Scan# 1232

Delta R.T. 0.001 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS

Tgt Ion:196 Resp: 65444

Ion Ratio Lower Upper

196 100

198 93.3 77.8 116.6

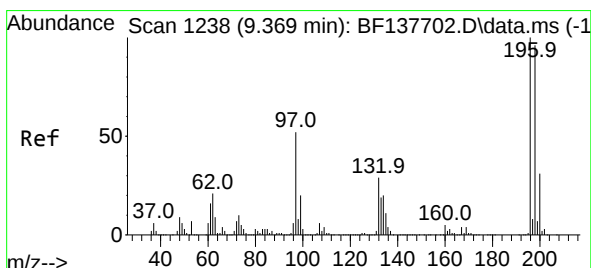
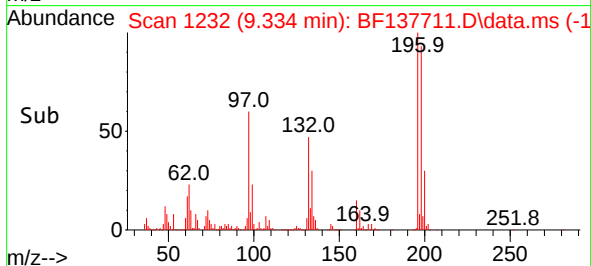
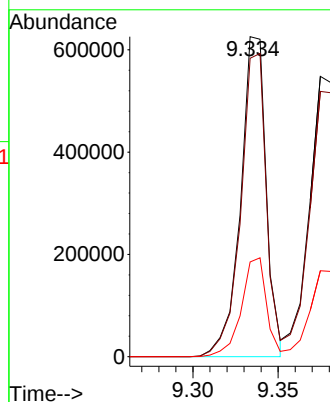
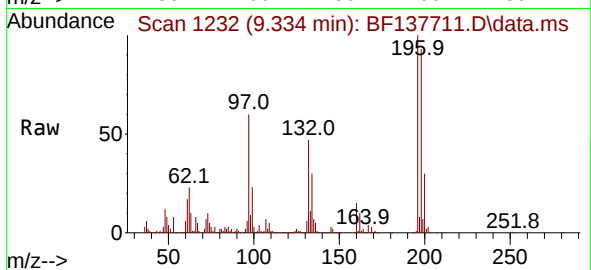
200 29.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#44

2,4,5-Trichlorophenol

Concen: 44.087 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.006 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Tgt Ion:196 Resp: 698066

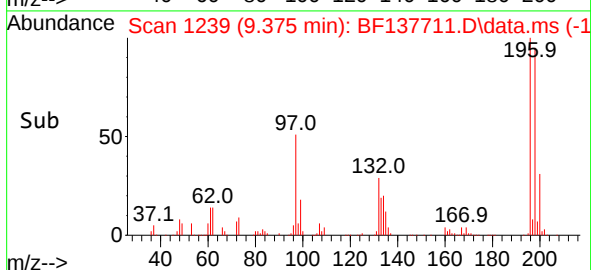
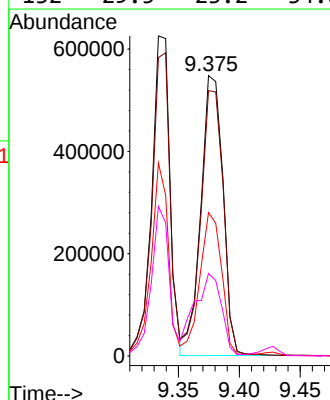
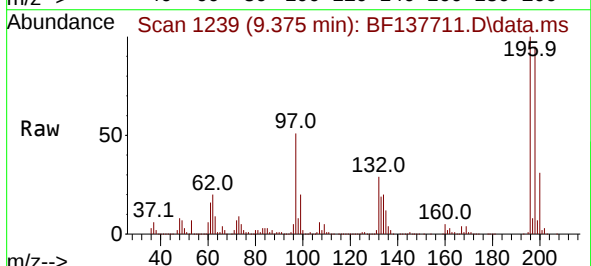
Ion Ratio Lower Upper

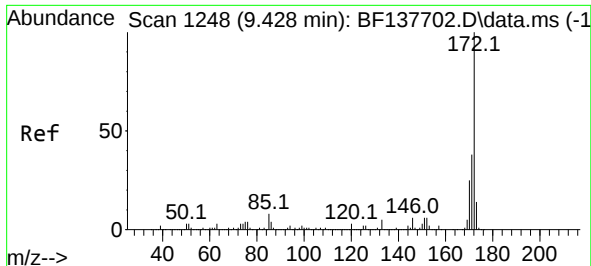
196 100

198 94.6 77.2 115.8

97 51.2 41.8 62.8

132 29.5 23.2 34.8





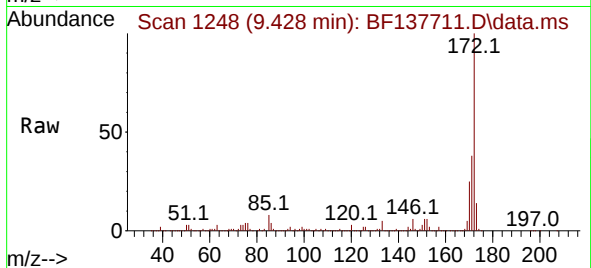
#45
2-Fluorobiphenyl
Concen: 78.821 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



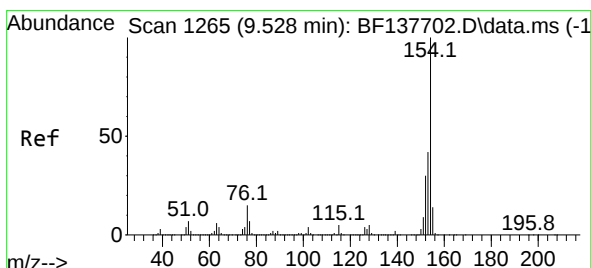
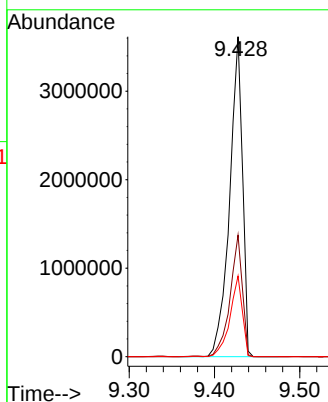
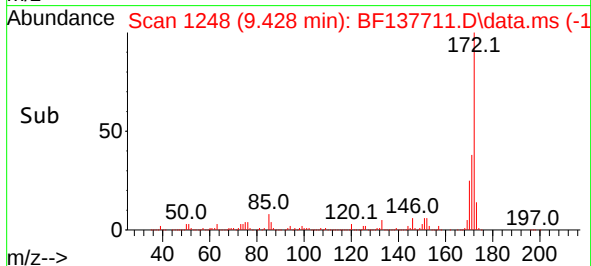
Tgt Ion:172 Resp: 378940
Ion Ratio Lower Upper
172 100
171 38.0 30.2 45.4
170 25.2 20.2 30.4

Manual Integrations

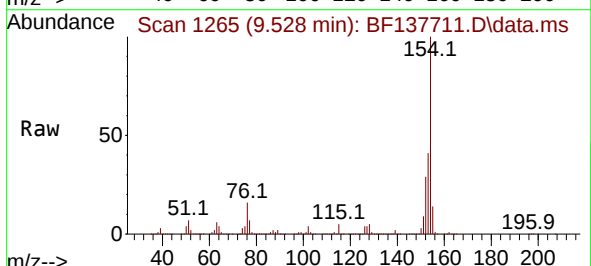
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

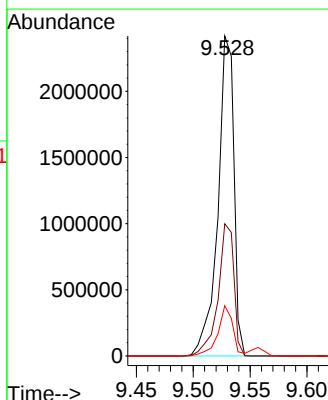
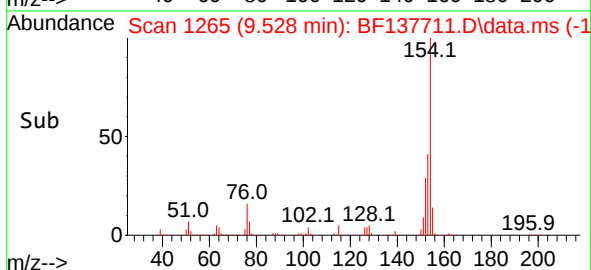
Supervised By :mohammad ahmed 04/27/2024

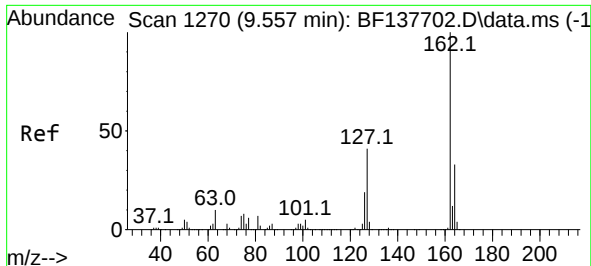


#46
1,1'-Biphenyl
Concen: 45.541 ng
RT: 9.528 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:154 Resp: 2379913
Ion Ratio Lower Upper
154 100
153 41.3 21.9 61.9
76 15.7 0.0 35.3





#47

2-Chloronaphthalene

Concen: 46.337 ng

RT: 9.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS

Tgt Ion:162 Resp: 186664

Ion Ratio Lower Upper

162 100

127 42.7 33.1 49.7

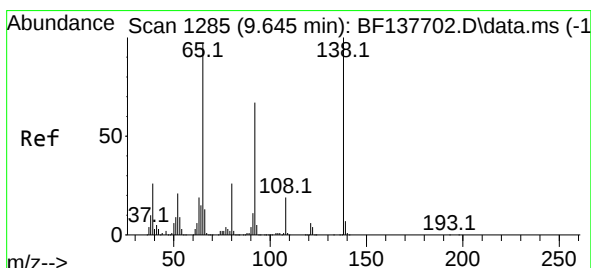
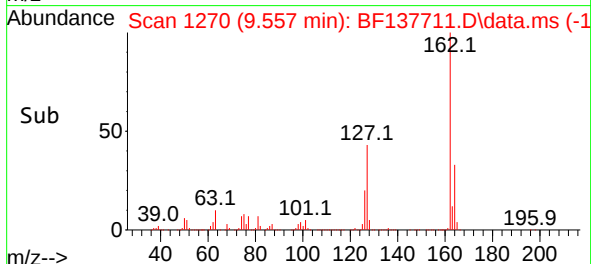
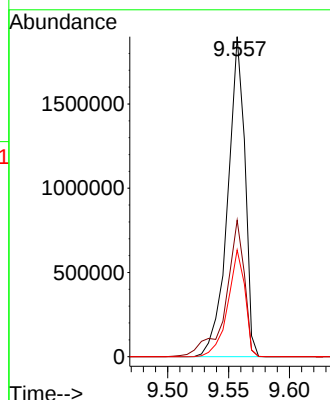
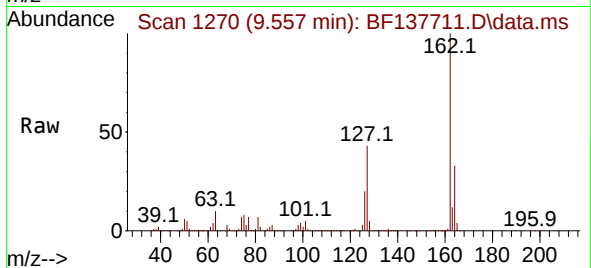
164 33.3 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#48

2-Nitroaniline

Concen: 47.971 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.006 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

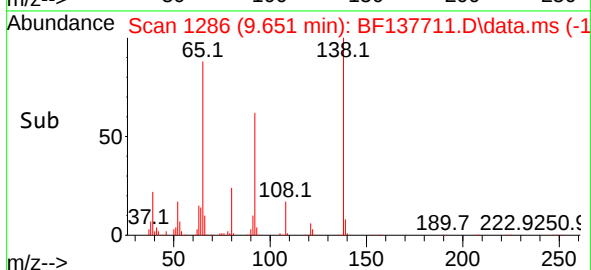
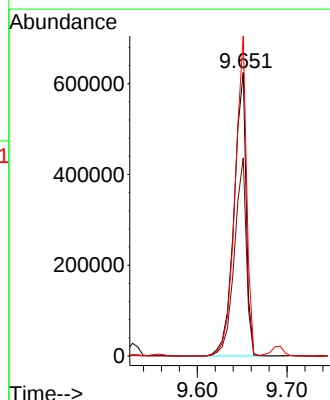
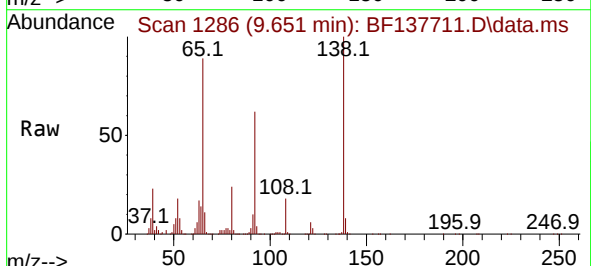
Tgt Ion: 65 Resp: 588868

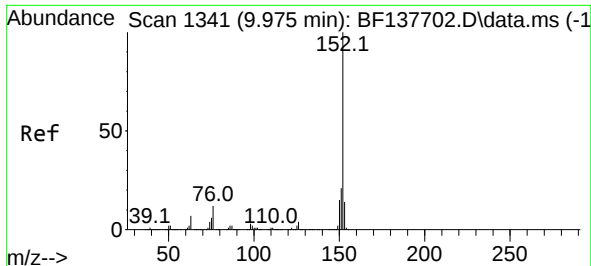
Ion Ratio Lower Upper

65 100

92 69.9 54.9 82.3

138 112.9 82.4 123.6





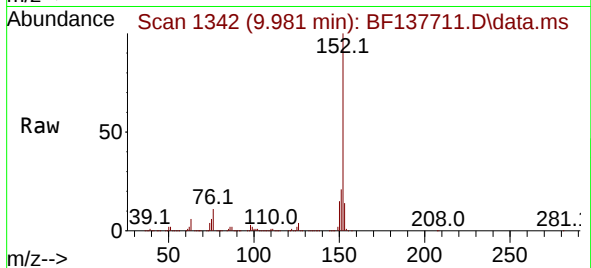
#49
Acenaphthylene
Concen: 46.702 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



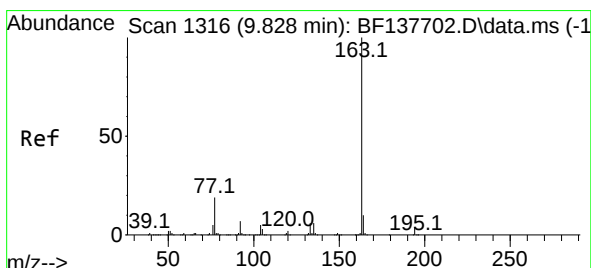
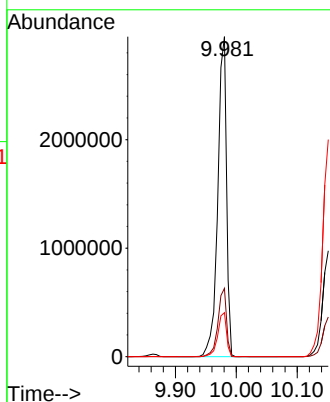
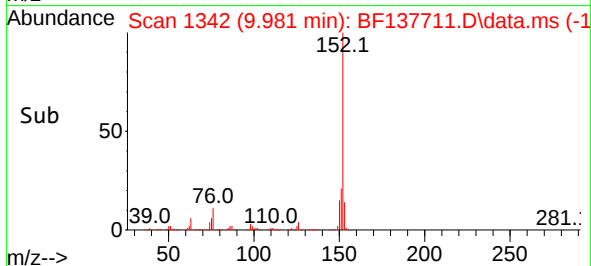
Tgt Ion:152 Resp: 2933940
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 13.7 11.0 16.4

Manual Integrations

APPROVED

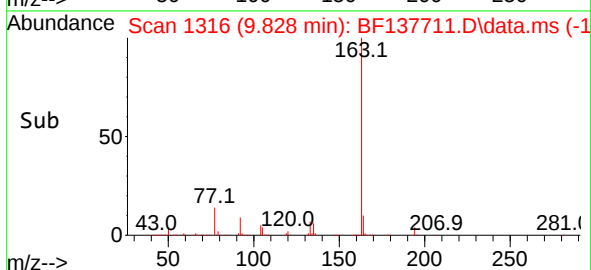
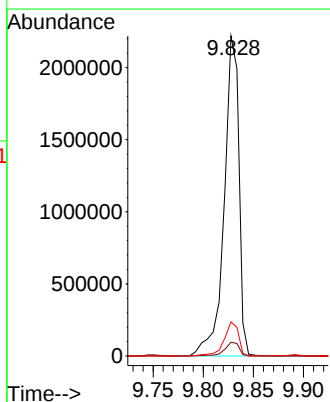
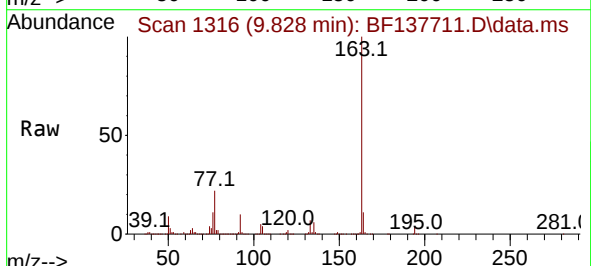
Reviewed By :Yogesh Patel 04/26/2024

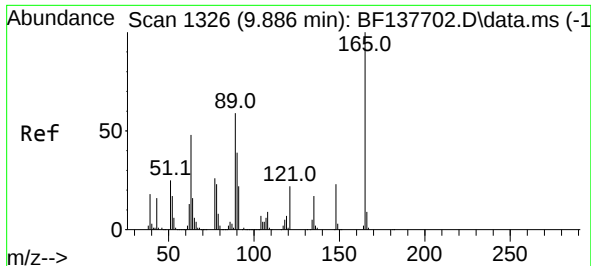
Supervised By :mohammad ahmed 04/27/2024



#50
Dimethylphthalate
Concen: 45.255 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:163 Resp: 2265000
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.7 8.2 12.2





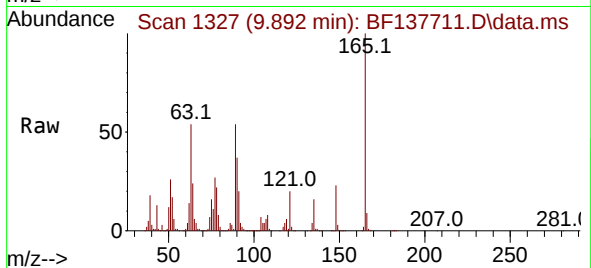
#51
2,6-Dinitrotoluene
Concen: 47.423 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



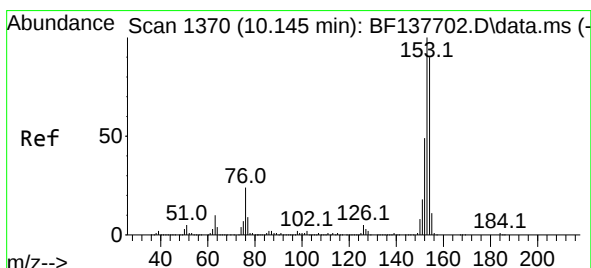
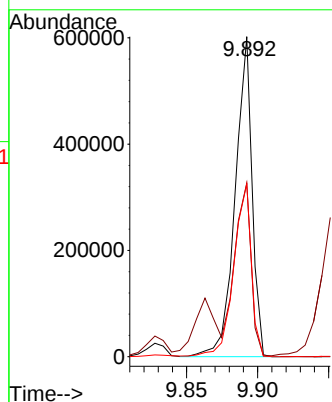
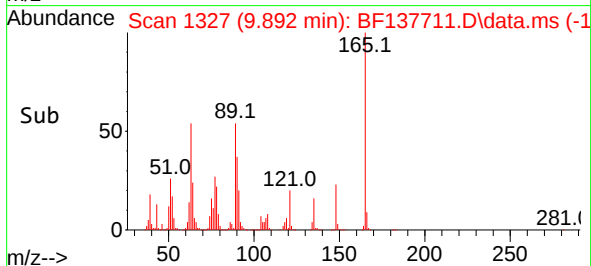
Tgt Ion:165 Resp: 50008
Ion Ratio Lower Upper
165 100
63 54.3 47.7 71.5
89 54.0 47.3 70.9

Manual Integrations

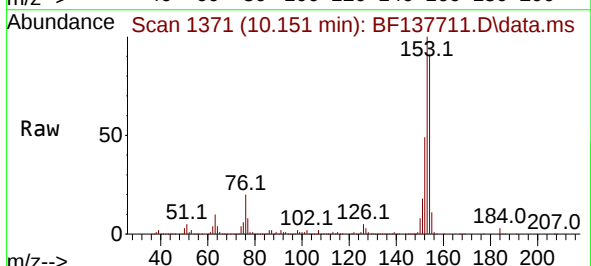
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

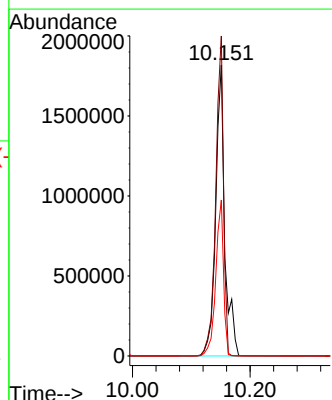
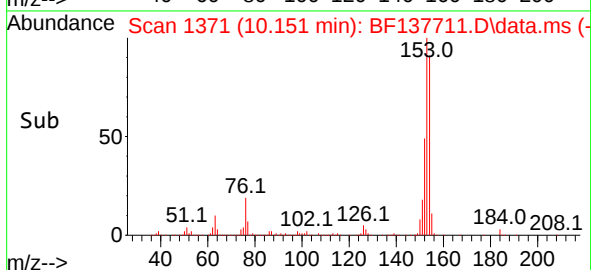
Supervised By :mohammad ahmed 04/27/2024

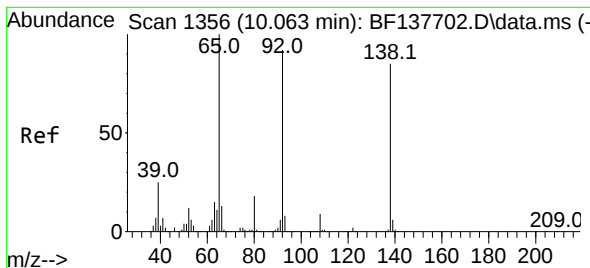


#52
Acenaphthene
Concen: 48.292 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:154 Resp: 1964432
Ion Ratio Lower Upper
154 100
153 110.0 88.5 132.7
152 53.6 43.3 64.9





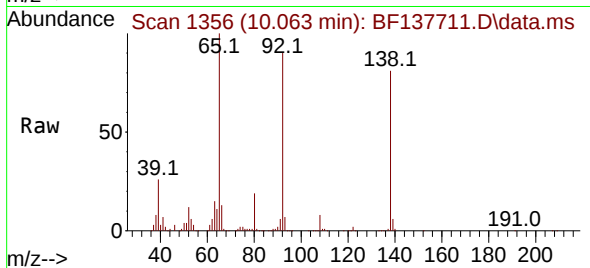
#53
3-Nitroaniline
Concen: 28.754 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



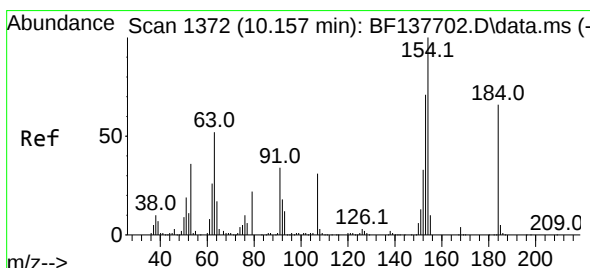
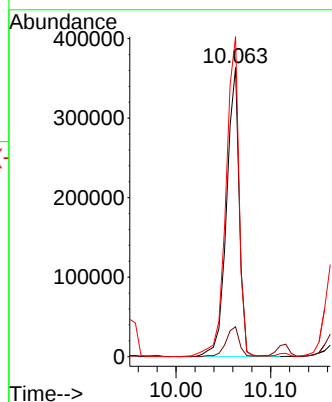
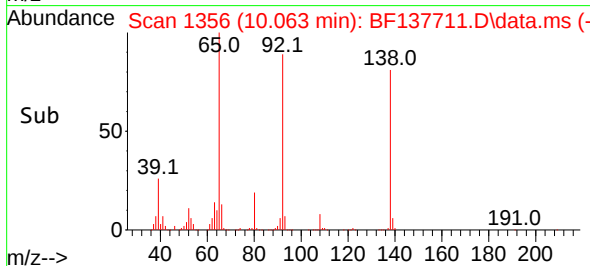
Tgt Ion:138 Resp: 34075
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 110.7 86.9 130.3

Manual Integrations

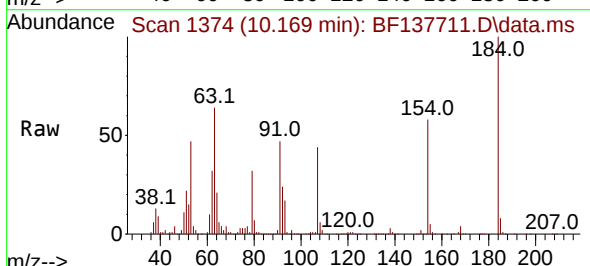
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

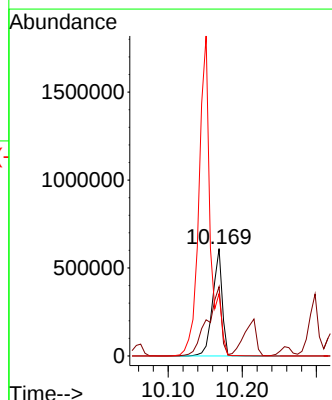
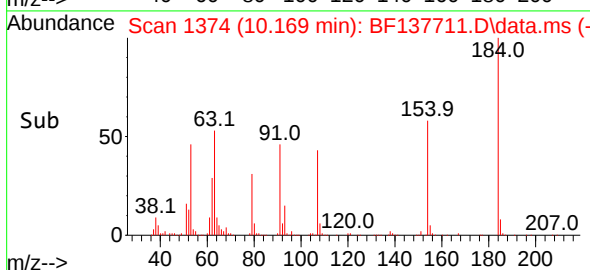
Supervised By :mohammad ahmed 04/27/2024

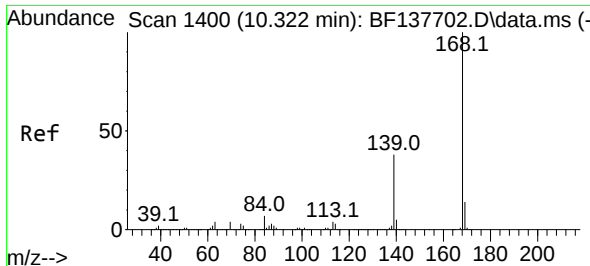


#54
2,4-Dinitrophenol
Concen: 95.804 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:184 Resp: 543424
Ion Ratio Lower Upper
184 100
63 64.5 63.5 95.3
154 58.0 123.0 184.6#





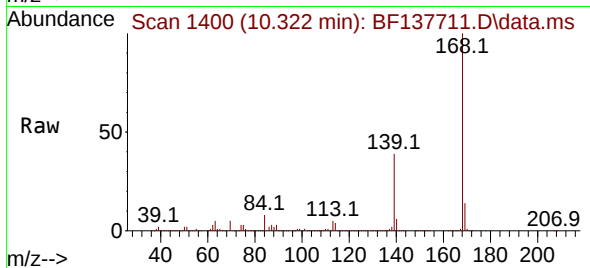
#55
Dibenzofuran
Concen: 44.507 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



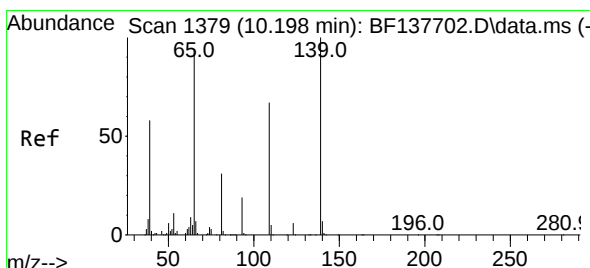
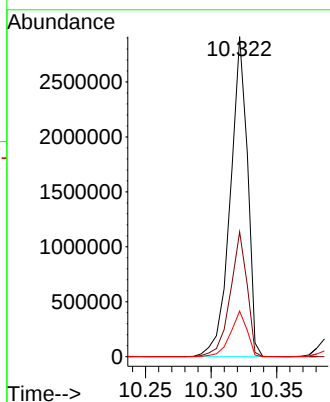
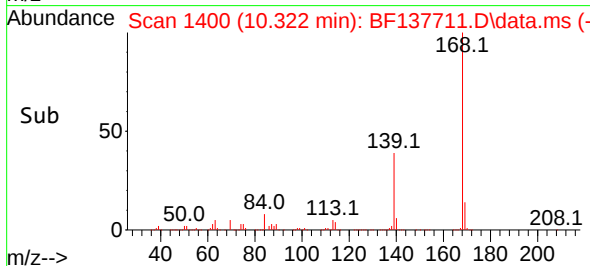
Tgt Ion:168 Resp: 265386
Ion Ratio Lower Upper
168 100
139 39.0 30.1 45.1
169 14.2 10.9 16.3

Manual Integrations

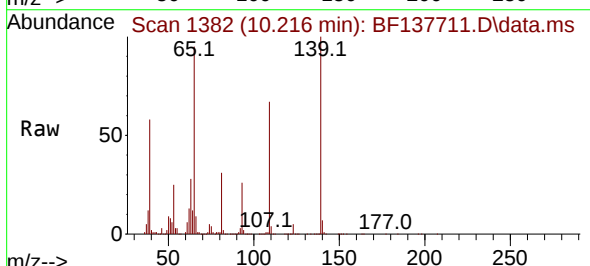
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

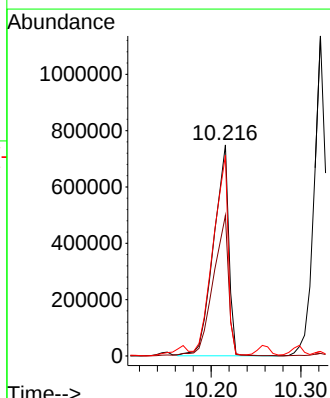
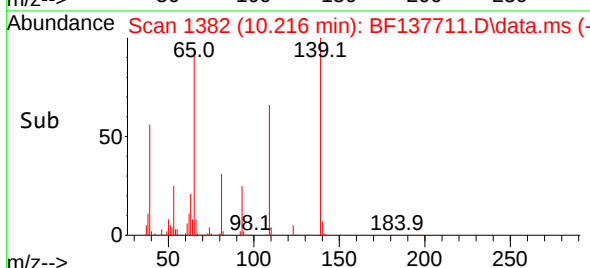
Supervised By :mohammad ahmed 04/27/2024

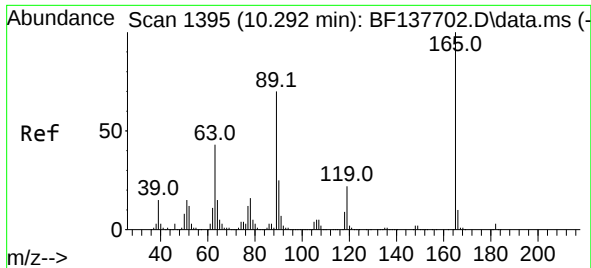


#56
4-Nitrophenol
Concen: 95.375 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.018 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:139 Resp: 878963
Ion Ratio Lower Upper
139 100
109 66.6 46.9 86.9
65 95.1 75.8 115.8





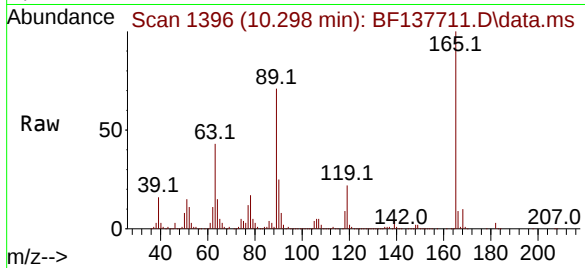
#57
2,4-Dinitrotoluene
Concen: 51.498 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



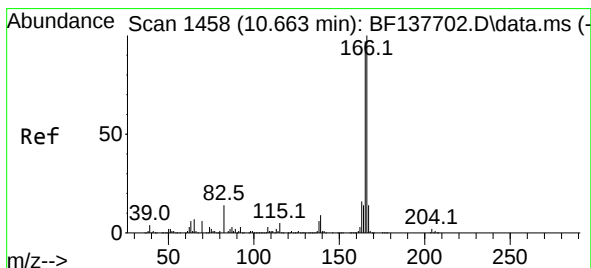
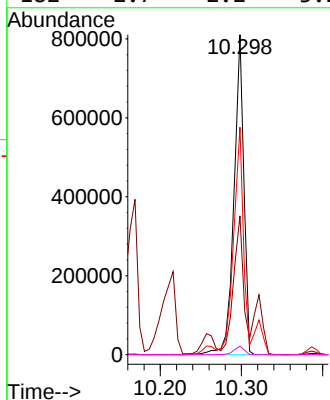
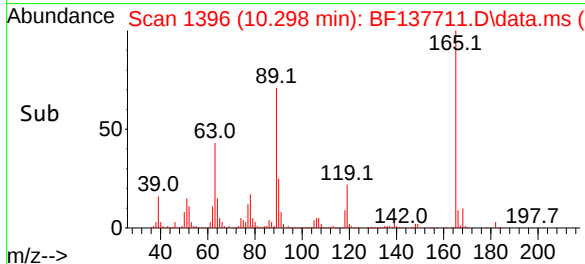
Tgt Ion:165 Resp: 68463
Ion Ratio Lower Upper
165 100
63 43.4 34.1 51.1
89 71.1 56.4 84.6
182 2.7 2.2 3.2

Manual Integrations

APPROVED

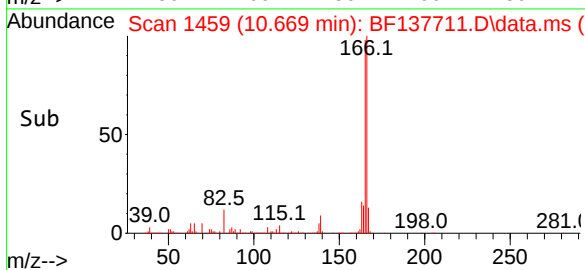
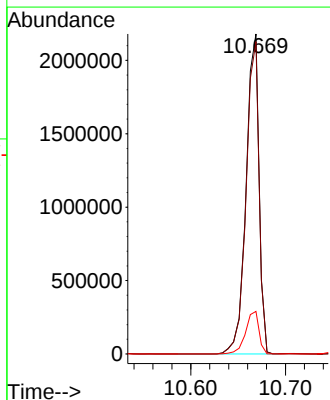
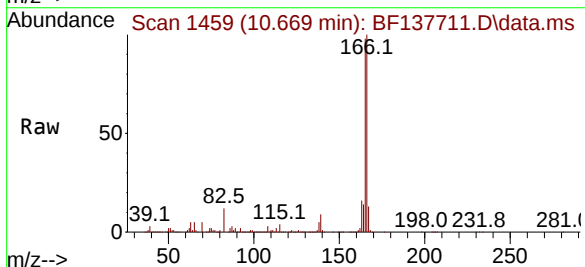
Reviewed By :Yogesh Patel 04/26/2024

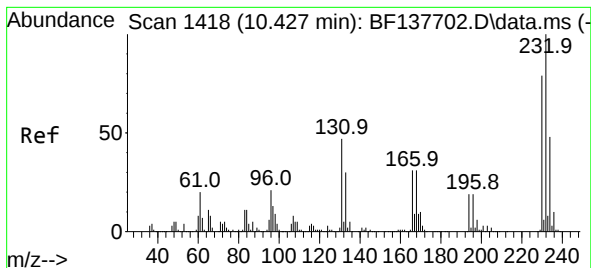
Supervised By :mohammad ahmed 04/27/2024



#58
Fluorene
Concen: 44.571 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

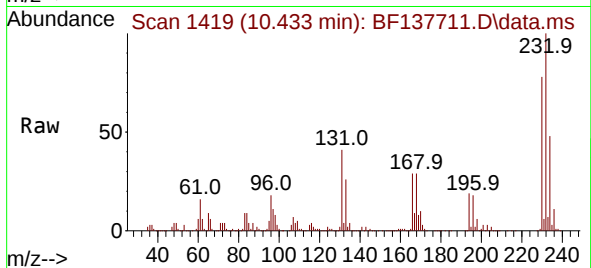
Tgt Ion:166 Resp: 2076665
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.6
167 13.3 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.274 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

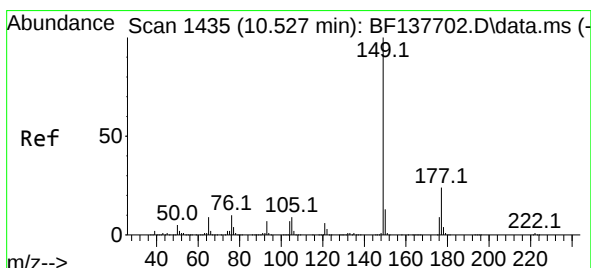
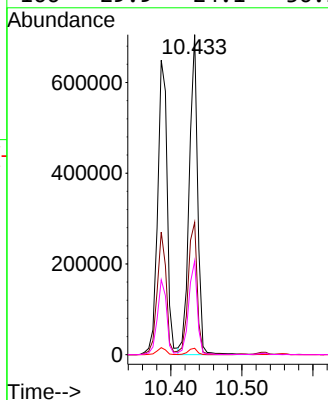
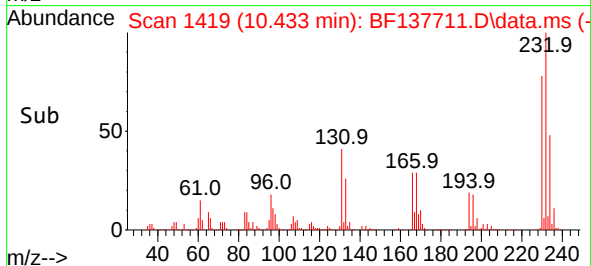
Instrument :
BNA_F
ClientSampleId :
PB160424BS



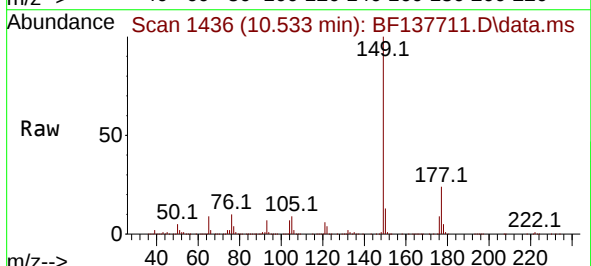
Tgt Ion:232 Resp: 579594
Ion Ratio Lower Upper
232 100
131 44.3 36.4 54.6
130 2.2 1.8 2.6
166 29.9 24.1 36.1

Manual Integrations
APPROVED

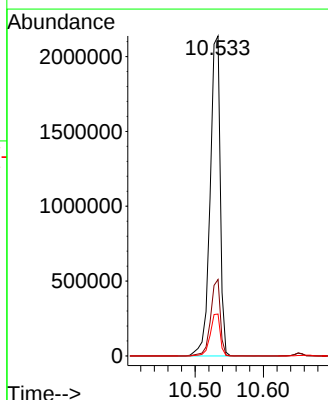
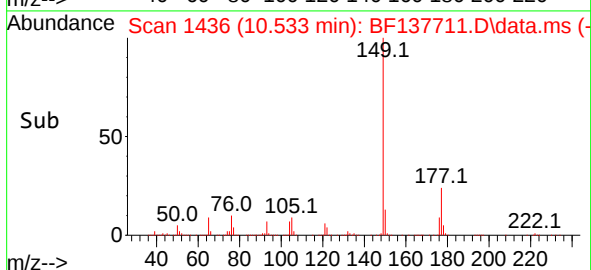
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

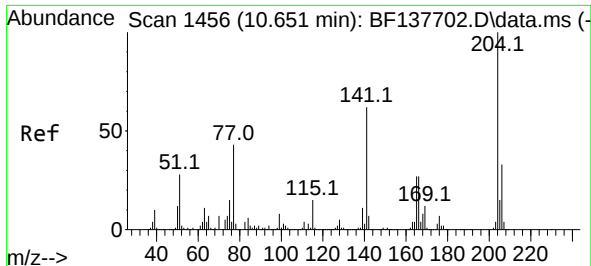


#60
Diethylphthalate
Concen: 45.511 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



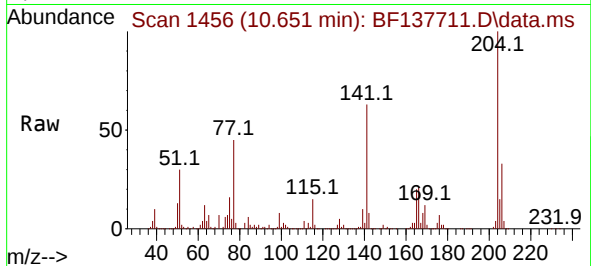
Tgt Ion:149 Resp: 2190863
Ion Ratio Lower Upper
149 100
177 23.9 19.0 28.4
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.582 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

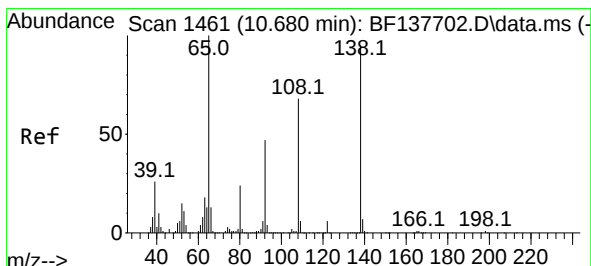
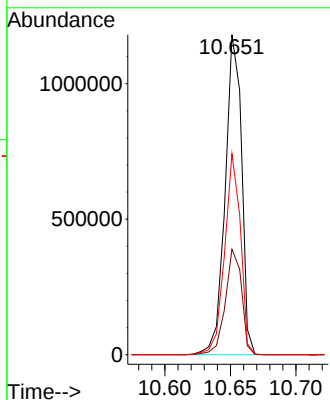
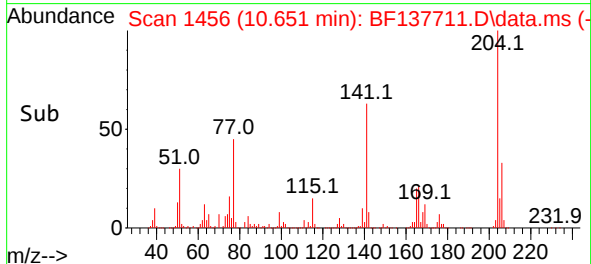
Instrument :
BNA_F
ClientSampleId :
PB160424BS



Tgt Ion:204 Resp: 1026350
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 62.8 49.4 74.2

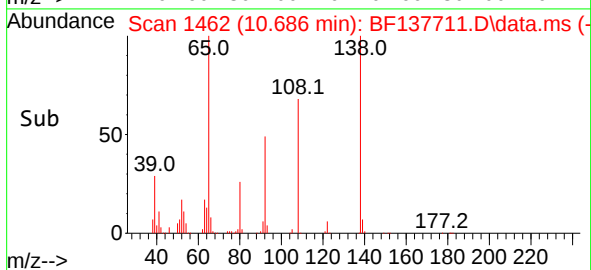
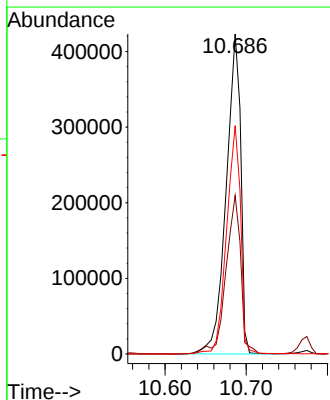
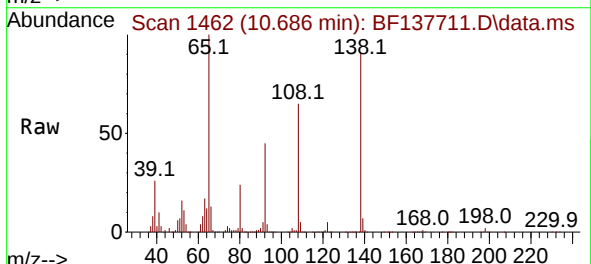
Manual Integrations
APPROVED

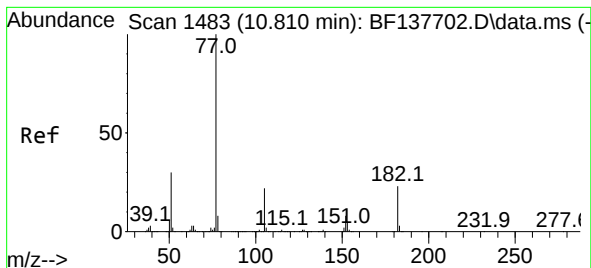
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#62
4-Nitroaniline
Concen: 46.783 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

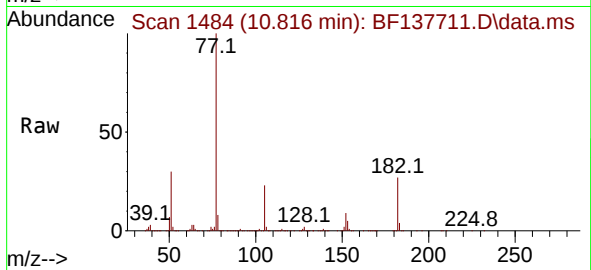
Tgt Ion:138 Resp: 528069
Ion Ratio Lower Upper
138 100
92 49.5 29.8 69.8
108 71.4 51.1 91.1





#63
Azobenzene
Concen: 44.729 ng
RT: 10.816 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

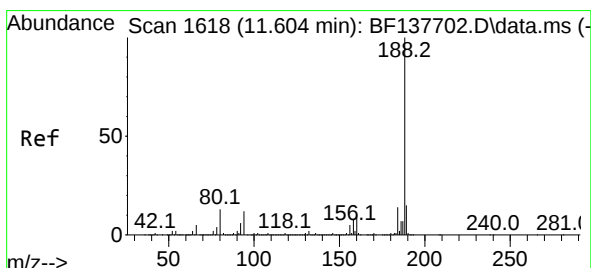
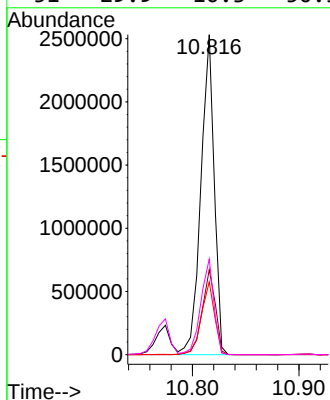
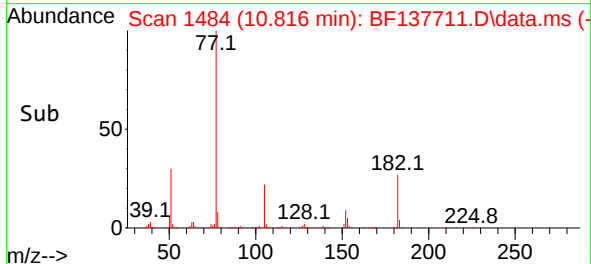
Instrument :
BNA_F
ClientSampleId :
PB160424BS



Tgt Ion: 77 Resp: 220642
Ion Ratio Lower Upper
77 100
182 26.5 3.1 43.1
105 22.7 1.6 41.6
51 29.9 10.3 50.3

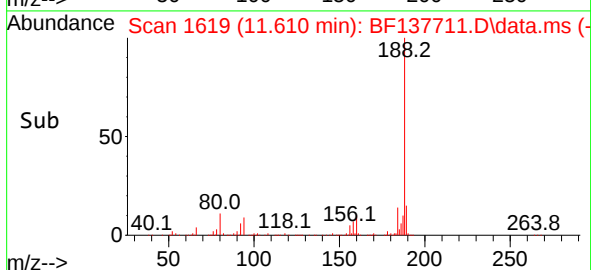
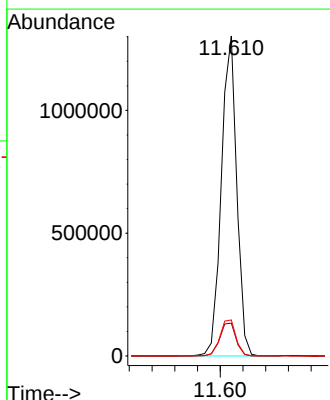
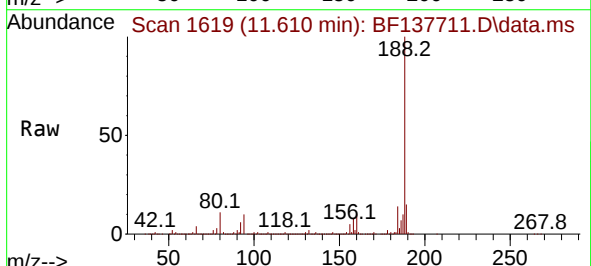
Manual Integrations
APPROVED

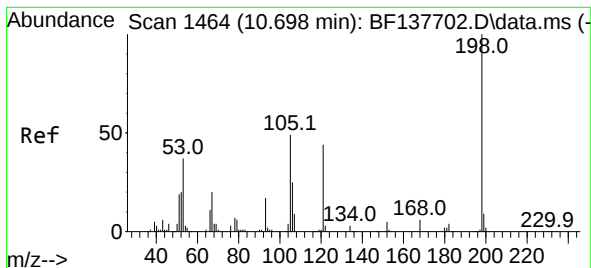
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

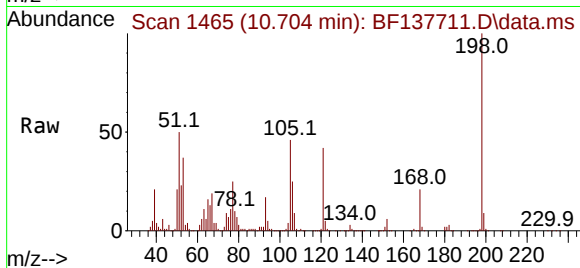
Tgt Ion:188 Resp: 1226234
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.3 10.2 15.4





#65
4,6-Dinitro-2-methylphenol
Concen: 53.440 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

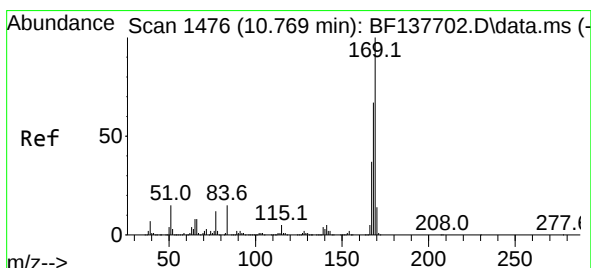
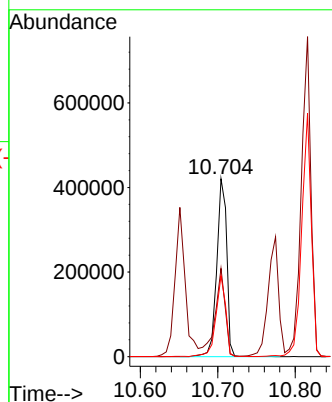
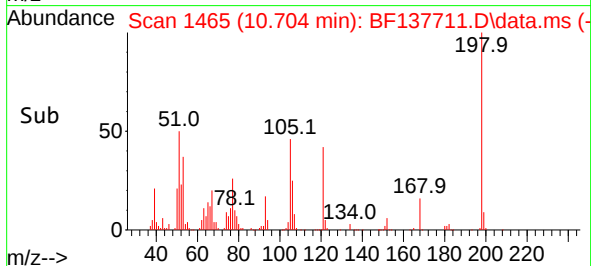
Instrument :
BNA_F
ClientSampleId :
PB160424BS



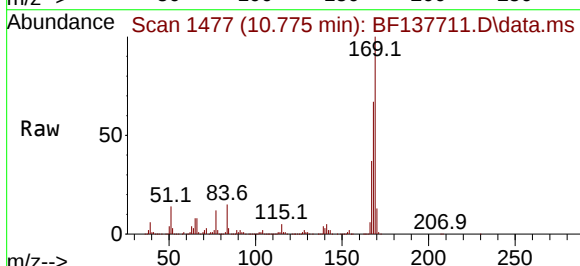
Tgt Ion:198 Resp: 375720
Ion Ratio Lower Upper
198 100
51 49.6 33.5 73.5
105 45.5 29.3 69.3

Manual Integrations
APPROVED

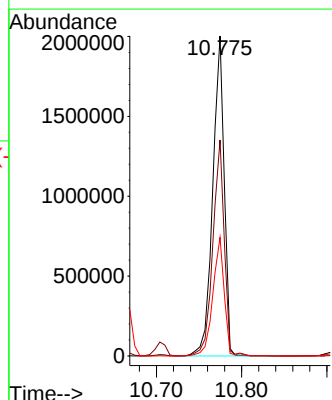
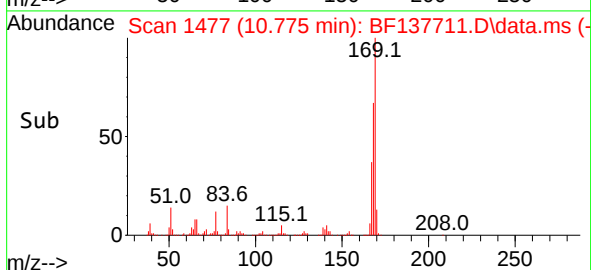
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

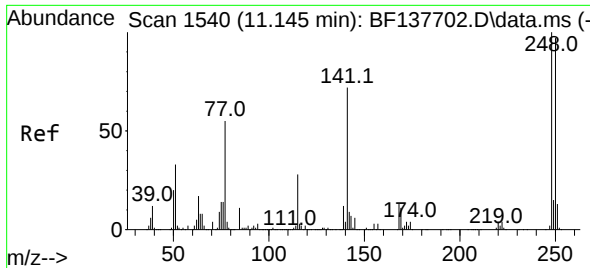


#66
n-Nitrosodiphenylamine
Concen: 45.090 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:169 Resp: 1872666
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.2
167 37.1 29.6 44.4





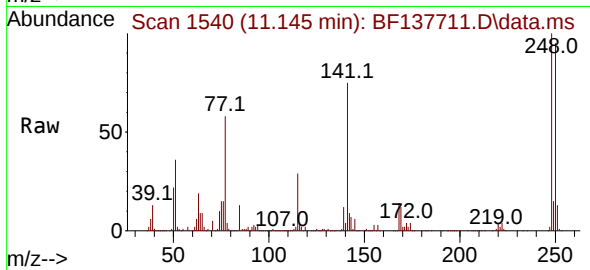
#67
4-Bromophenyl-phenylether
Concen: 45.959 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



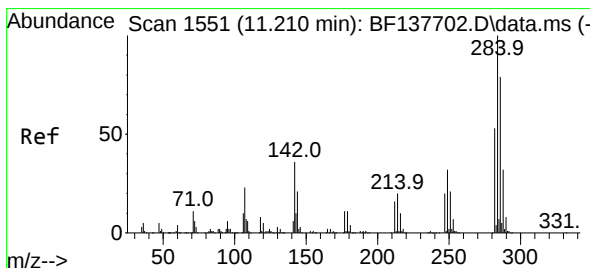
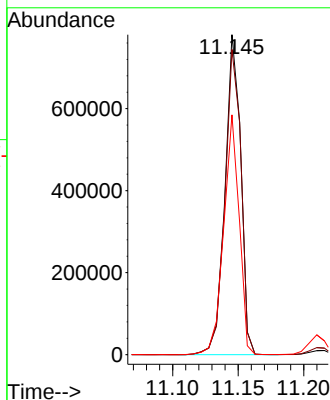
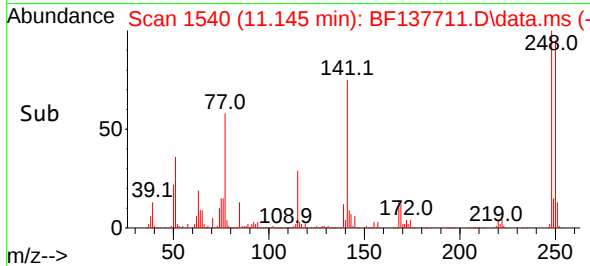
Tgt Ion:248 Resp: 653029
Ion Ratio Lower Upper
248 100
250 95.4 77.4 116.0
141 75.0 57.9 86.9

Manual Integrations

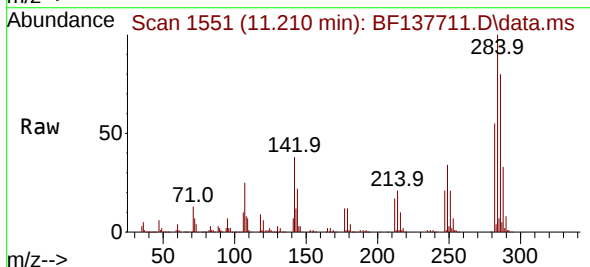
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

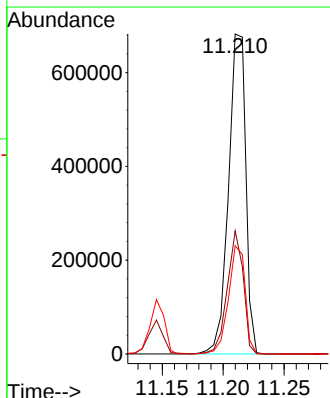
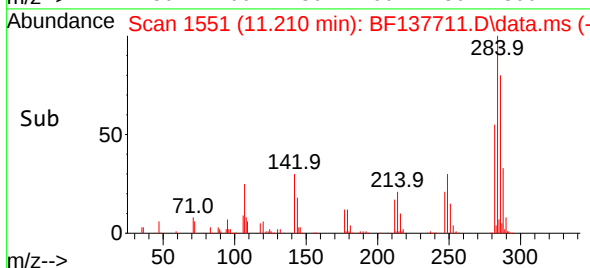
Supervised By :mohammad ahmed 04/27/2024

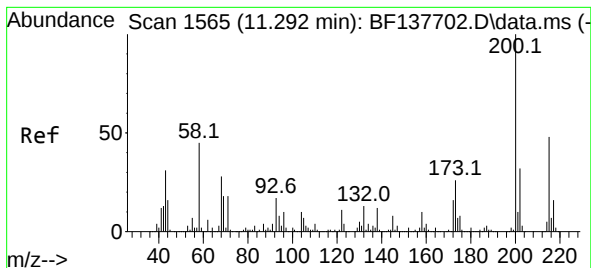


#68
Hexachlorobenzene
Concen: 48.679 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:284 Resp: 673838
Ion Ratio Lower Upper
284 100
142 38.4 28.5 42.7
249 33.8 25.6 38.4





#69

Atrazine

Concen: 54.215 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS

Tgt Ion:200 Resp: 62241

Ion Ratio Lower Upper

200 100

173 26.8 6.3 46.3

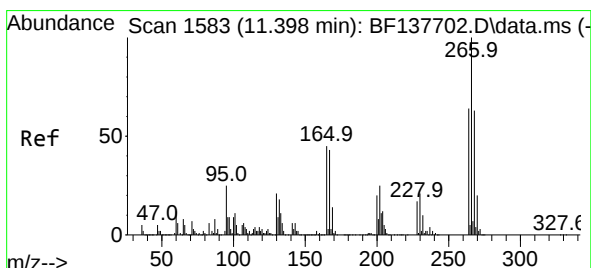
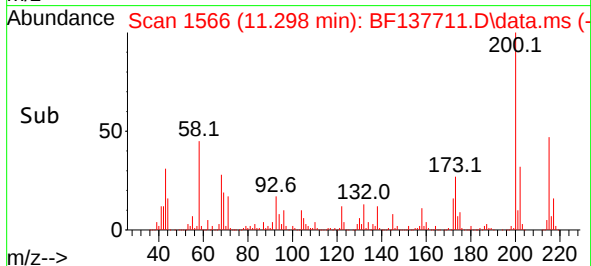
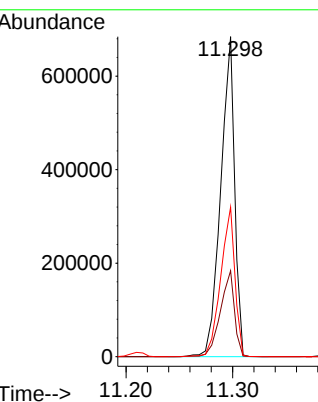
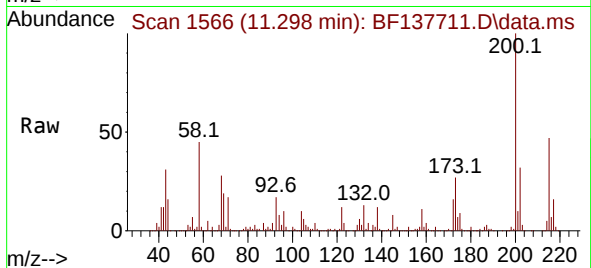
215 46.7 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#70

Pentachlorophenol

Concen: 88.186 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

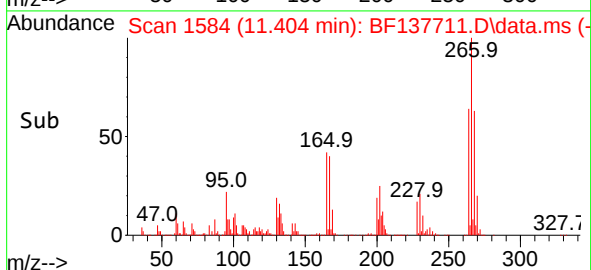
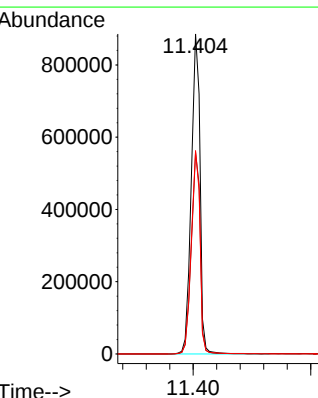
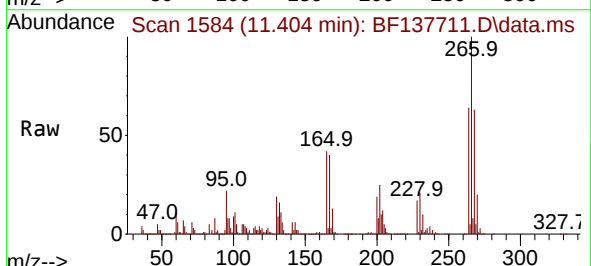
Tgt Ion:266 Resp: 918264

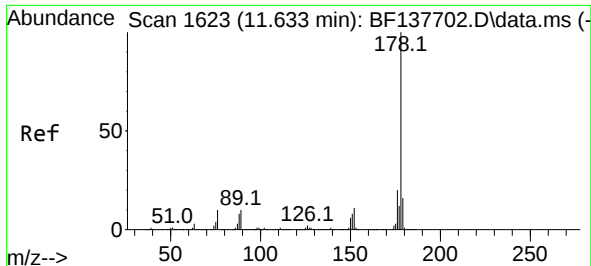
Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

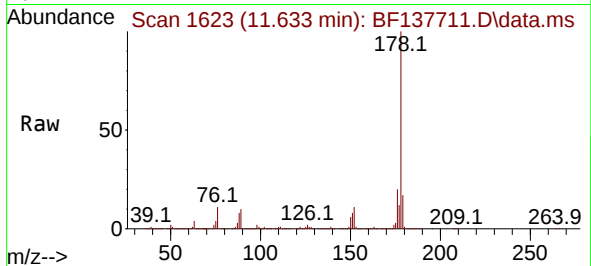
264 63.6 51.4 77.0





#71
Phenanthrene
Concen: 44.764 ng
RT: 11.633 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

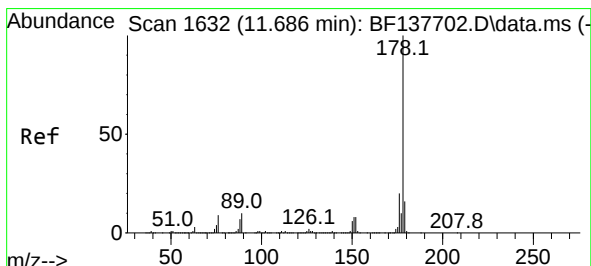
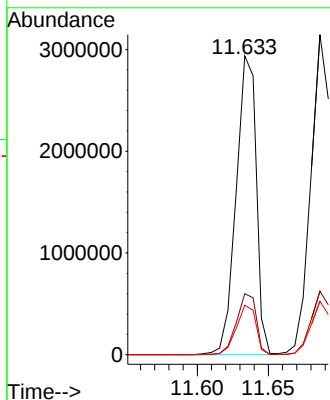
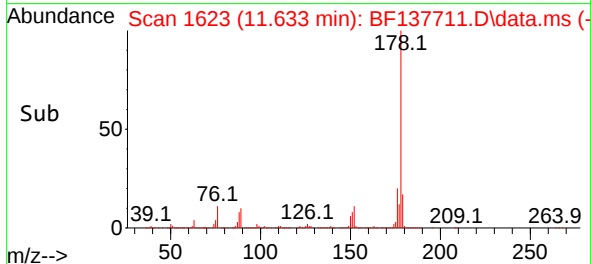
Instrument :
BNA_F
ClientSampleId :
PB160424BS



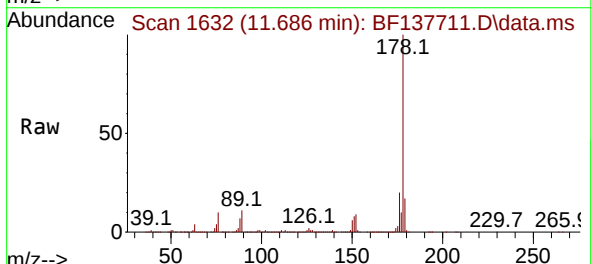
Tgt Ion:178 Resp: 2905680
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 16.5 12.8 19.2

Manual Integrations
APPROVED

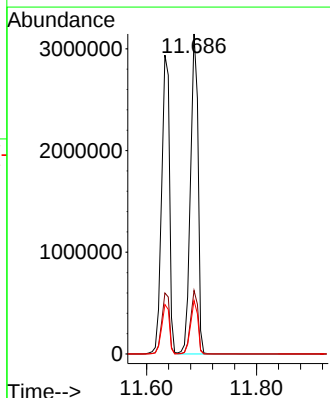
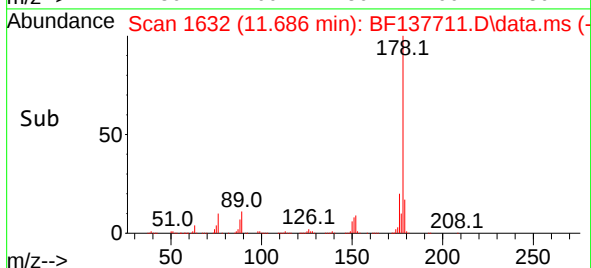
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

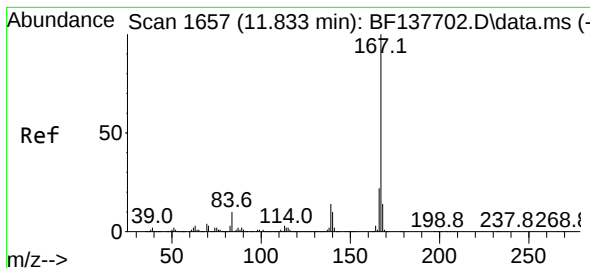


#72
Anthracene
Concen: 44.856 ng
RT: 11.686 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



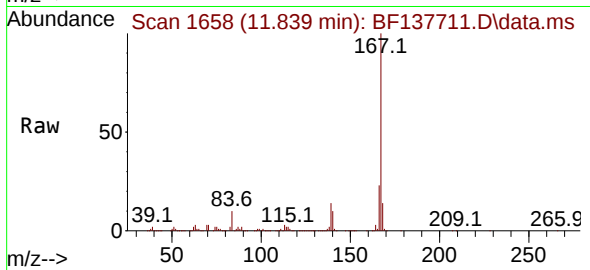
Tgt Ion:178 Resp: 2981505
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.7 13.0 19.6





#73
 Carbazole
 Concen: 45.584 ng
 RT: 11.839 min Scan# 1657
 Delta R.T. 0.006 min
 Lab File: BF137711.D
 Acq: 24 Apr 2024 11:04

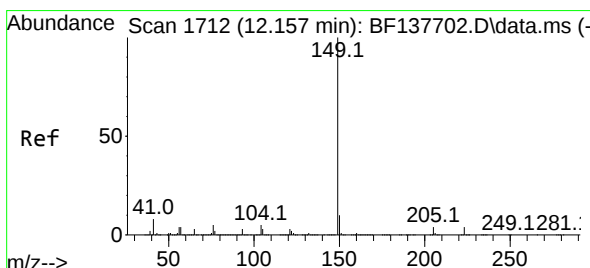
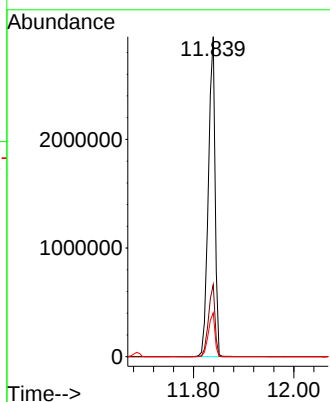
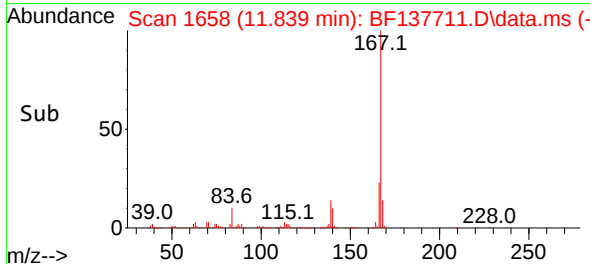
Instrument :
 BNA_F
 ClientSampleId :
 PB160424BS



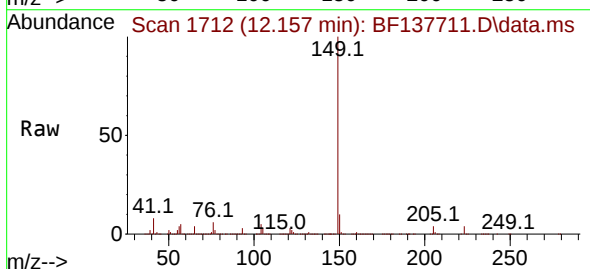
Tgt Ion:167 Resp: 274587
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.5 26.3
 139 13.7 10.9 16.3

Manual Integrations
 APPROVED

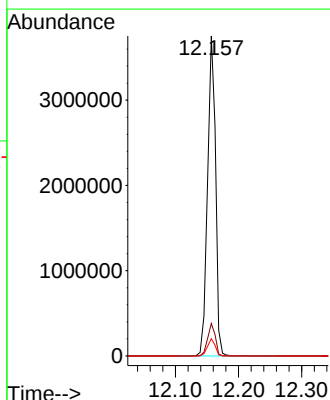
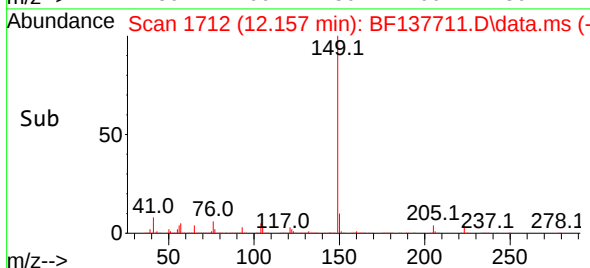
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

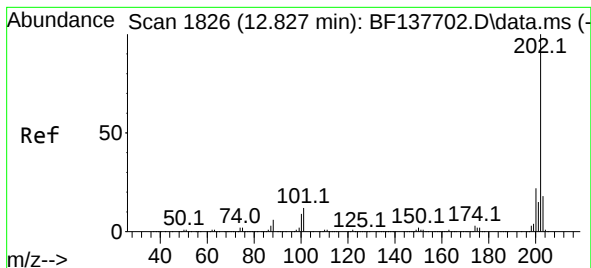


#74
 Di-n-butylphthalate
 Concen: 45.278 ng
 RT: 12.157 min Scan# 1712
 Delta R.T. 0.000 min
 Lab File: BF137711.D
 Acq: 24 Apr 2024 11:04



Tgt Ion:149 Resp: 3324856
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.6
 104 5.4 4.2 6.4





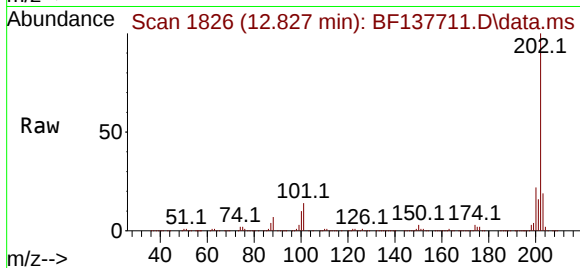
#75
Fluoranthene
Concen: 44.850 ng
RT: 12.827 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



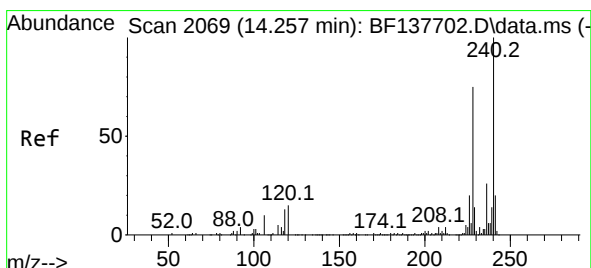
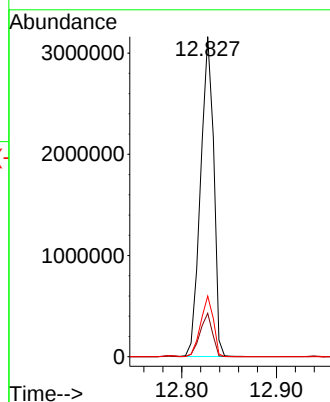
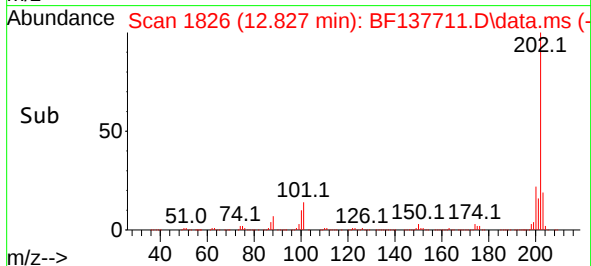
Tgt Ion:202 Resp: 306008
Ion Ratio Lower Upper
202 100
101 13.6 0.0 32.2
203 18.9 0.0 38.1

Manual Integrations

APPROVED

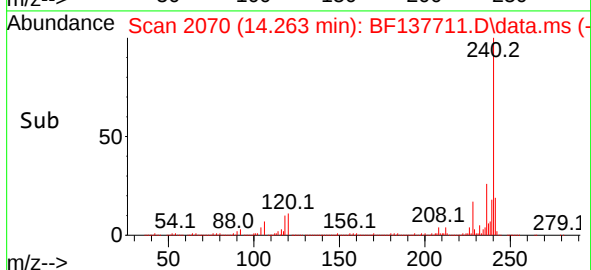
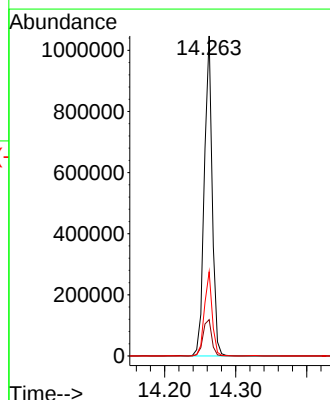
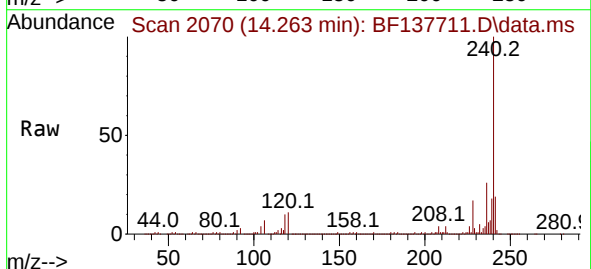
Reviewed By :Yogesh Patel 04/26/2024

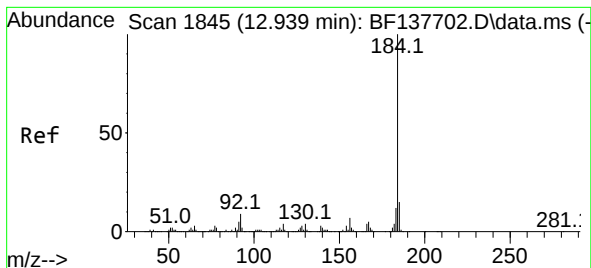
Supervised By :mohammad ahmed 04/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.263 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:240 Resp: 813422
Ion Ratio Lower Upper
240 100
120 11.4 11.9 17.9#
236 26.3 20.8 31.2





#77

Benzidine

Concen: 38.716 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF137711.D

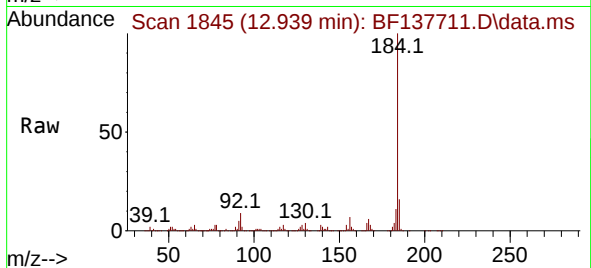
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



Tgt Ion:184 Resp: 735550

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.4

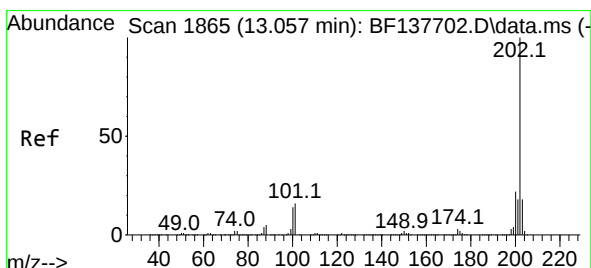
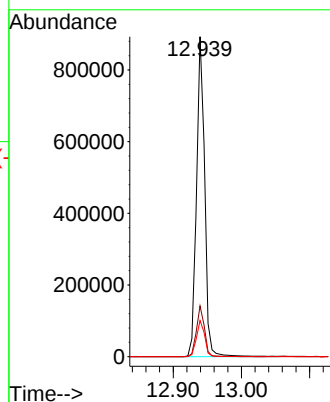
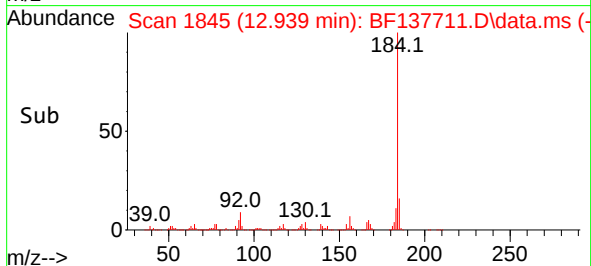
183 11.3 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#78

Pyrene

Concen: 46.519 ng

RT: 13.063 min Scan# 1866

Delta R.T. 0.006 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

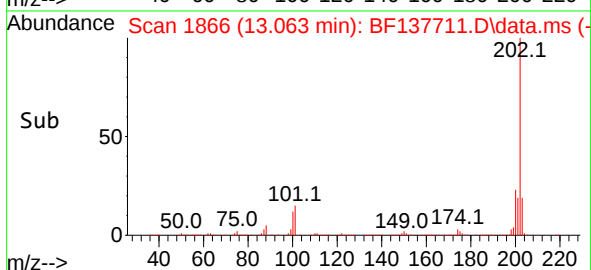
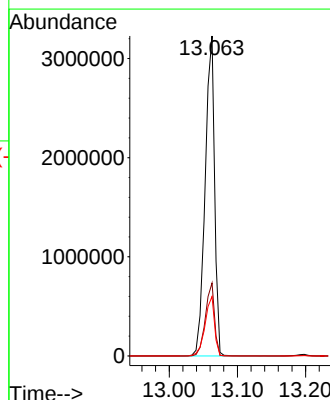
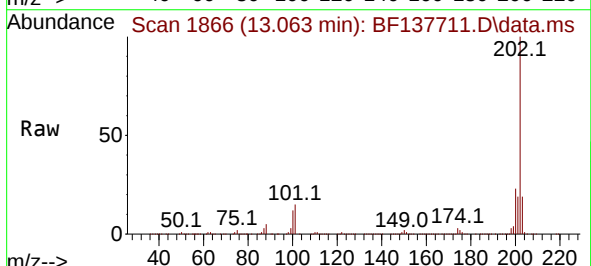
Tgt Ion:202 Resp: 3105845

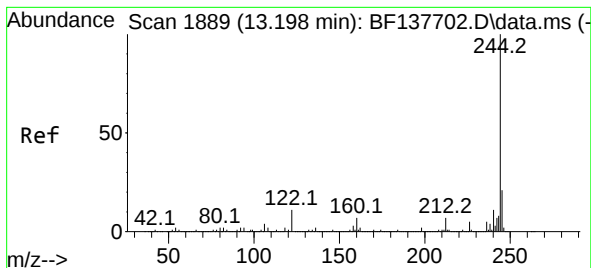
Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.6

203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 85.841 ng

RT: 13.198 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BF137711.D

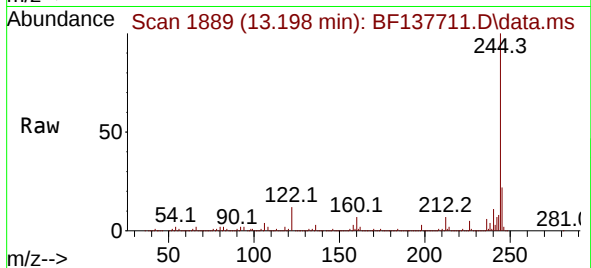
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



Tgt Ion:244 Resp: 433816

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

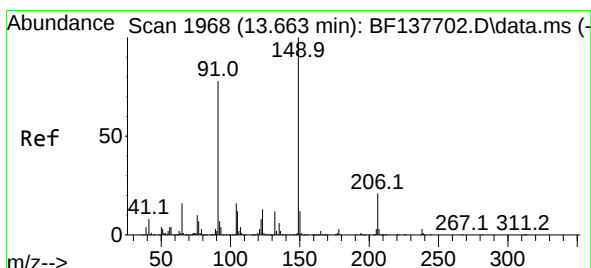
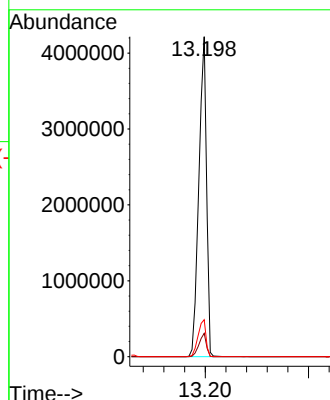
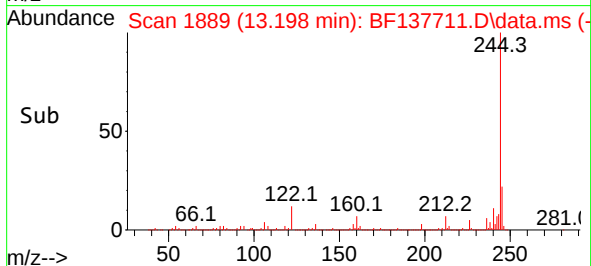
122 11.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#80

Butylbenzylphthalate

Concen: 51.606 ng

RT: 13.669 min Scan# 1969

Delta R.T. 0.006 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

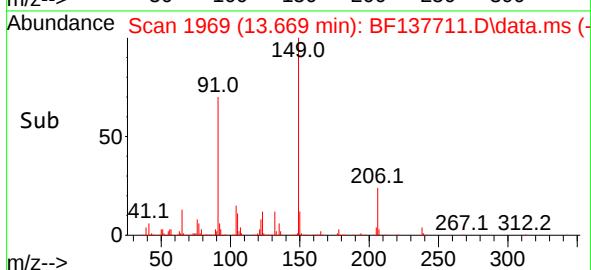
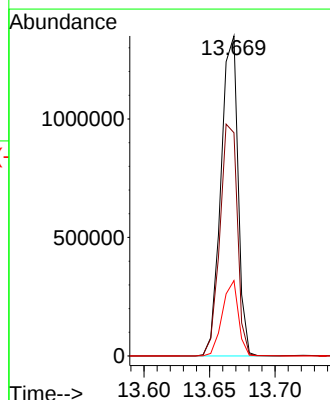
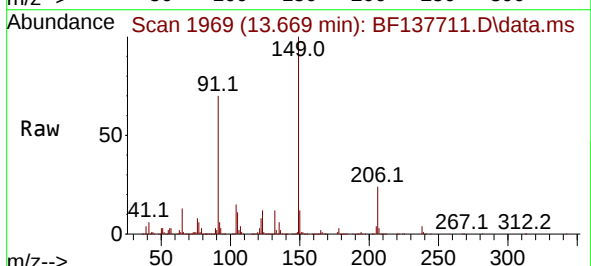
Tgt Ion:149 Resp: 1221838

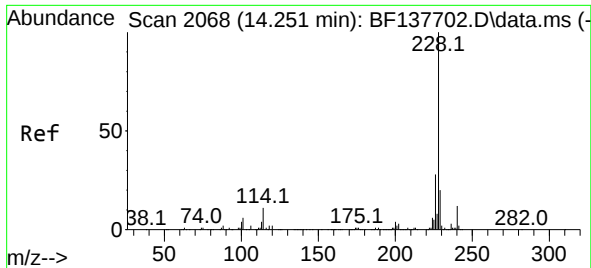
Ion Ratio Lower Upper

149 100

91 69.8 62.6 93.8

206 23.6 16.5 24.7





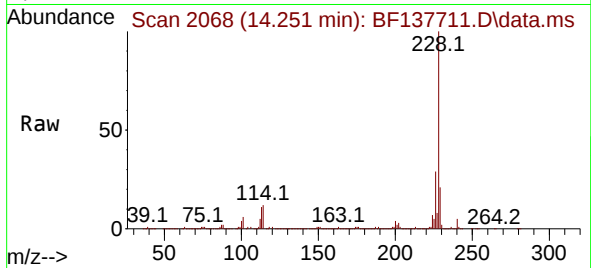
#81
Benzo(a)anthracene
Concen: 47.098 ng
RT: 14.251 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



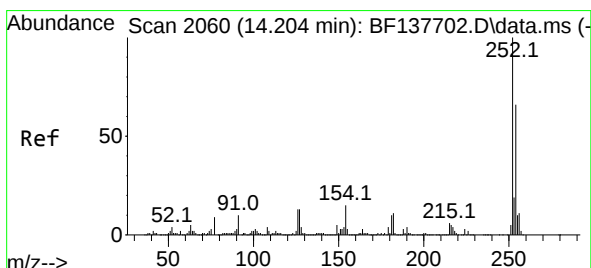
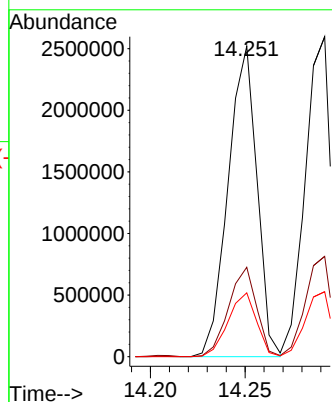
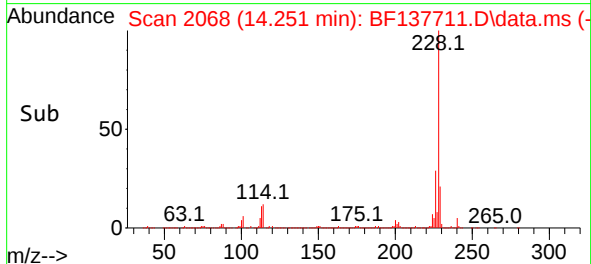
Tgt Ion:228 Resp: 267206
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.6 16.0 24.0

Manual Integrations

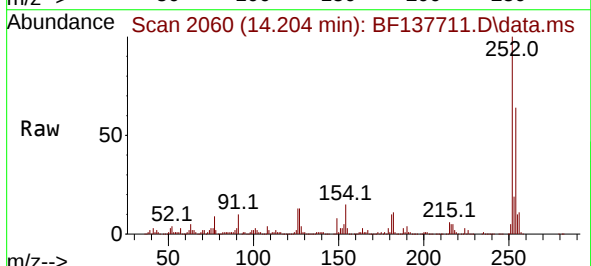
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

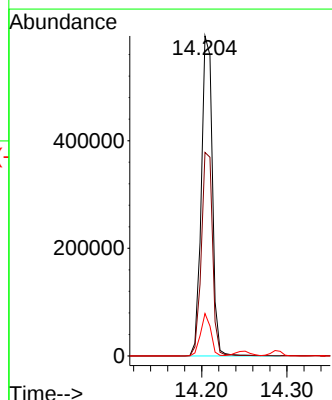
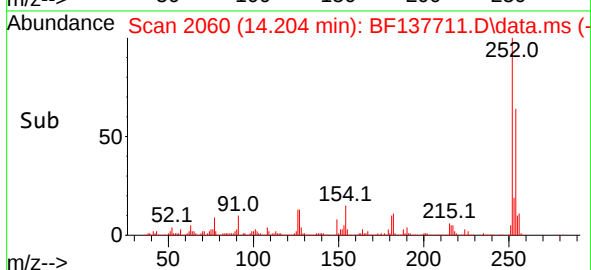
Supervised By :mohammad ahmed 04/27/2024

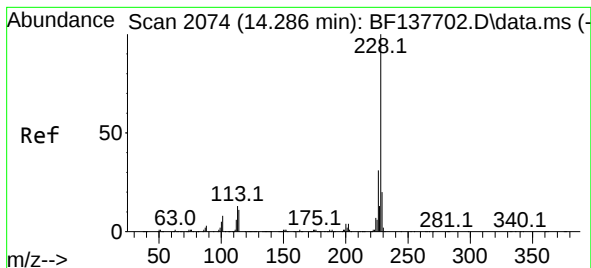


#82
3,3'-Dichlorobenzidine
Concen: 30.512 ng
RT: 14.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:252 Resp: 535606
Ion Ratio Lower Upper
252 100
254 63.6 52.6 79.0
126 13.2 10.8 16.2





#83

Chrysene

Concen: 46.302 ng

RT: 14.292 min Scan# 2075

Delta R.T. 0.006 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS

Tgt Ion:228 Resp: 245451

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

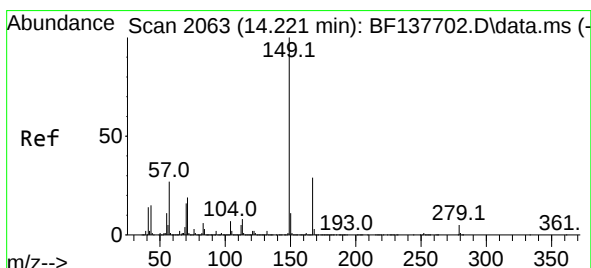
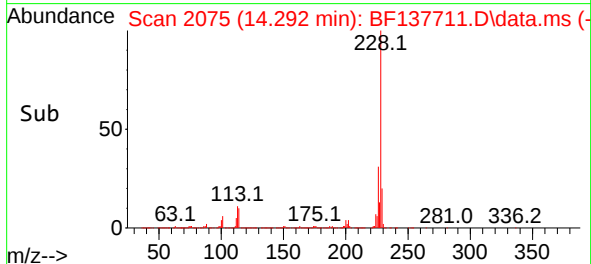
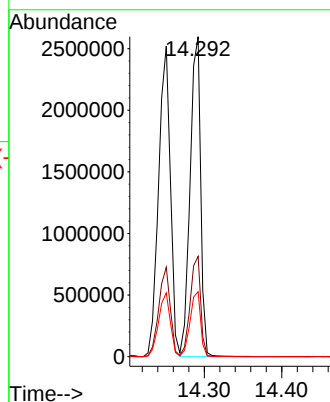
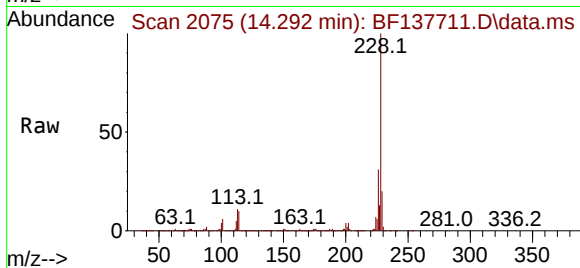
229 20.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.218 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

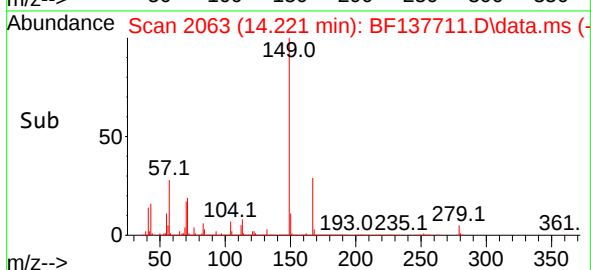
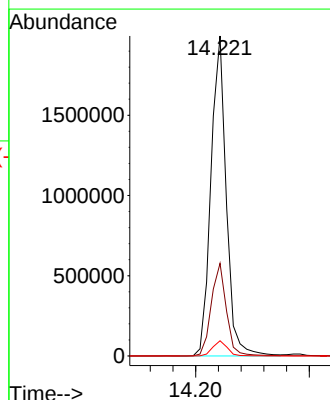
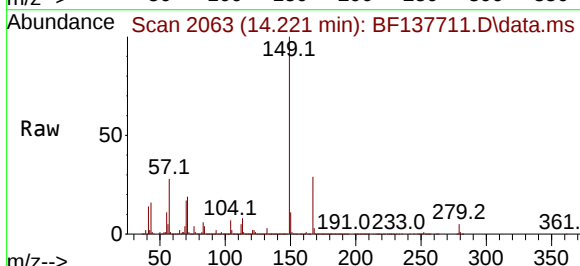
Tgt Ion:149 Resp: 1867100

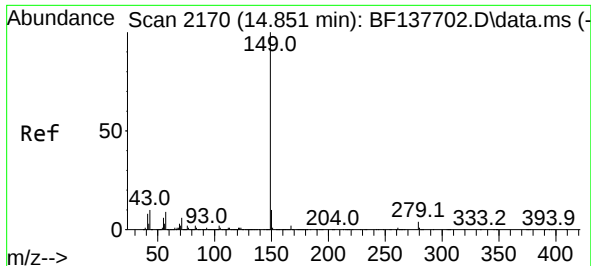
Ion Ratio Lower Upper

149 100

167 28.9 23.4 35.0

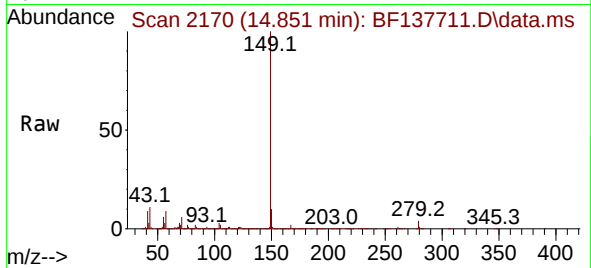
279 4.8 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 52.031 ng
RT: 14.851 min Scan# 2170
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

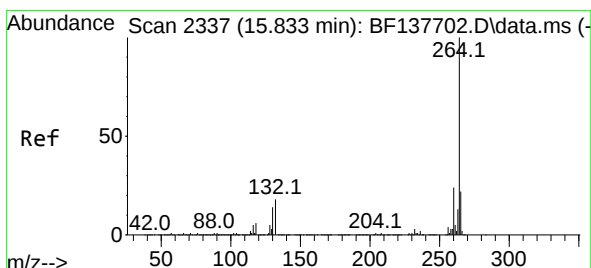
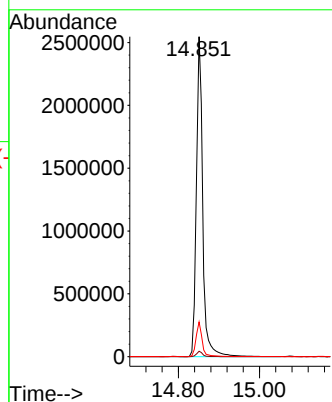
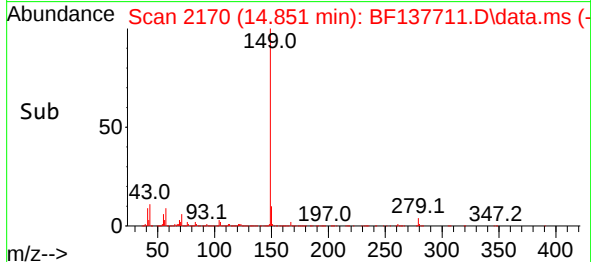
Instrument :
BNA_F
ClientSampleId :
PB160424BS



Tgt Ion:149 Resp: 279455
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.5 8.8 13.2

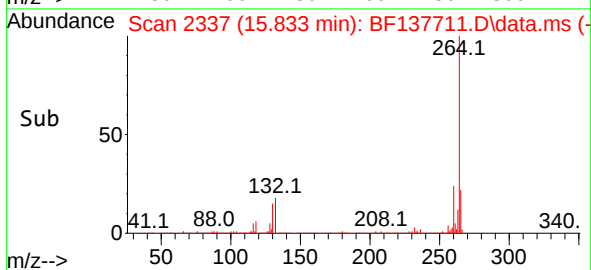
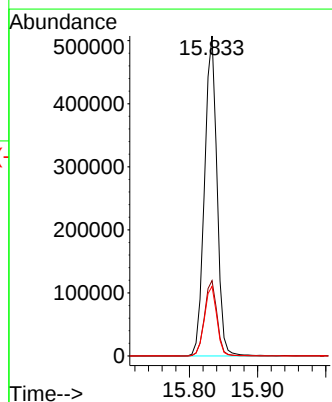
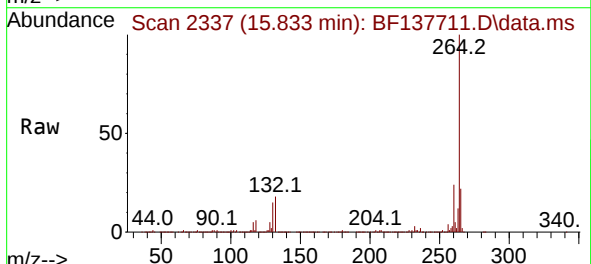
Manual Integrations
APPROVED

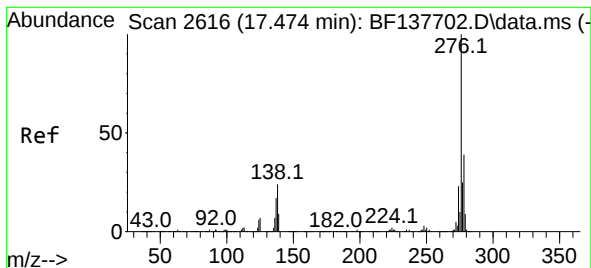
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.833 min Scan# 2337
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:264 Resp: 644767
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.975 ng

RT: 17.480 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS

Tgt Ion:276 Resp: 1893914

Ion Ratio Lower Upper

276 100

138 27.3 22.3 33.5

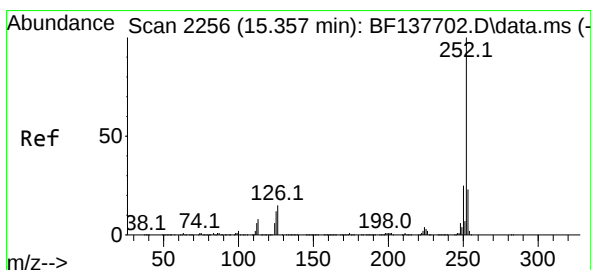
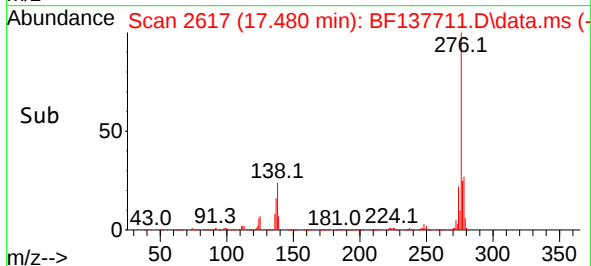
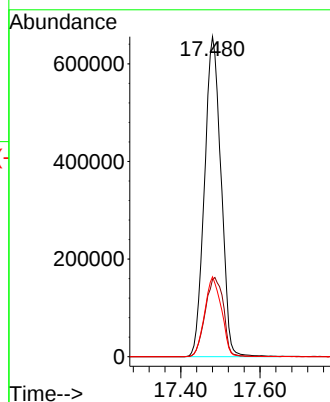
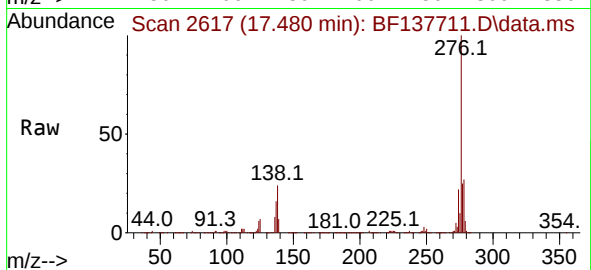
277 25.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#88

Benzo(b)fluoranthene

Concen: 49.334 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.000 min

Lab File: BF137711.D

Acq: 24 Apr 2024 11:04

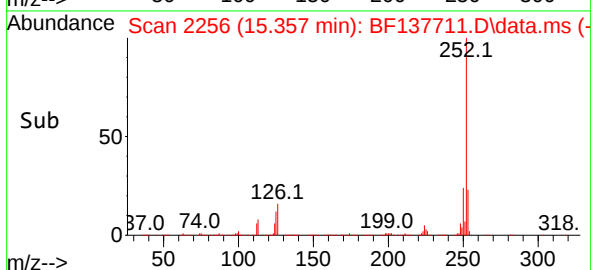
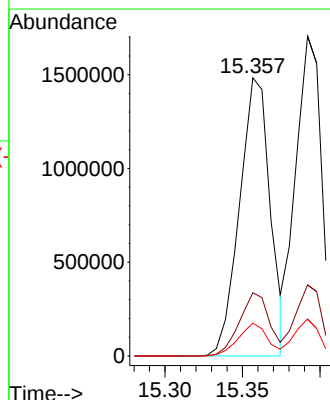
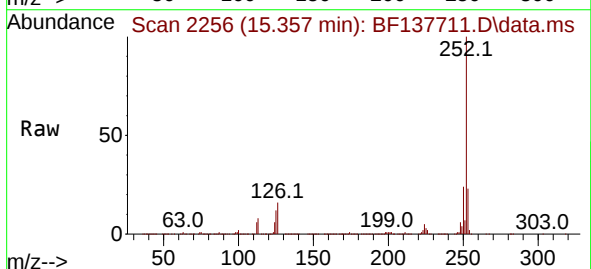
Tgt Ion:252 Resp: 2035474

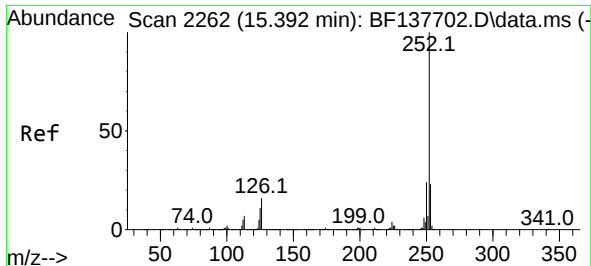
Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 11.8 9.2 13.8





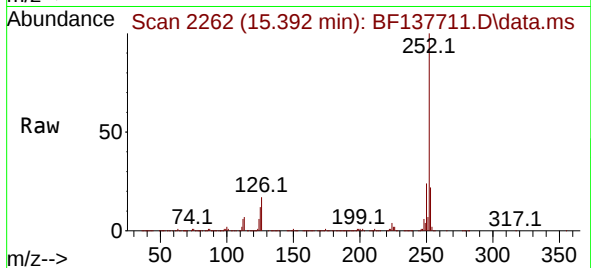
#89
Benzo(k)fluoranthene
Concen: 49.361 ng
RT: 15.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



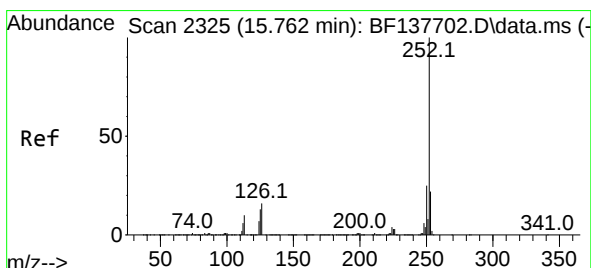
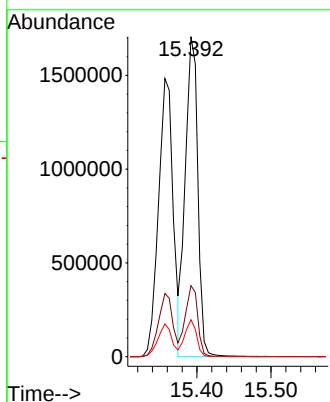
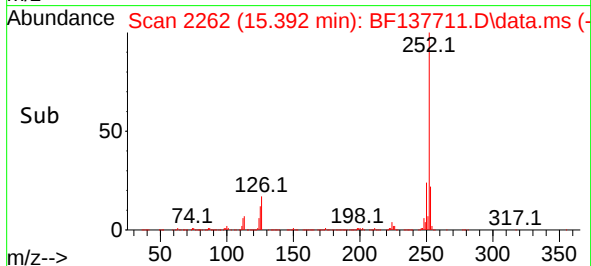
Tgt Ion:252 Resp: 2001959
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.6 9.0 13.6

Manual Integrations

APPROVED

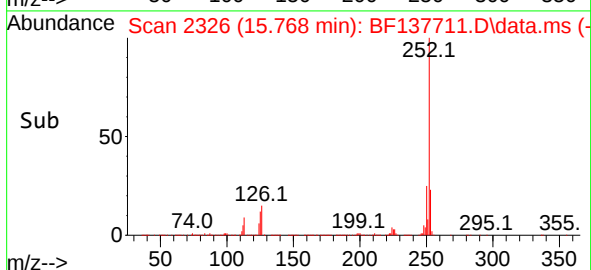
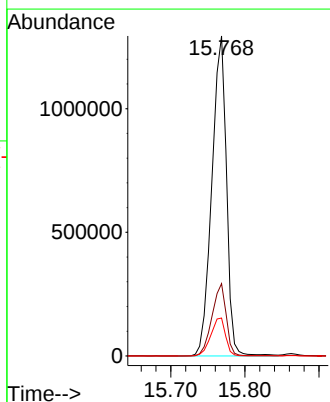
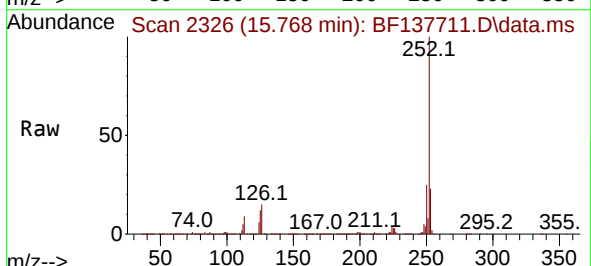
Reviewed By :Yogesh Patel 04/26/2024

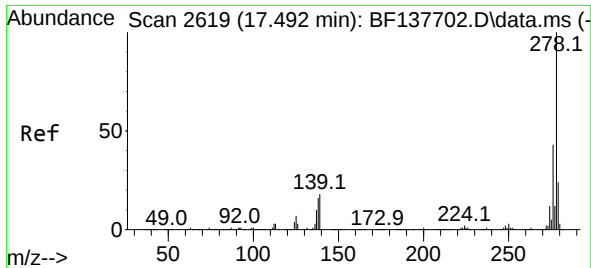
Supervised By :mohammad ahmed 04/27/2024



#90
Benzo(a)pyrene
Concen: 47.923 ng
RT: 15.768 min Scan# 2326
Delta R.T. 0.006 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Tgt Ion:252 Resp: 1773754
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 11.8 10.2 15.2





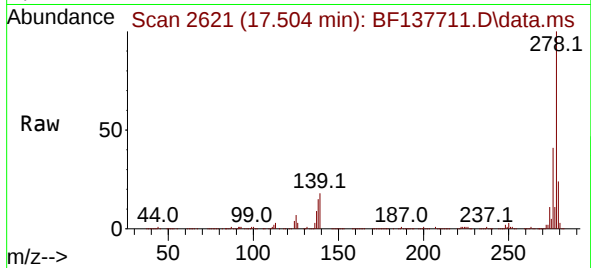
#91
Dibenzo(a,h)anthracene
Concen: 51.919 ng
RT: 17.504 min Scan# 2703
Delta R.T. 0.012 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB160424BS



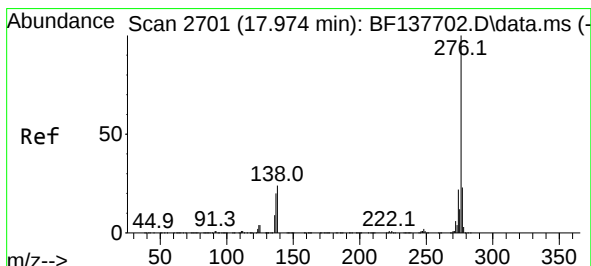
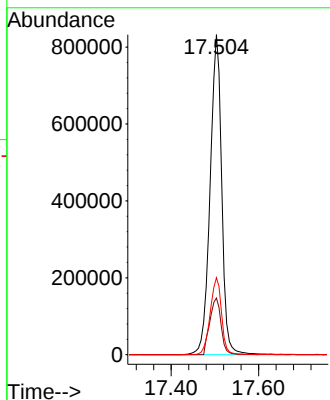
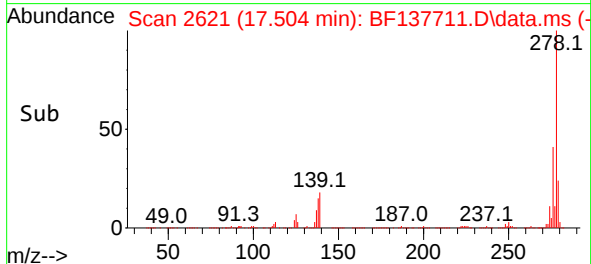
Tgt Ion:278 Resp: 1540319
Ion Ratio Lower Upper
278 100
139 17.7 14.7 22.1
279 24.0 19.1 28.7

Manual Integrations

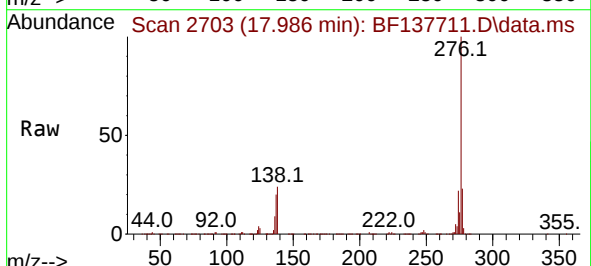
APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#92
Benzo(g,h,i)perylene
Concen: 50.557 ng
RT: 17.986 min Scan# 2703
Delta R.T. 0.012 min
Lab File: BF137711.D
Acq: 24 Apr 2024 11:04



Tgt Ion:276 Resp: 1458517
Ion Ratio Lower Upper
276 100
277 23.4 18.5 27.7
138 23.5 19.5 29.3

