

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
 Data File : BF137733.D
 Acq On : 26 Apr 2024 13:54
 Operator : CG\JU
 Sample : SP6478
 Misc : 8270 SPIKE
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6478

Quant Time: Apr 26 14:28:39 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	218086	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	871765	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	491185	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	853405	20.000	ng	0.00
76) Chrysene-d12	14.257	240	565305	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	452650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0	0.000	ng	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.099	88	365388	56.837	ng	98
3) Pyridine	3.822	79	879812	51.375	ng	99
4) n-Nitrosodimethylamine	3.799	42	450508	56.367	ng	96
6) Aniline	6.722	93	881225	38.834	ng	99
8) 2-Chlorophenol	6.845	128	918633	61.296	ng	99
9) Benzaldehyde	6.616	77	686782	67.124	ng	98
10) Phenol	6.681	94	1124180	61.722	ng	97
11) bis(2-Chloroethyl)ether	6.792	93	861133	57.965	ng	98
12) 1,3-Dichlorobenzene	7.004	146	978085	62.233	ng	97
13) 1,4-Dichlorobenzene	7.081	146	979384	61.896	ng	98
14) 1,2-Dichlorobenzene	7.234	146	944107	64.100	ng	99
15) Benzyl Alcohol	7.198	79	778760	57.100	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	1288387	56.392	ng	99
17) 2-Methylphenol	7.298	107	731817	54.961	ng	99
18) Hexachloroethane	7.575	117	347681	62.085	ng	100
19) n-Nitroso-di-n-propyla...	7.463	70	634138	53.790	ng	99
20) 3+4-Methylphenols	7.451	107	937920	54.538	ng	91
22) Acetophenone	7.469	105	1251455	58.692	ng	99
24) Nitrobenzene	7.639	77	946911	57.071	ng	96
25) Isophorone	7.881	82	1766941	57.931	ng	100
26) 2-Nitrophenol	7.957	139	495608	68.067	ng	96
27) 2,4-Dimethylphenol	7.986	122	707723	48.178	ng	99
28) bis(2-Chloroethoxy)met...	8.086	93	1071895	57.537	ng	99
29) 2,4-Dichlorophenol	8.198	162	786595	61.099	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	812298	61.903	ng	97
31) Naphthalene	8.369	128	2642316	59.397	ng	100
32) Benzoic acid	8.098	122	620493	66.711	ng	99
33) 4-Chloroaniline	8.410	127	531469	28.225	ng	99
34) Hexachlorobutadiene	8.481	225	484655	61.608	ng	98
35) Caprolactam	8.786	113	248938m	59.807	ng	
36) 4-Chloro-3-methylphenol	8.886	107	806435	59.060	ng	93
37) 2-Methylnaphthalene	9.063	142	1737168	56.894	ng	100
38) 1-Methylnaphthalene	9.163	142	1621722	56.808	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	807897	59.995	ng	99
41) Hexachlorocyclopentadiene	9.210	237	1007815	133.571	ng	98
43) 2,4,6-Trichlorophenol	9.333	196	569698	60.306	ng	98

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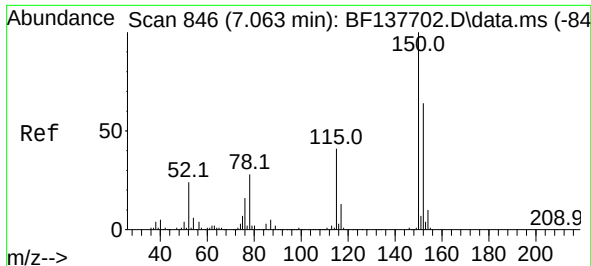
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 04/30/2024

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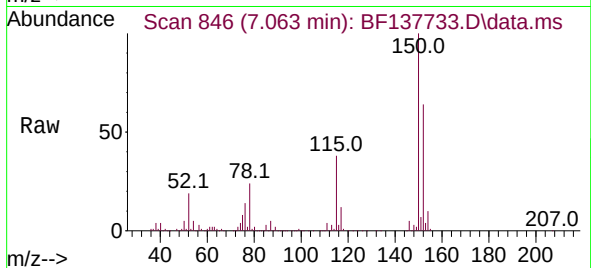
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	602145	55.618	ng	97
46) 1,1'-Biphenyl	9.528	154	2096058	58.659	ng	97
47) 2-Chloronaphthalene	9.551	162	1644714	59.710	ng	99
48) 2-Nitroaniline	9.645	65	507014	60.405	ng	97
49) Acenaphthylene	9.975	152	2582871	60.129	ng	100
50) Dimethylphthalate	9.822	163	1949583	56.969	ng	99
51) 2,6-Dinitrotoluene	9.886	165	436835	60.584	ng	93
52) Acenaphthene	10.145	154	1751560	62.974	ng	98
53) 3-Nitroaniline	10.057	138	312335	38.546	ng	98
54) 2,4-Dinitrophenol	10.163	184	505403	128.297	ng	# 46
55) Dibenzofuran	10.322	168	2344015	57.491	ng	98
56) 4-Nitrophenol	10.210	139	753384	119.557	ng	98
57) 2,4-Dinitrotoluene	10.292	165	600167	66.024	ng	98
58) Fluorene	10.663	166	1823867	57.250	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	504780	60.213	ng	97
60) Diethylphthalate	10.522	149	1838340	55.850	ng	99
61) 4-Chlorophenyl-phenyle...	10.651	204	904415	57.455	ng	95
62) 4-Nitroaniline	10.680	138	461703	59.822	ng	100
63) Azobenzene	10.810	77	1869510	55.427	ng	98
65) 4,6-Dinitro-2-methylph...	10.698	198	336914	68.854	ng	94
66) n-Nitrosodiphenylamine	10.769	169	1604150	55.499	ng	99
67) 4-Bromophenyl-phenylether	11.145	248	558636	56.492	ng	95
68) Hexachlorobenzene	11.210	284	597431	62.014	ng	95
69) Atrazine	11.292	200	550806	68.937	ng	99
70) Pentachlorophenol	11.404	266	783851	108.164	ng	99
71) Phenanthrene	11.633	178	2548021	56.403	ng	100
72) Anthracene	11.686	178	2604145	56.295	ng	100
73) Carbazole	11.833	167	2397511	57.189	ng	99
74) Di-n-butylphthalate	12.151	149	2807311	54.932	ng	100
75) Fluoranthene	12.821	202	2693385	56.722	ng	99
77) Benzidine	12.939	184	1693697	128.275	ng	100
78) Pyrene	13.057	202	2717076	58.558	ng	100
80) Butylbenzylphthalate	13.663	149	1024493	62.262	ng	92
81) Benzo(a)anthracene	14.245	228	2324057	58.943	ng	99
82) 3,3'-Dichlorobenzidine	14.204	252	477015	39.101	ng	# 97
83) Chrysene	14.286	228	2157138	58.553	ng	100
84) Bis(2-ethylhexyl)phtha...	14.216	149	1420455	57.162	ng	100
85) Di-n-octyl phthalate	14.845	149	2071659	55.501	ng	98
87) Indeno(1,2,3-cd)pyrene	17.468	276	1667465	66.437	ng	99
88) Benzo(b)fluoranthene	15.351	252	1803948	62.279	ng	100
89) Benzo(k)fluoranthene	15.386	252	1775974	62.374	ng	100
90) Benzo(a)pyrene	15.762	252	1574409	60.591	ng	98
91) Dibenzo(a,h)anthracene	17.492	278	1351191	64.874	ng	98
92) Benzo(g,h,i)perylene	17.968	276	1269752	62.694	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# 84
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

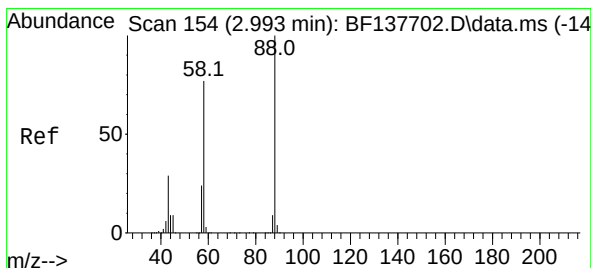
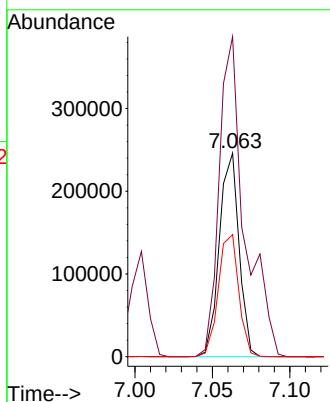
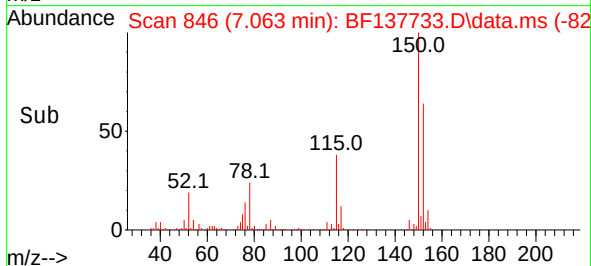
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion:152 Resp: 21808
Ion Ratio Lower Upper
152 100
150 157.2 124.2 186.4
115 60.0 50.8 76.2

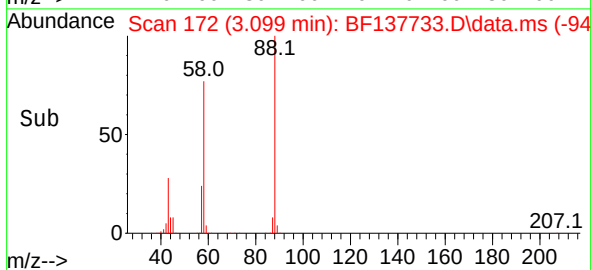
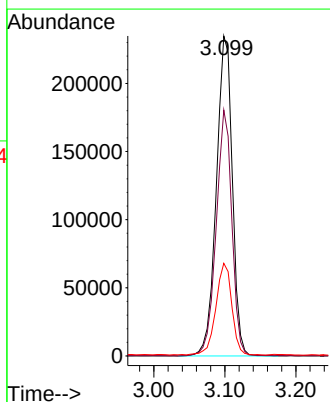
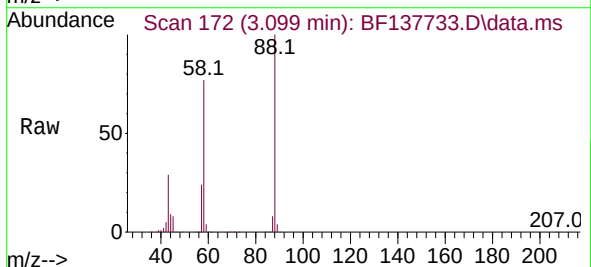
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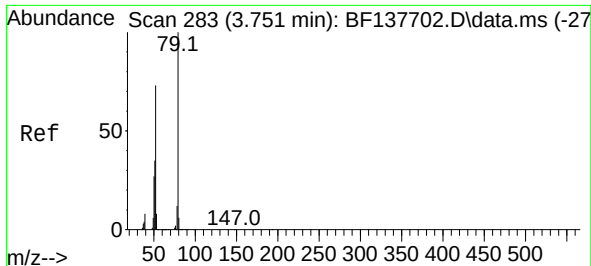
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#2
1,4-Dioxane
Concen: 56.837 ng
RT: 3.099 min Scan# 172
Delta R.T. 0.106 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Tgt Ion: 88 Resp: 365388
Ion Ratio Lower Upper
88 100
58 75.5 62.4 93.6
43 28.8 23.7 35.5





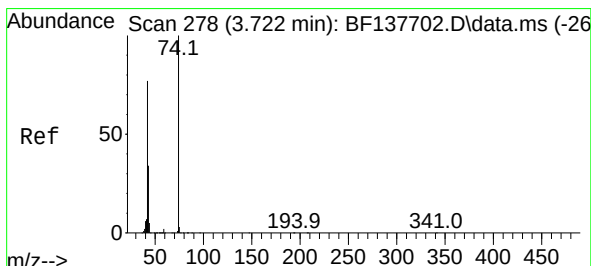
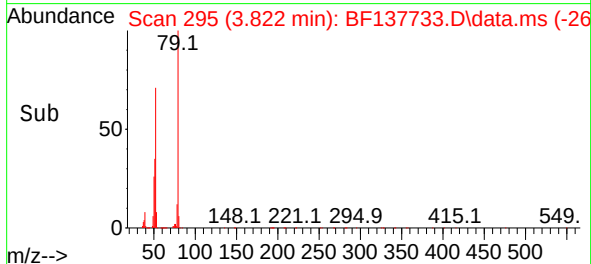
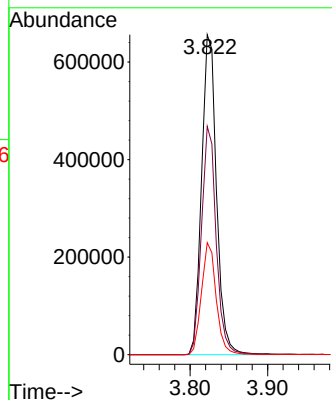
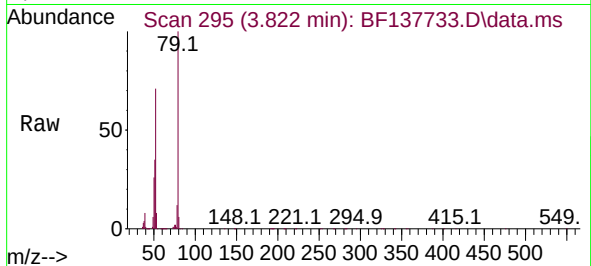
#3
Pyridine
Concen: 51.375 ng
RT: 3.822 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Instrument :
BNA_F
ClientSampleId :
SP6478

Tgt Ion: 79 Resp: 879812
Ion Ratio Lower Upper
79 100
52 71.3 58.0 87.0
51 35.0 27.9 41.9

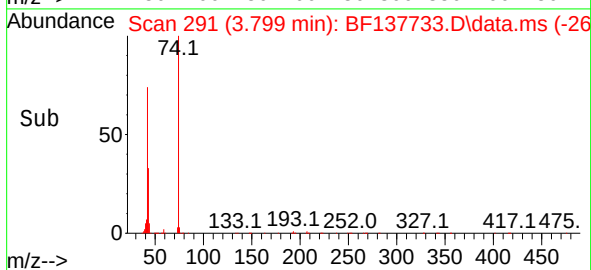
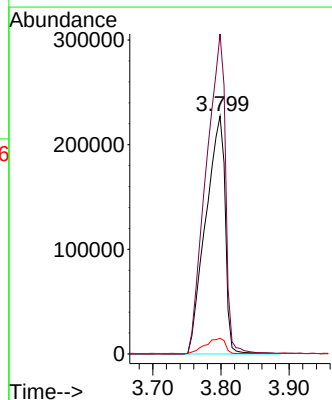
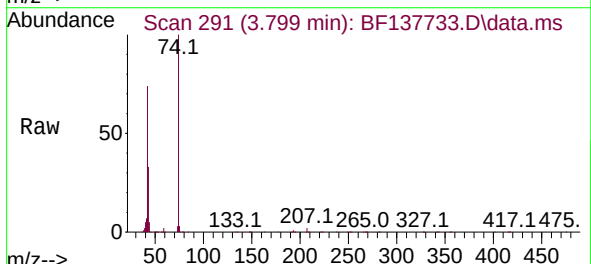
Manual Integrations
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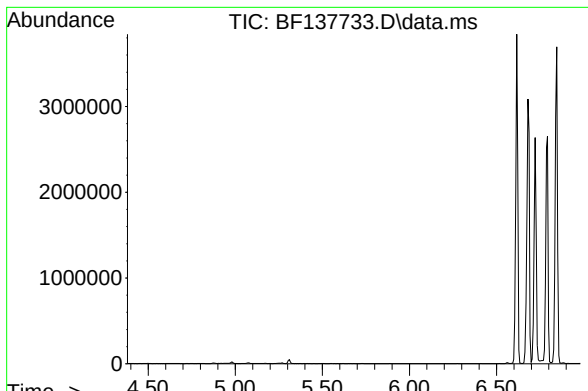
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#4
n-Nitrosodimethylamine
Concen: 56.367 ng
RT: 3.799 min Scan# 291
Delta R.T. 0.077 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Tgt Ion: 42 Resp: 450508
Ion Ratio Lower Upper
42 100
74 134.6 103.4 155.2
44 6.6 5.5 8.3





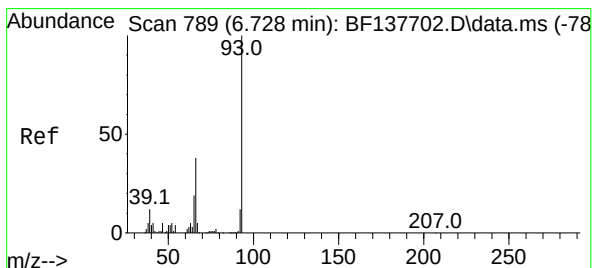
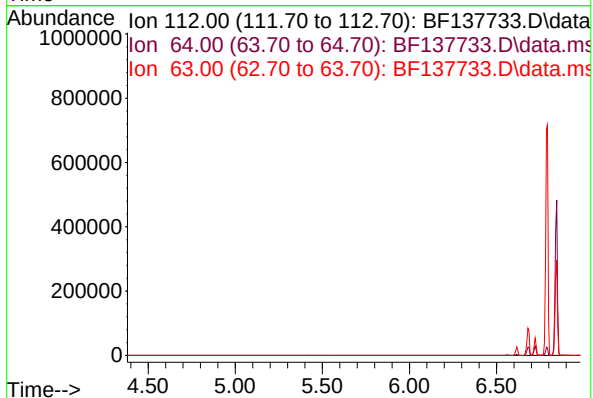
#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.68 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SP6478

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 62.6
 63 31.5

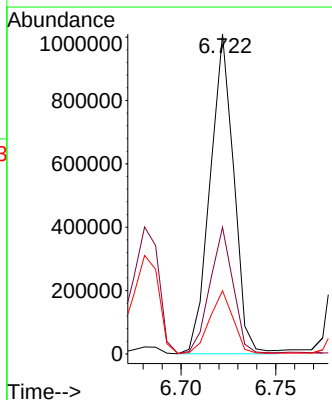
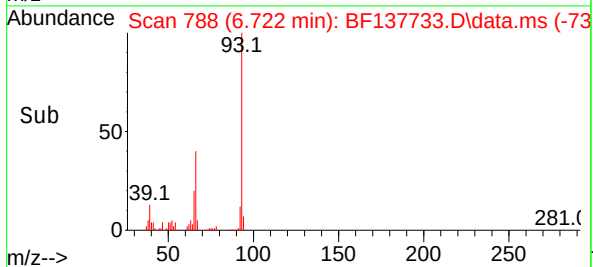
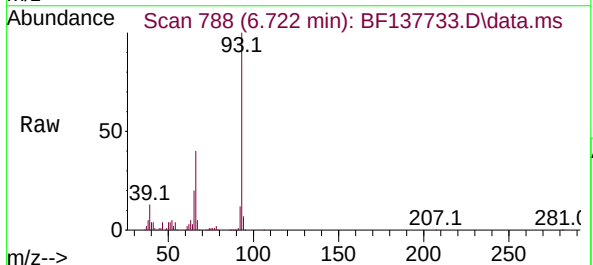
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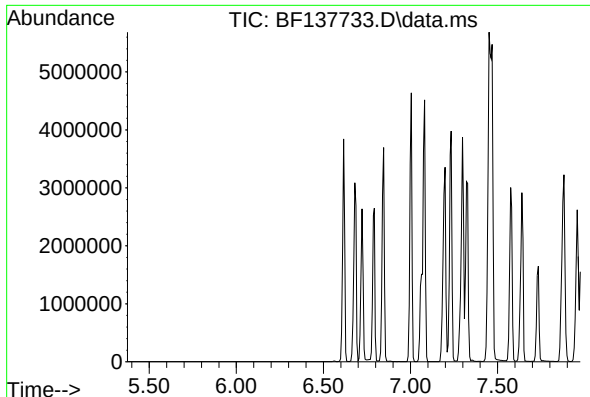
Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#6
 Aniline
 Concen: 38.834 ng
 RT: 6.722 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54

Tgt Ion: 93 Resp: 881225
 Ion Ratio Lower Upper
 93 100
 66 39.6 32.1 48.1
 65 19.8 16.4 24.6





#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.67 min

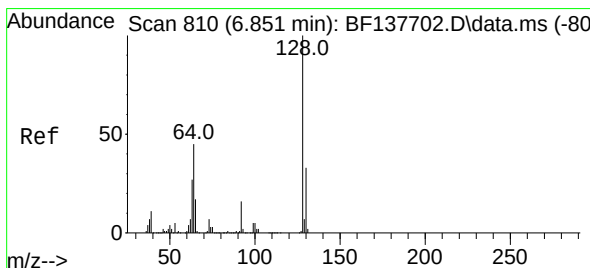
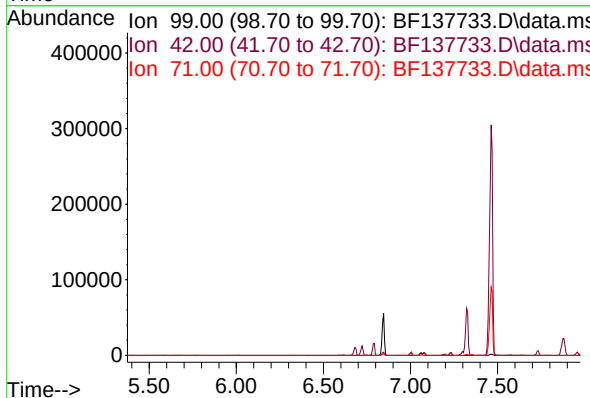
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Instrument :
BNA_F
ClientSampleId :
SP6478

Tgt Ion: 99
Sig Exp Ratio
99 100
42 18.7
71 32.1

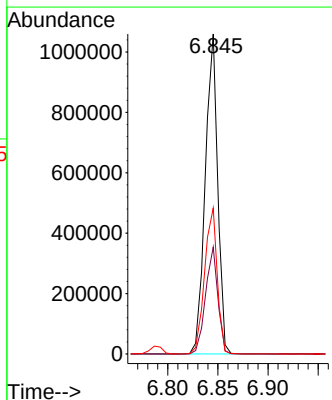
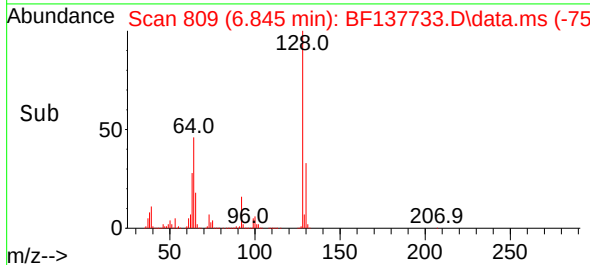
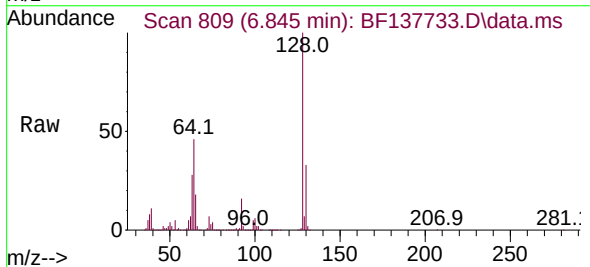
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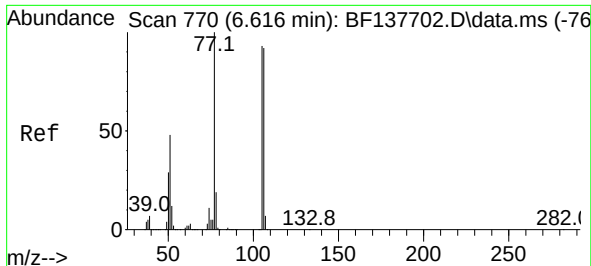
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#8
2-Chlorophenol
Concen: 61.296 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

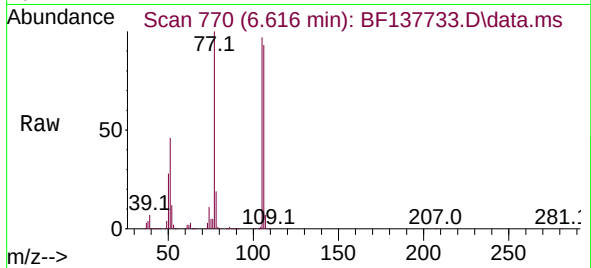
Tgt Ion:128 Resp: 918633
Ion Ratio Lower Upper
128 100
130 33.4 13.2 53.2
64 45.6 24.7 64.7





#9
Benzaldehyde
Concen: 67.124 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF137733.D
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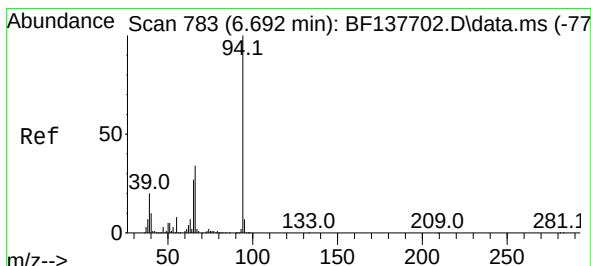
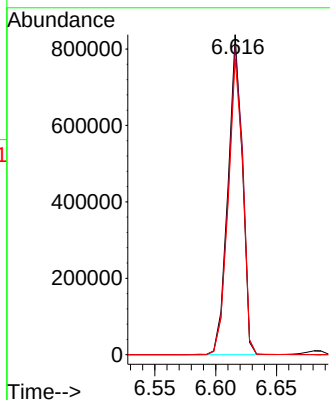
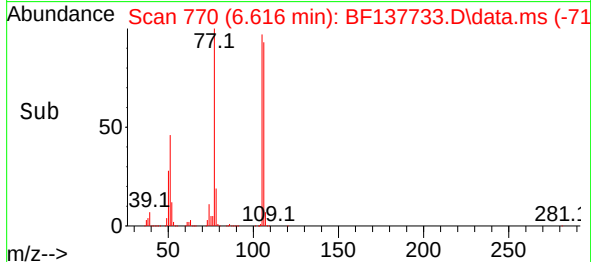
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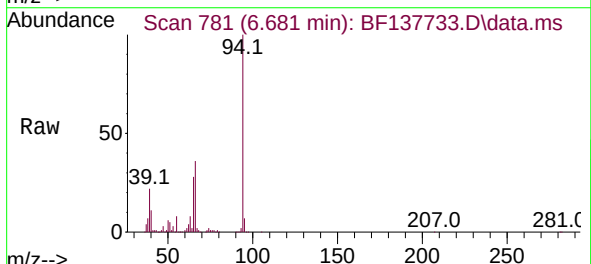
Tgt Ion: 77 Resp: 686782
Ion Ratio Lower Upper
77 100
105 96.8 73.3 113.3
106 92.6 72.1 112.1

Manual Integrations
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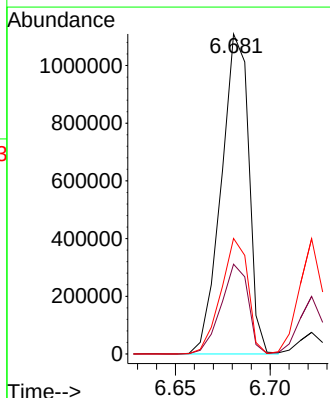
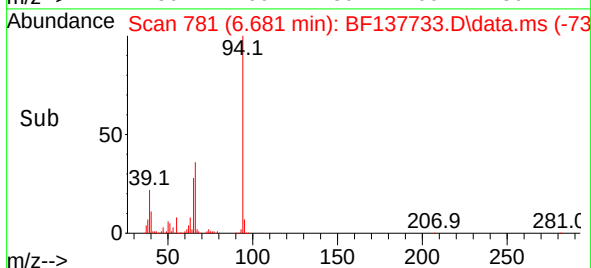
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

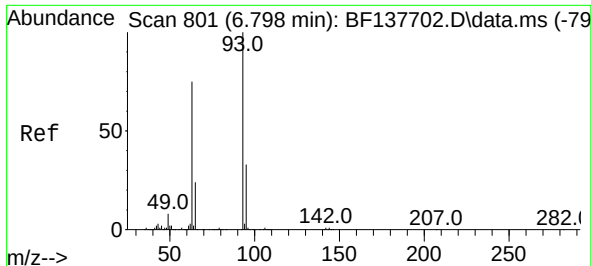


#10
Phenol
Concen: 61.722 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.012 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



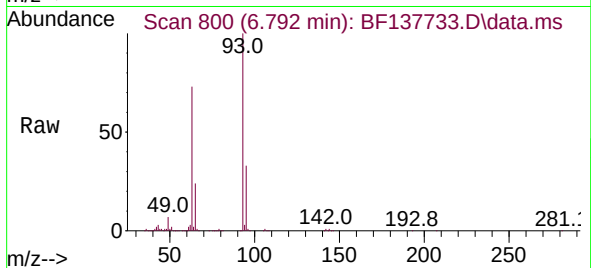
Tgt Ion: 94 Resp: 1124180
Ion Ratio Lower Upper
94 100
65 28.0 6.5 46.5
66 36.1 13.9 53.9





#11
bis(2-Chloroethyl)ether
Concen: 57.965 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

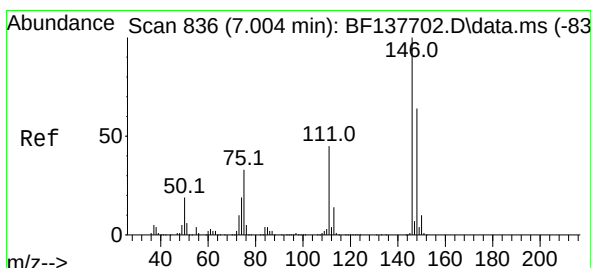
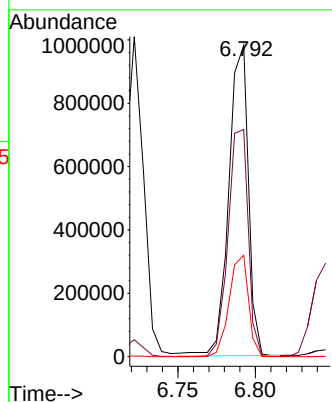
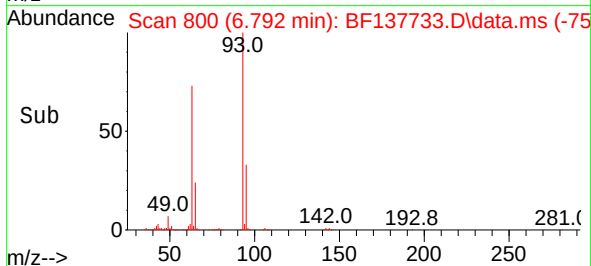
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion: 93 Resp: 861133
Ion Ratio Lower Upper
93 100
63 73.0 54.8 94.8
95 32.5 13.2 53.2

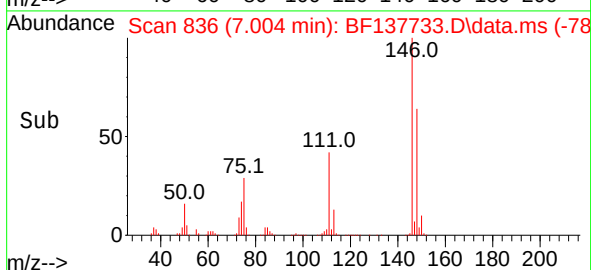
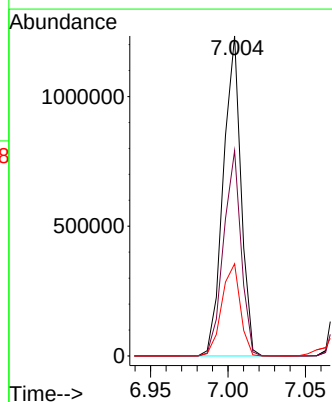
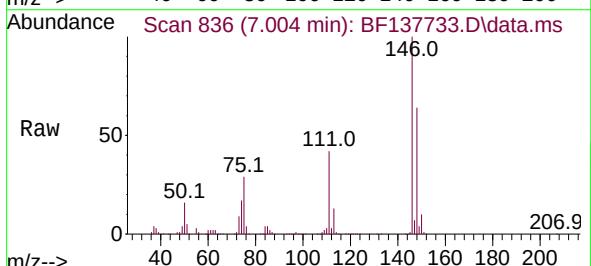
Manual Integrations
APPROVED

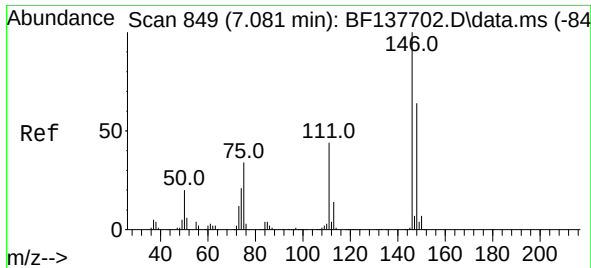
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#12
1,3-Dichlorobenzene
Concen: 62.233 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

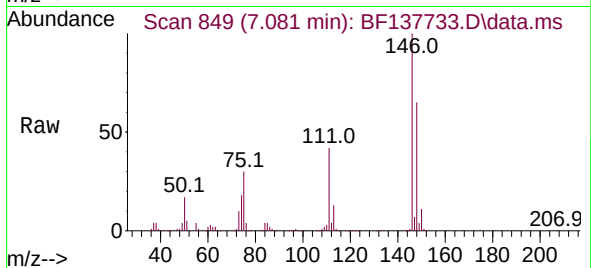
Tgt Ion:146 Resp: 978085
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
75 28.8 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 61.896 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

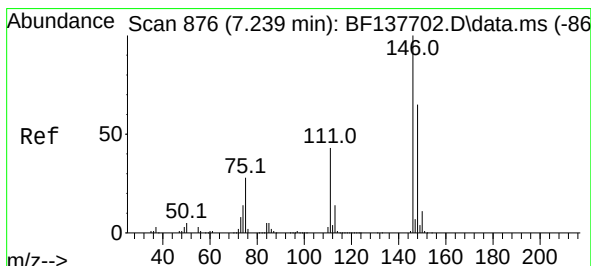
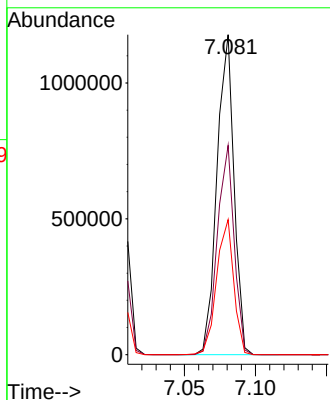
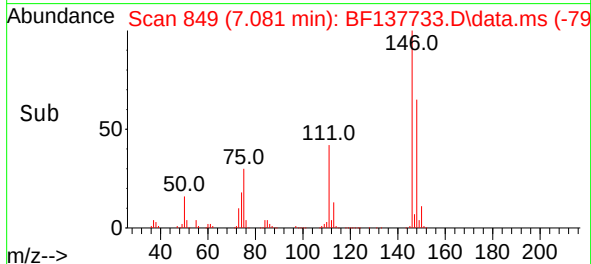
Instrument :
BNA_F
ClientSampleId :
SP6478



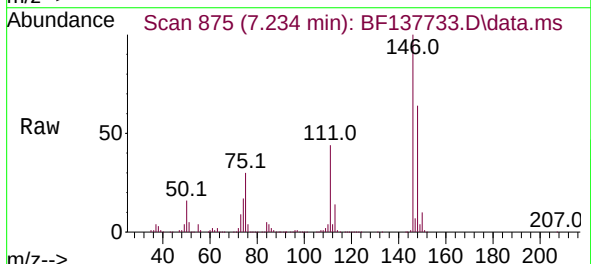
Tgt Ion:146 Resp: 979384
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.6
111 42.2 35.0 52.6

Manual Integrations
APPROVED

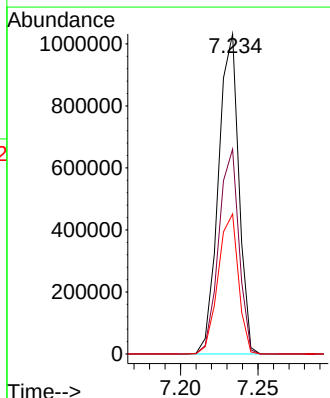
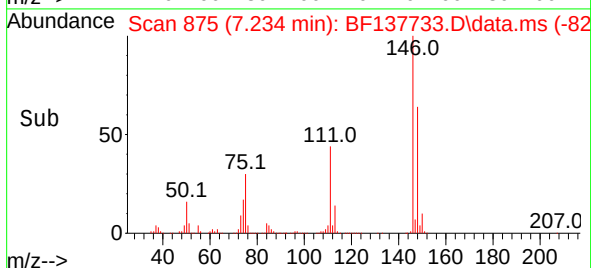
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

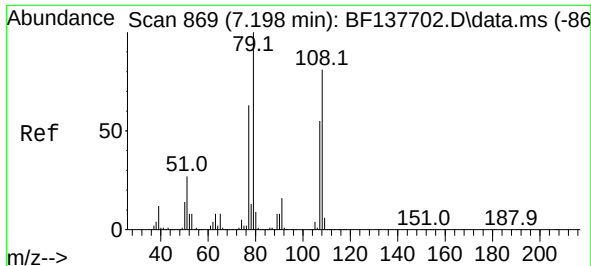


#14
1,2-Dichlorobenzene
Concen: 64.100 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



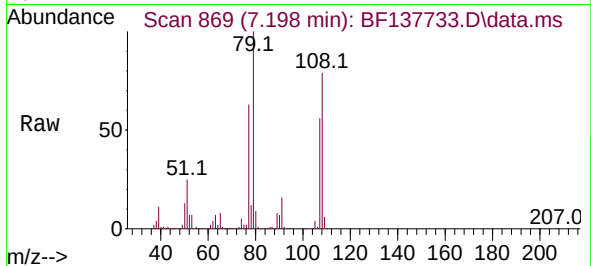
Tgt Ion:146 Resp: 944107
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
111 43.7 34.5 51.7





#15
Benzyl Alcohol
Concen: 57.100 ng
RT: 7.198 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

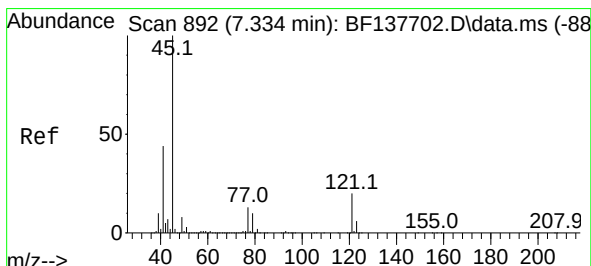
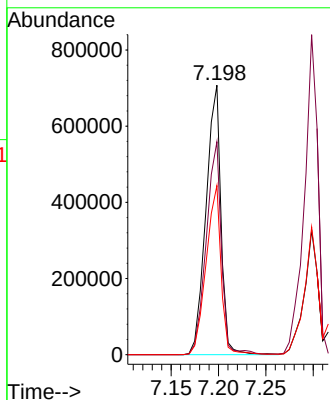
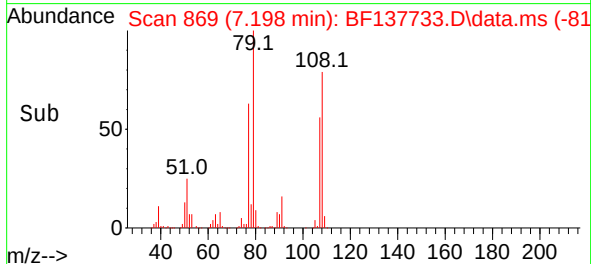
Instrument :
BNA_F
ClientSampleId :
SP6478



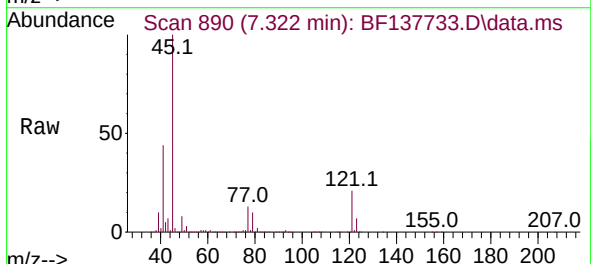
Tgt Ion: 79 Resp: 778760
Ion Ratio Lower Upper
79 100
108 79.0 64.8 97.2
77 62.7 50.3 75.5

Manual Integrations
APPROVED

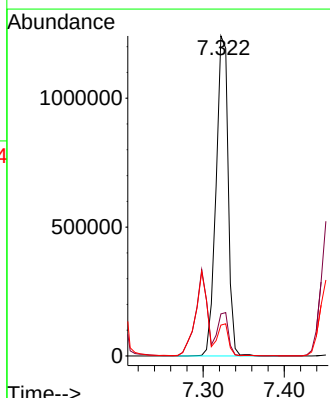
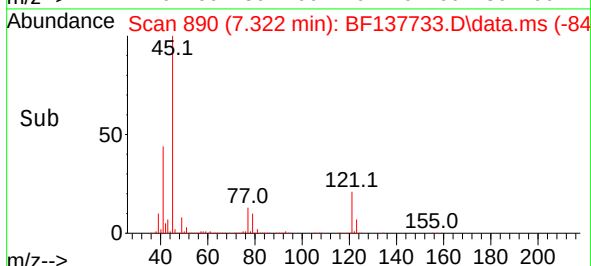
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

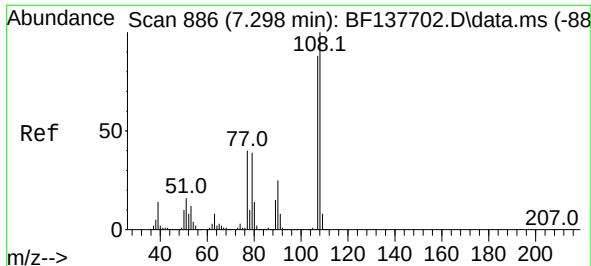


#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.392 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



Tgt Ion: 45 Resp: 1288387
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.8
79 9.7 0.0 30.1





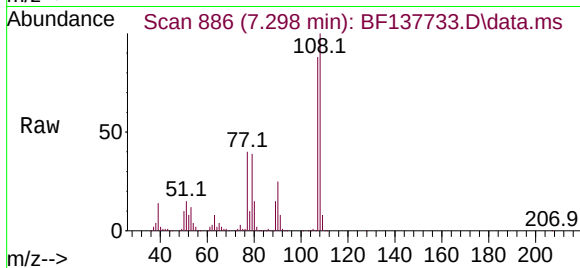
#17
2-Methylphenol
Concen: 54.961 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

SP6478

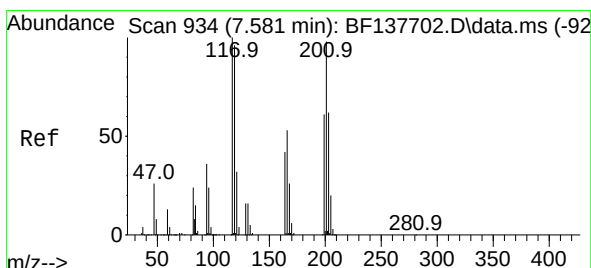
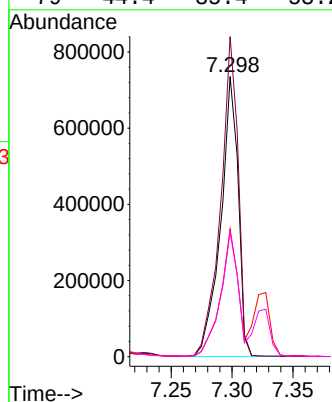
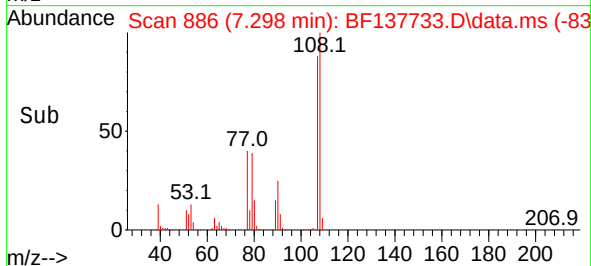


Tgt Ion:	107	Resp:	73181
Ion Ratio	Lower	Upper	
107	100		
108	114.2	90.6	135.8
77	45.6	35.8	53.8
79	44.4	35.4	53.2

Manual Integrations

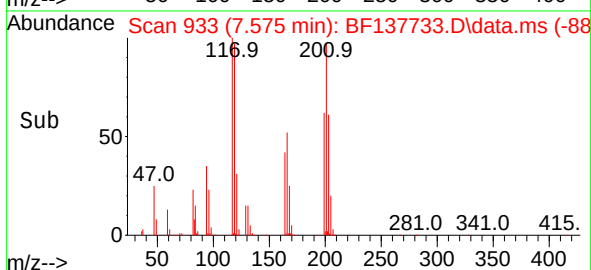
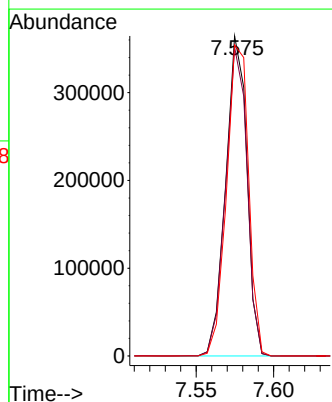
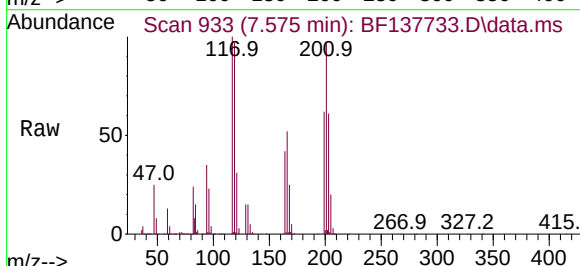
APPROVED

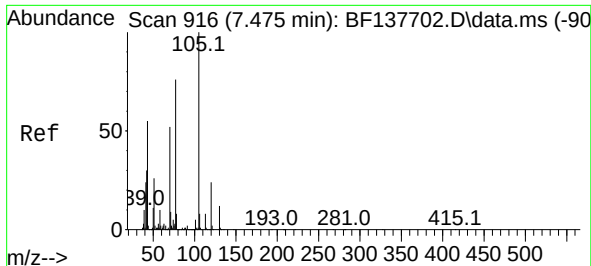
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#18
Hexachloroethane
Concen: 62.085 ng
RT: 7.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Tgt Ion:	117	Resp:	347681
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.1	115.7
201	97.2	78.1	117.1





#19

n-Nitroso-di-n-propylamine

Concen: 53.790 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.012 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

SP6478

Tgt Ion: 70 Resp: 634138

Ion Ratio Lower Upper

70 100

42 58.5 45.9 68.9

101 10.4 8.0 12.0

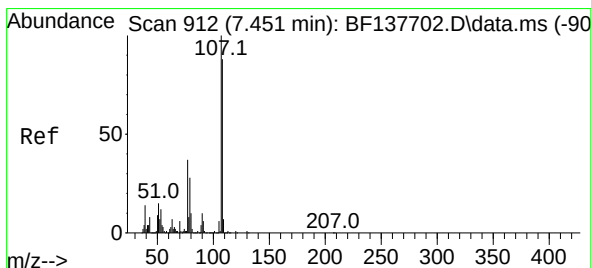
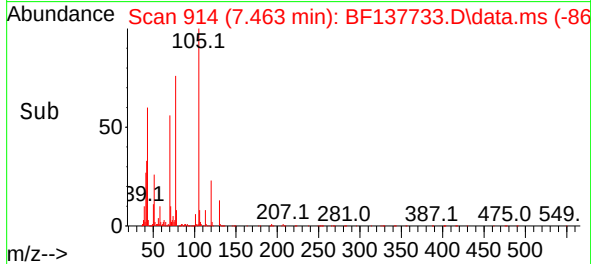
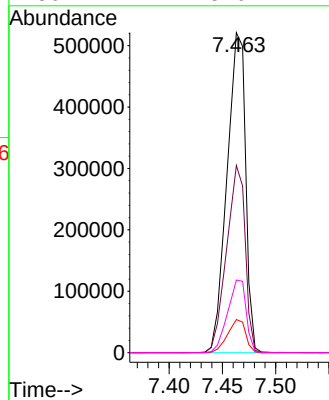
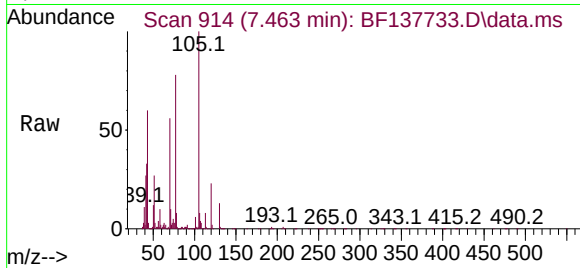
130 22.7 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024

Supervised By :mohammad ahmed 04/30/2024



#20

3+4-Methylphenols

Concen: 54.538 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Tgt Ion:107 Resp: 937920

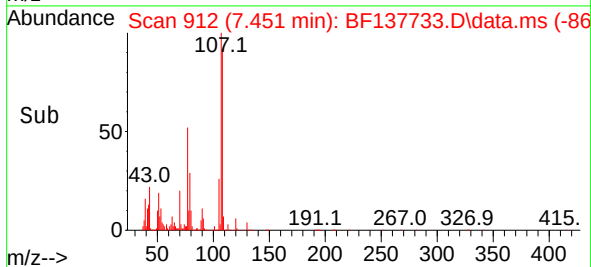
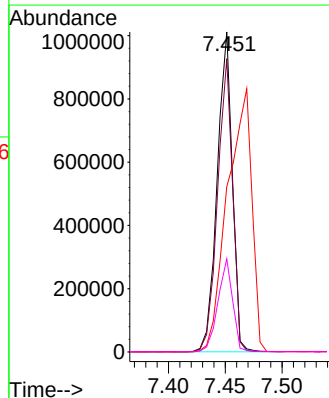
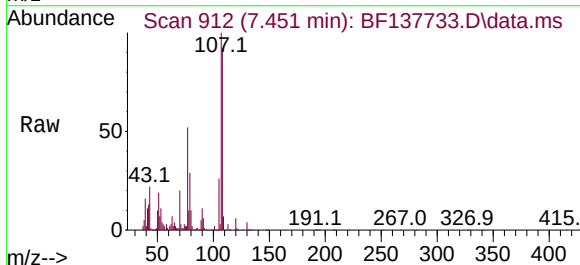
Ion Ratio Lower Upper

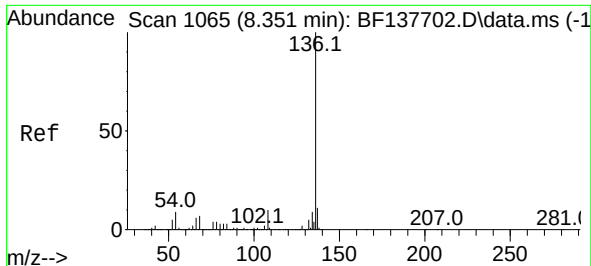
107 100

108 91.7 68.2 108.2

77 51.7 16.8 56.8

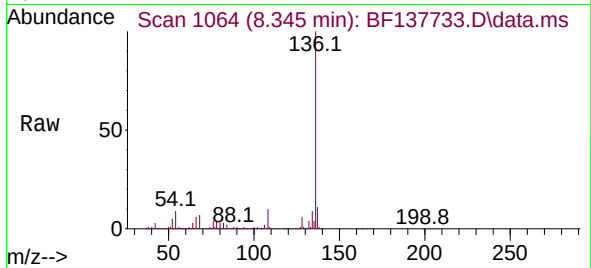
79 29.1 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

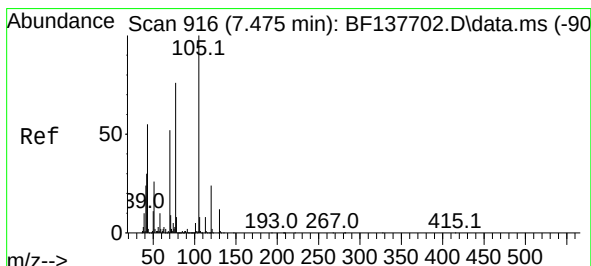
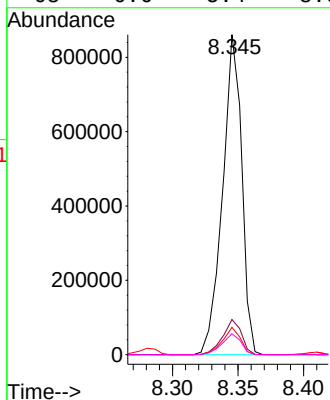
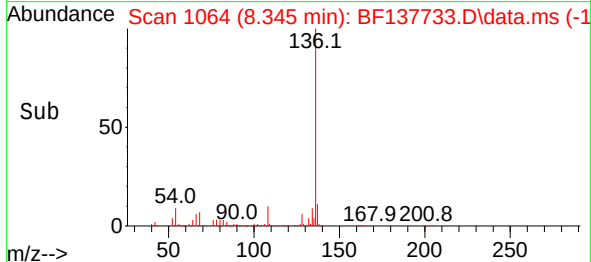
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion:136 Resp: 871765
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 6.9 10.3
68 6.6 5.4 8.0

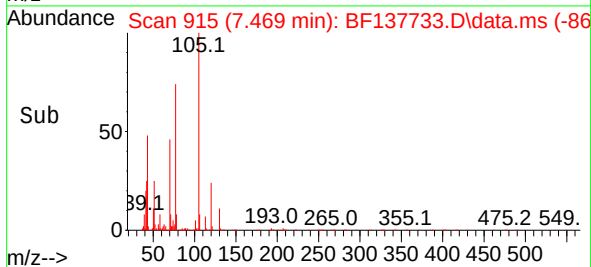
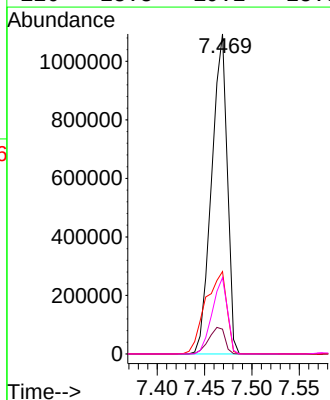
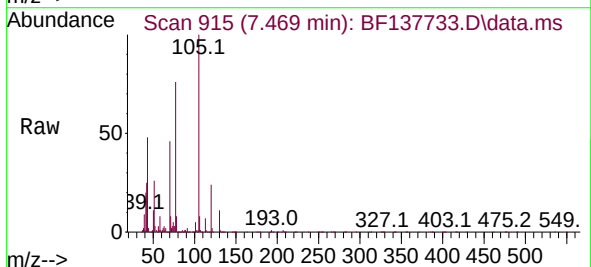
Manual Integrations
APPROVED

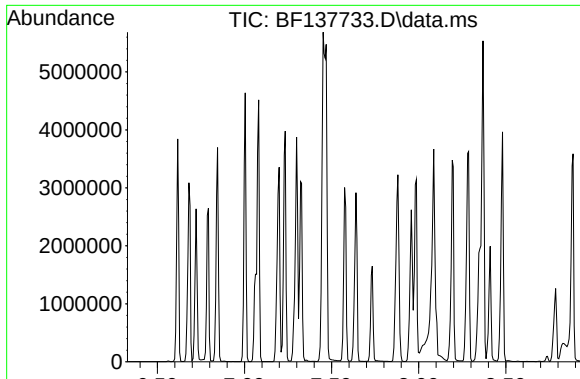
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#22
Acetophenone
Concen: 58.692 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Tgt Ion:105 Resp: 1251455
Ion Ratio Lower Upper
105 100
71 7.8 7.0 10.6
51 25.8 20.5 30.7
120 23.8 19.2 28.8





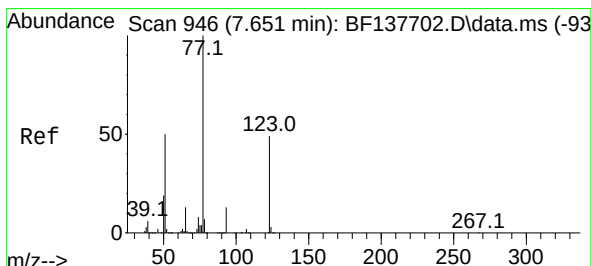
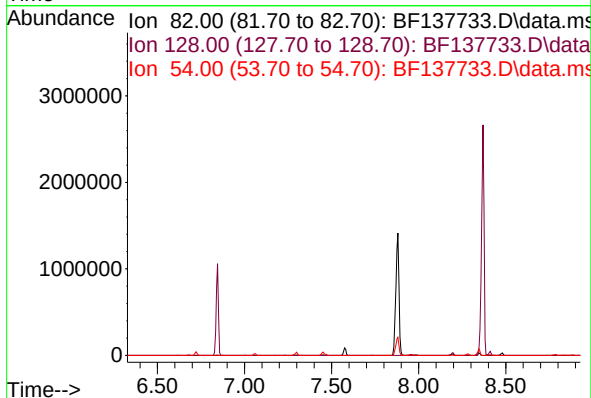
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.63 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SP6478

Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 44.7
 54 53.1

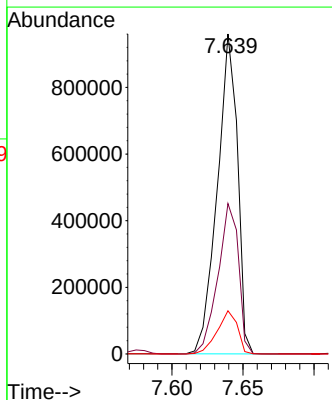
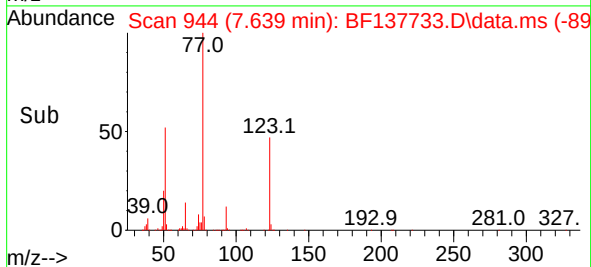
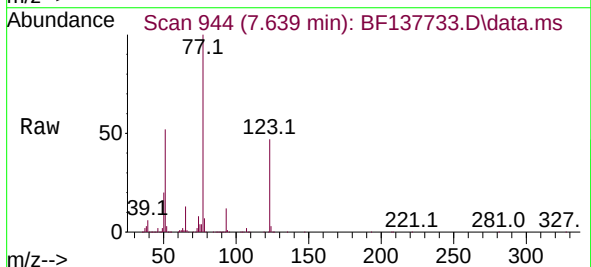
Manual Integrations
 APPROVED

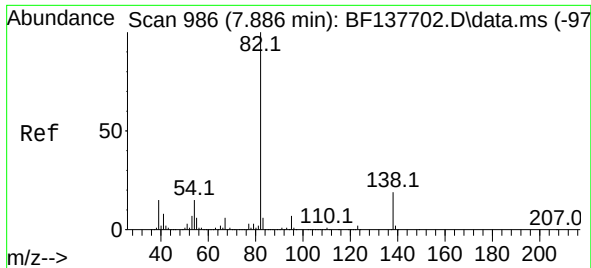
Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#24
 Nitrobenzene
 Concen: 57.071 ng
 RT: 7.639 min Scan# 944
 Delta R.T. -0.012 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54

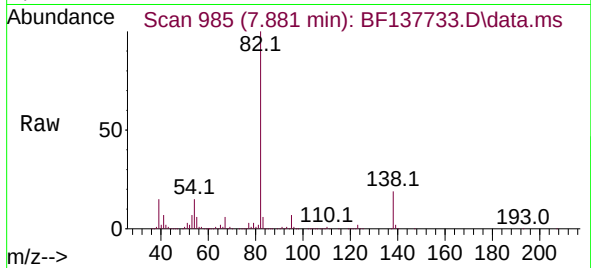
Tgt Ion: 77 Resp: 946911
 Ion Ratio Lower Upper
 77 100
 123 47.0 40.4 60.6
 65 13.5 10.7 16.1





#25
Isophorone
Concen: 57.931 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

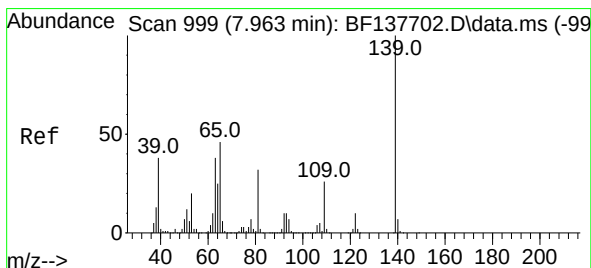
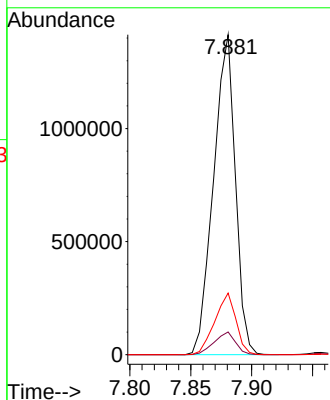
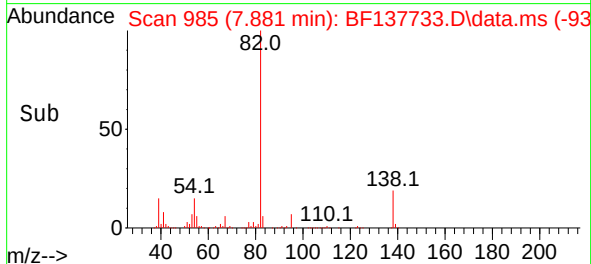
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion: 82 Resp: 176694
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 19.2 15.3 22.9

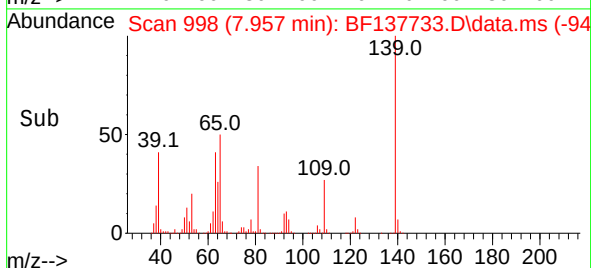
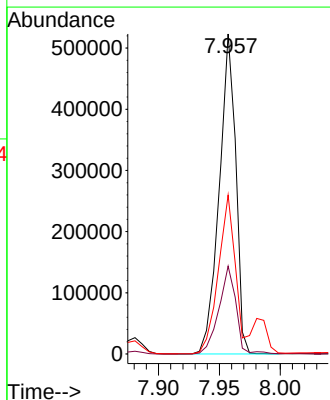
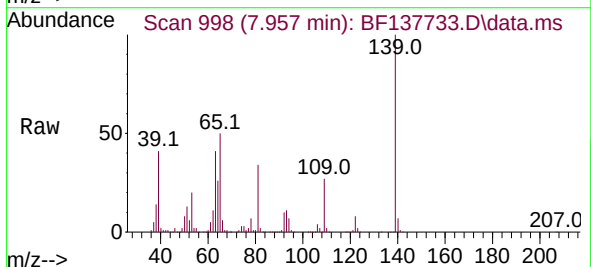
Manual Integrations
APPROVED

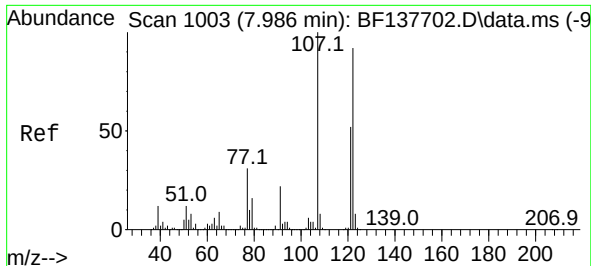
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#26
2-Nitrophenol
Concen: 68.067 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

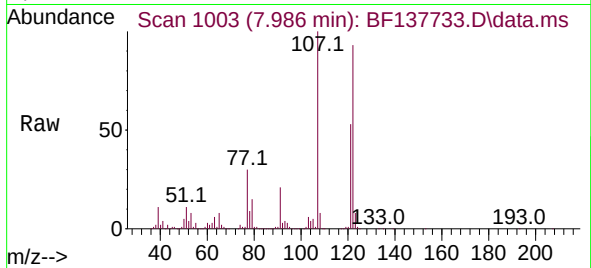
Tgt Ion:139 Resp: 495608
Ion Ratio Lower Upper
139 100
109 27.4 21.1 31.7
65 49.6 37.1 55.7





#27
2,4-Dimethylphenol
Concen: 48.178 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

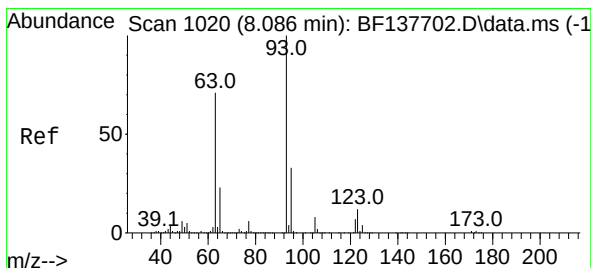
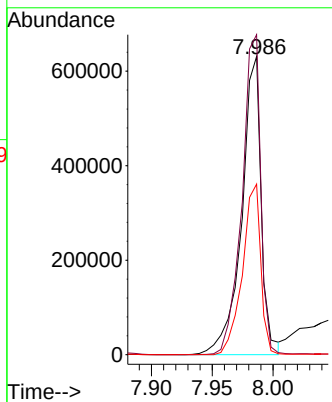
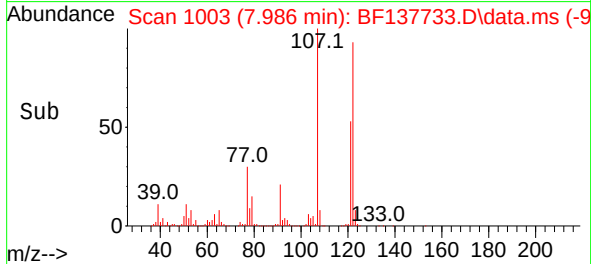
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion: 122 Resp: 707723
Ion Ratio Lower Upper
122 100
107 107.3 87.2 130.8
121 57.2 45.2 67.8

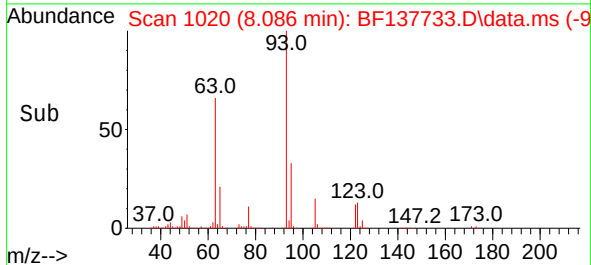
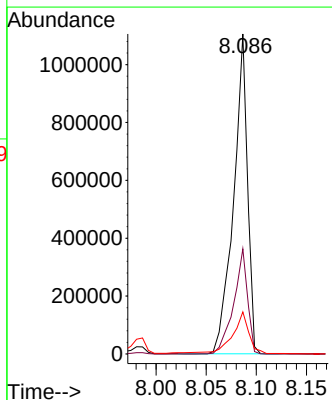
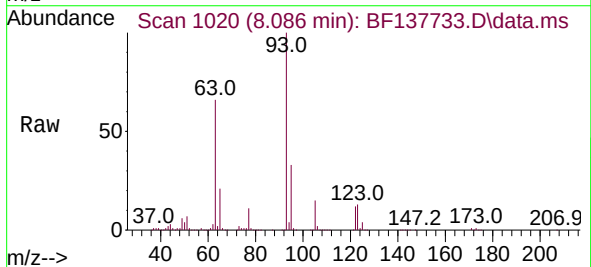
Manual Integrations
APPROVED

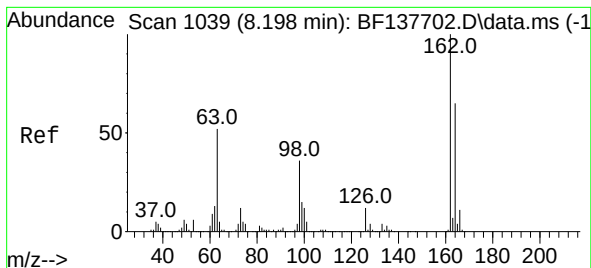
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 57.537 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Tgt Ion: 93 Resp: 1071895
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 13.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 61.099 ng

RT: 8.198 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

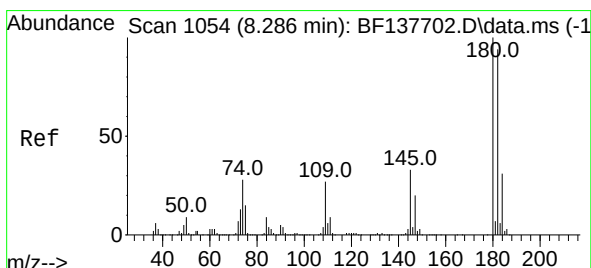
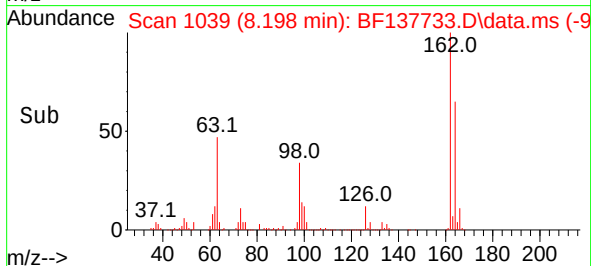
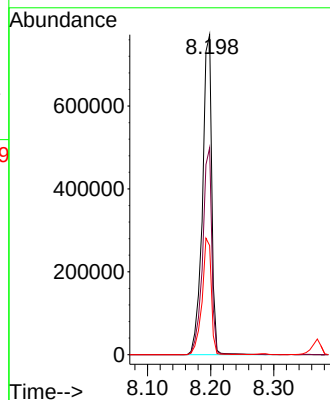
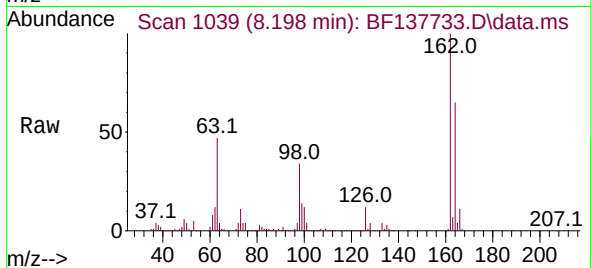
SP6478

Tgt Ion:162 Resp: 786594
 Ion Ratio Lower Upper
 162 100
 164 64.6 45.2 85.2
 98 34.1 15.7 55.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 61.903 ng

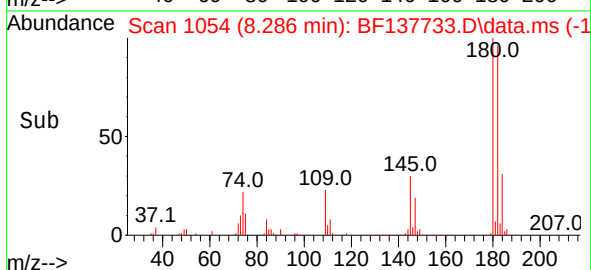
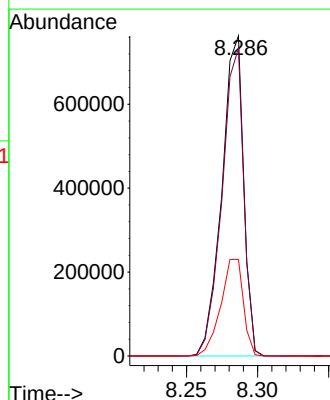
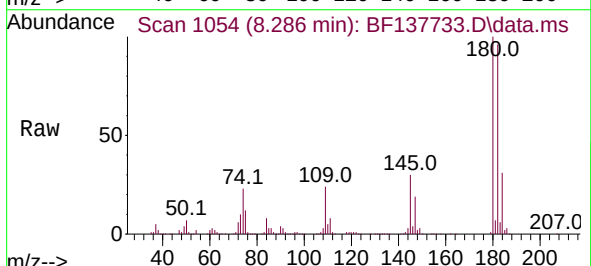
RT: 8.286 min Scan# 1054

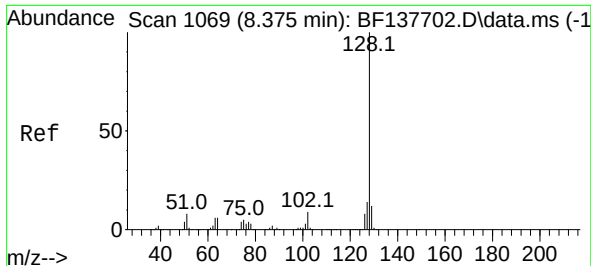
Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

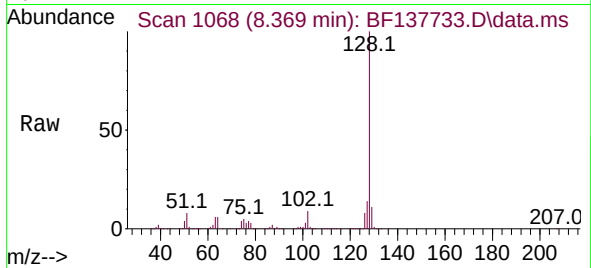
Tgt Ion:180 Resp: 812298
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.4 113.2
 145 30.2 26.3 39.5





#31
Naphthalene
Concen: 59.397 ng
RT: 8.369 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

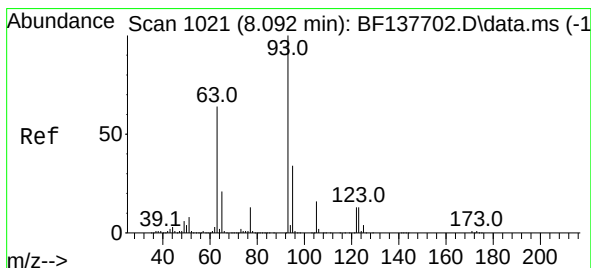
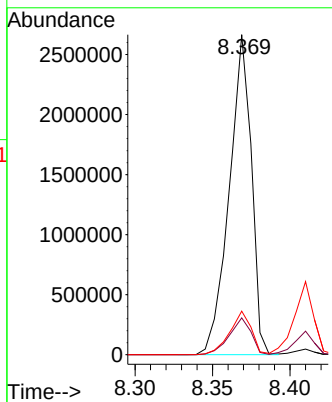
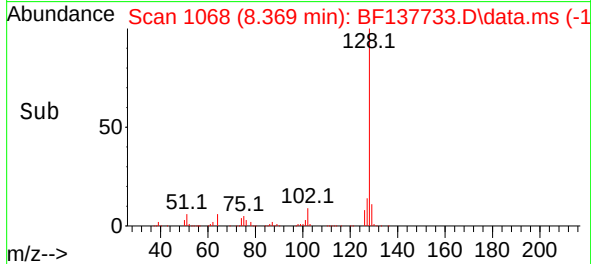
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion:128 Resp: 2642310
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.6 11.0 16.6

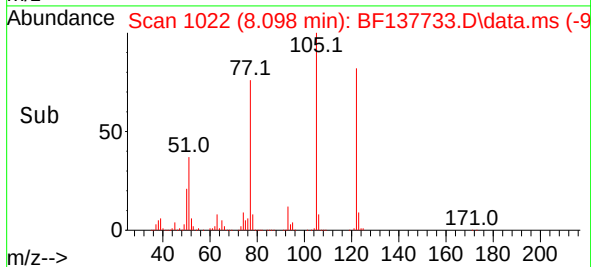
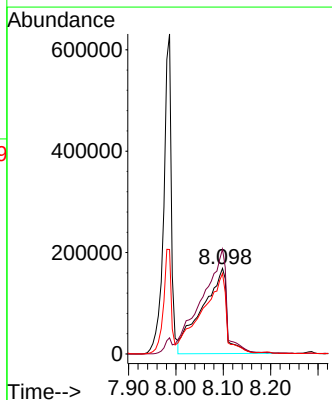
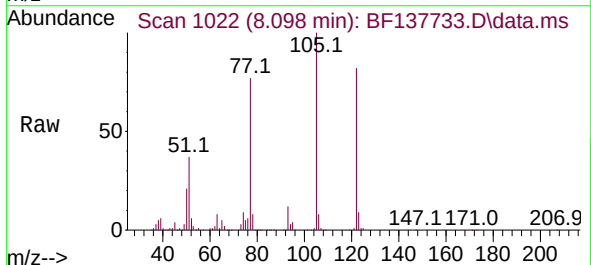
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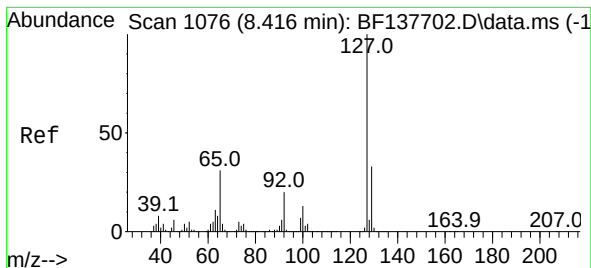
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#32
Benzoic acid
Concen: 66.711 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

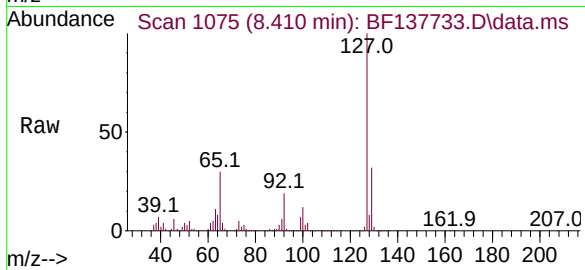
Tgt Ion:122 Resp: 620493
Ion Ratio Lower Upper
122 100
105 122.4 101.1 141.1
77 94.2 75.7 115.7





#33
4-Chloroaniline
Concen: 28.225 ng
RT: 8.410 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

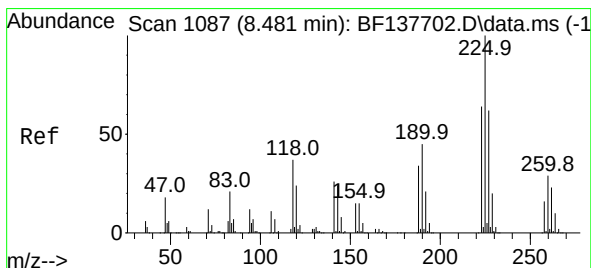
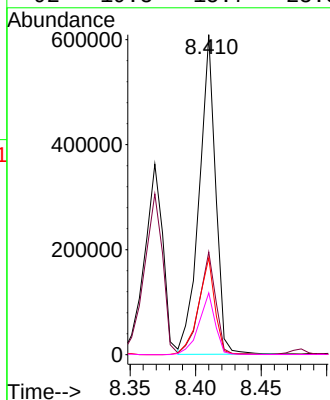
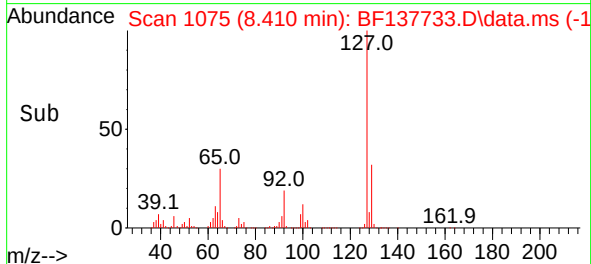
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion:127 Resp: 531465
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6
65 30.2 24.6 36.8
92 19.3 15.7 23.5

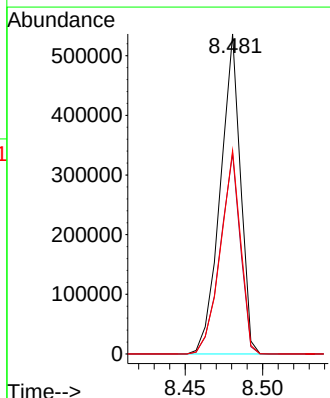
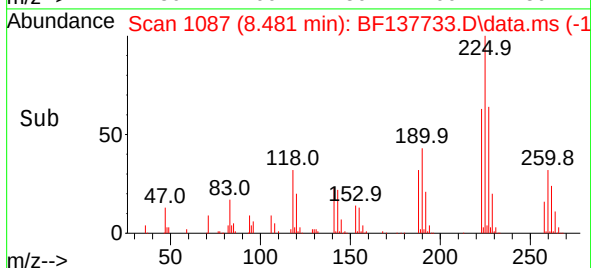
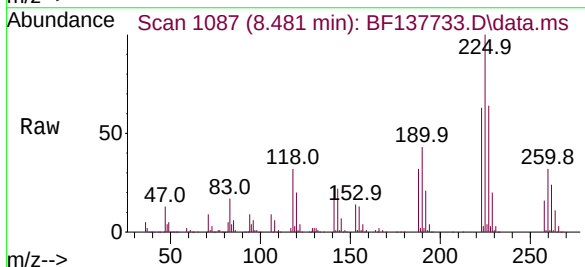
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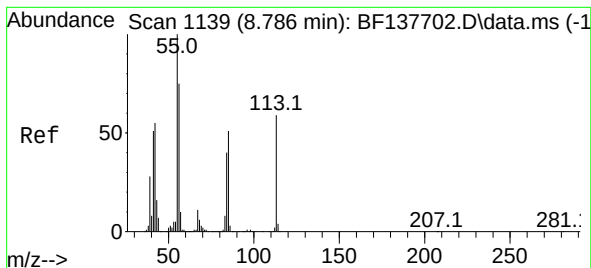
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#34
Hexachlorobutadiene
Concen: 61.608 ng
RT: 8.481 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Tgt Ion:225 Resp: 484655
Ion Ratio Lower Upper
225 100
223 62.7 51.4 77.0
227 63.6 49.4 74.2





#35

Caprolactam

Concen: 59.807 ng m

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

SP6478

Tgt Ion:113 Resp: 248938

Ion Ratio Lower Upper

113 100

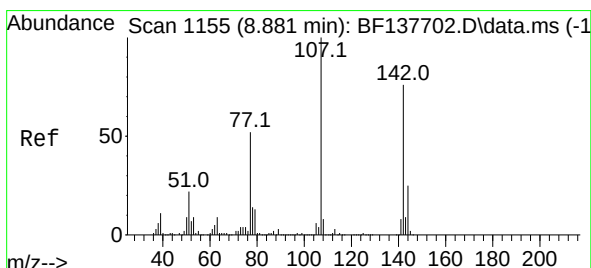
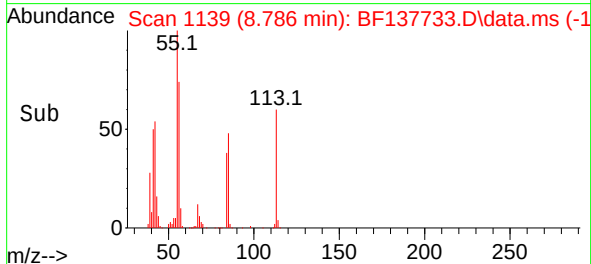
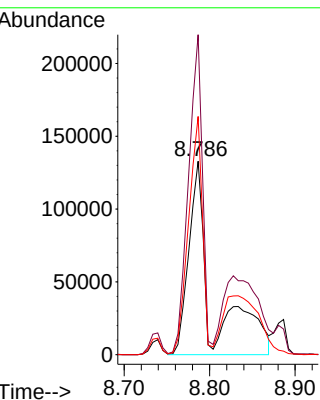
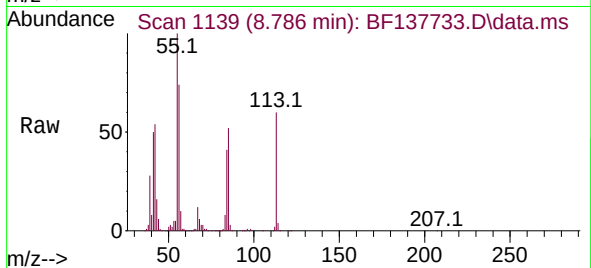
55 165.4 148.7 188.7

56 123.2 107.2 147.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#36

4-Chloro-3-methylphenol

Concen: 59.060 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

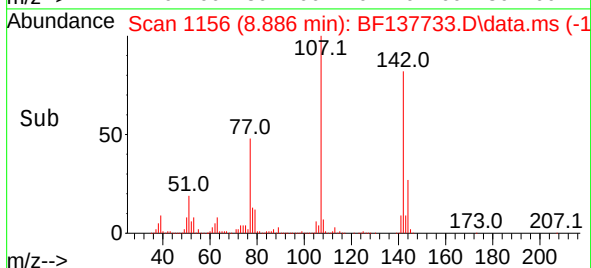
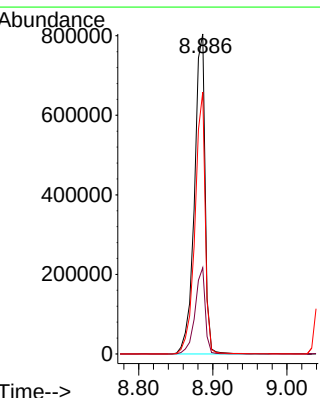
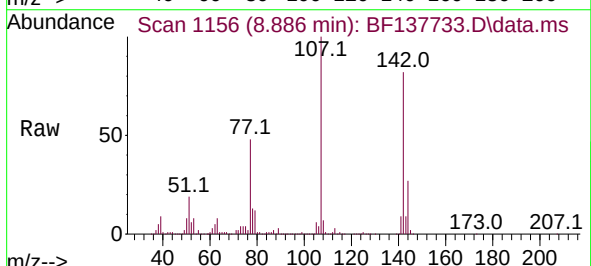
Tgt Ion:107 Resp: 806435

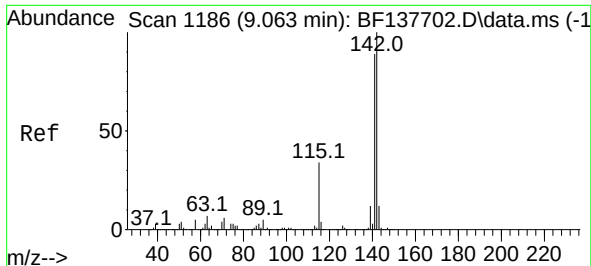
Ion Ratio Lower Upper

107 100

144 27.0 19.8 29.8

142 81.8 60.5 90.7





#37

2-Methylnaphthalene

Concen: 56.894 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

SP6478

Tgt Ion:142 Resp: 1737168

Ion Ratio Lower Upper

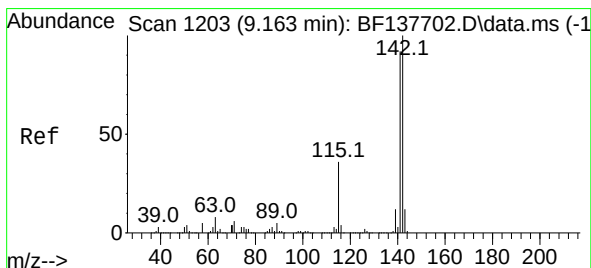
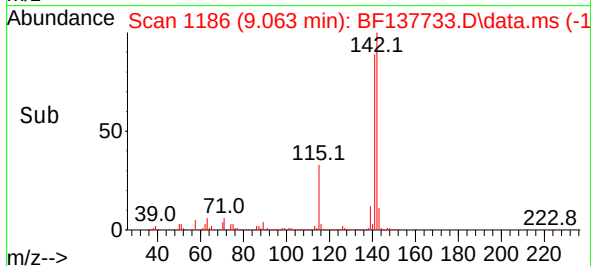
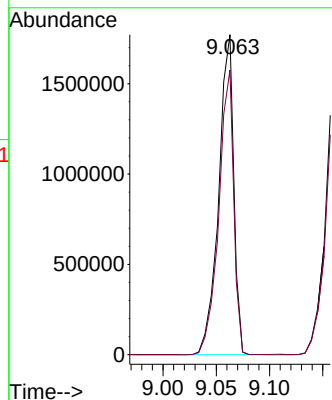
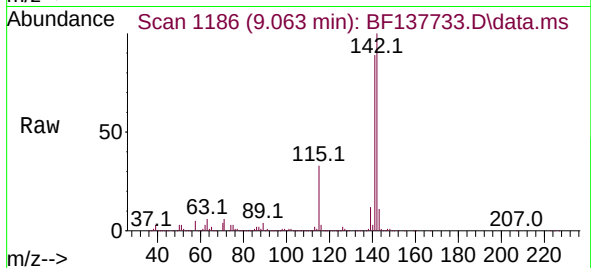
142 100

141 88.9 71.2 106.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#38

1-Methylnaphthalene

Concen: 56.808 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF137733.D

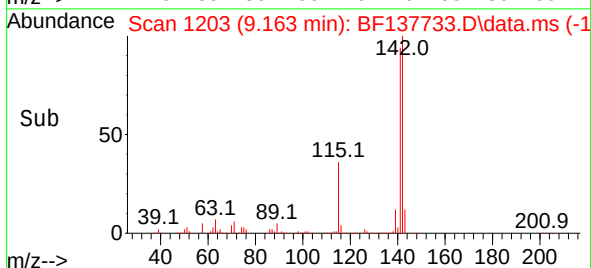
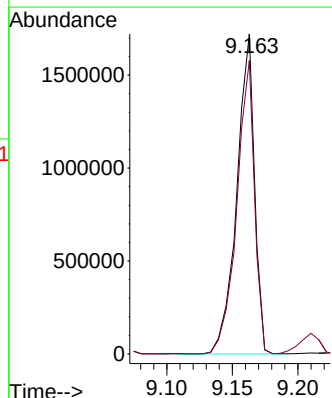
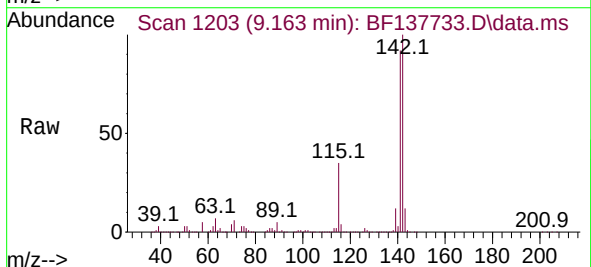
Acq: 26 Apr 2024 13:54

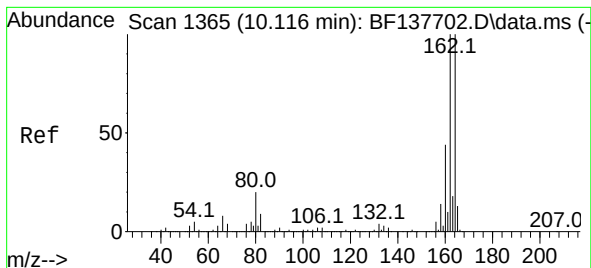
Tgt Ion:142 Resp: 1621722

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

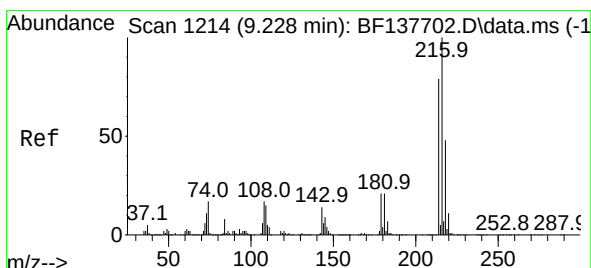
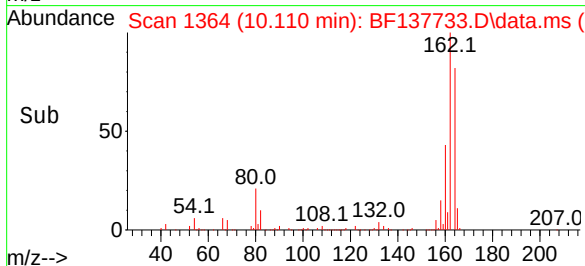
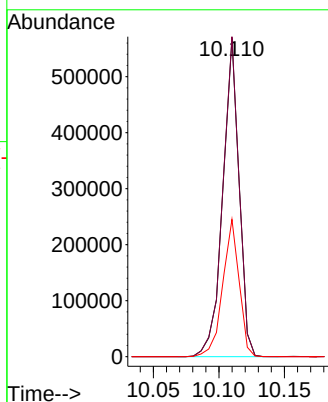
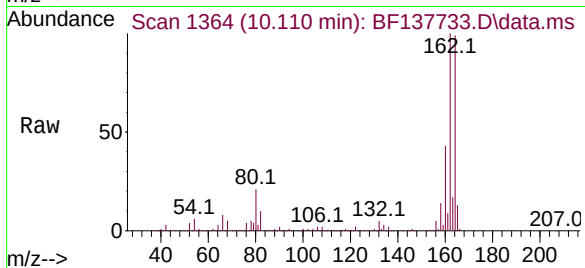
SP6478

Tgt Ion:164 Resp: 491184
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.3 120.5
 160 43.1 35.0 52.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.995 ng

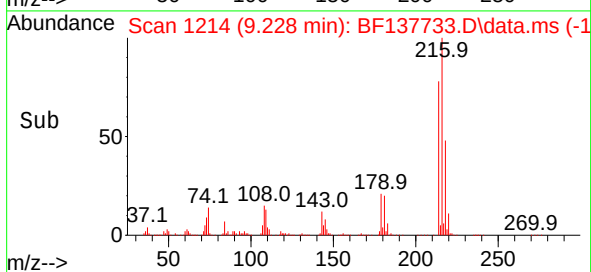
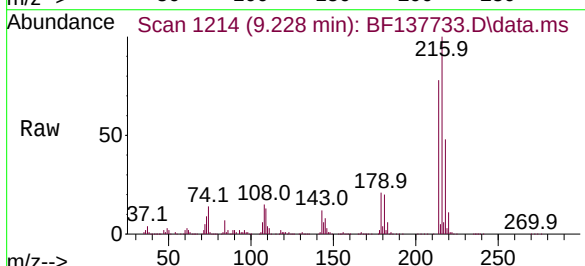
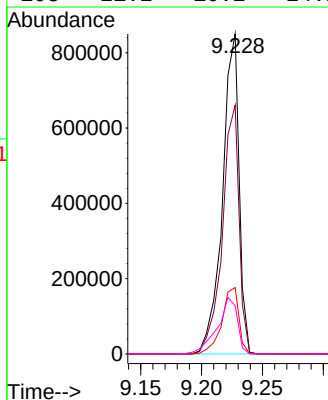
RT: 9.228 min Scan# 1214

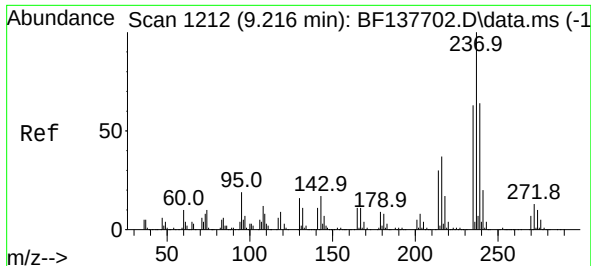
Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

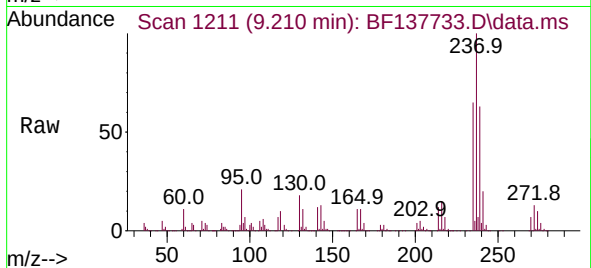
Tgt Ion:216 Resp: 807897
 Ion Ratio Lower Upper
 216 100
 214 78.0 63.4 95.0
 179 21.3 17.1 25.7
 108 21.2 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 133.571 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

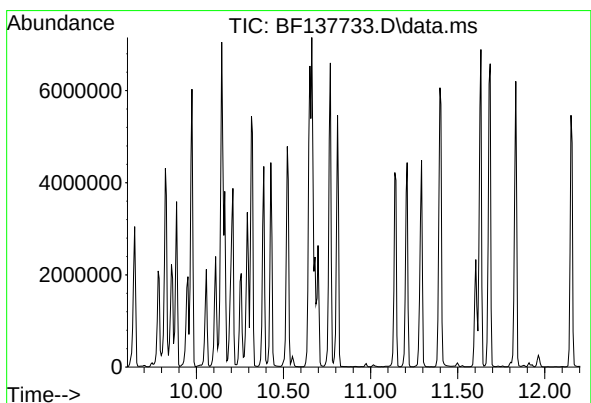
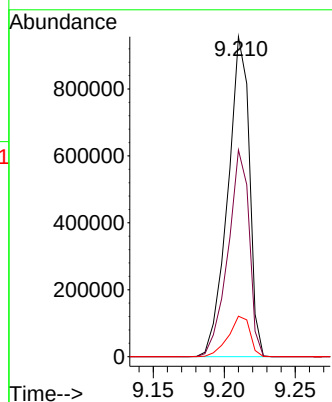
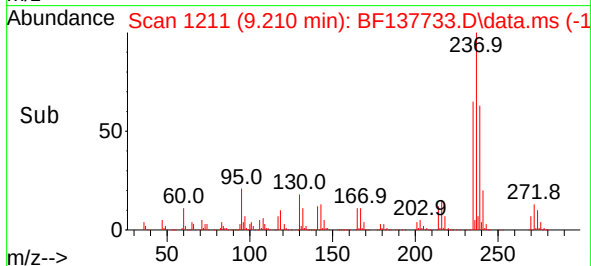
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion: 237 Resp: 1007815
Ion Ratio Lower Upper
237 100
235 64.6 42.9 82.9
272 12.7 0.0 33.1

Manual Integrations
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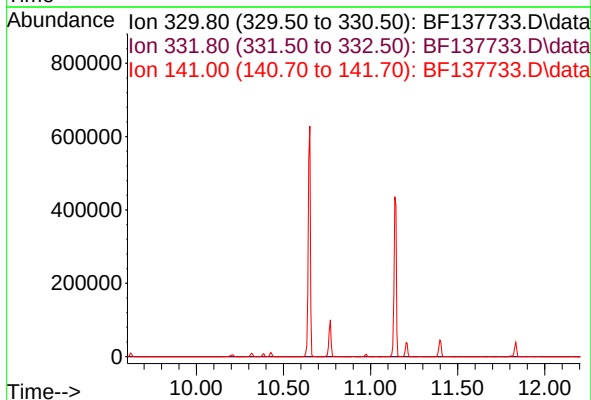
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

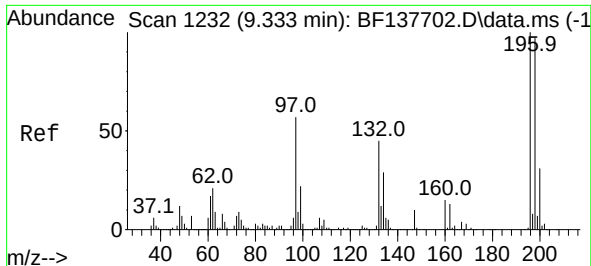


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.90 min

Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

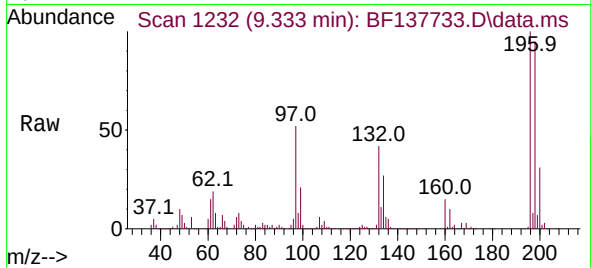
Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.4
141 33.7





#43
2,4,6-Trichlorophenol
Concen: 60.306 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

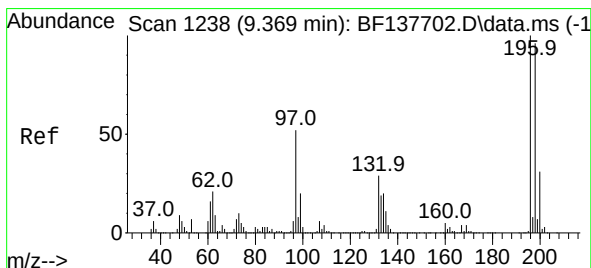
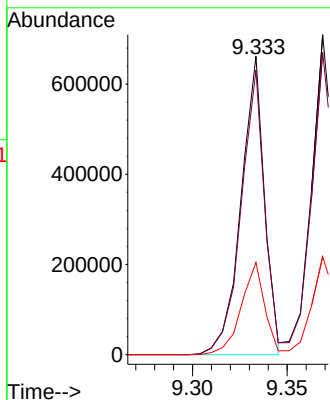
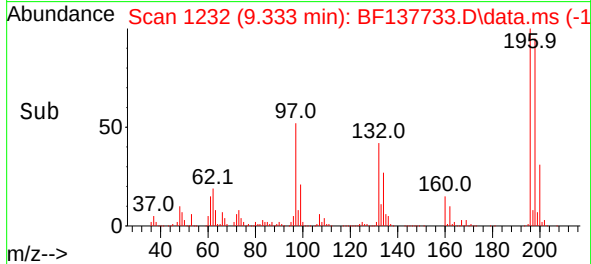
Instrument :
BNA_F
ClientSampleId :
SP6478



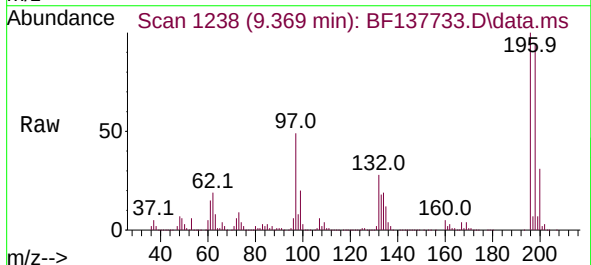
Tgt Ion:196 Resp: 569698
Ion Ratio Lower Upper
196 100
198 95.3 77.8 116.6
200 30.9 25.0 37.4

Manual Integrations
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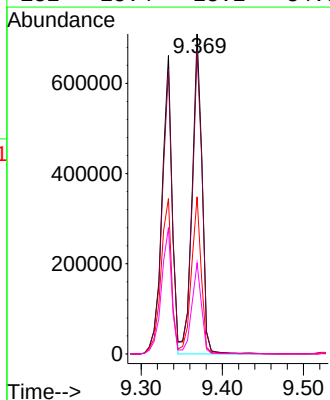
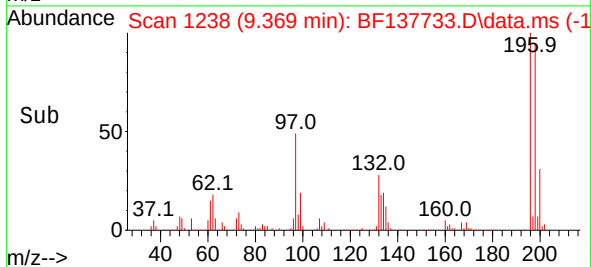
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

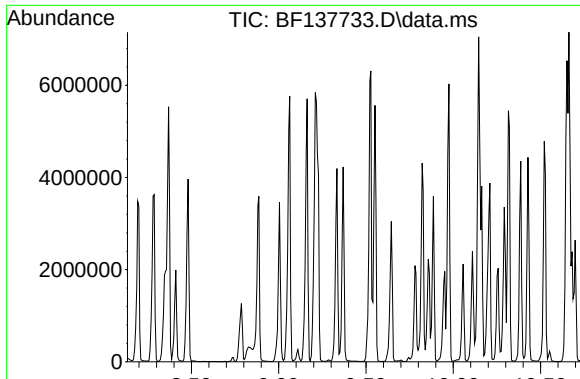


#44
2,4,5-Trichlorophenol
Concen: 55.618 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



Tgt Ion:196 Resp: 602145
Ion Ratio Lower Upper
196 100
198 94.5 77.2 115.8
97 49.1 41.8 62.8
132 28.4 23.2 34.8





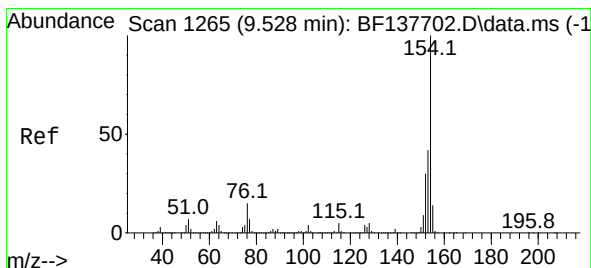
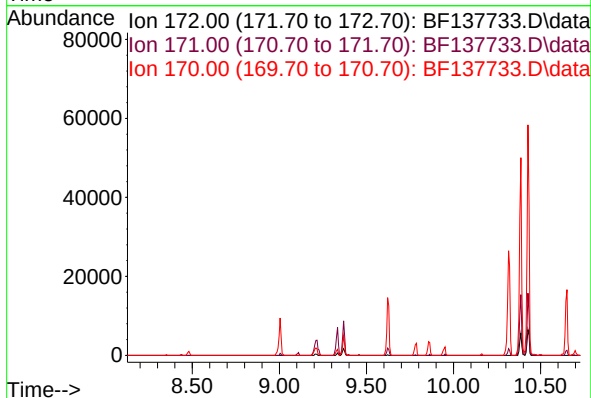
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.43 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SP6478

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.8
 170 25.3

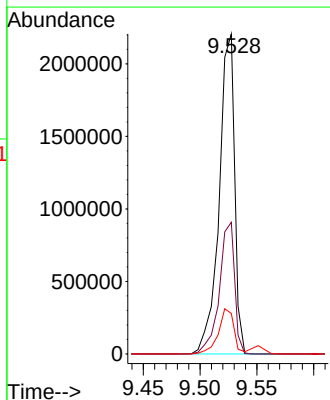
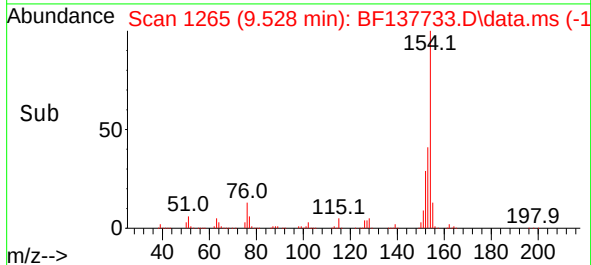
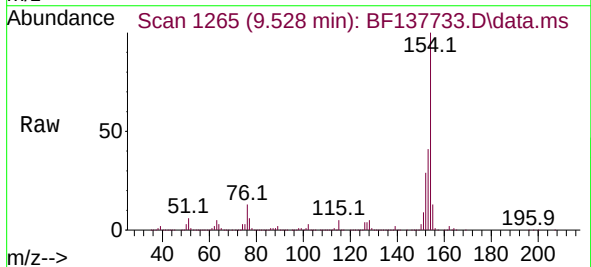
Manual Integrations
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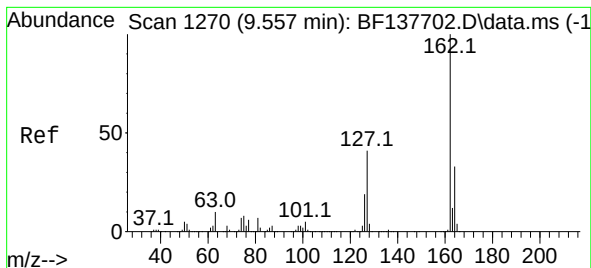
Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#46
 1,1'-Biphenyl
 Concen: 58.659 ng
 RT: 9.528 min Scan# 1265
 Delta R.T. 0.000 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54

Tgt Ion:154 Resp: 2096058
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.9 61.9
 76 12.6 0.0 35.3





#47

2-Chloronaphthalene

Concen: 59.710 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

SP6478

Tgt Ion:162 Resp: 1644714

Ion Ratio Lower Upper

162 100

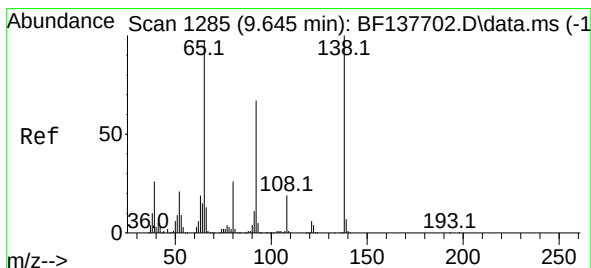
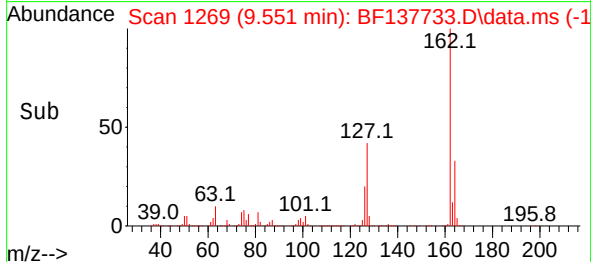
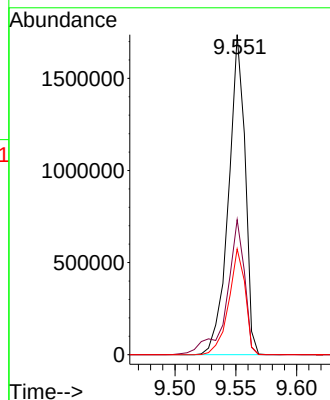
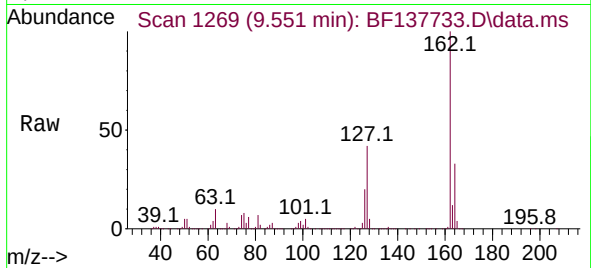
127 42.2 33.1 49.7

164 33.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#48

2-Nitroaniline

Concen: 60.405 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

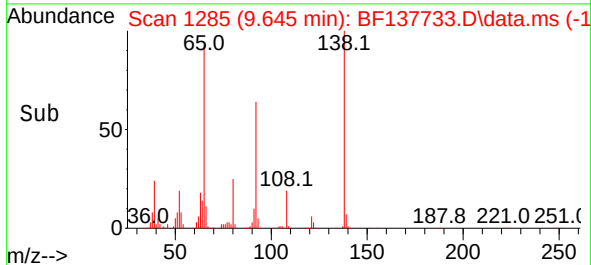
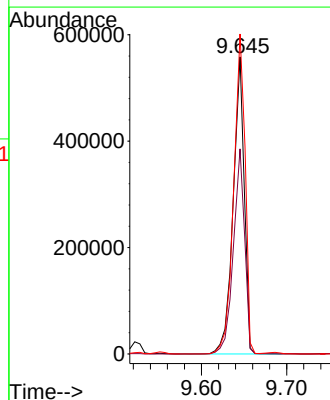
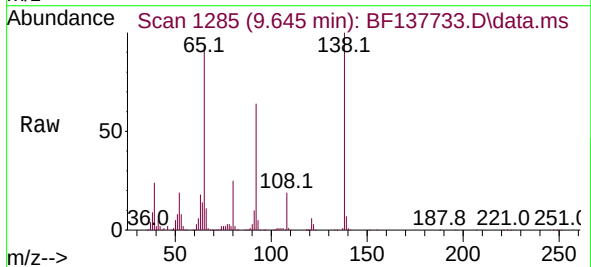
Tgt Ion: 65 Resp: 507014

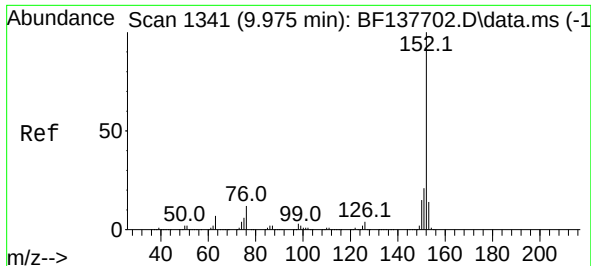
Ion Ratio Lower Upper

65 100

92 69.0 54.9 82.3

138 107.7 82.4 123.6





#49

Acenaphthylene

Concen: 60.129 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

SP6478

Tgt Ion:152 Resp: 258287

Ion Ratio Lower Upper

152 100

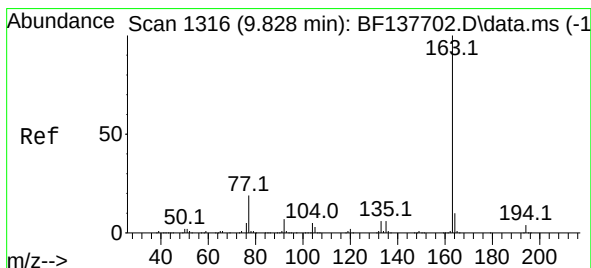
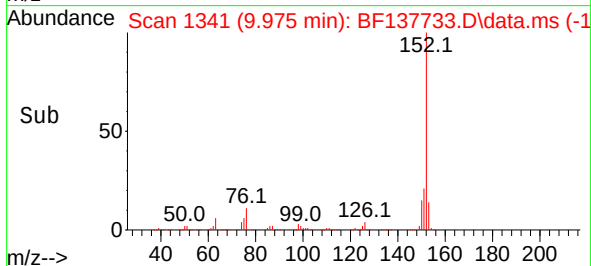
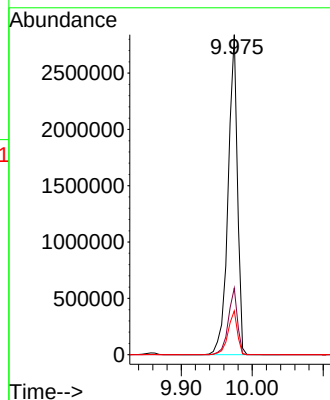
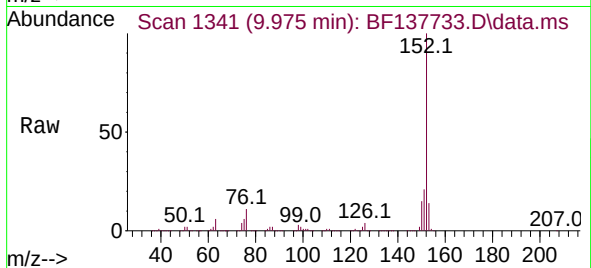
151 20.8 16.8 25.2

153 13.7 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#50

Dimethylphthalate

Concen: 56.969 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

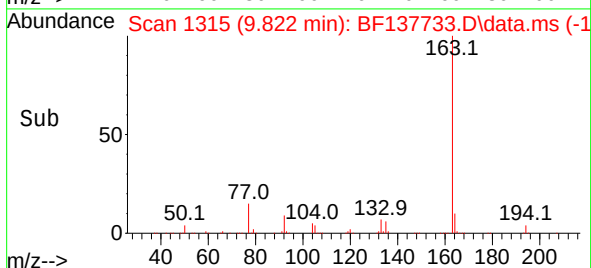
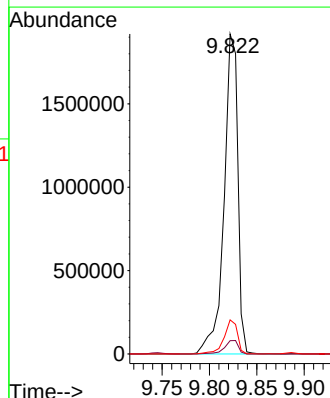
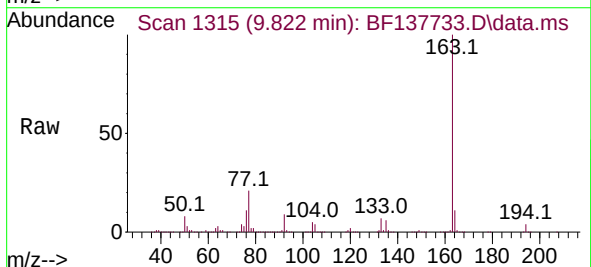
Tgt Ion:163 Resp: 1949583

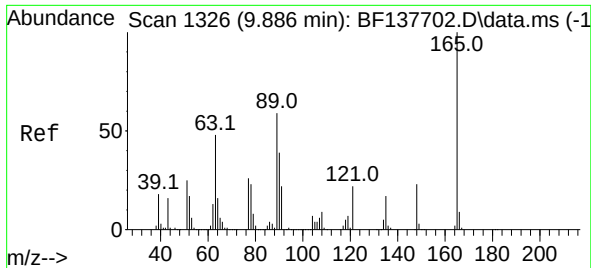
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.7 8.2 12.2





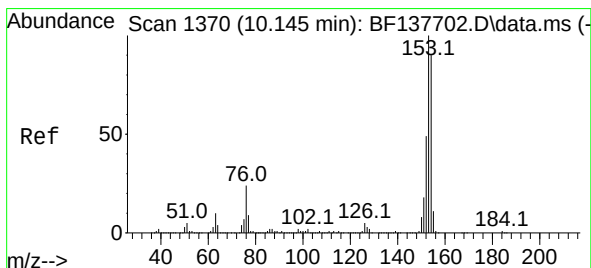
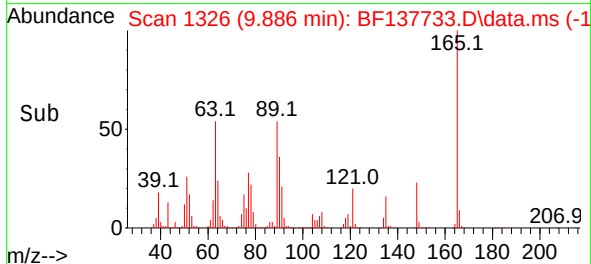
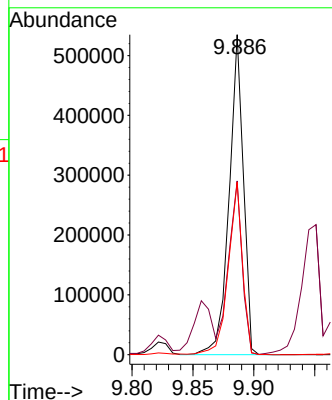
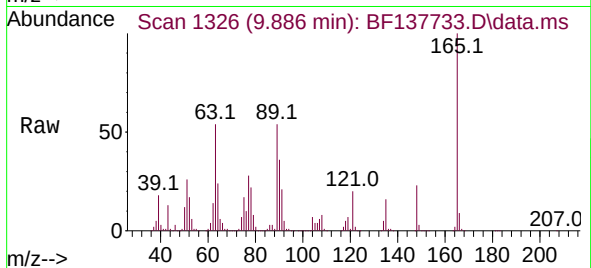
#51
2,6-Dinitrotoluene
Concen: 60.584 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Instrument :
BNA_F
ClientSampleId :
SP6478

Tgt Ion:165 Resp: 436839
Ion Ratio Lower Upper
165 100
63 54.3 47.7 71.5
89 53.9 47.3 70.9

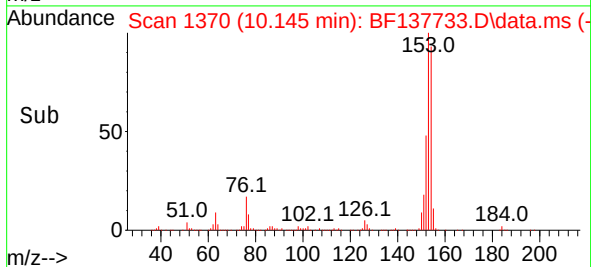
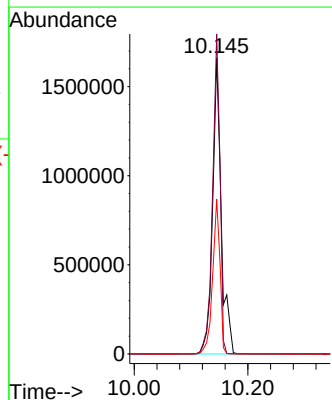
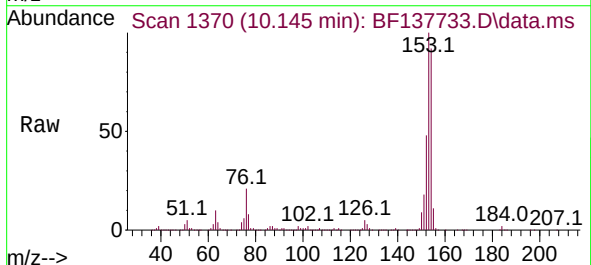
Manual Integrations
APPROVED

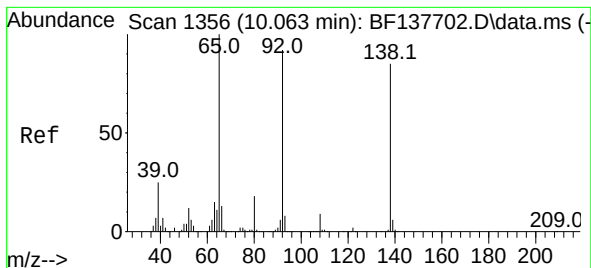
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#52
Acenaphthene
Concen: 62.974 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

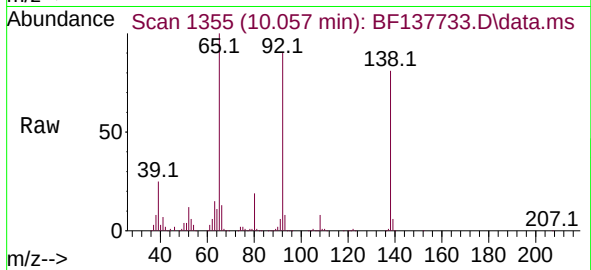
Tgt Ion:154 Resp: 1751560
Ion Ratio Lower Upper
154 100
153 108.1 88.5 132.7
152 52.3 43.3 64.9





#53
3-Nitroaniline
Concen: 38.546 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

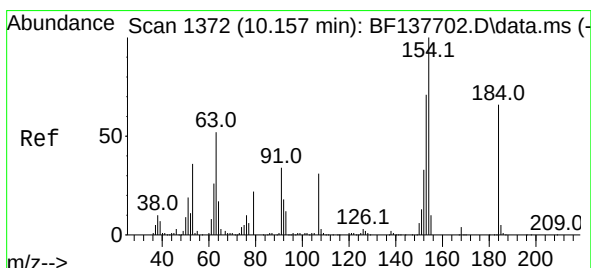
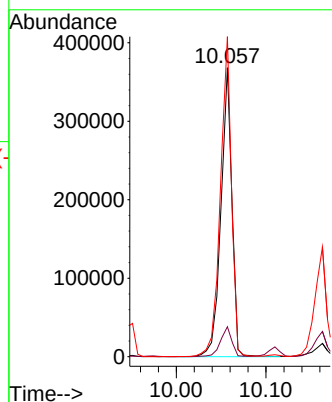
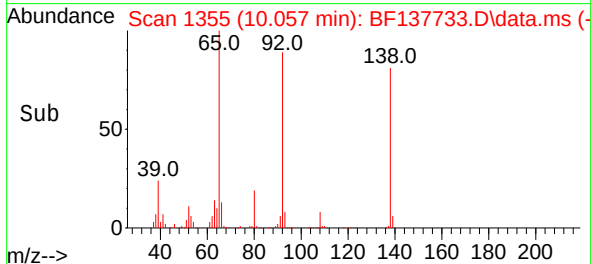
Instrument :
BNA_F
ClientSampleId :
SP6478



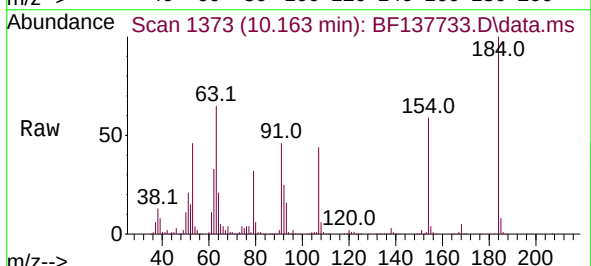
Tgt Ion:138 Resp: 31233
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 110.8 86.9 130.3

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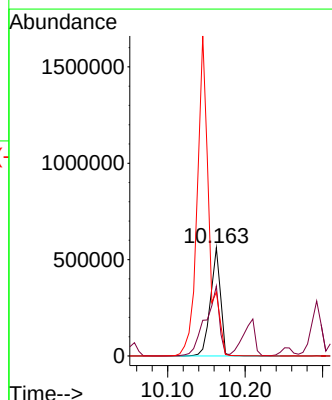
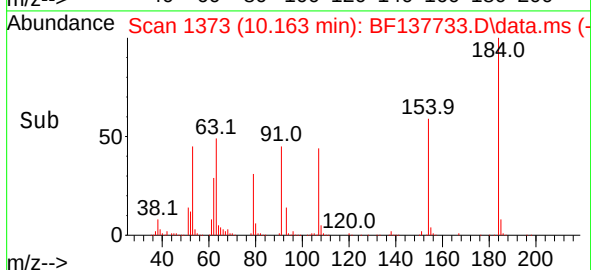
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

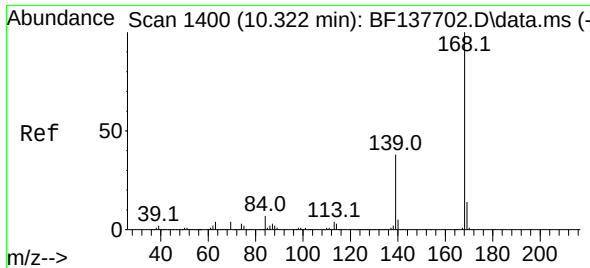


#54
2,4-Dinitrophenol
Concen: 128.297 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



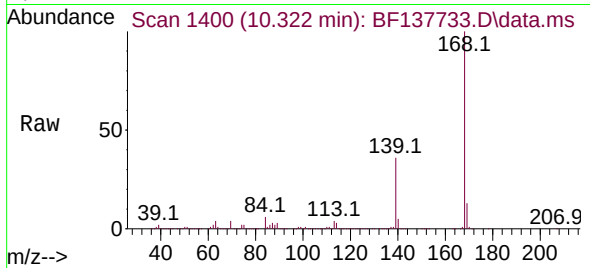
Tgt Ion:184 Resp: 505403
Ion Ratio Lower Upper
184 100
63 64.7 63.5 95.3
154 59.0 123.0 184.6#





#55
Dibenzenofuran
Concen: 57.491 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

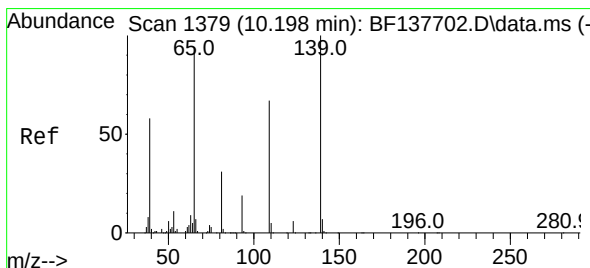
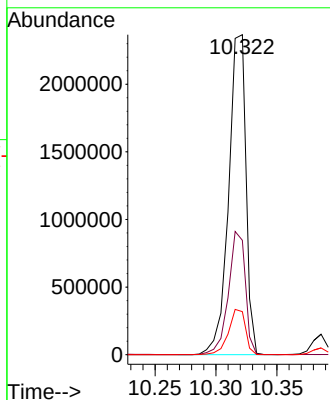
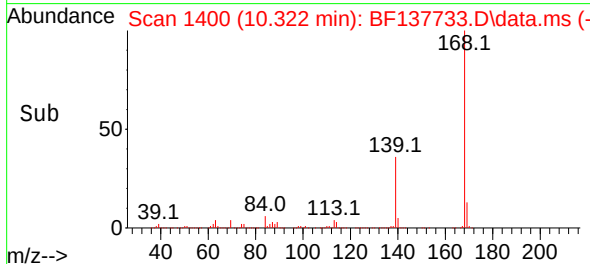
Instrument :
BNA_F
ClientSampleId :
SP6478



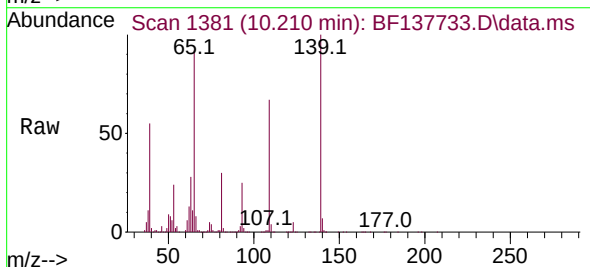
Tgt Ion:168 Resp: 2344015
Ion Ratio Lower Upper
168 100
139 35.7 30.1 45.1
169 13.4 10.9 16.3

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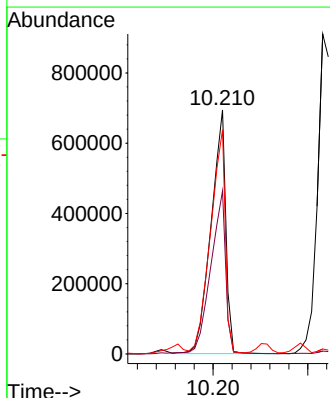
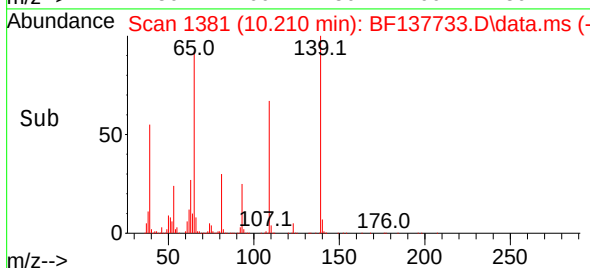
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

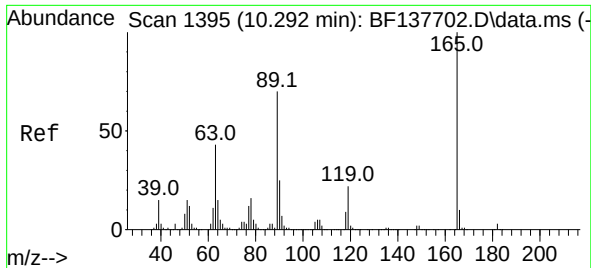


#56
4-Nitrophenol
Concen: 119.557 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



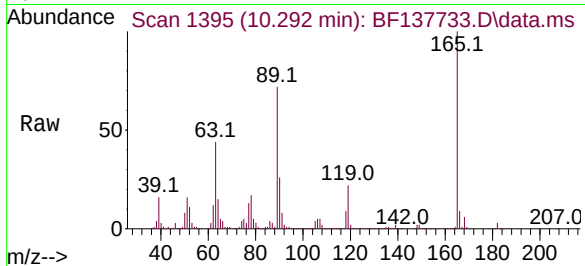
Tgt Ion:139 Resp: 753384
Ion Ratio Lower Upper
139 100
109 66.8 46.9 86.9
65 91.9 75.8 115.8





#57
2,4-Dinitrotoluene
Concen: 66.024 ng
RT: 10.292 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

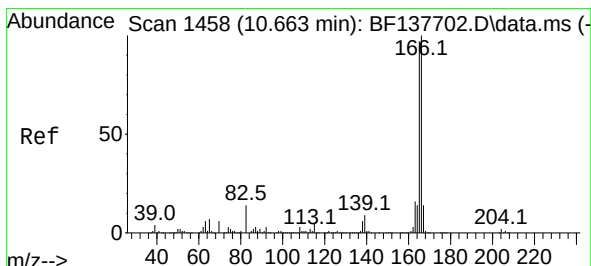
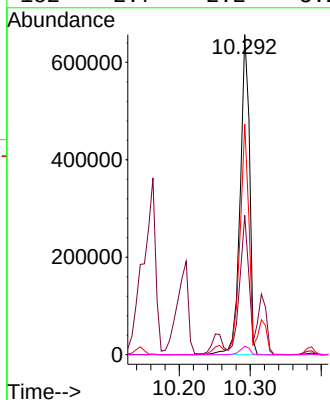
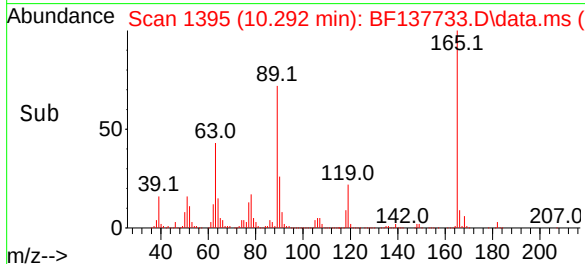
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion:165 Resp: 60016
Ion Ratio Lower Upper
165 100
63 43.5 34.1 51.1
89 72.1 56.4 84.6
182 2.7 2.2 3.2

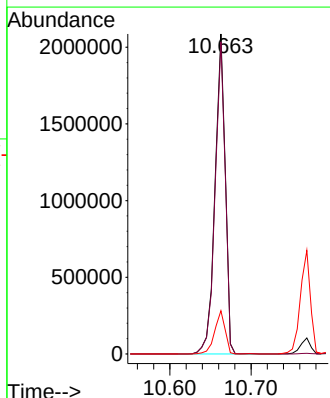
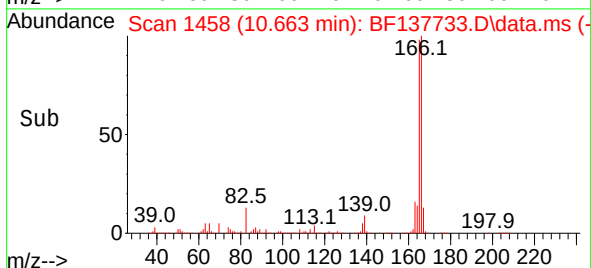
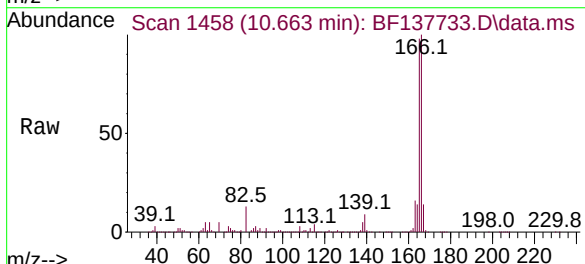
Manual Integrations
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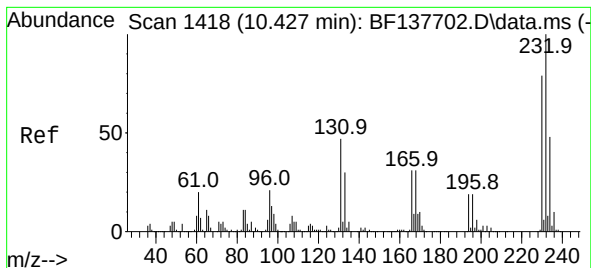
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#58
Fluorene
Concen: 57.250 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

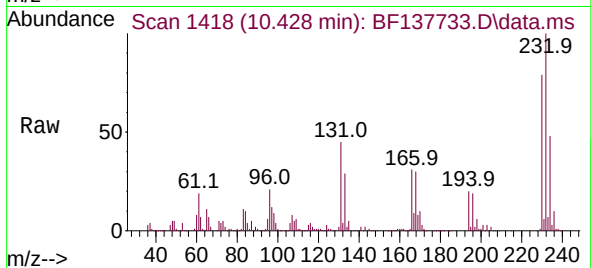
Tgt Ion:166 Resp: 1823867
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.6
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 60.213 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

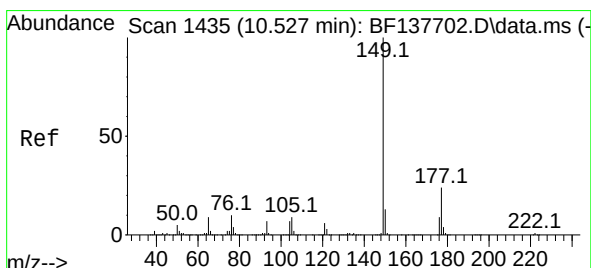
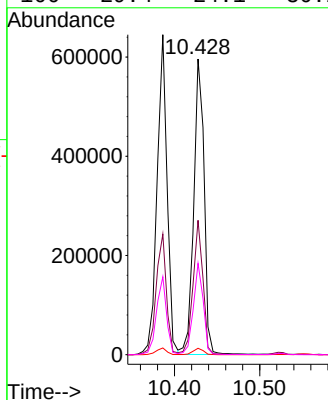
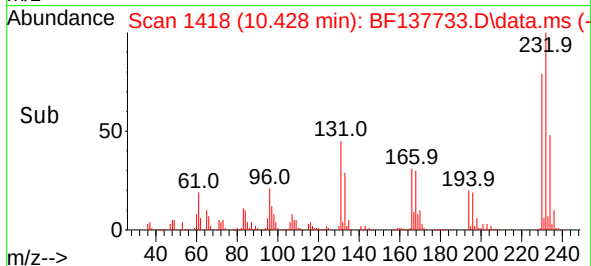
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion:232 Resp: 504780
Ion Ratio Lower Upper
232 100
131 43.2 36.4 54.6
130 2.2 1.8 2.6
166 29.4 24.1 36.1

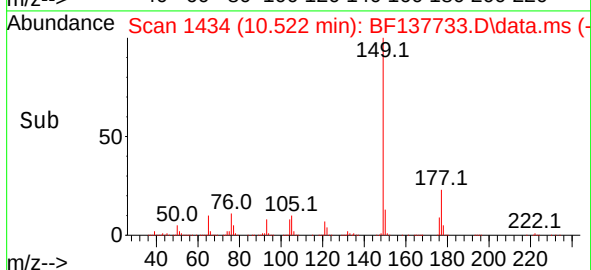
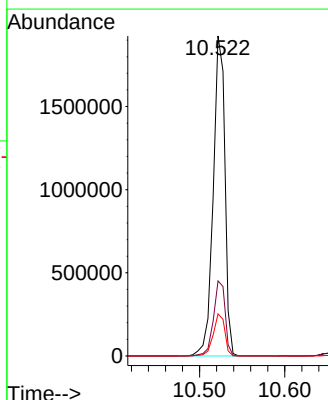
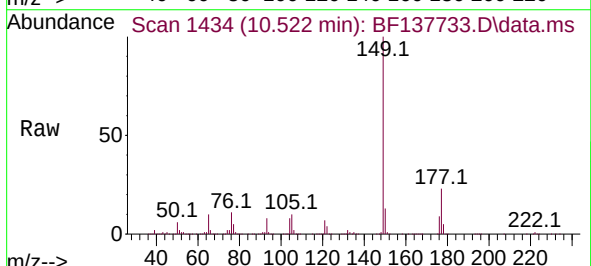
Manual Integrations
APPROVED

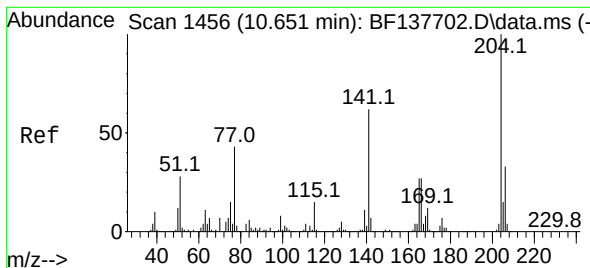
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#60
Diethylphthalate
Concen: 55.850 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

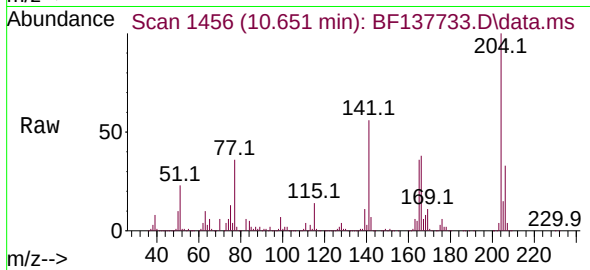
Tgt Ion:149 Resp: 1838340
Ion Ratio Lower Upper
149 100
177 23.4 19.0 28.4
150 13.2 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 57.455 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

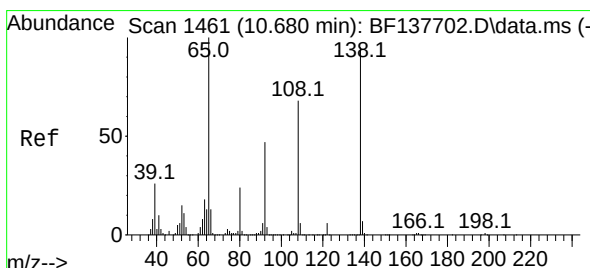
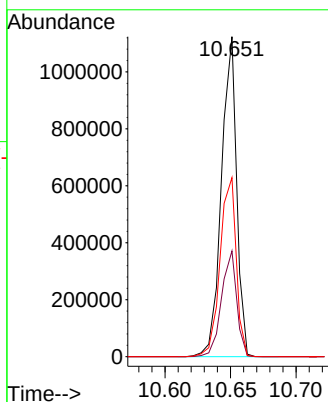
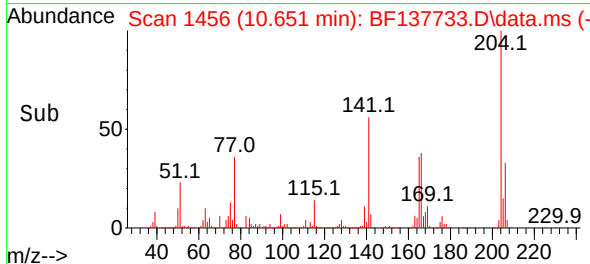
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion:204 Resp: 904415
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 55.9 49.4 74.2

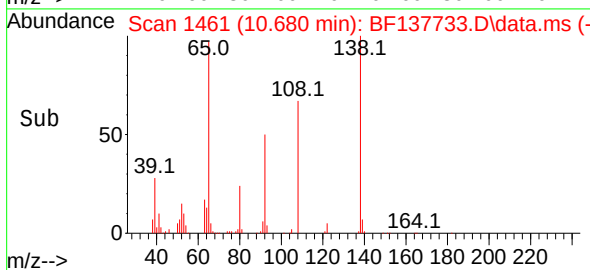
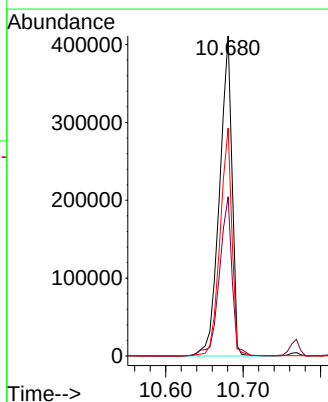
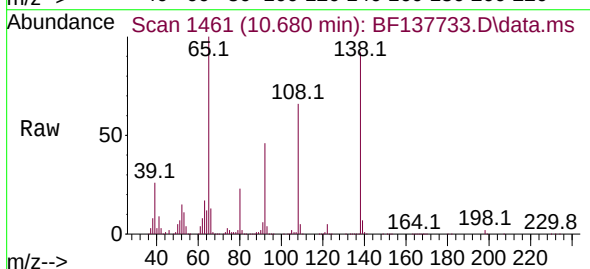
Manual Integrations
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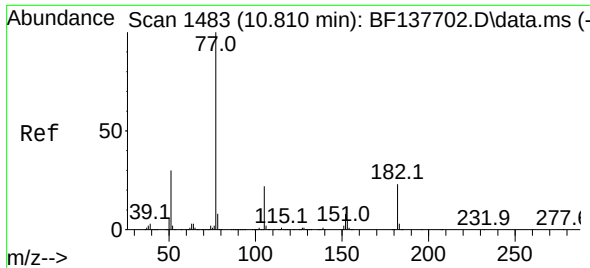
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#62
4-Nitroaniline
Concen: 59.822 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

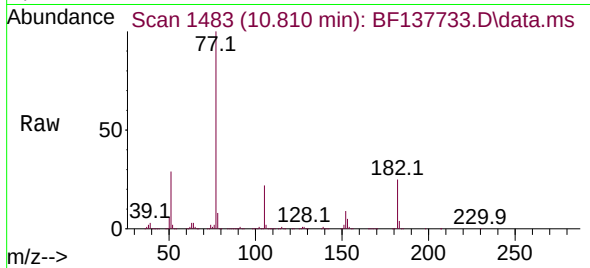
Tgt Ion:138 Resp: 461703
Ion Ratio Lower Upper
138 100
92 49.8 29.8 69.8
108 71.2 51.1 91.1





#63
Azobenzene
Concen: 55.427 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

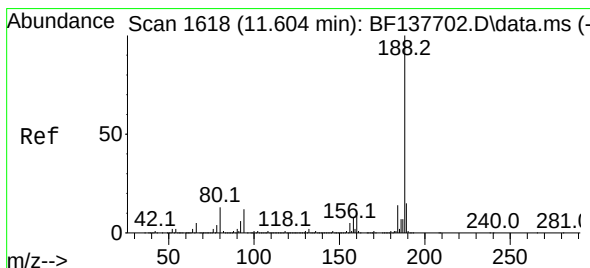
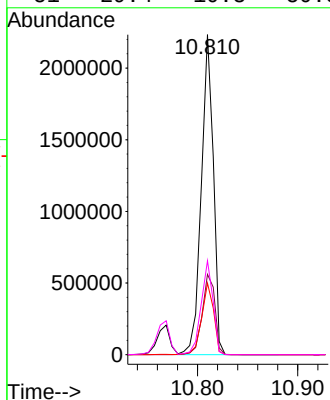
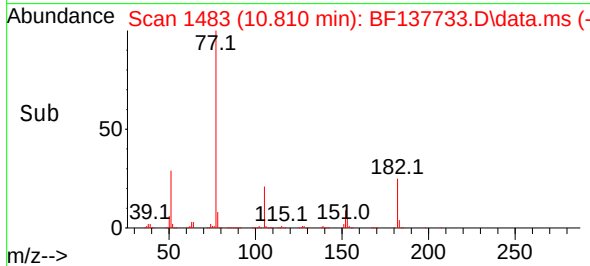
Instrument :
BNA_F
ClientSampleId :
SP6478



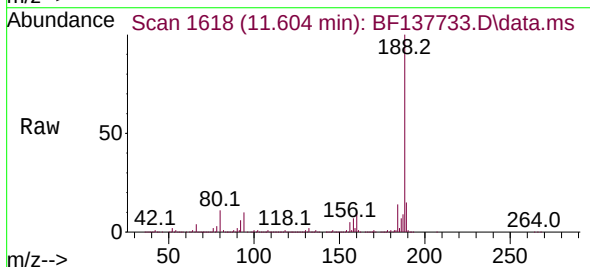
Tgt Ion: 77 Resp: 1869510
Ion Ratio Lower Upper
77 100
182 25.1 3.1 43.1
105 22.4 1.6 41.6
51 29.4 10.3 50.3

Manual Integrations
APPROVED

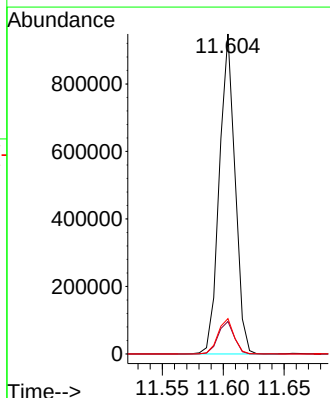
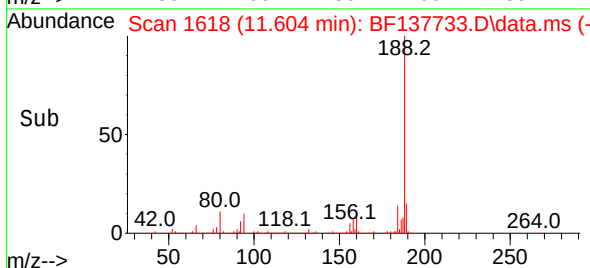
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

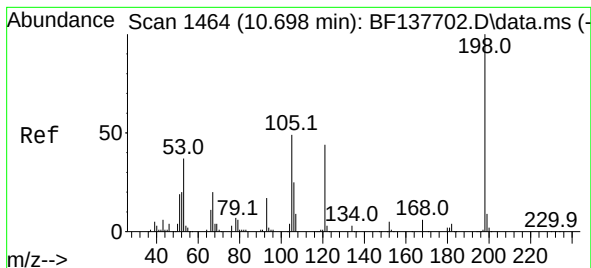


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



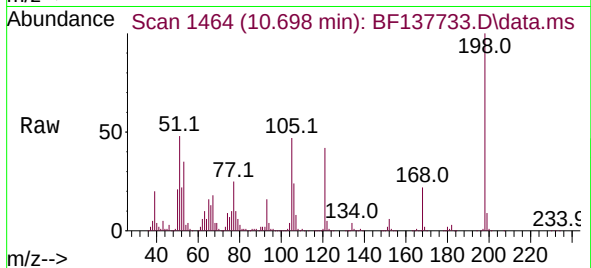
Tgt Ion:188 Resp: 853405
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.0 10.2 15.4





#65
4,6-Dinitro-2-methylphenol
Concen: 68.854 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

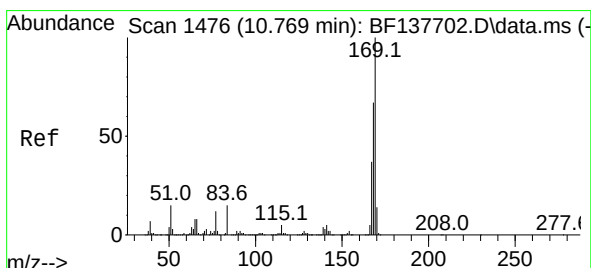
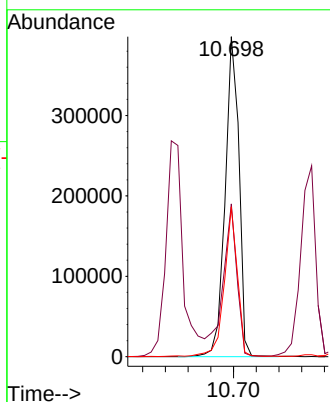
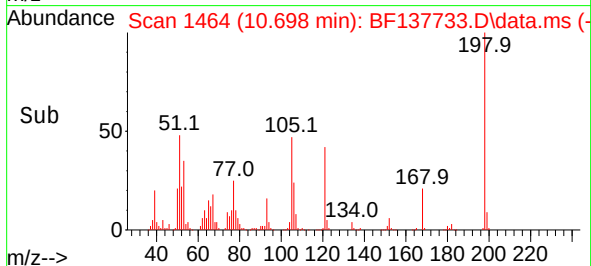
Instrument :
BNA_F
ClientSampleId :
SP6478



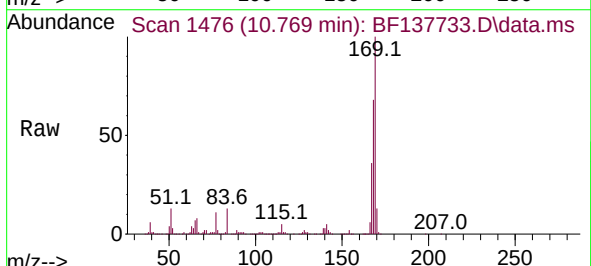
Tgt Ion:198 Resp: 336914
Ion Ratio Lower Upper
198 100
51 47.7 33.5 73.5
105 46.9 29.3 69.3

Manual Integrations
APPROVED

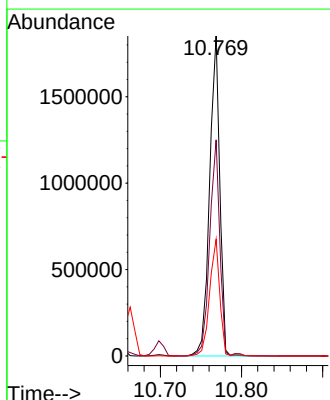
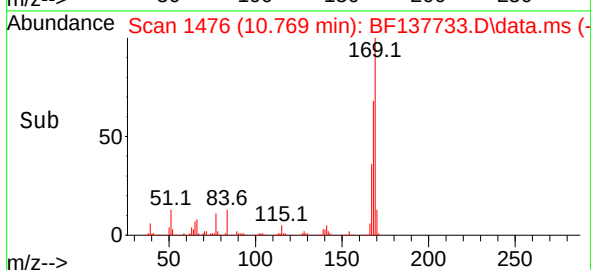
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

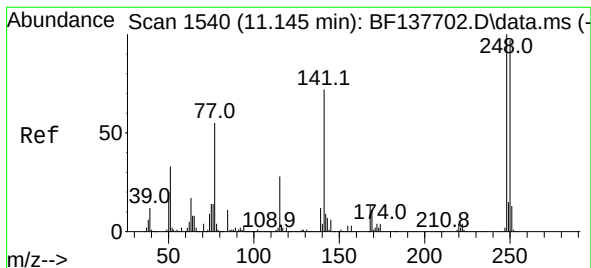


#66
n-Nitrosodiphenylamine
Concen: 55.499 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



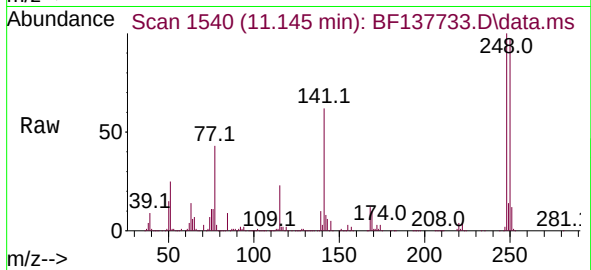
Tgt Ion:169 Resp: 1604150
Ion Ratio Lower Upper
169 100
168 67.6 53.4 80.2
167 36.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 56.492 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

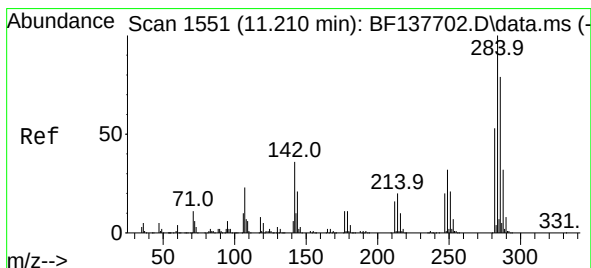
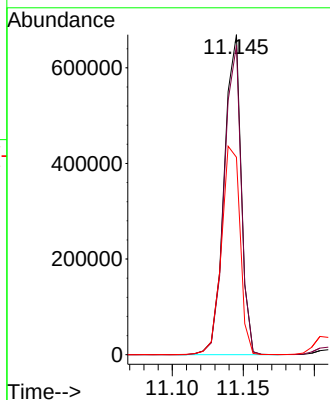
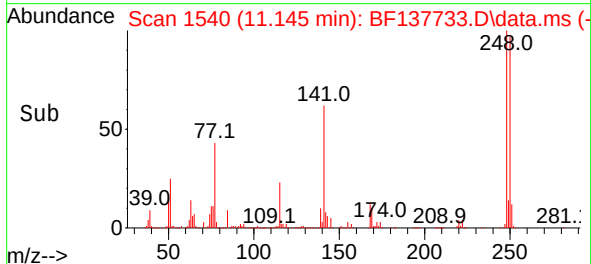
Instrument :
BNA_F
ClientSampleId :
SP6478



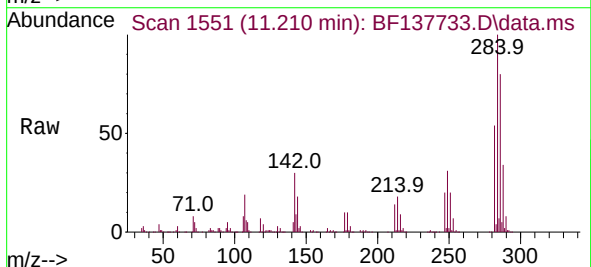
Tgt Ion:248 Resp: 558630
Ion Ratio Lower Upper
248 100
250 96.7 77.4 116.0
141 61.7 57.9 86.9

Manual Integrations
APPROVED

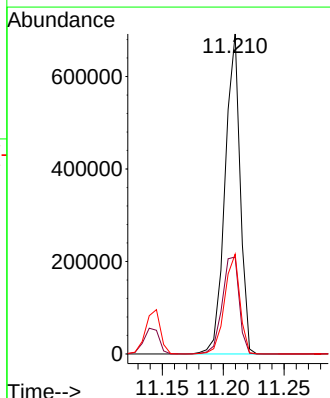
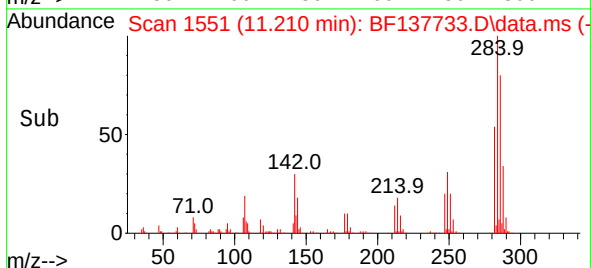
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

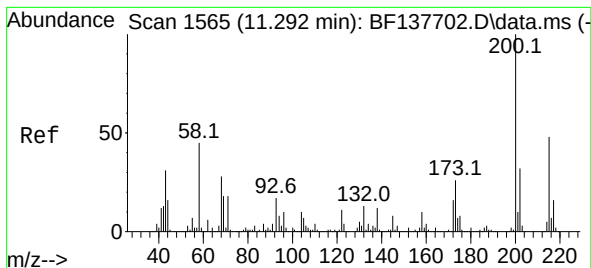


#68
Hexachlorobenzene
Concen: 62.014 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



Tgt Ion:284 Resp: 597431
Ion Ratio Lower Upper
284 100
142 30.3 28.5 42.7
249 31.2 25.6 38.4





#69

Atrazine

Concen: 68.937 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

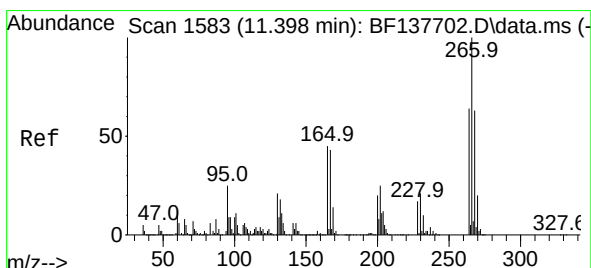
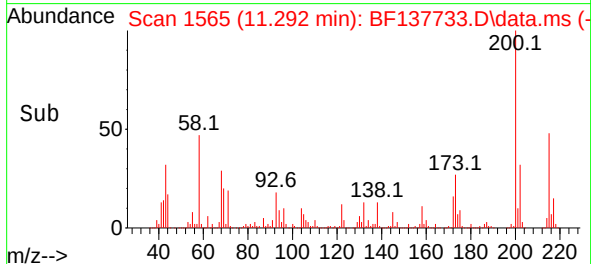
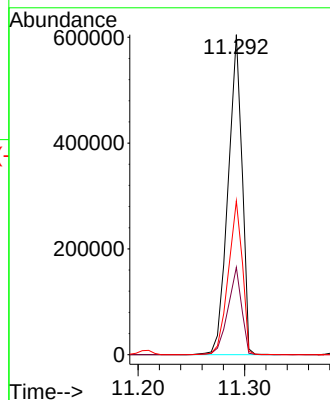
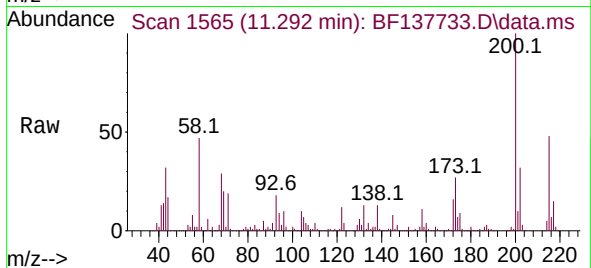
SP6478

Tgt Ion:200 Resp: 550800
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.3 46.3
 215 48.0 28.0 68.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#70

Pentachlorophenol

Concen: 108.164 ng

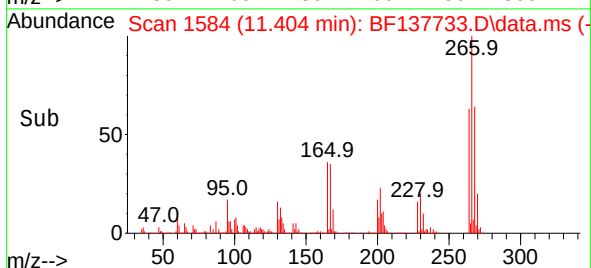
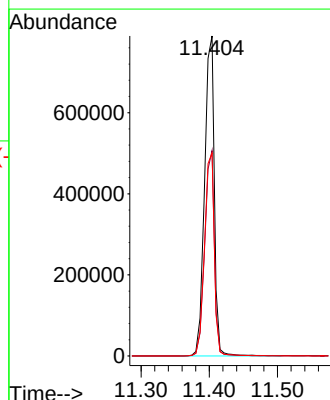
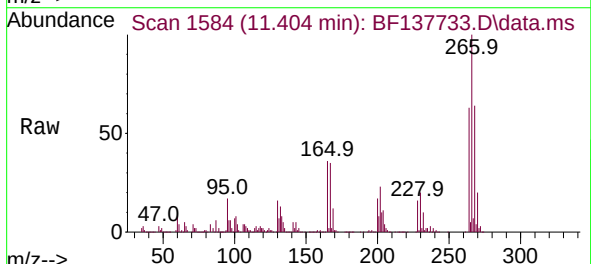
RT: 11.404 min Scan# 1584

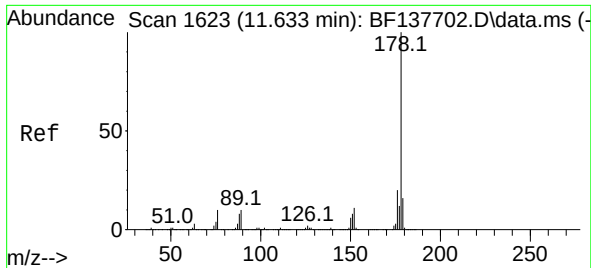
Delta R.T. 0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

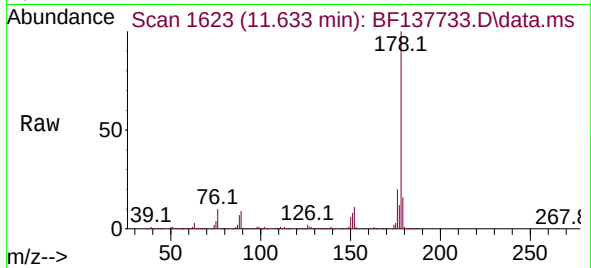
Tgt Ion:266 Resp: 783851
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.4 75.6
 264 63.4 51.4 77.0





#71
Phenanthrene
Concen: 56.403 ng
RT: 11.633 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

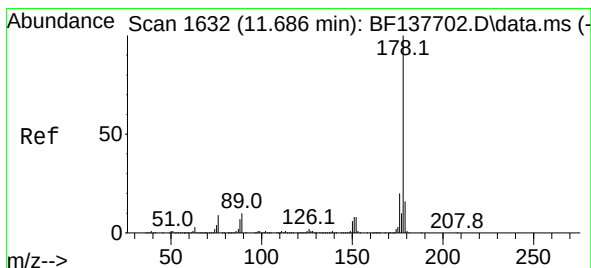
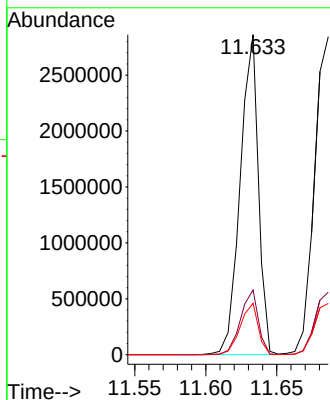
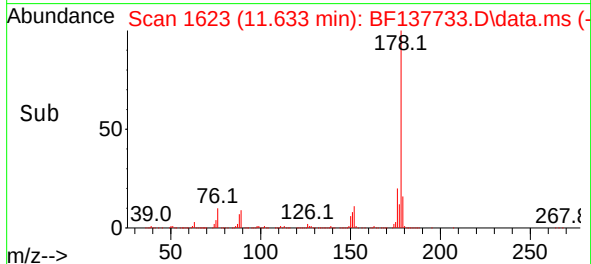
Instrument :
BNA_F
ClientSampleId :
SP6478



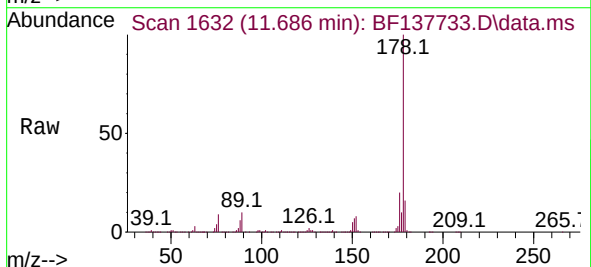
Tgt Ion:178 Resp: 254802
Ion Ratio Lower Upper
178 100
176 20.2 16.4 24.6
179 16.1 12.8 19.2

Manual Integrations
APPROVED

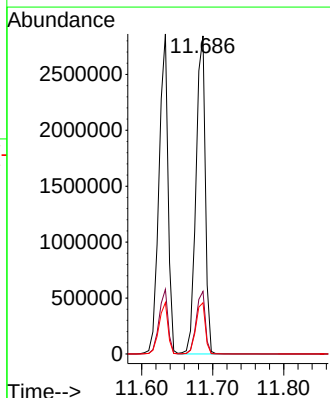
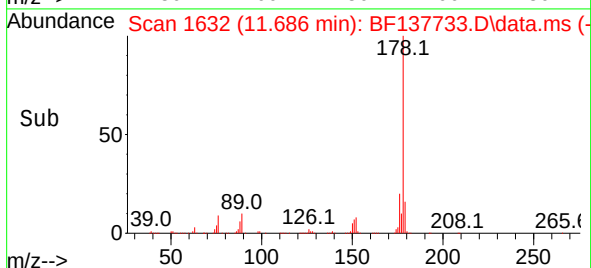
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

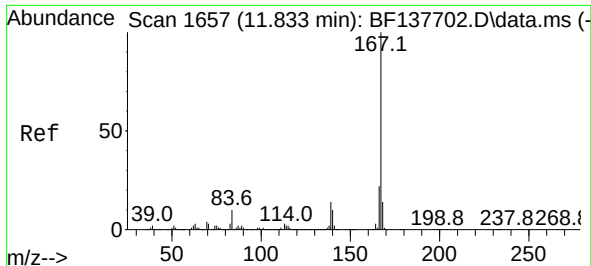


#72
Anthracene
Concen: 56.295 ng
RT: 11.686 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



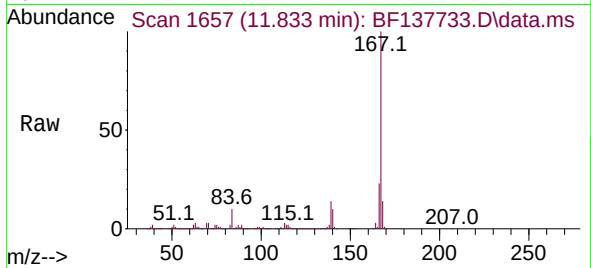
Tgt Ion:178 Resp: 2604145
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 16.1 13.0 19.6





#73
 Carbazole
 Concen: 57.189 ng
 RT: 11.833 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54

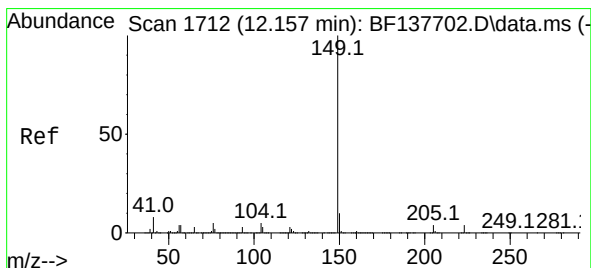
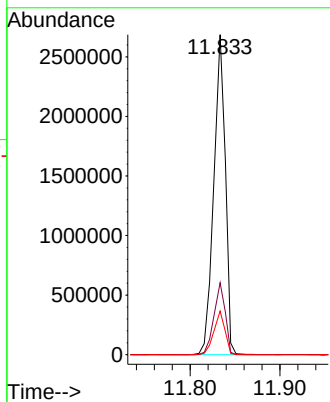
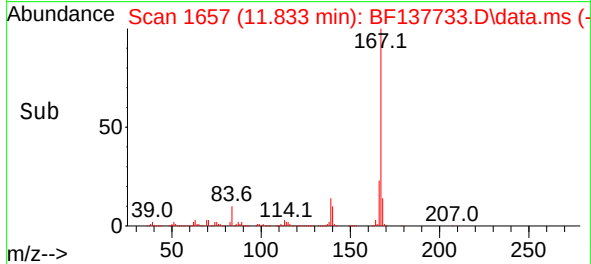
Instrument :
 BNA_F
 ClientSampleId :
 SP6478



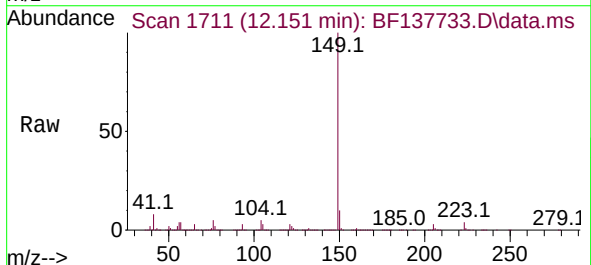
Tgt Ion:167 Resp: 2397511
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.5 26.3
 139 13.7 10.9 16.3

Manual Integrations
 APPROVED

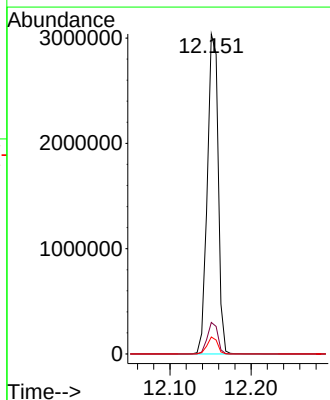
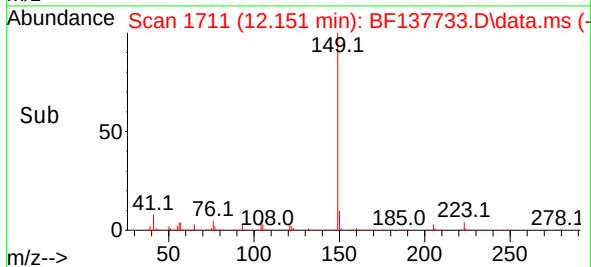
Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

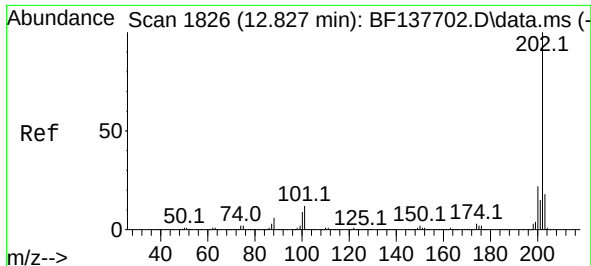


#74
 Di-n-butylphthalate
 Concen: 54.932 ng
 RT: 12.151 min Scan# 1711
 Delta R.T. -0.006 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54



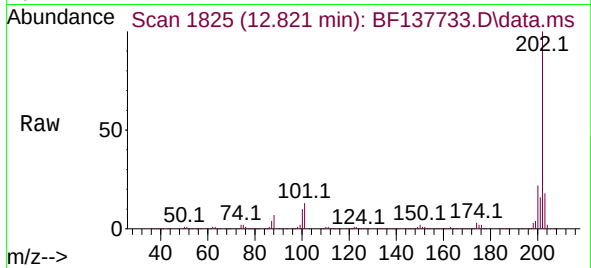
Tgt Ion:149 Resp: 2807311
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 56.722 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

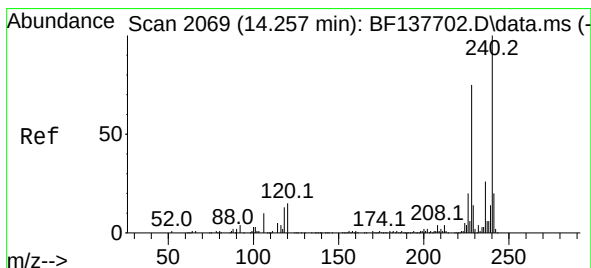
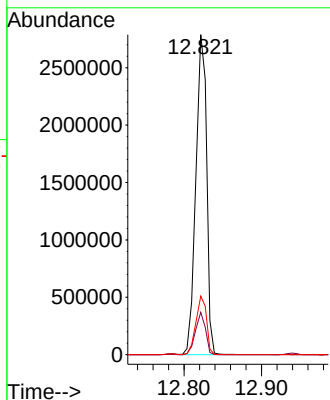
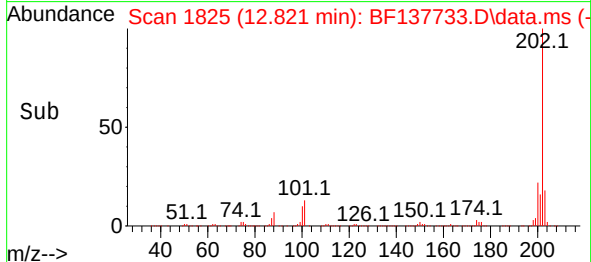
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion:202 Resp: 2693385
Ion Ratio Lower Upper
202 100
101 13.3 0.0 32.2
203 18.3 0.0 38.1

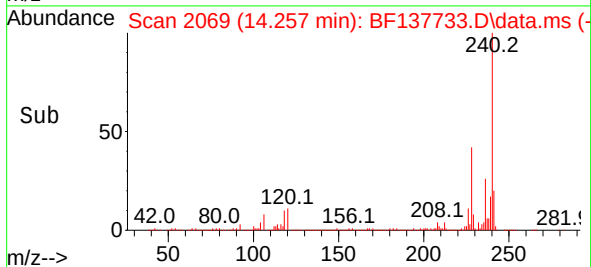
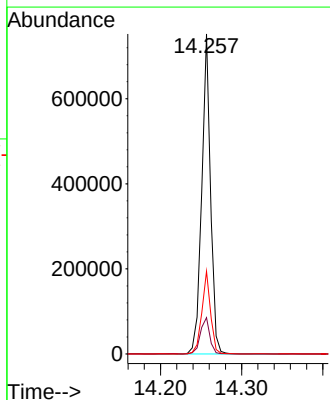
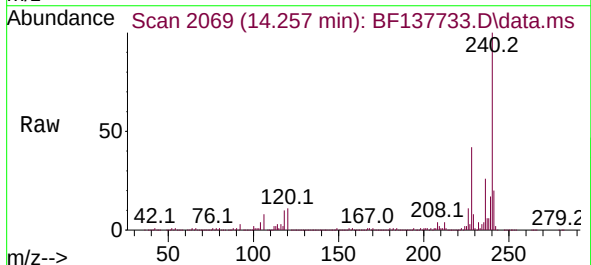
Manual Integrations
APPROVED

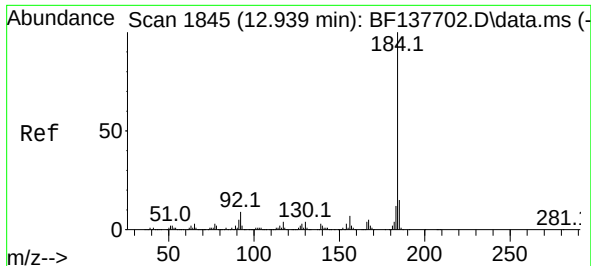
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

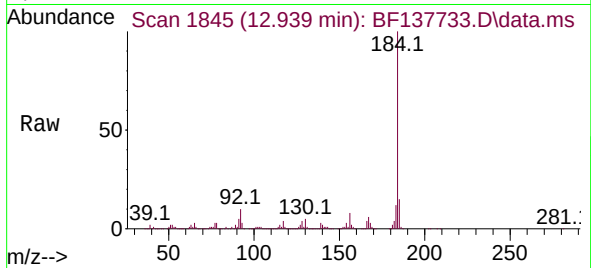
Tgt Ion:240 Resp: 565305
Ion Ratio Lower Upper
240 100
120 11.4 11.9 17.9#
236 25.9 20.8 31.2





#77
Benzidine
Concen: 128.275 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

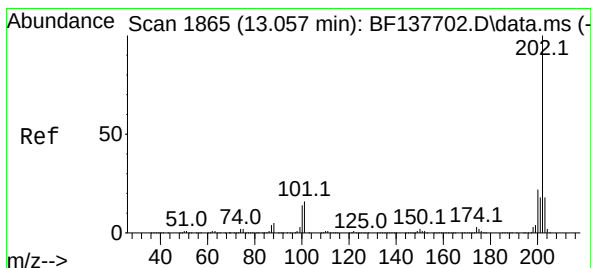
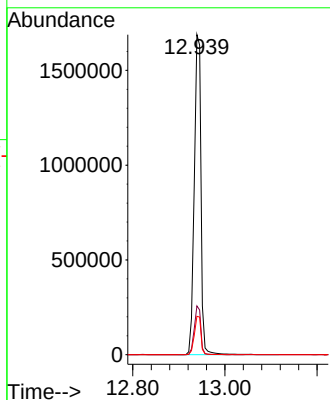
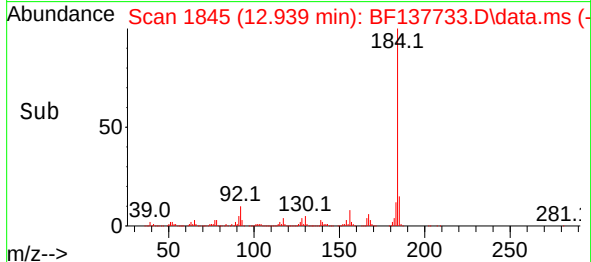
Instrument :
BNA_F
ClientSampleId :
SP6478



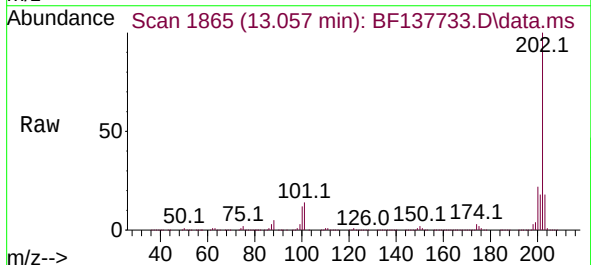
Tgt Ion:184 Resp: 169369
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.4
183 12.0 9.4 14.0

Manual Integrations
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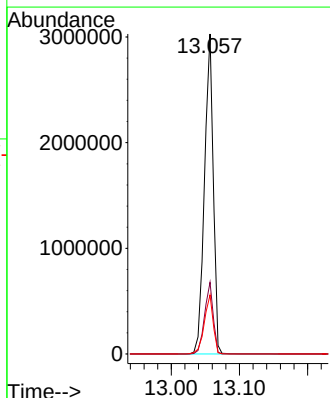
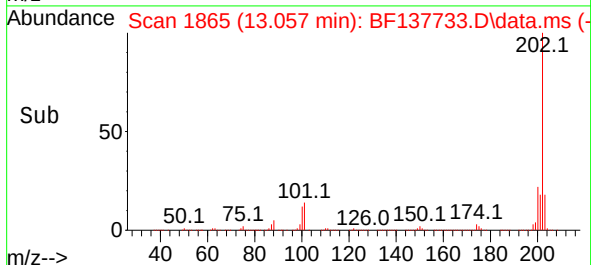
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

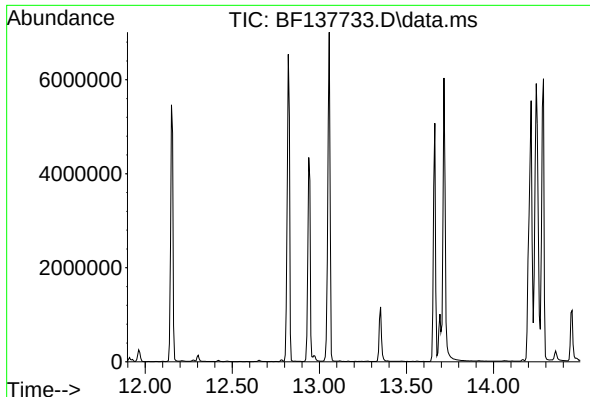


#78
Pyrene
Concen: 58.558 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



Tgt Ion:202 Resp: 2717076
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.4 14.6 21.8





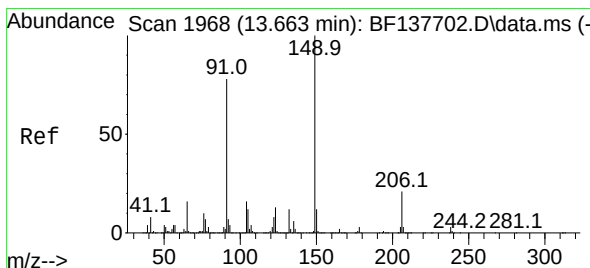
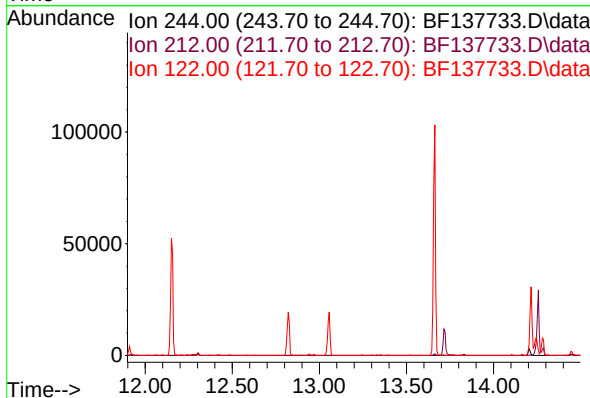
#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 13.20 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54

Instrument :
 BNA_F
 ClientSampleId :
 SP6478

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.9
 122 11.0

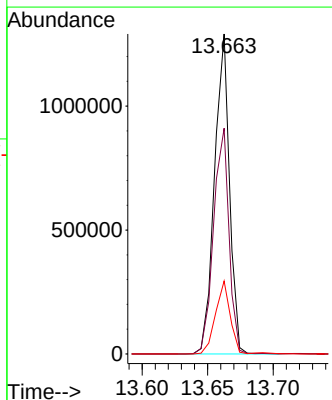
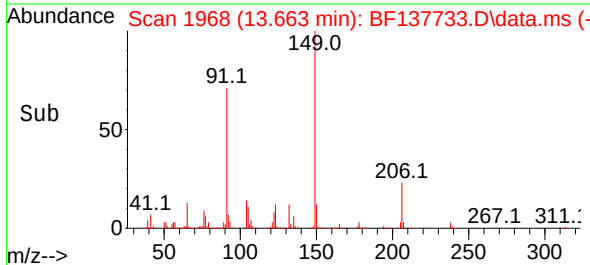
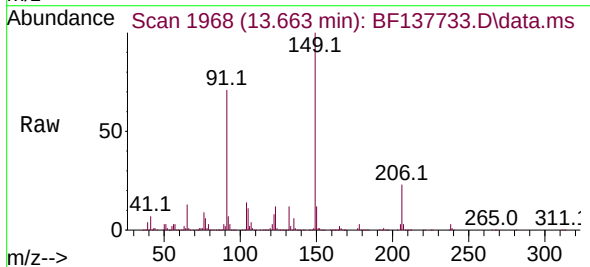
Manual Integrations
 APPROVED

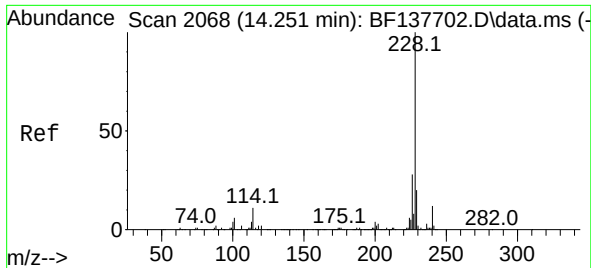
Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024



#80
 Butylbenzylphthalate
 Concen: 62.262 ng
 RT: 13.663 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: BF137733.D
 Acq: 26 Apr 2024 13:54

Tgt Ion:149 Resp: 1024493
 Ion Ratio Lower Upper
 149 100
 91 70.5 62.6 93.8
 206 22.8 16.5 24.7





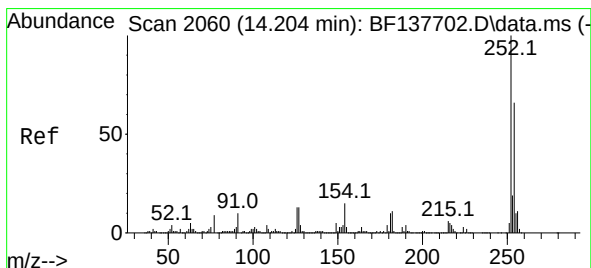
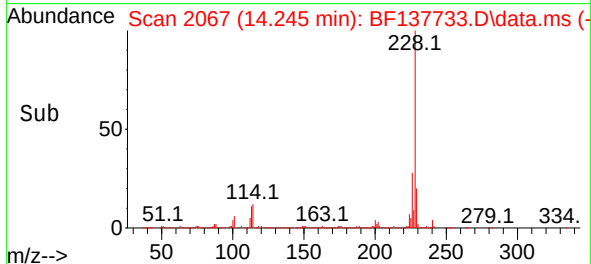
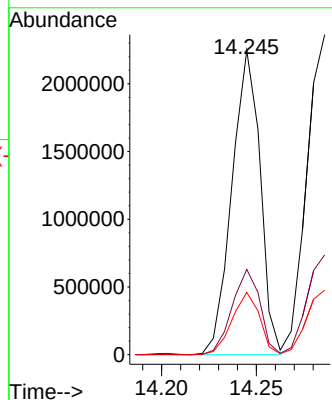
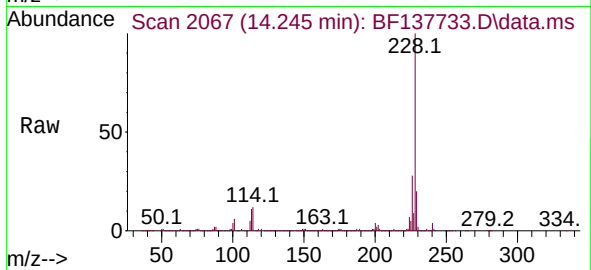
#81
Benzo(a)anthracene
Concen: 58.943 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Instrument :
BNA_F
ClientSampleId :
SP6478

Tgt Ion:228 Resp: 232405
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 20.4 16.0 24.0

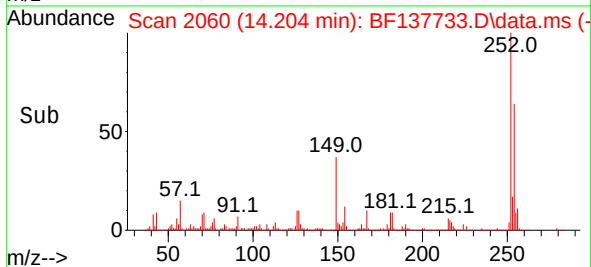
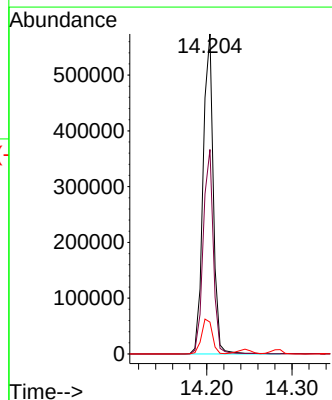
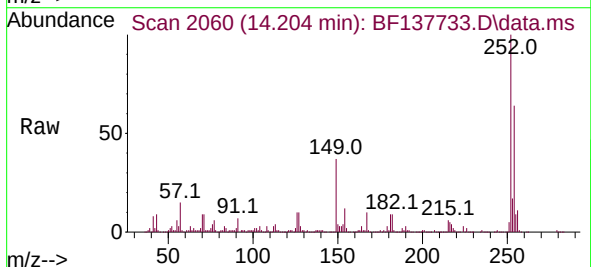
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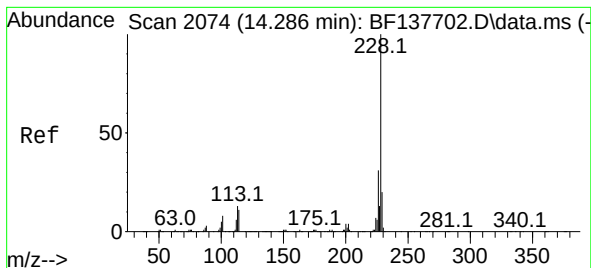
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#82
3,3'-Dichlorobenzidine
Concen: 39.101 ng
RT: 14.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Tgt Ion:252 Resp: 477015
Ion Ratio Lower Upper
252 100
254 63.9 52.6 79.0
126 9.9 10.8 16.2#





#83

Chrysene

Concen: 58.553 ng

RT: 14.286 min Scan# 2074

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

SP6478

Tgt Ion:228 Resp: 2157138

Ion Ratio Lower Upper

228 100

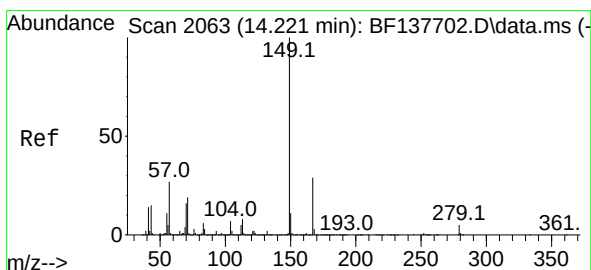
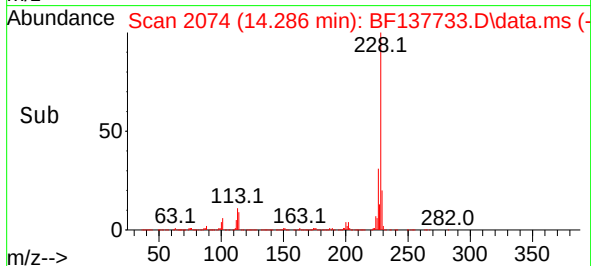
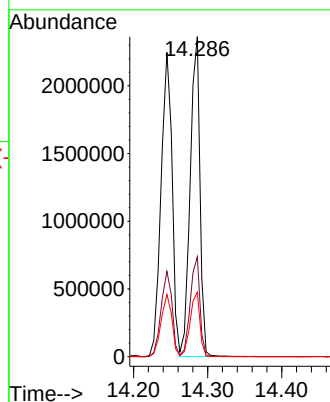
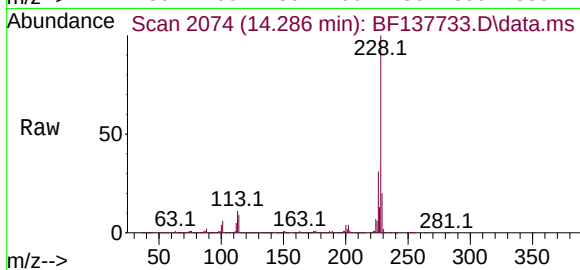
226 31.2 24.7 37.1

229 20.2 16.2 24.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.162 ng

RT: 14.216 min Scan# 2062

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

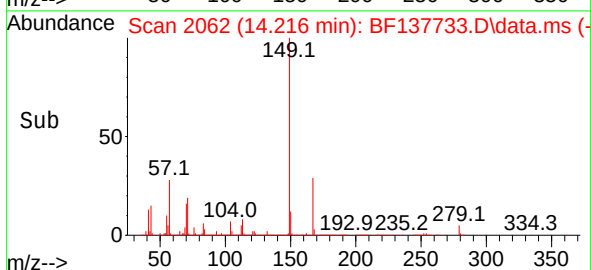
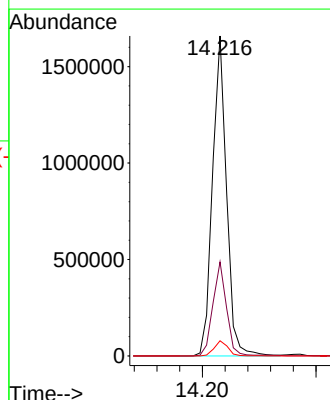
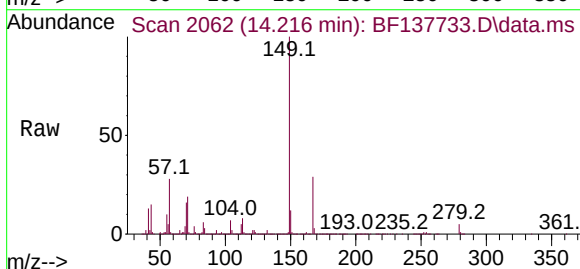
Tgt Ion:149 Resp: 1420455

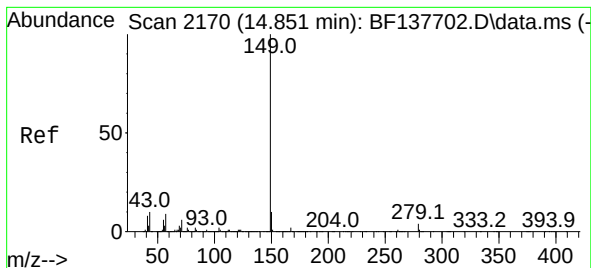
Ion Ratio Lower Upper

149 100

167 29.4 23.4 35.0

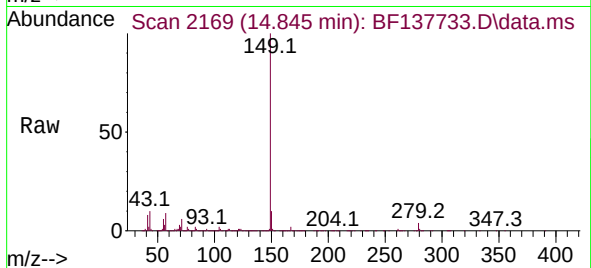
279 4.8 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 55.501 ng
RT: 14.845 min Scan# 2169
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

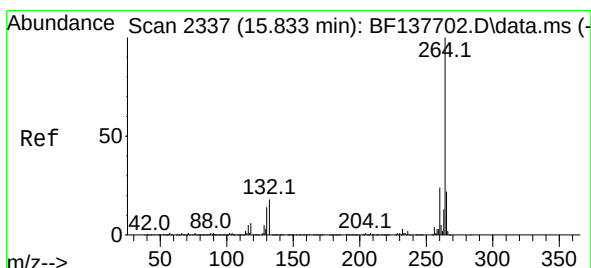
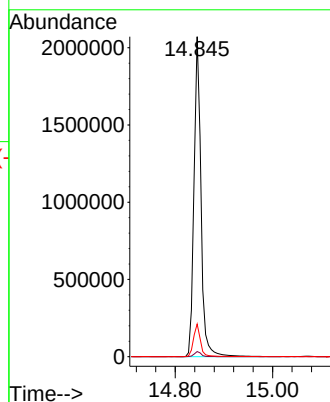
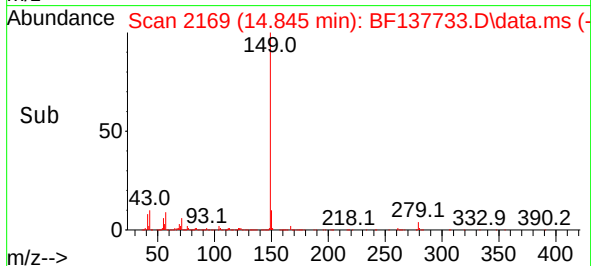
Instrument :
BNA_F
ClientSampleId :
SP6478



Tgt Ion:149 Resp: 2071659
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 8.8 13.2

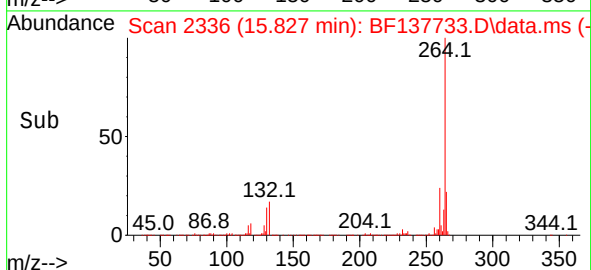
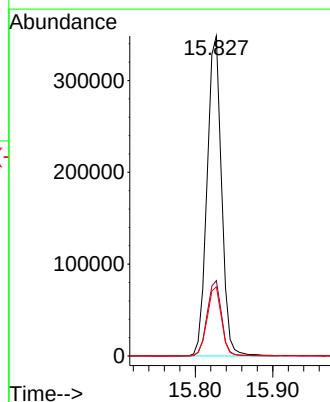
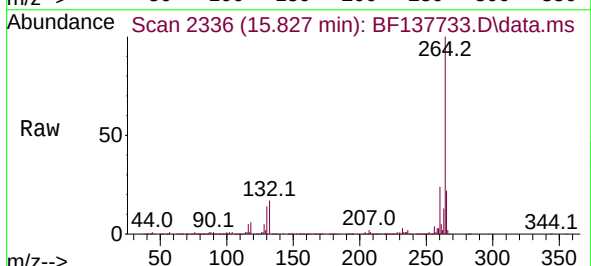
Manual Integrations
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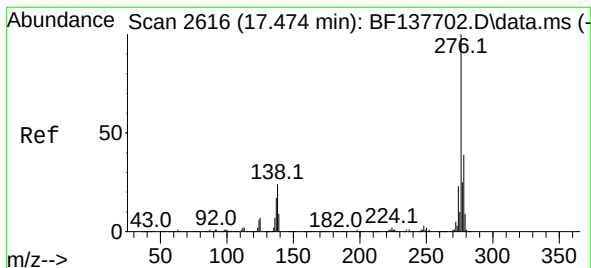
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.827 min Scan# 2336
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

Tgt Ion:264 Resp: 452650
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.437 ng

RT: 17.468 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

SP6478

Tgt Ion:276 Resp: 166746

Ion Ratio Lower Upper

276 100

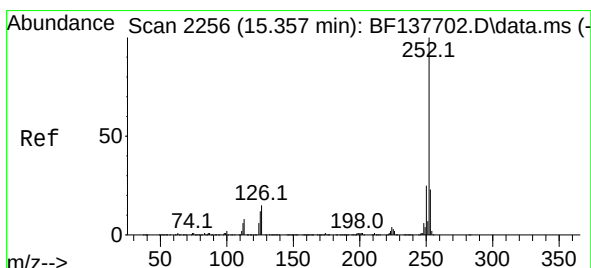
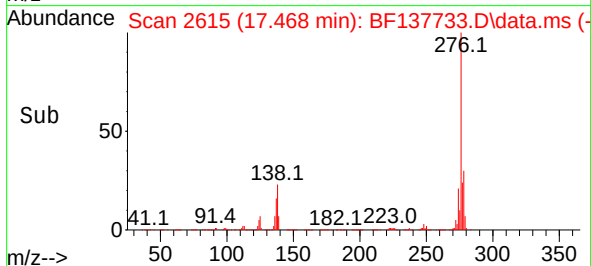
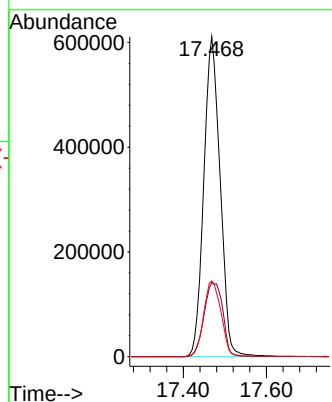
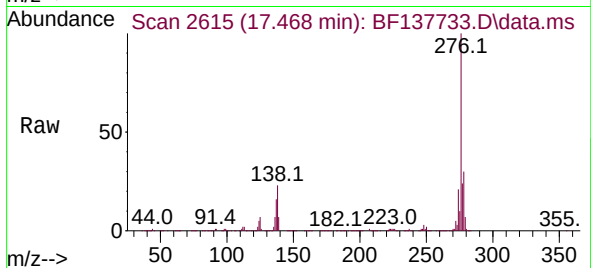
138 26.6 22.3 33.5

277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#88

Benzo(b)fluoranthene

Concen: 62.279 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

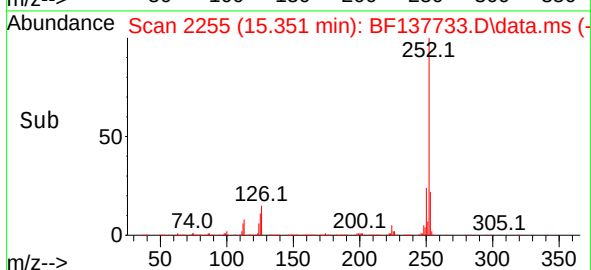
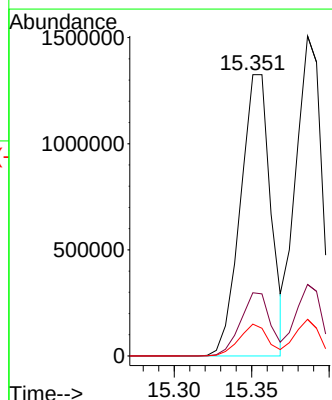
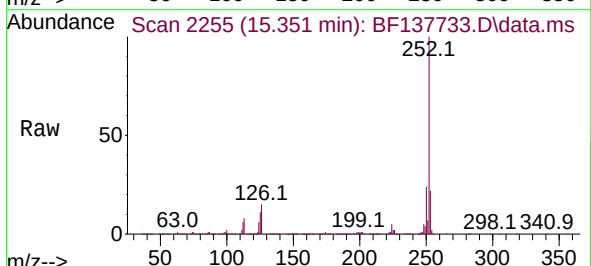
Tgt Ion:252 Resp: 1803948

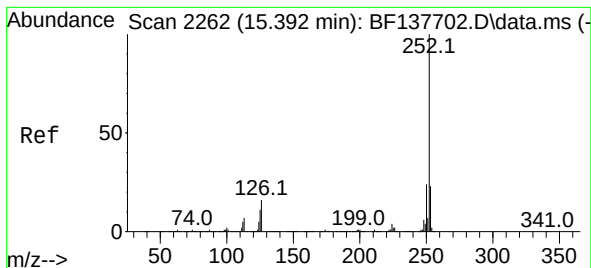
Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 11.3 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 62.374 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

Instrument :

BNA_F

ClientSampleId :

SP6478

Tgt Ion:252 Resp: 1775974

Ion Ratio Lower Upper

252 100

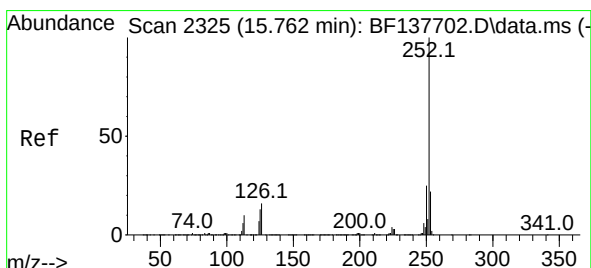
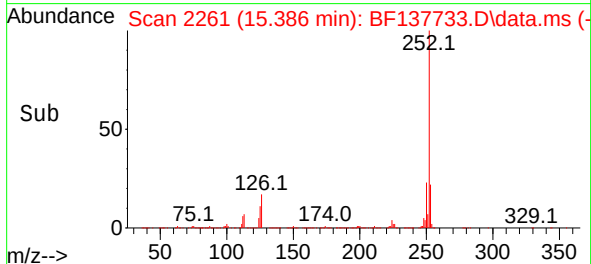
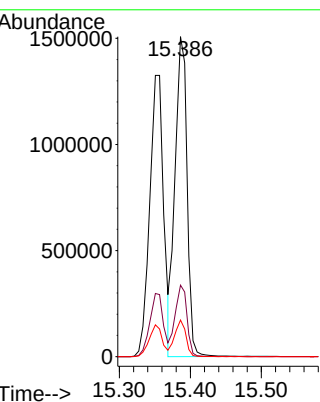
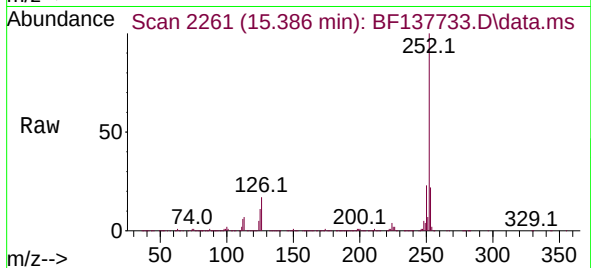
253 22.4 18.0 27.0

125 11.4 9.0 13.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#90

Benzo(a)pyrene

Concen: 60.591 ng

RT: 15.762 min Scan# 2325

Delta R.T. 0.000 min

Lab File: BF137733.D

Acq: 26 Apr 2024 13:54

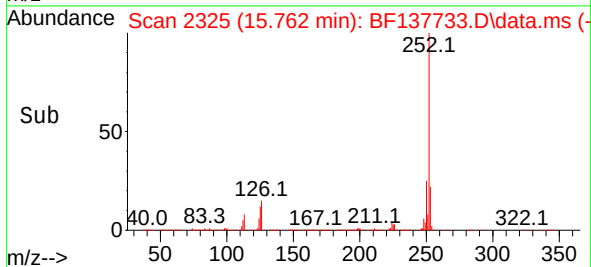
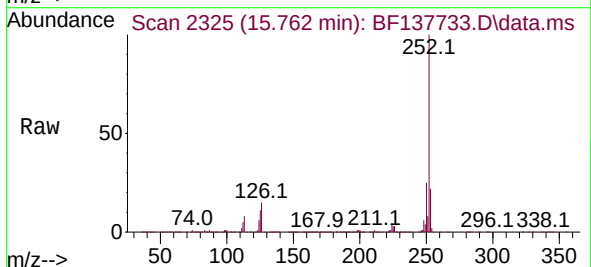
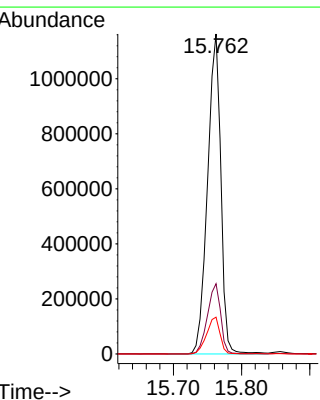
Tgt Ion:252 Resp: 1574409

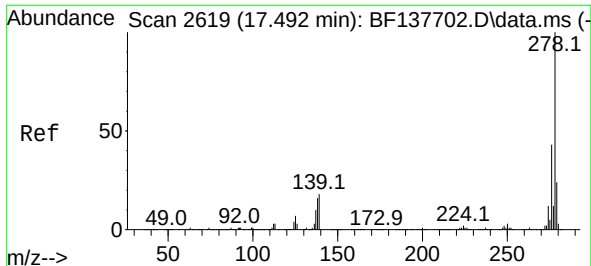
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

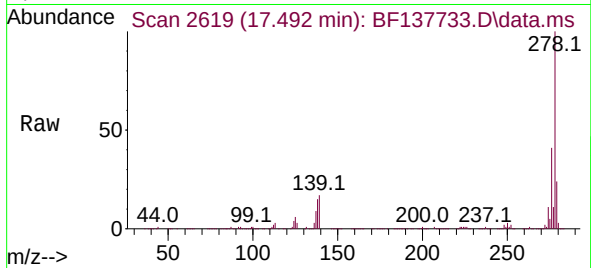
125 11.5 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 64.874 ng
RT: 17.492 min Scan# 2700
Delta R.T. 0.000 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54

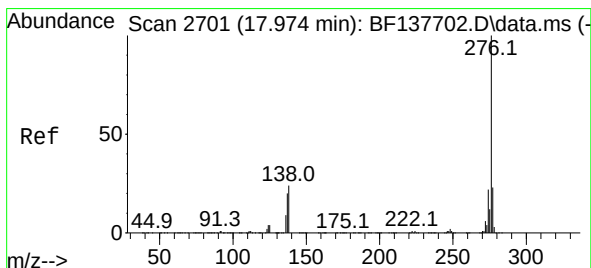
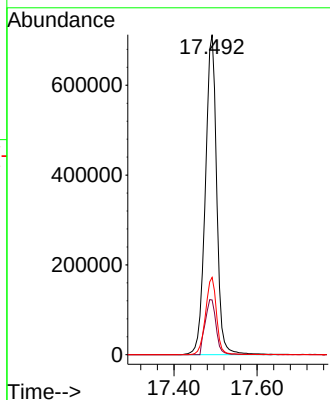
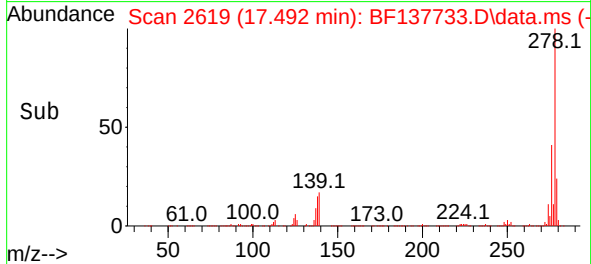
Instrument :
BNA_F
ClientSampleId :
SP6478



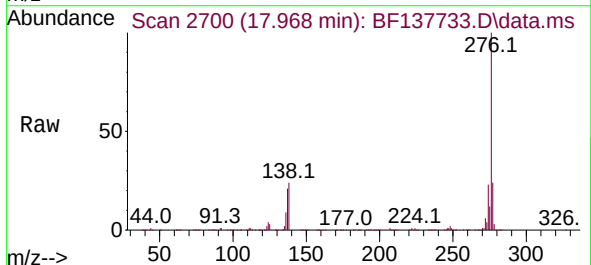
Tgt Ion:278 Resp: 135119
Ion Ratio Lower Upper
278 100
139 17.1 14.7 22.1
279 24.2 19.1 28.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#92
Benzo(g,h,i)perylene
Concen: 62.694 ng
RT: 17.968 min Scan# 2700
Delta R.T. -0.006 min
Lab File: BF137733.D
Acq: 26 Apr 2024 13:54



Tgt Ion:276 Resp: 1269752
Ion Ratio Lower Upper
276 100
277 23.7 18.5 27.7
138 23.9 19.5 29.3

