

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136994.D
 Acq On : 08 Jan 2024 13:12
 Operator : CG\JU
 Sample : PB158263BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158263BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2024
 Supervised By :mohammad ahmed 01/09/2024

Quant Time: Jan 08 13:36:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	74229	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	294729	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	150099	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	281735	20.000	ng	0.00
76) Chrysene-d12	13.974	240	144492	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	133674	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	543259	114.192	ng	0.01
7) Phenol-d6	6.445	99	669188	108.556	ng	0.00
23) Nitrobenzene-d5	7.351	82	412948	71.696	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	197750	111.865	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	838168	75.105	ng	0.00
79) Terphenyl-d14	12.910	244	873030	84.436	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	65298	32.942	ng	97
3) Pyridine	3.399	79	157439	32.553	ng	93
4) n-Nitrosodimethylamine	3.357	42	91542	35.444	ng	100
6) Aniline	6.451	93	207144	33.610	ng	# 46
8) 2-Chlorophenol	6.581	128	210254	40.385	ng	92
9) Benzaldehyde	6.340	77	78973	22.523	ng	96
10) Phenol	6.457	94	250001	37.991	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	191045	38.175	ng	96
12) 1,3-Dichlorobenzene	6.728	146	208745	36.755	ng	97
13) 1,4-Dichlorobenzene	6.804	146	215770	37.182	ng	96
14) 1,2-Dichlorobenzene	6.951	146	205522	38.061	ng	99
15) Benzyl Alcohol	6.939	79	161916	38.934	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	302308	36.948	ng	# 47
17) 2-Methylphenol	7.051	107	168727	39.121	ng	95
18) Hexachloroethane	7.287	117	75326	35.742	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	141939	37.984	ng	96
20) 3+4-Methylphenols	7.204	107	214071	39.729	ng	# 70
22) Acetophenone	7.198	105	288890	39.106	ng	# 90
24) Nitrobenzene	7.369	77	207385	35.944	ng	97
25) Isophorone	7.610	82	390939	37.302	ng	98
26) 2-Nitrophenol	7.686	139	109490	39.664	ng	96
27) 2,4-Dimethylphenol	7.728	122	183362	54.560	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	242732	38.103	ng	99
29) 2,4-Dichlorophenol	7.934	162	169173	39.100	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	178504	37.029	ng	99
31) Naphthalene	8.086	128	602255	37.195	ng	100
32) Benzoic acid	7.881	122	116471	35.818	ng	93
33) 4-Chloroaniline	8.139	127	127707	21.362	ng	97
34) Hexachlorobutadiene	8.198	225	104201	35.577	ng	99
35) Caprolactam	8.522	113	57766m	40.471	ng	
36) 4-Chloro-3-methylphenol	8.639	107	186876	38.366	ng	98
37) 2-Methylnaphthalene	8.775	142	389034	37.334	ng	99
38) 1-Methylnaphthalene	8.875	142	366519	35.851	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	185001	39.798	ng	98
41) Hexachlorocyclopentadiene	8.928	237	117745	79.476	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	117245	39.329	ng	98

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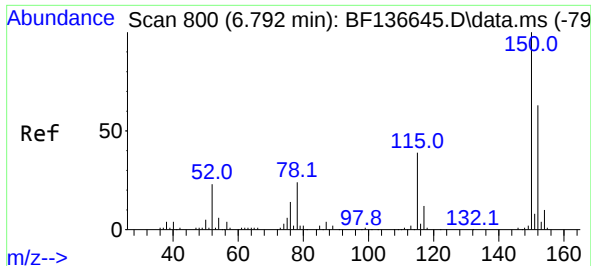
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	126958	38.216	ng	100
46) 1,1'-Biphenyl	9.245	154	496239	39.398	ng	99
47) 2-Chloronaphthalene	9.269	162	365158	38.135	ng	98
48) 2-Nitroaniline	9.375	65	115225	38.427	ng	93
49) Acenaphthylene	9.686	152	584378	39.928	ng	99
50) Dimethylphthalate	9.551	163	438091	39.959	ng	99
51) 2,6-Dinitrotoluene	9.616	165	96754	38.885	ng	# 87
52) Acenaphthene	9.857	154	356921	39.341	ng	97
53) 3-Nitroaniline	9.786	138	77491	29.400	ng	98
54) 2,4-Dinitrophenol	9.904	184	83151	61.217	ng	# 87
55) Dibenzofuran	10.033	168	526943	38.316	ng	97
56) 4-Nitrophenol	9.975	139	105918	59.527	ng	96
57) 2,4-Dinitrotoluene	10.028	165	120274	37.235	ng	93
58) Fluorene	10.375	166	432679	39.651	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	104254	40.768	ng	97
60) Diethylphthalate	10.251	149	435513	38.285	ng	97
61) 4-Chlorophenyl-phenyle...	10.363	204	211837	39.939	ng	98
62) 4-Nitroaniline	10.410	138	91538	36.025	ng	92
63) Azobenzene	10.528	77	404394	38.062	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	64296	39.821	ng	97
66) n-Nitrosodiphenylamine	10.492	169	381866	41.725	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	127540	40.762	ng	97
68) Hexachlorobenzene	10.927	284	138439	39.703	ng	# 94
69) Atrazine	11.027	200	168886	72.148	ng	99
70) Pentachlorophenol	11.127	266	118037	72.626	ng	100
71) Phenanthrene	11.345	178	610434	42.227	ng	100
72) Anthracene	11.392	178	609390	41.625	ng	99
73) Carbazole	11.557	167	555041	40.212	ng	98
74) Di-n-butylphthalate	11.880	149	694570	41.238	ng	99
75) Fluoranthene	12.539	202	605009	39.126	ng	99
77) Benzidine	12.663	184	110953	26.043	ng	98
78) Pyrene	12.769	202	600500	42.335	ng	99
80) Butylbenzylphthalate	13.386	149	236029	45.731	ng	100
81) Benzo(a)anthracene	13.963	228	414631	41.325	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	107404	37.694	ng	98
83) Chrysene	13.998	228	389654	39.714	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	314481	48.428	ng	97
85) Di-n-octyl phthalate	14.563	149	441741	43.976	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	443860	45.989	ng	100
88) Benzo(b)fluoranthene	15.021	252	375104	42.013	ng	99
89) Benzo(k)fluoranthene	15.051	252	327231	38.788	ng	98
90) Benzo(a)pyrene	15.398	252	319655	42.415	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	371685	46.942	ng	97
92) Benzo(g,h,i)perylene	17.445	276	370372	45.670	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 74
Delta R.T. -0.005 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

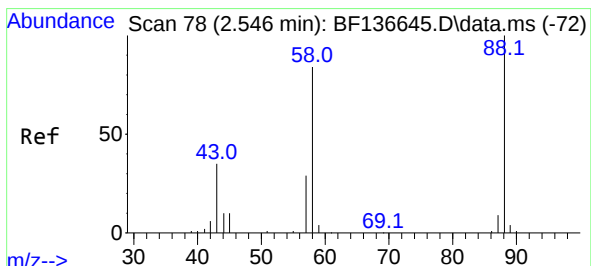
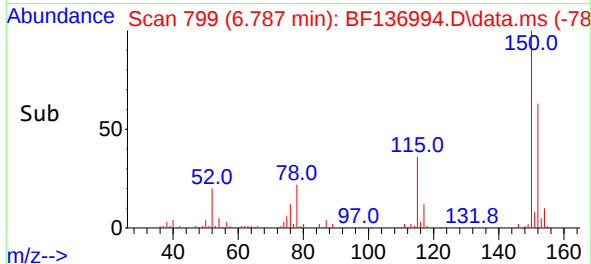
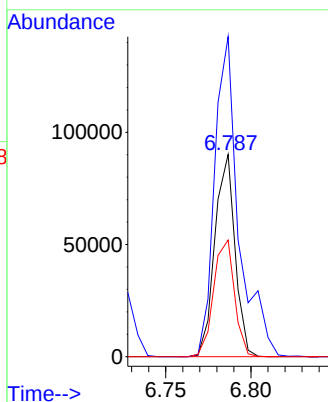
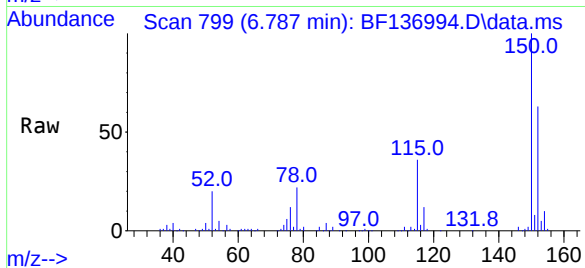
PB158263BS

Tgt Ion:152 Resp: 74229
Ion Ratio Lower Upper
152 100
150 158.3 127.0 190.6
115 57.7 49.0 73.4

Manual Integrations

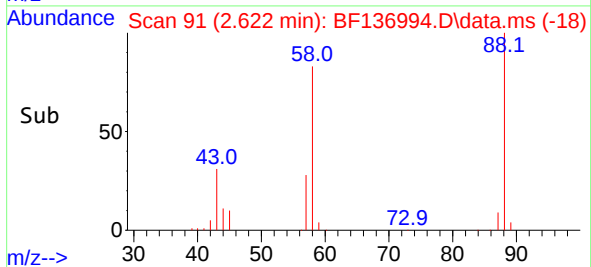
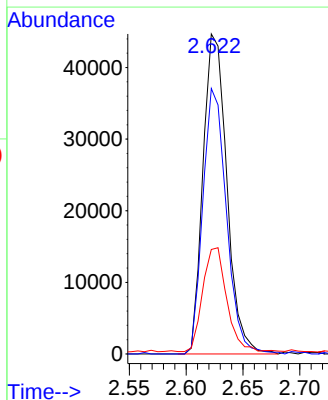
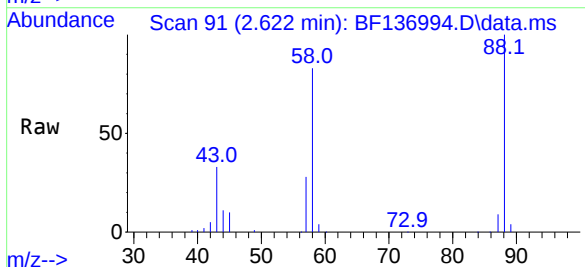
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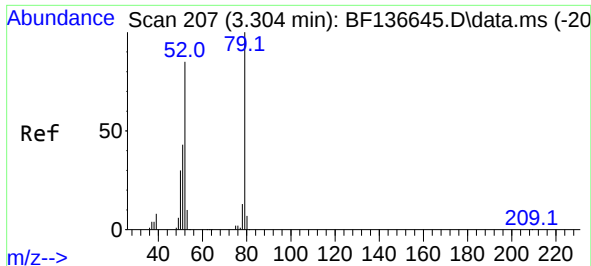
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#2
1,4-Dioxane
Concen: 32.942 ng
RT: 2.622 min Scan# 91
Delta R.T. 0.077 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 88 Resp: 65298
Ion Ratio Lower Upper
88 100
58 81.9 67.4 101.0
43 32.5 27.7 41.5





#3
Pyridine
Concen: 32.553 ng
RT: 3.399 min Scan# 216
Delta R.T. 0.094 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

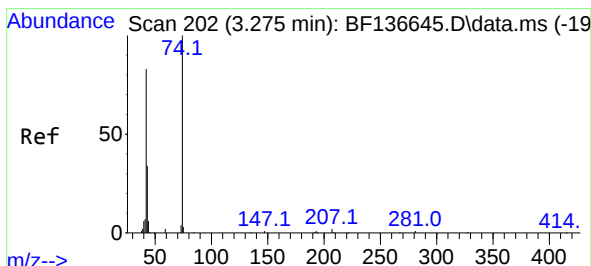
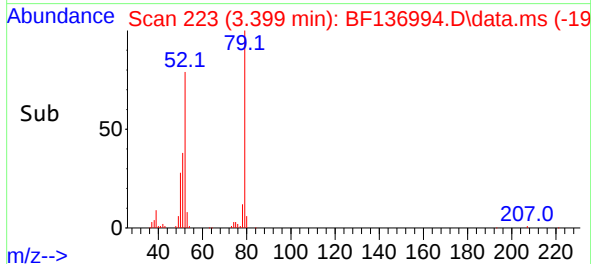
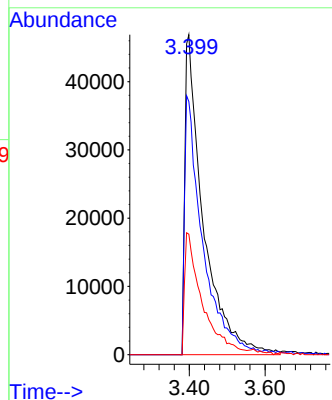
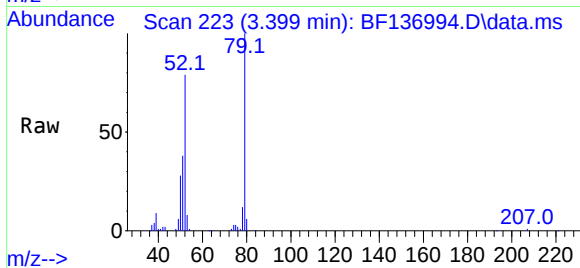
ClientSampleId :

PB158263BS

Tgt Ion: 79 Resp: 157439
Ion Ratio Lower Upper
79 100
52 79.1 67.7 101.5
51 37.6 34.0 51.0

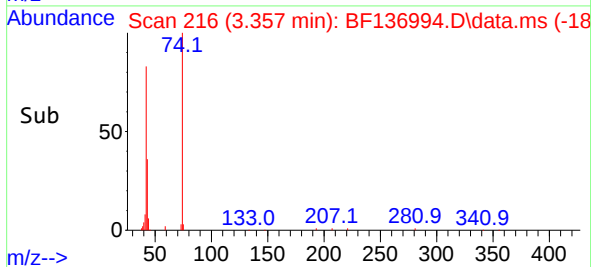
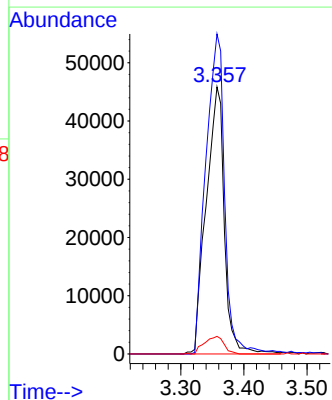
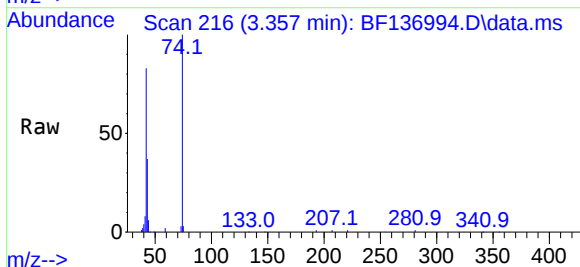
Manual Integrations
APPROVED

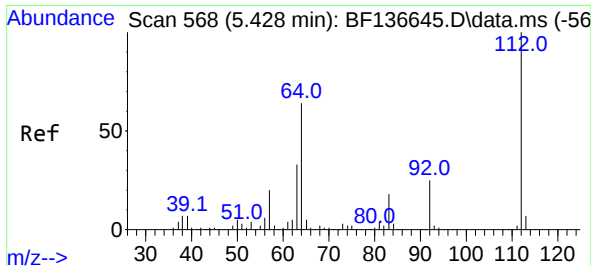
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#4
n-Nitrosodimethylamine
Concen: 35.444 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 42 Resp: 91542
Ion Ratio Lower Upper
42 100
74 119.8 96.0 144.0
44 6.6 5.4 8.2





#5
2-Fluorophenol
Concen: 114.192 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

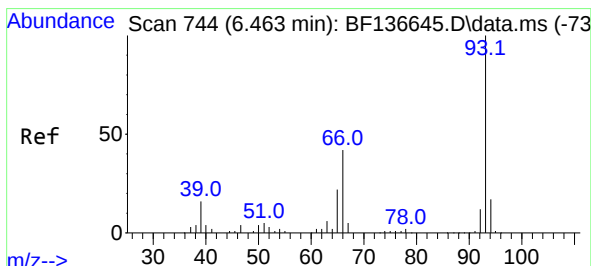
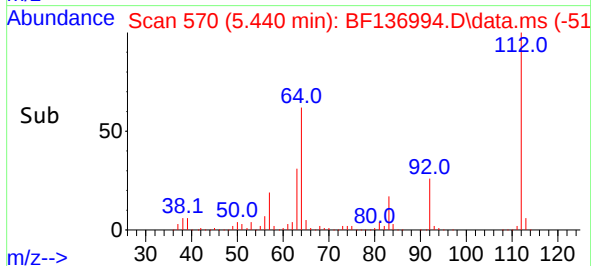
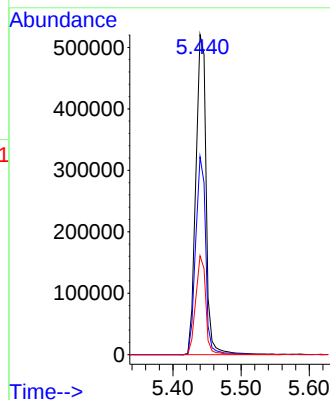
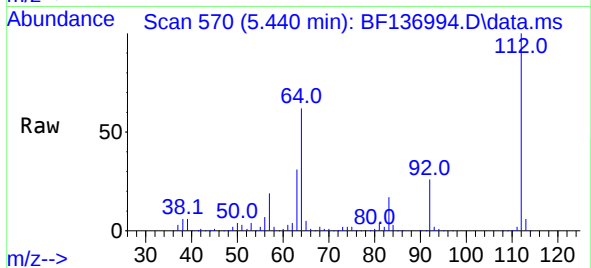
PB158263BS

Tgt Ion:112 Resp: 543259
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 30.9 26.1 39.1

Manual Integrations

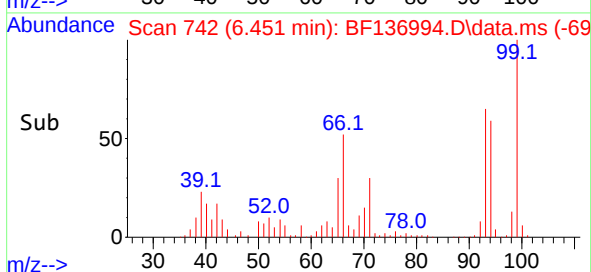
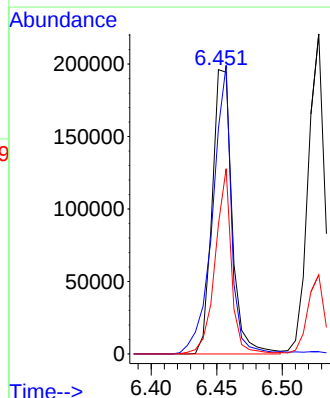
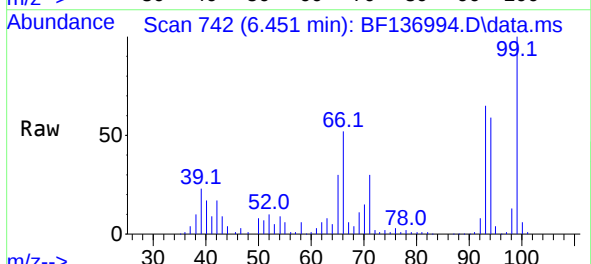
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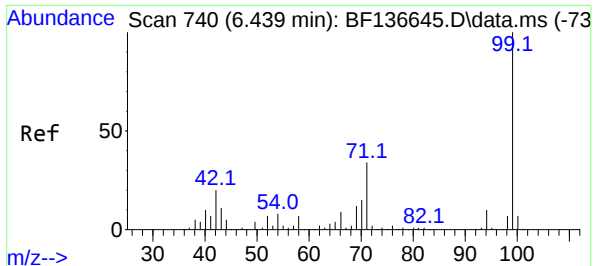
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#6
Aniline
Concen: 33.610 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

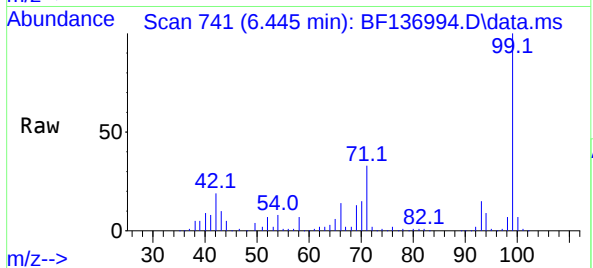
Tgt Ion: 93 Resp: 207144
Ion Ratio Lower Upper
93 100
66 79.4 34.6 51.8#
65 45.6 17.8 26.8#





#7
Phenol-d6
Concen: 108.556 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

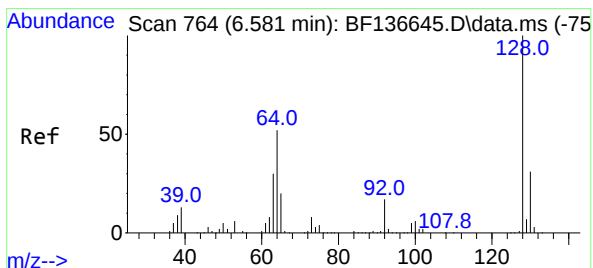
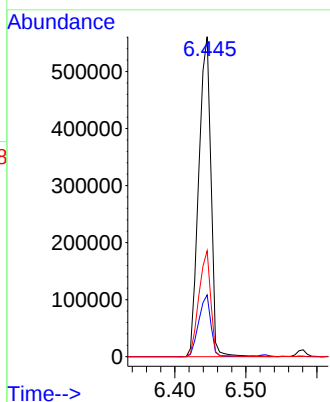
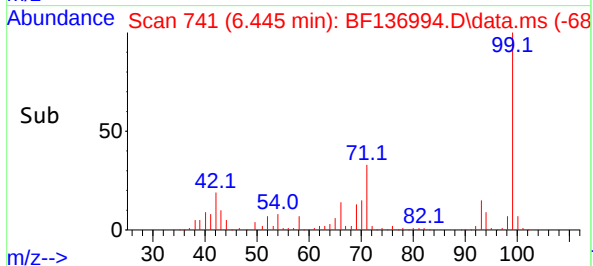
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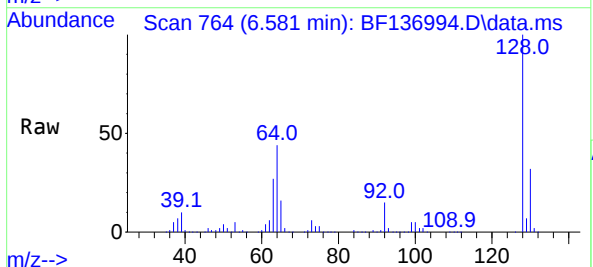
Tgt Ion: 99 Resp: 669188
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 33.1 27.4 41.2

Manual Integrations
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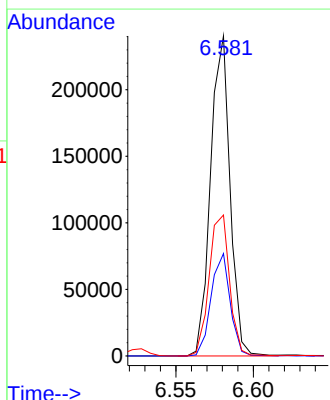
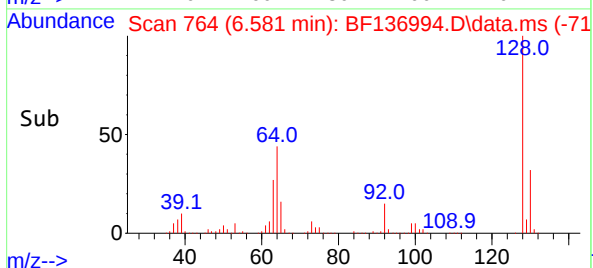
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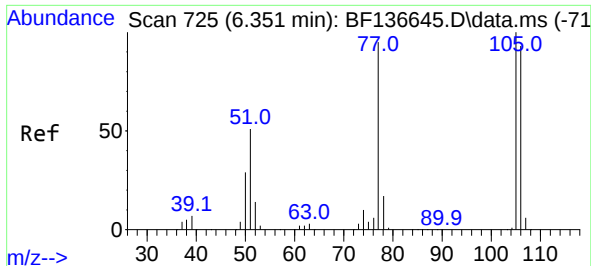


#8
2-Chlorophenol
Concen: 40.385 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:128 Resp: 210254
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 44.0 32.5 72.5





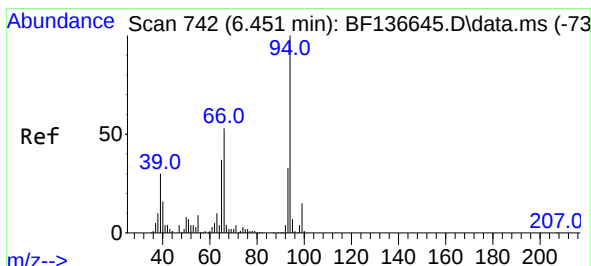
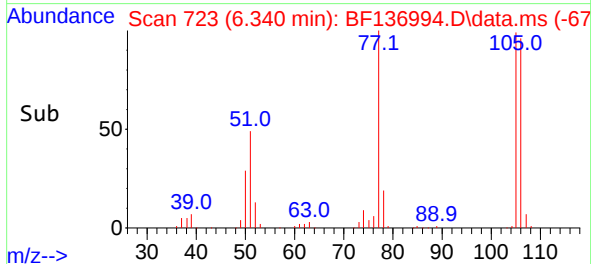
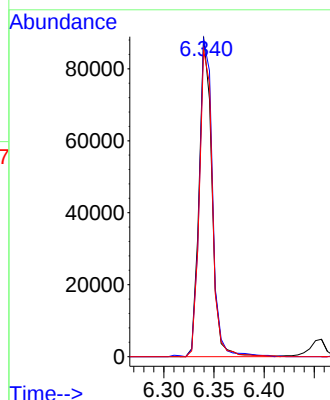
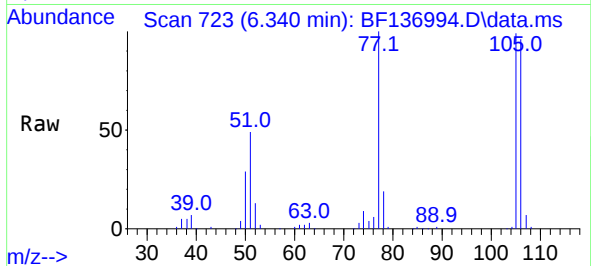
#9
Benzaldehyde
Concen: 22.523 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB158263BS

Tgt Ion: 77 Resp: 7897
Ion Ratio Lower Upper
77 100
105 99.1 84.8 124.8
106 95.9 77.8 117.8

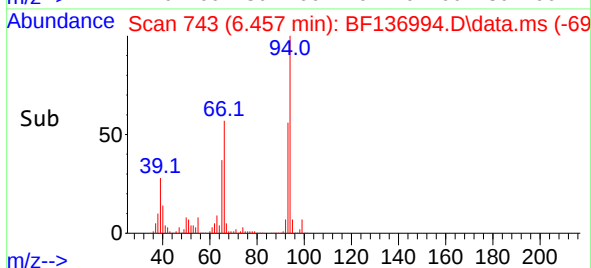
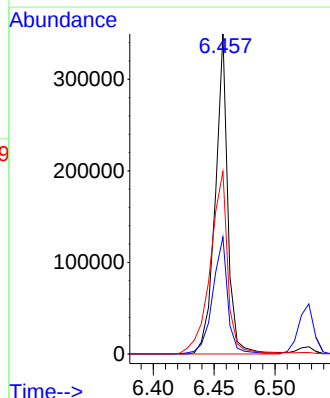
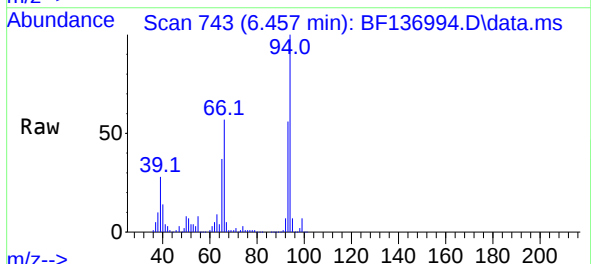
Manual Integrations
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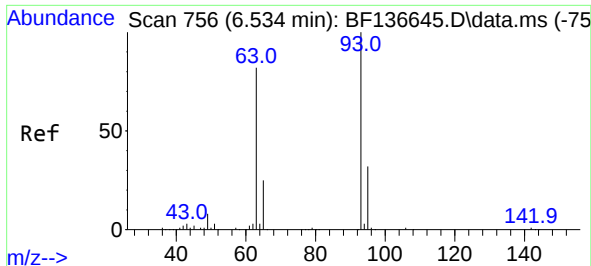
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#10
Phenol
Concen: 37.991 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 94 Resp: 250001
Ion Ratio Lower Upper
94 100
65 36.6 16.6 56.6
66 57.0 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 38.175 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

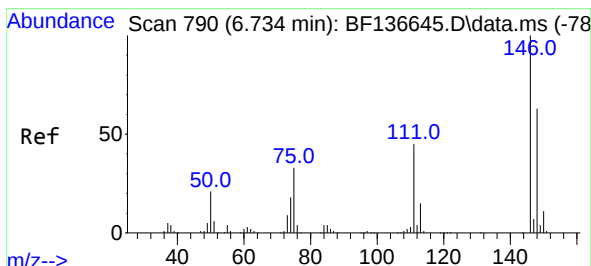
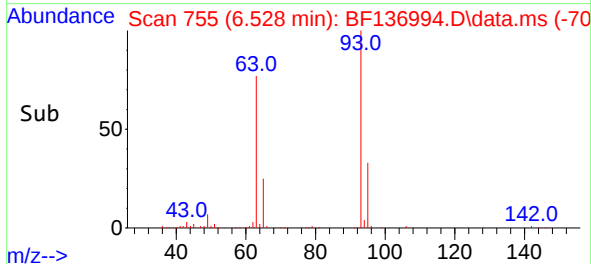
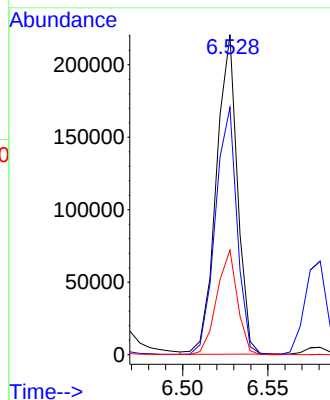
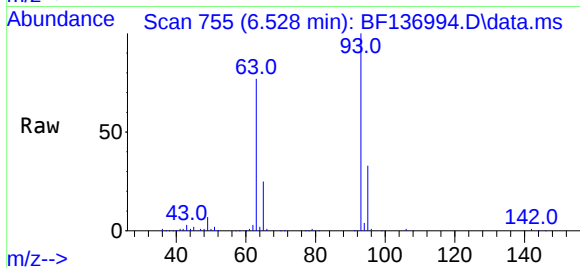
ClientSampleId :

PB158263BS

Tgt Ion: 93 Resp: 191045
Ion Ratio Lower Upper
93 100
63 77.3 61.2 101.2
95 32.7 11.6 51.6

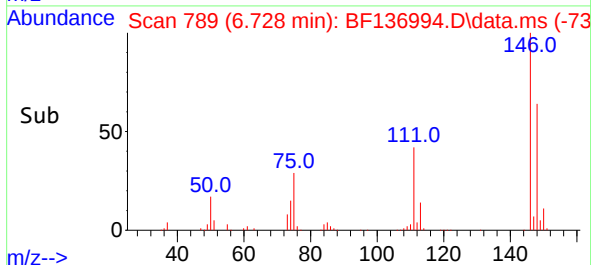
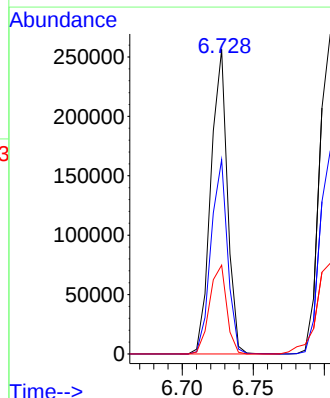
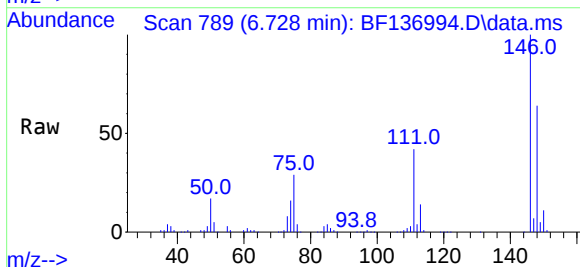
Manual Integrations
APPROVED

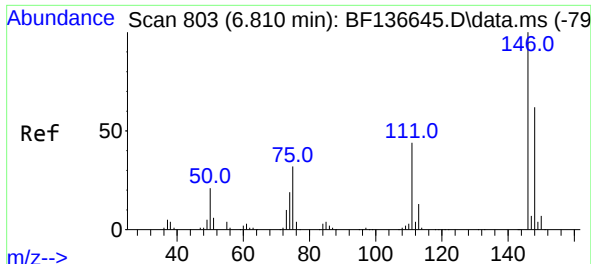
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#12
1,3-Dichlorobenzene
Concen: 36.755 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:146 Resp: 208745
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 29.2 26.2 39.4





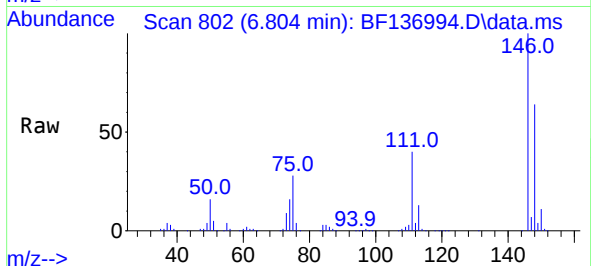
#13
1,4-Dichlorobenzene
Concen: 37.182 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

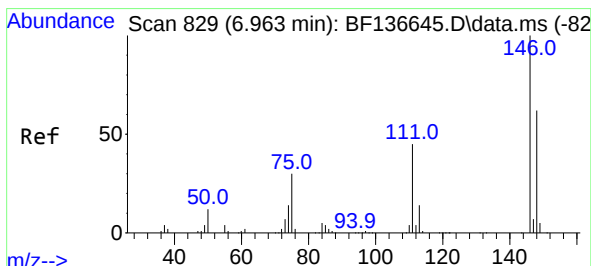
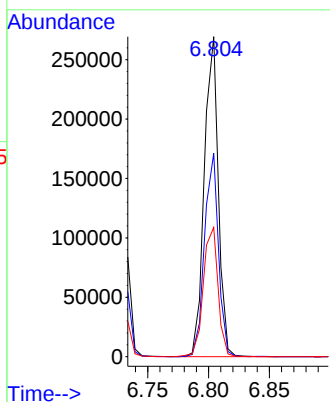
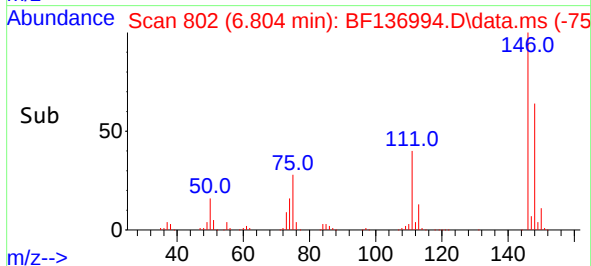


Tgt Ion:146 Resp: 215770
Ion Ratio Lower Upper
146 100
148 63.5 49.2 73.8
111 40.4 35.2 52.8

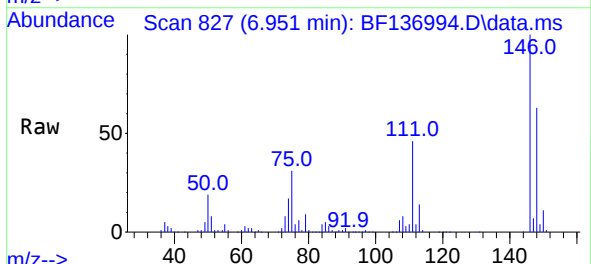
Manual Integrations

APPROVED

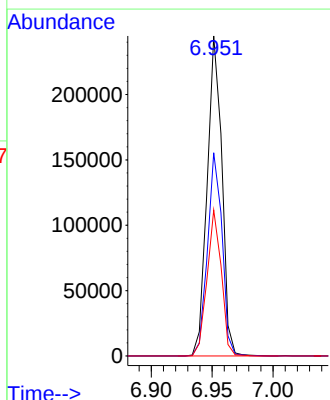
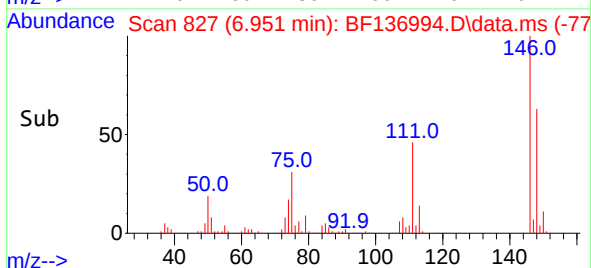
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

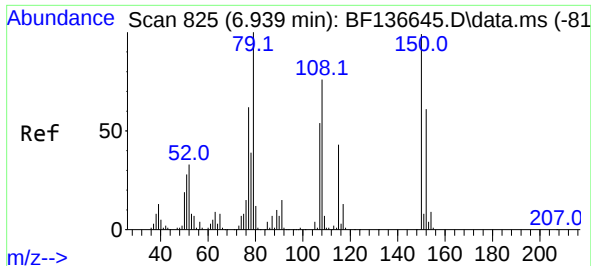


#14
1,2-Dichlorobenzene
Concen: 38.061 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



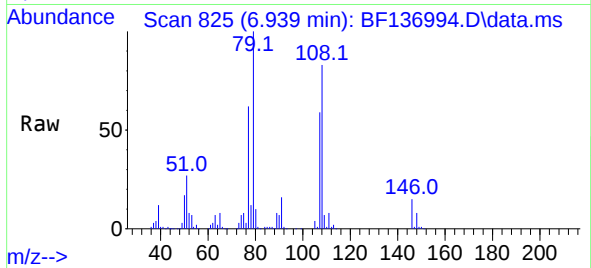
Tgt Ion:146 Resp: 205522
Ion Ratio Lower Upper
146 100
148 63.5 49.6 74.4
111 45.6 36.2 54.2





#15
Benzyl Alcohol
Concen: 38.934 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

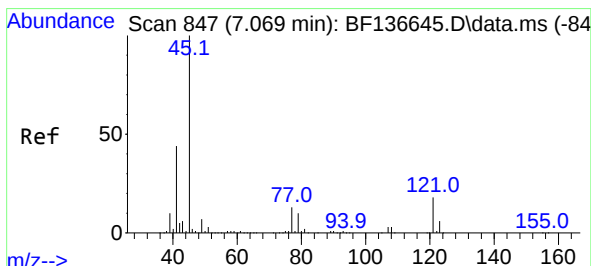
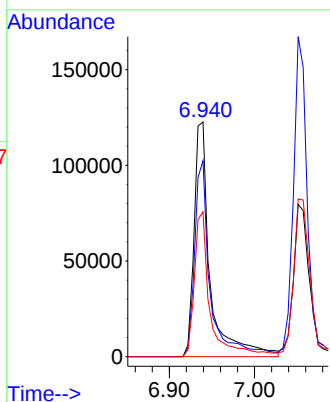
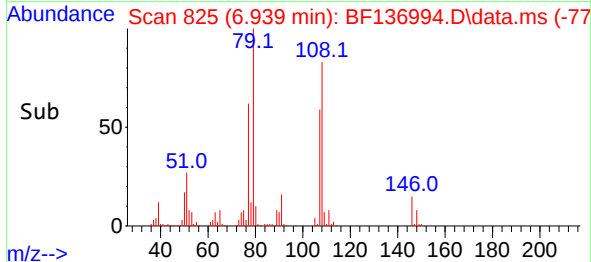
Instrument :
BNA_F
ClientSampleId :
PB158263BS



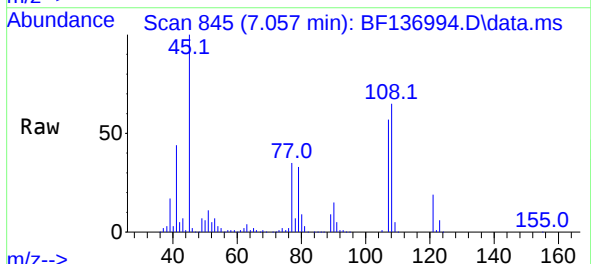
Tgt Ion: 79 Resp: 161910
Ion Ratio Lower Upper
79 100
108 83.5 61.0 91.6
77 61.8 49.8 74.8

Manual Integrations
APPROVED

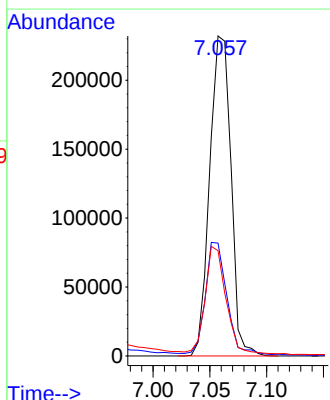
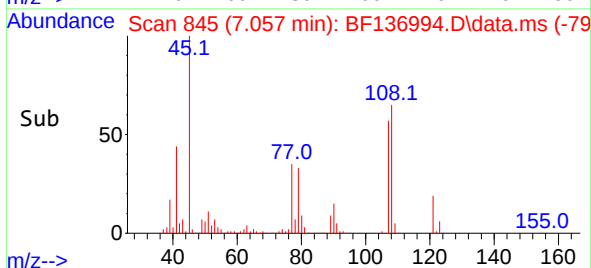
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

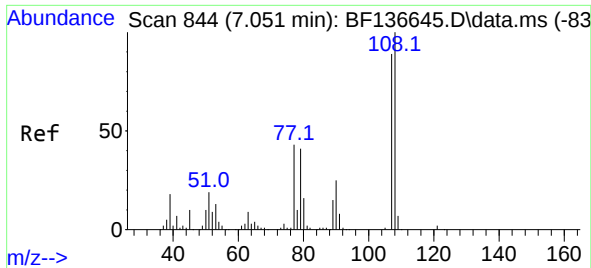


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.948 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion: 45 Resp: 302308
Ion Ratio Lower Upper
45 100
77 35.3 0.0 34.3#
79 32.9 0.0 31.4#





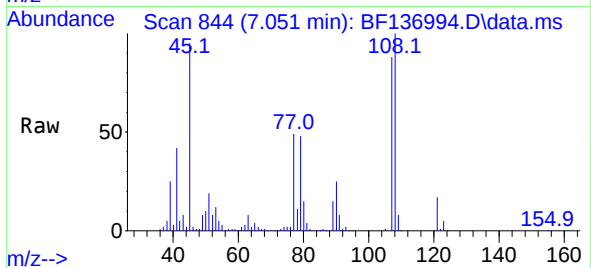
#17
2-Methylphenol
Concen: 39.121 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

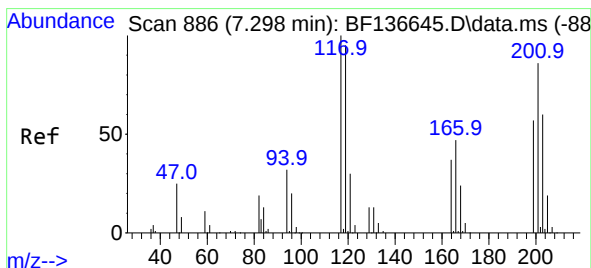
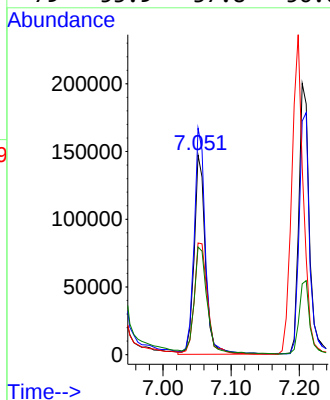
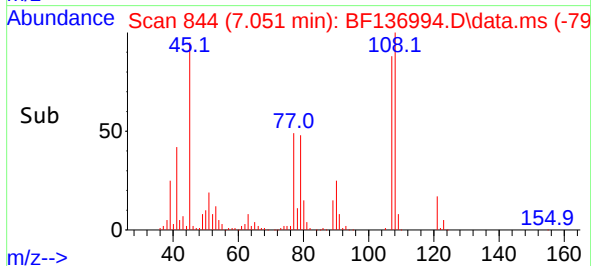


Tgt Ion:107 Resp: 16872
Ion Ratio Lower Upper
107 100
108 113.5 90.3 135.5
77 55.9 38.7 58.1
79 53.9 37.8 56.6

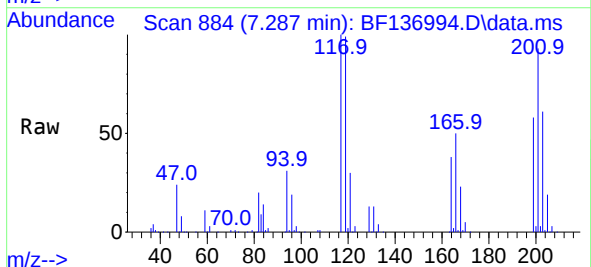
Manual Integrations

APPROVED

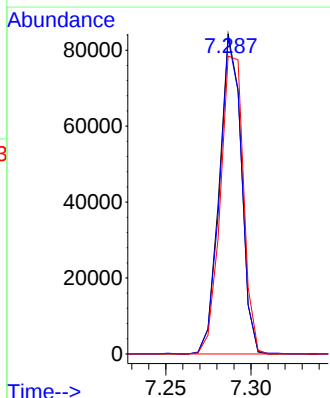
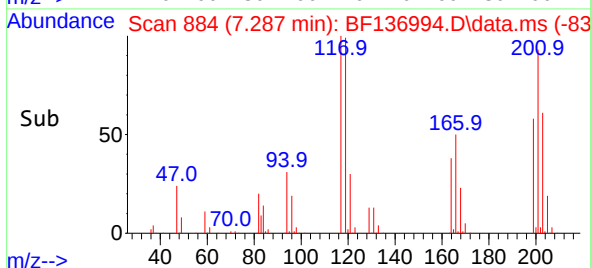
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

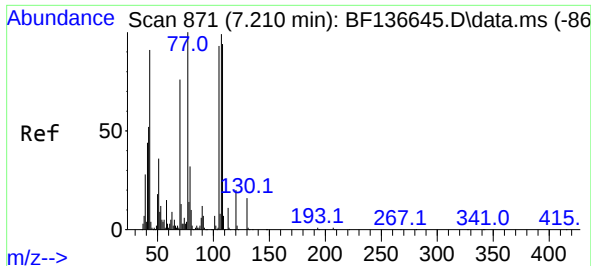


#18
Hexachloroethane
Concen: 35.742 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



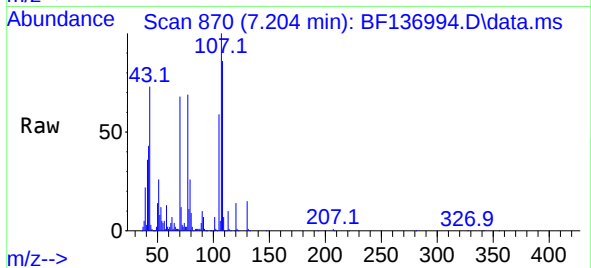
Tgt Ion:117 Resp: 75326
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.6
201 93.1 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.984 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

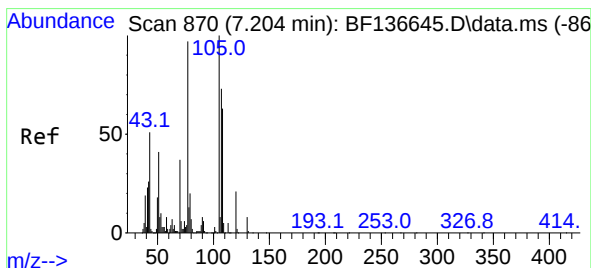
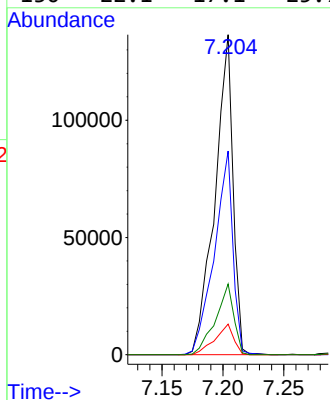
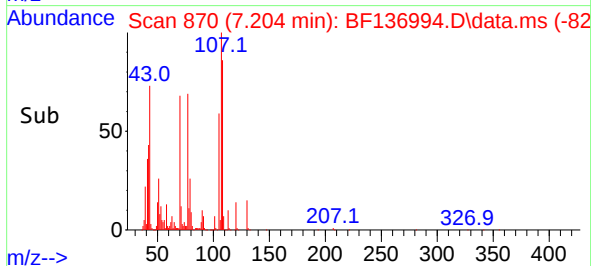
Instrument :
BNA_F
ClientSampleId :
PB158263BS



Tgt Ion: 70 Resp: 141939
Ion Ratio Lower Upper
70 100
42 63.6 54.2 81.4
101 9.5 7.6 11.4
130 22.1 17.1 25.7

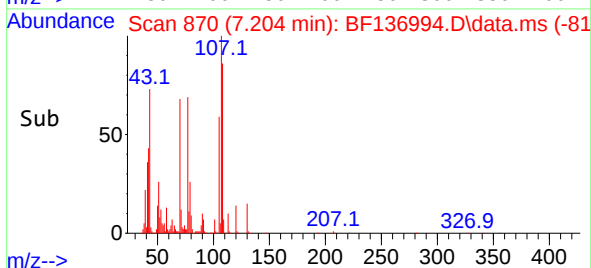
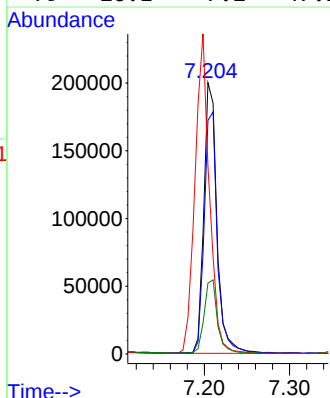
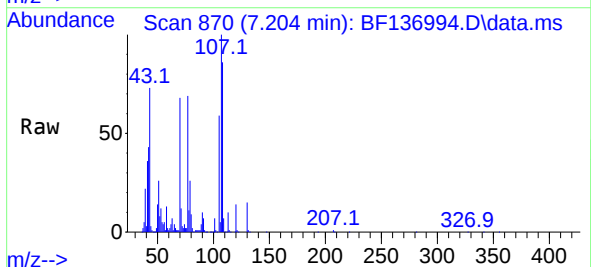
Manual Integrations
APPROVED

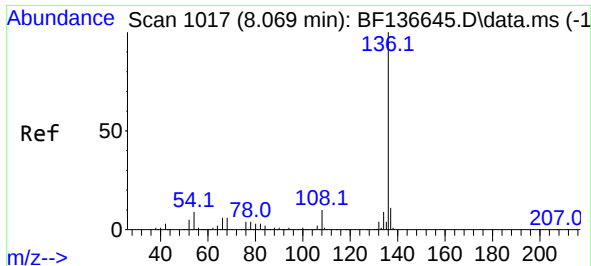
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#20
3+4-Methylphenols
Concen: 39.729 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:107 Resp: 214071
Ion Ratio Lower Upper
107 100
108 86.2 66.0 106.0
77 69.2 114.2 154.2#
79 26.1 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

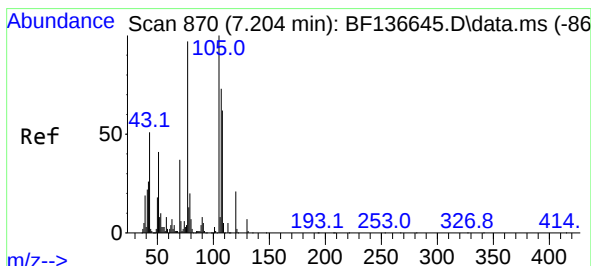
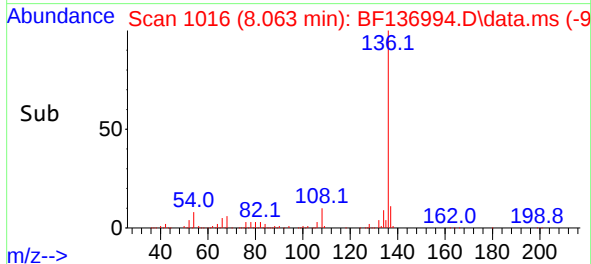
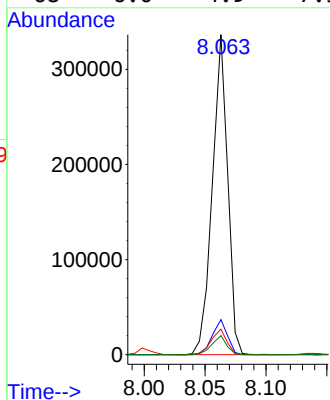
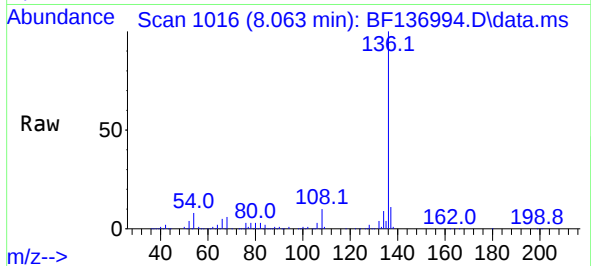
PB158263BS

Tgt Ion:136 Resp: 294729
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.0 7.2 10.8
68 6.0 4.9 7.3

Manual Integrations

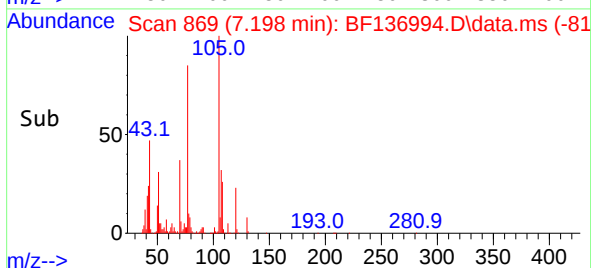
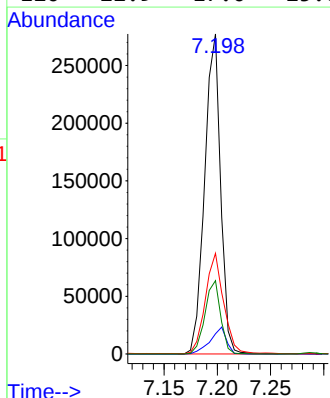
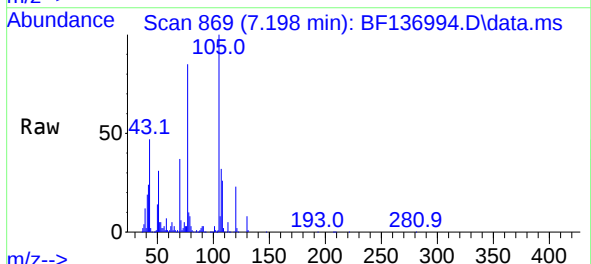
APPROVED

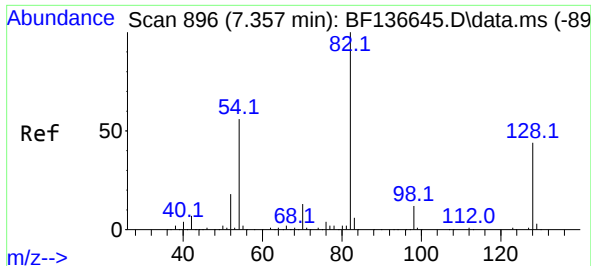
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#22
Acetophenone
Concen: 39.106 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:105 Resp: 288890
Ion Ratio Lower Upper
105 100
71 6.3 4.8 7.2
51 31.4 32.8 49.2#
120 22.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 71.696 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

Tgt Ion: 82 Resp: 412948

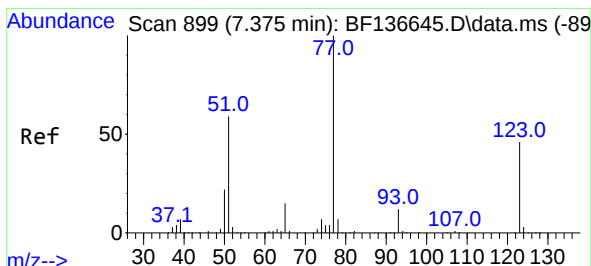
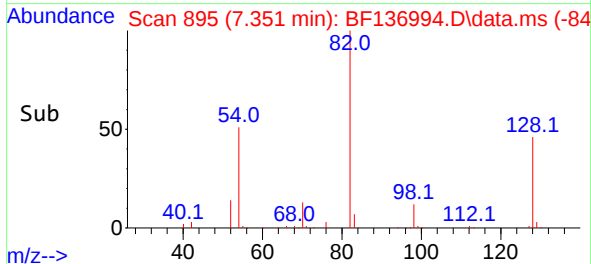
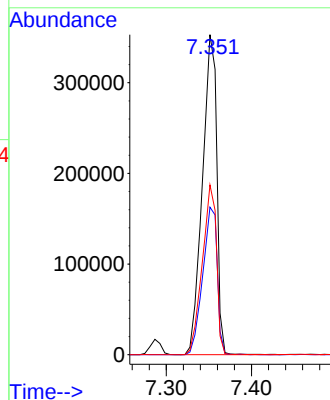
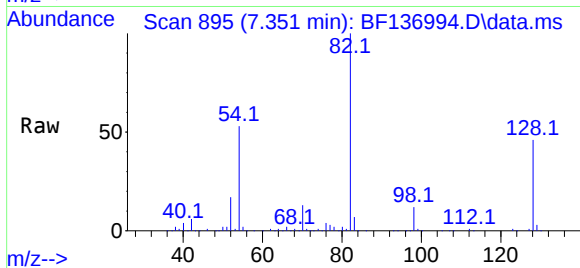
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.3	52.9
54	53.1	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/09/2024

Supervised By :mohammad ahmed 01/09/2024



#24

Nitrobenzene

Concen: 35.944 ng

RT: 7.369 min Scan# 898

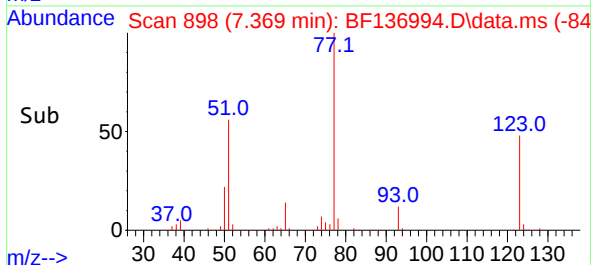
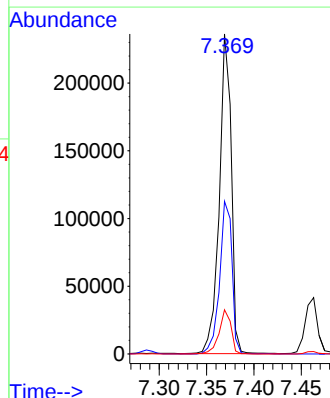
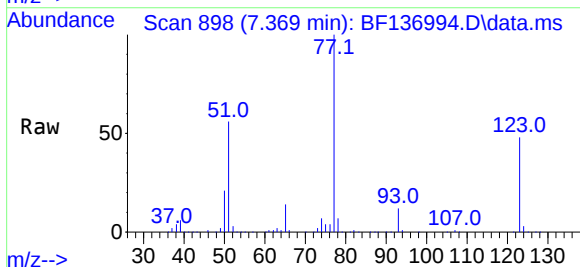
Delta R.T. -0.006 min

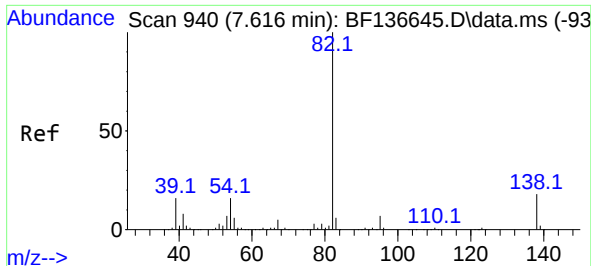
Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Tgt Ion: 77 Resp: 207385

Ion	Ratio	Lower	Upper
77	100		
123	47.7	36.7	55.1
65	13.8	11.8	17.6





#25
Isophorone
Concen: 37.302 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

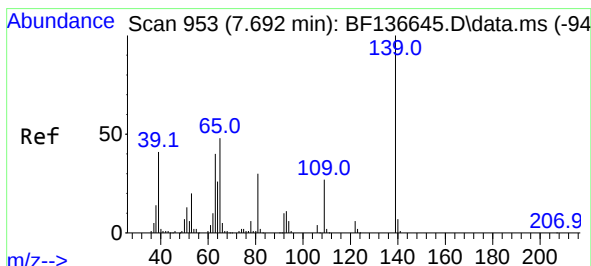
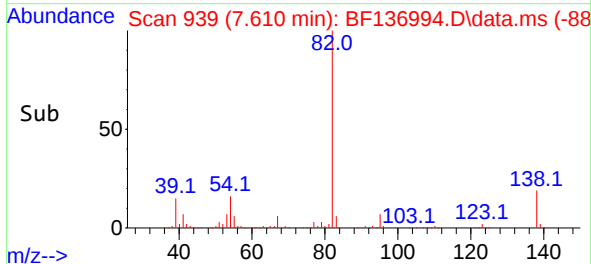
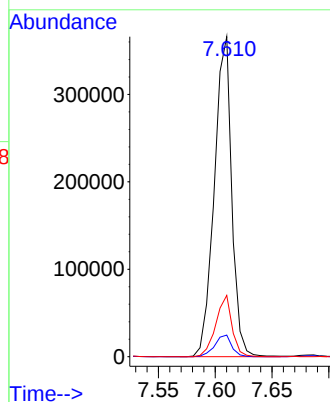
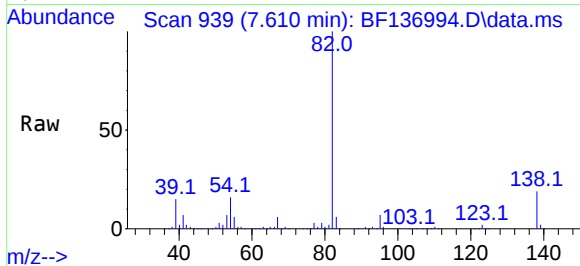
PB158263BS

Tgt Ion: 82 Resp: 390939
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.1 14.5 21.7

Manual Integrations

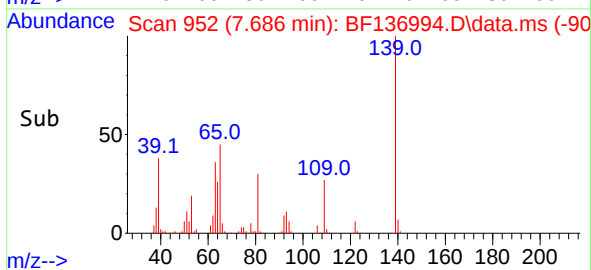
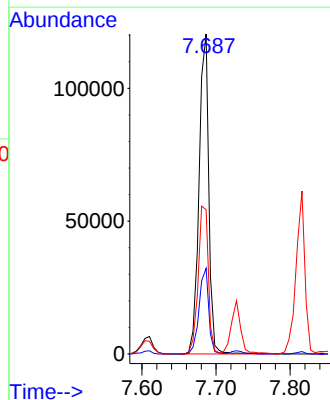
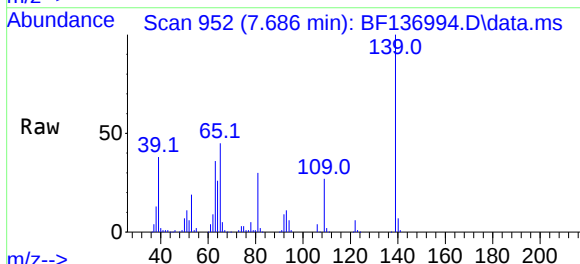
APPROVED

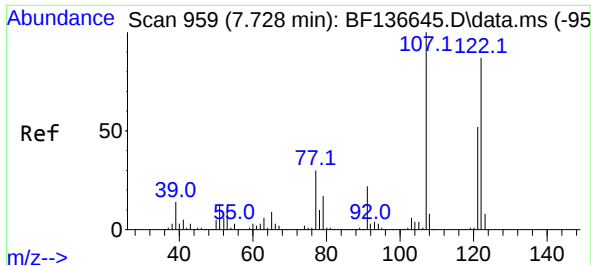
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#26
2-Nitrophenol
Concen: 39.664 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:139 Resp: 109490
Ion Ratio Lower Upper
139 100
109 26.7 21.9 32.9
65 45.0 38.6 58.0





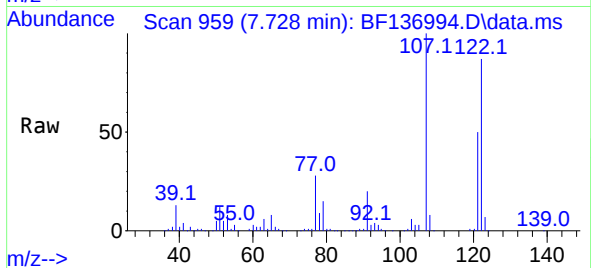
#27
2,4-Dimethylphenol
Concen: 54.560 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

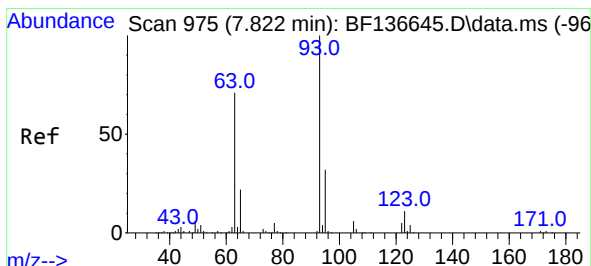
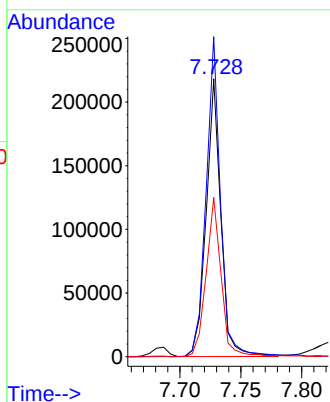
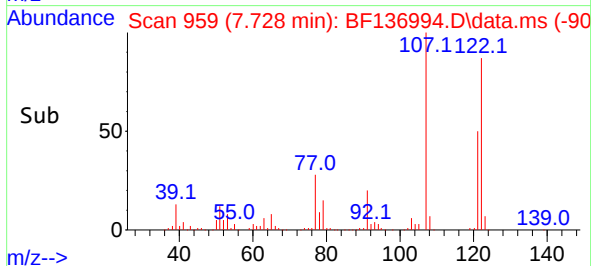


Tgt Ion:122 Resp: 183362
Ion Ratio Lower Upper
122 100
107 115.2 92.0 138.0
121 57.3 47.5 71.3

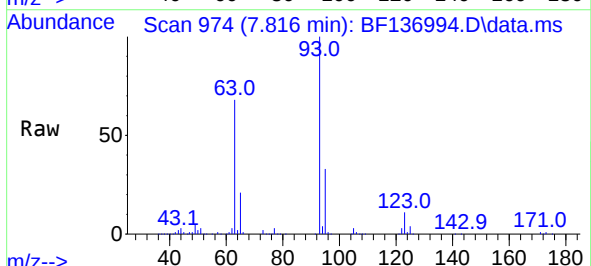
Manual Integrations

APPROVED

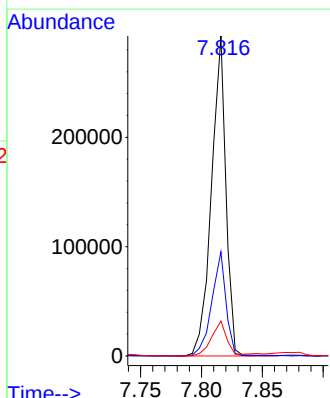
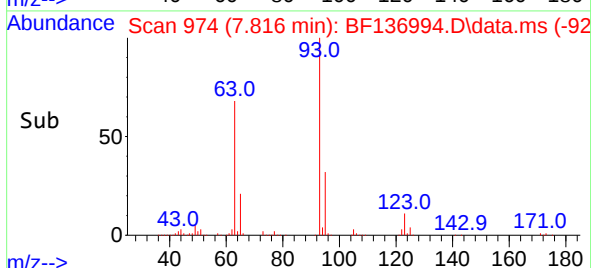
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

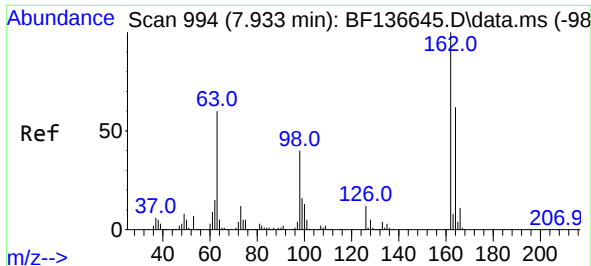


#28
bis(2-Chloroethoxy)methane
Concen: 38.103 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion: 93 Resp: 242732
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 10.9 9.2 13.8





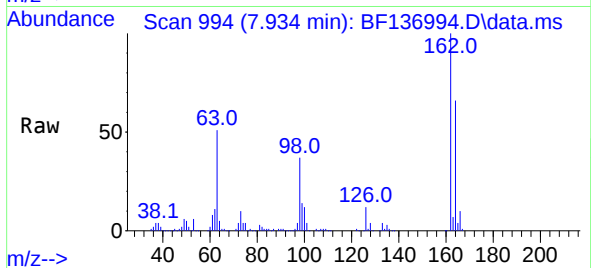
#29
2,4-Dichlorophenol
Concen: 39.100 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

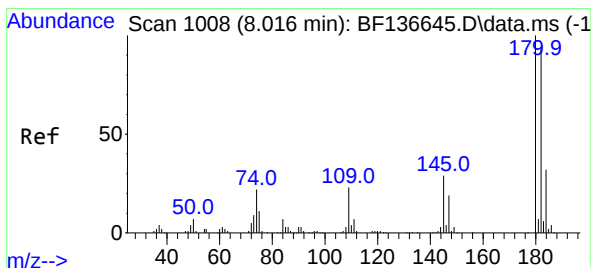
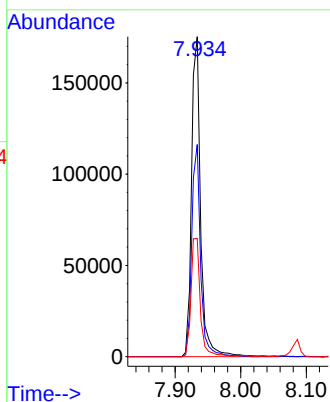
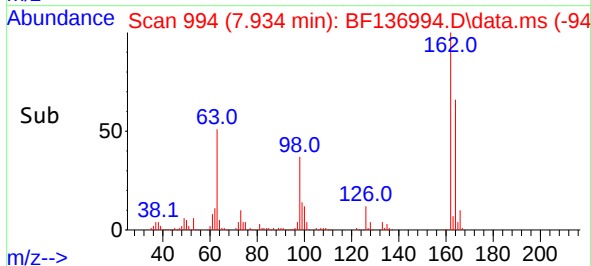


Tgt Ion:162 Resp: 16917
Ion Ratio Lower Upper
162 100
164 66.3 41.7 81.7
98 37.0 19.5 59.5

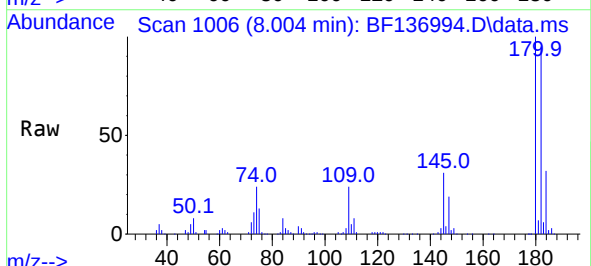
Manual Integrations

APPROVED

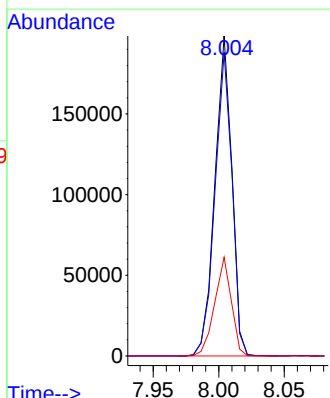
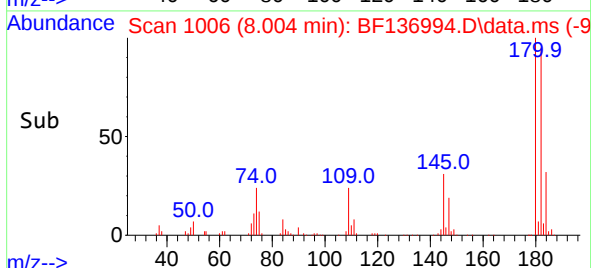
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

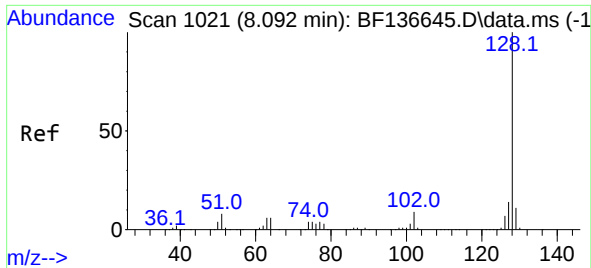


#30
1,2,4-Trichlorobenzene
Concen: 37.029 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:180 Resp: 178504
Ion Ratio Lower Upper
180 100
182 94.9 75.4 113.0
145 30.9 23.1 34.7





#31
Naphthalene
Concen: 37.195 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

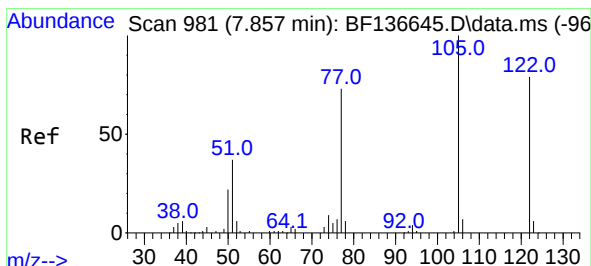
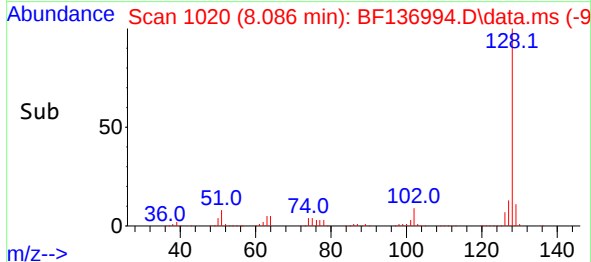
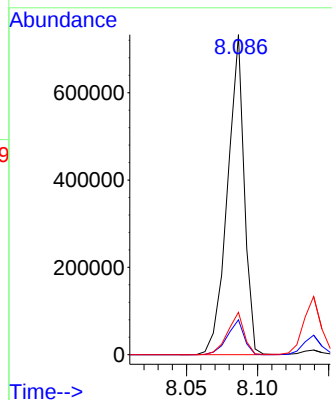
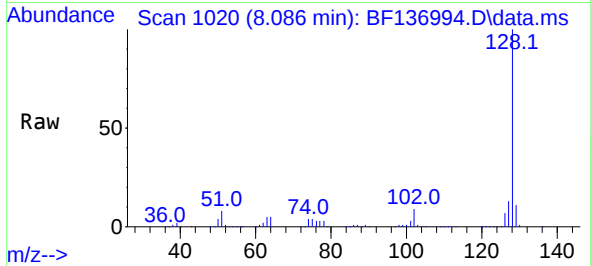
ClientSampleId :

PB158263BS

Tgt Ion:128 Resp: 60225
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.8 16.2

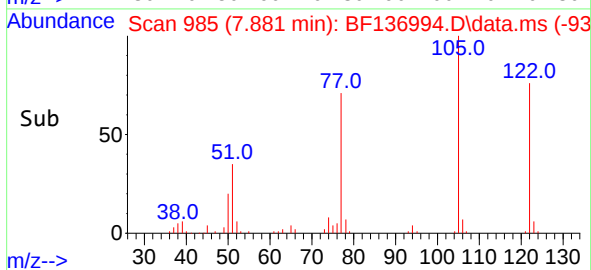
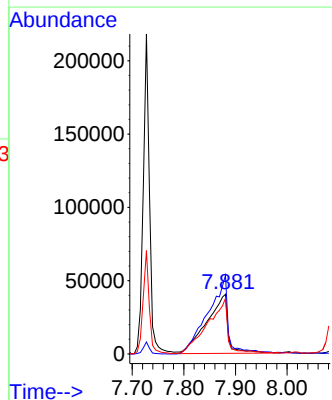
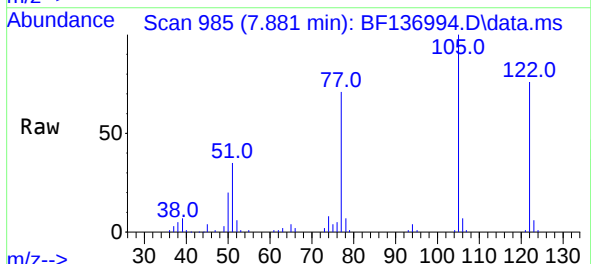
Manual Integrations
APPROVED

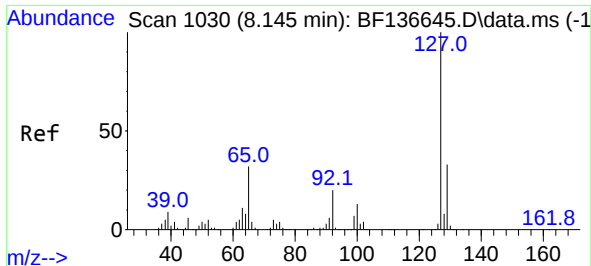
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#32
Benzoic acid
Concen: 35.818 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:122 Resp: 116471
Ion Ratio Lower Upper
122 100
105 131.5 100.8 140.8
77 93.4 70.9 110.9





#33
4-Chloroaniline
Concen: 21.362 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

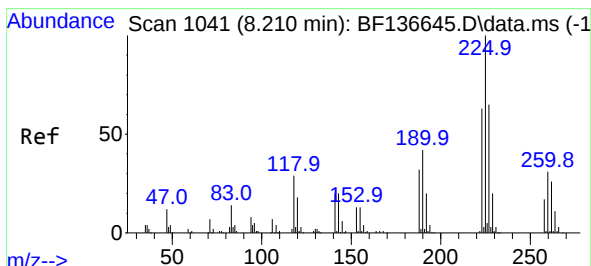
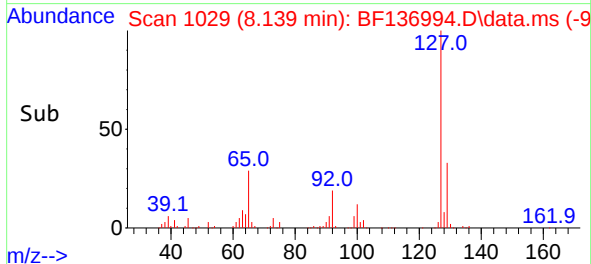
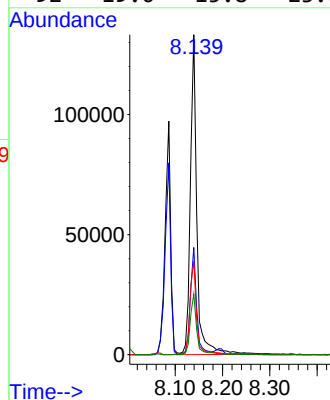
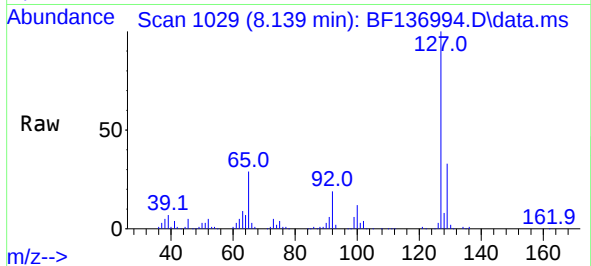
ClientSampleId :

PB158263BS

Tgt Ion:127 Resp: 12770
Ion Ratio Lower Upper
127 100
129 33.5 26.3 39.5
65 29.3 25.8 38.8
92 19.0 15.8 23.6

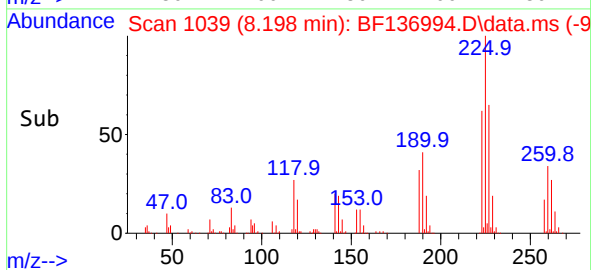
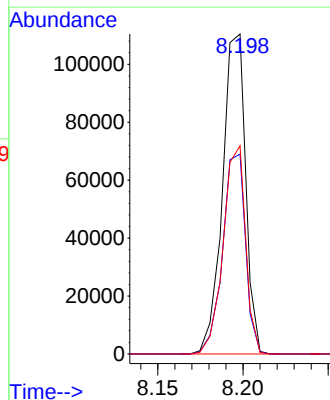
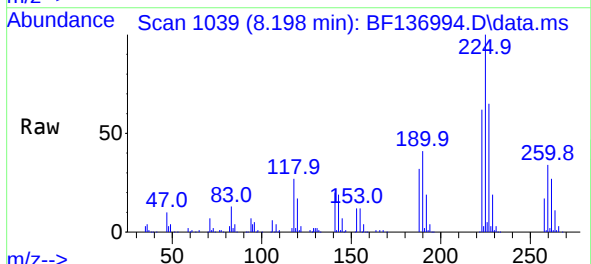
Manual Integrations
APPROVED

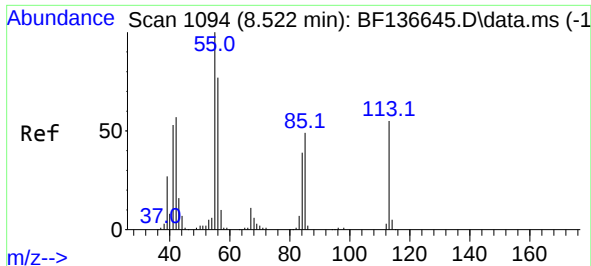
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#34
Hexachlorobutadiene
Concen: 35.577 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:225 Resp: 104201
Ion Ratio Lower Upper
225 100
223 62.5 50.6 76.0
227 65.1 51.9 77.9





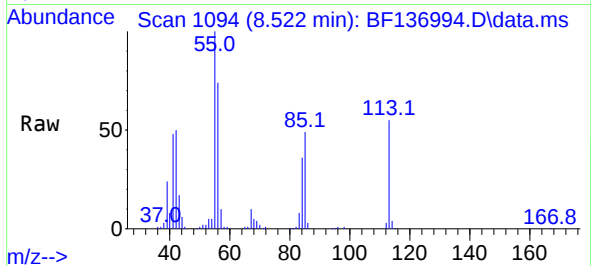
#35
Caprolactam
Concen: 40.471 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

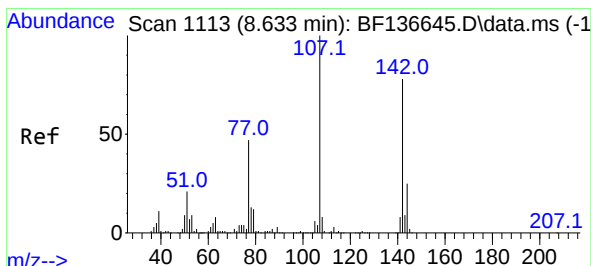
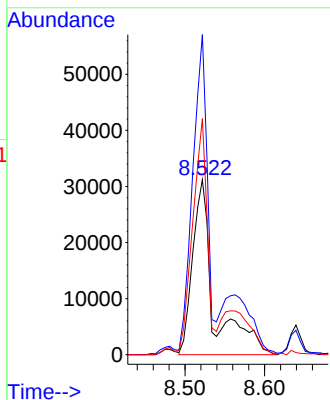
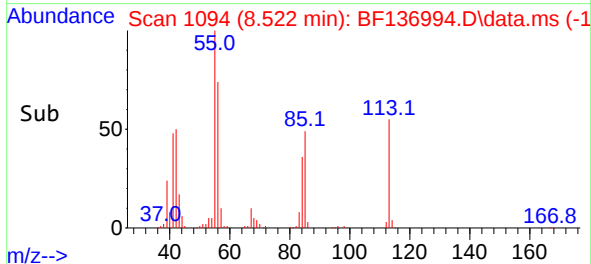


Tgt Ion:113 Resp: 57760
Ion Ratio Lower Upper
113 100
55 182.9 163.1 203.1
56 134.9 121.7 161.7

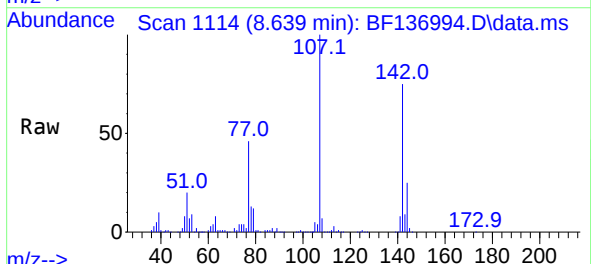
Manual Integrations

APPROVED

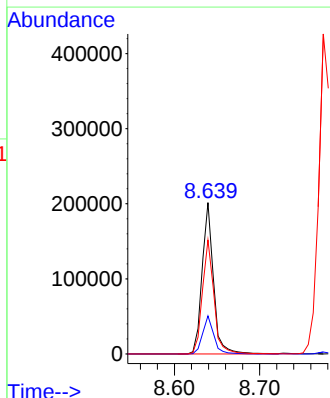
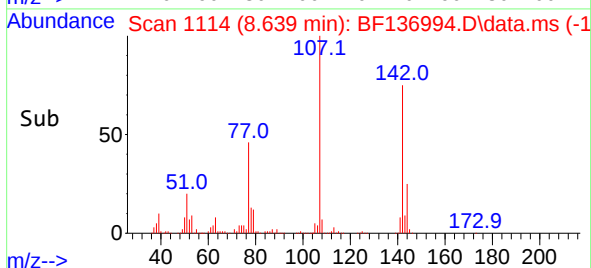
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

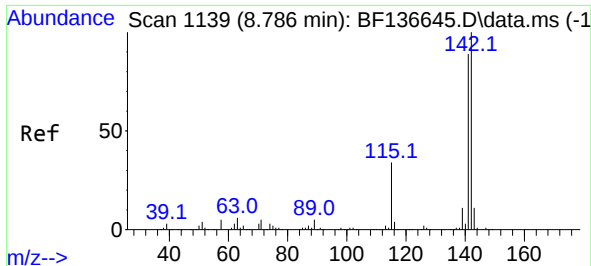


#36
4-Chloro-3-methylphenol
Concen: 38.366 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:107 Resp: 186876
Ion Ratio Lower Upper
107 100
144 25.1 20.2 30.2
142 75.2 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.334 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

Tgt Ion:142 Resp: 389034

Ion Ratio Lower Upper

142 100

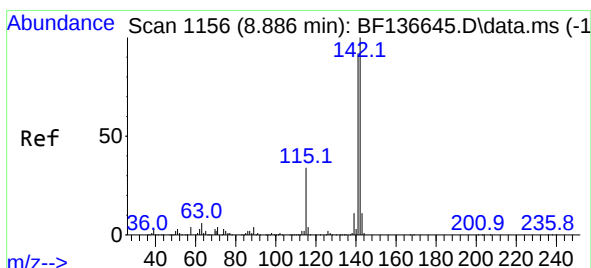
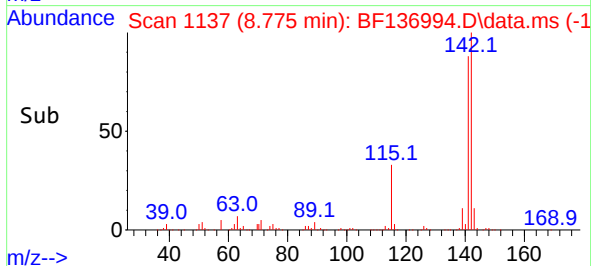
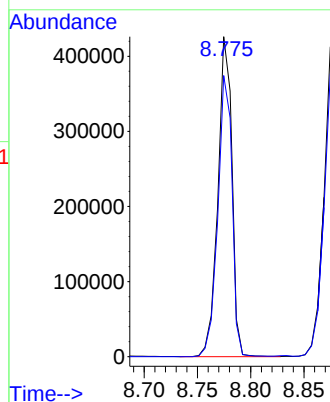
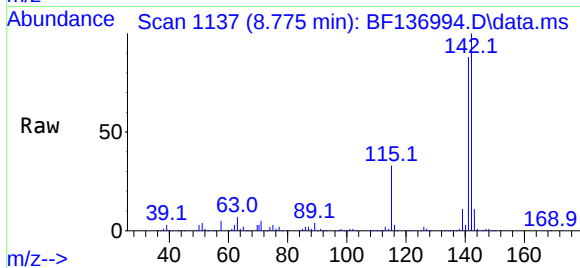
141 87.8 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/09/2024

Supervised By :mohammad ahmed 01/09/2024



#38

1-Methylnaphthalene

Concen: 35.851 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136994.D

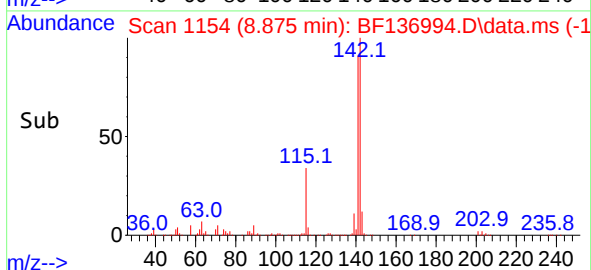
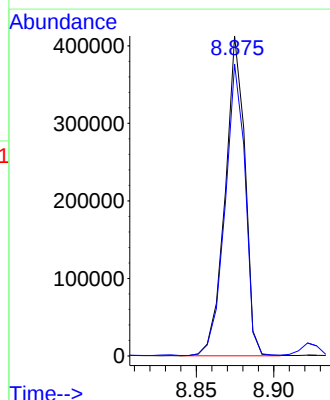
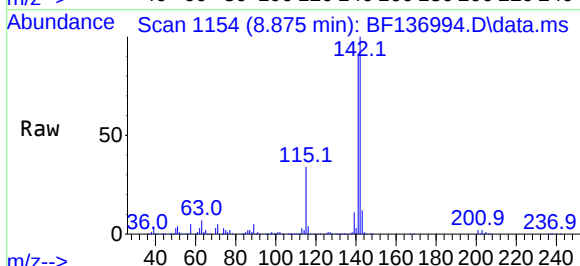
Acq: 08 Jan 2024 13:12

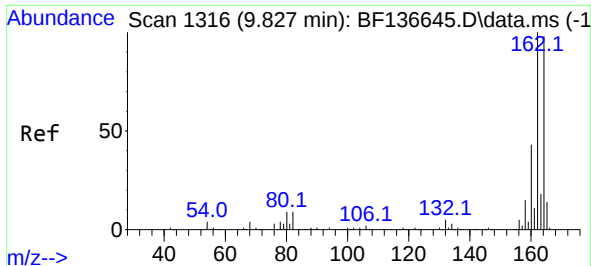
Tgt Ion:142 Resp: 366519

Ion Ratio Lower Upper

142 100

141 91.3 73.6 110.4





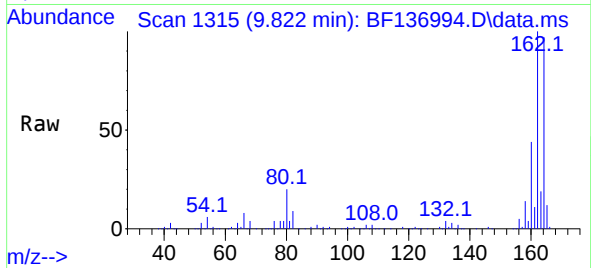
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS



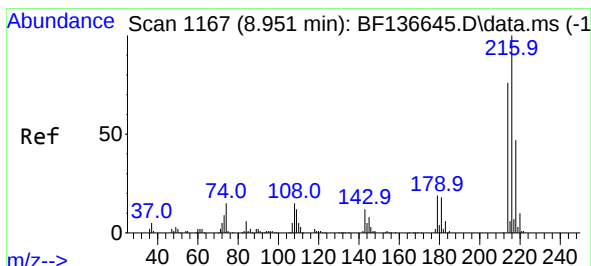
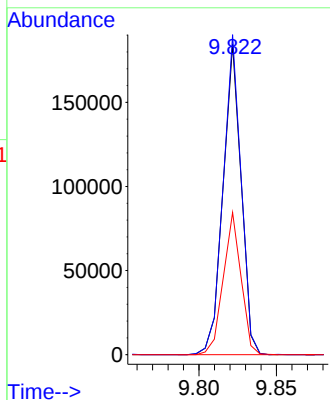
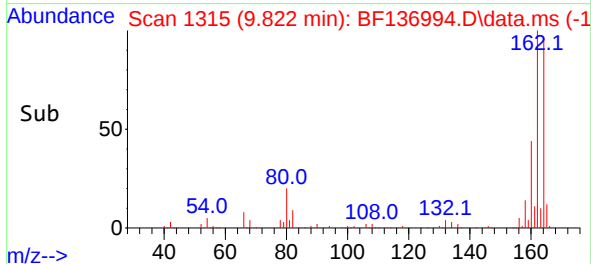
Tgt Ion:164 Resp: 150099
Ion Ratio Lower Upper
164 100
162 103.1 81.6 122.4
160 45.8 34.9 52.3

Manual Integrations

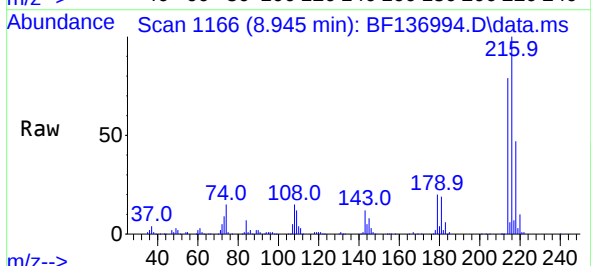
APPROVED

Reviewed By :Yogesh Patel 01/09/2024

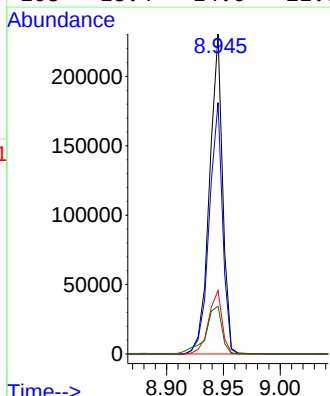
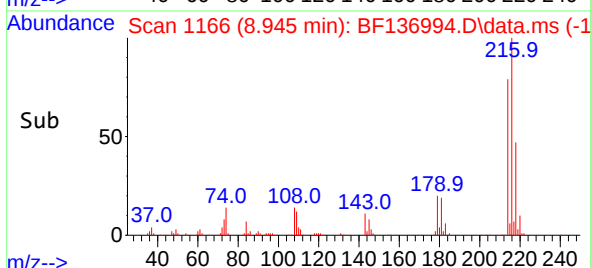
Supervised By :mohammad ahmed 01/09/2024

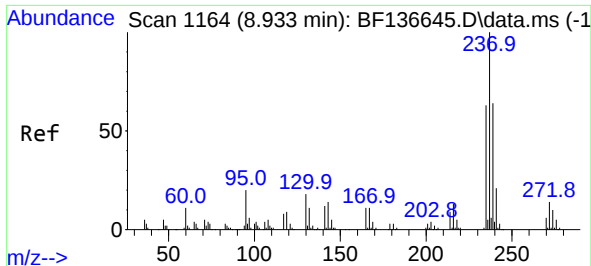


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.798 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:216 Resp: 185001
Ion Ratio Lower Upper
216 100
214 80.0 62.3 93.5
179 20.2 16.4 24.6
108 18.4 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 79.476 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

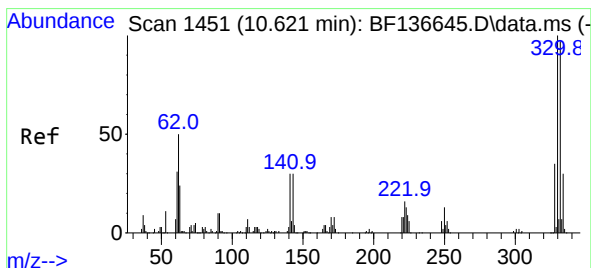
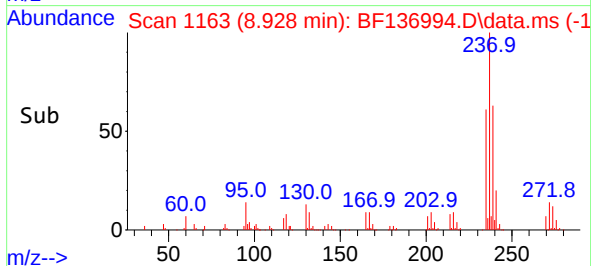
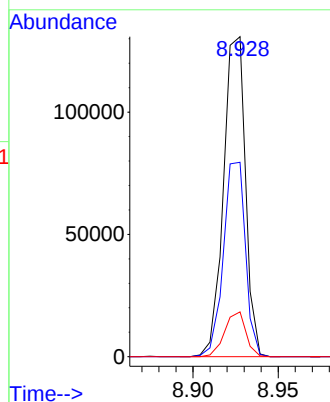
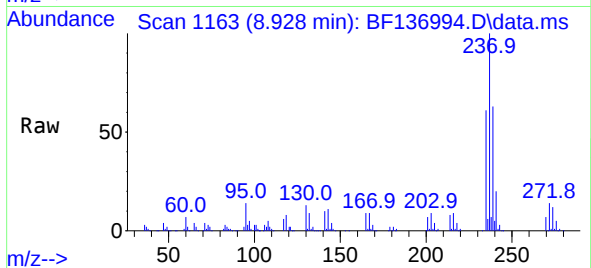
PB158263BS

Tgt Ion:237 Resp: 117749
Ion Ratio Lower Upper
237 100
235 60.8 43.2 83.2
272 14.0 0.0 34.2

Manual Integrations

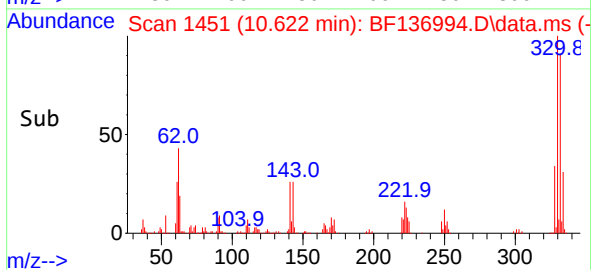
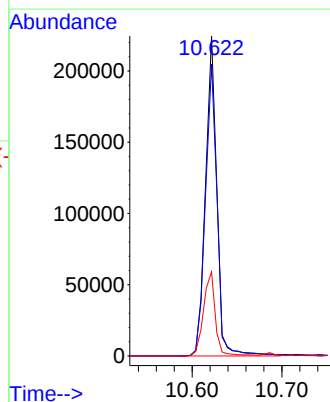
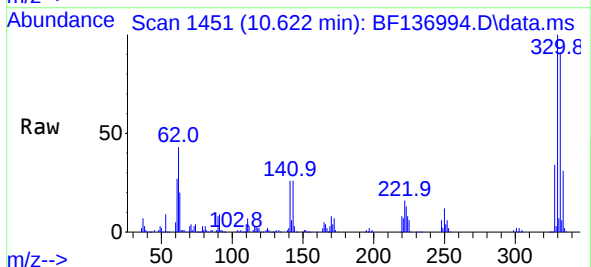
APPROVED

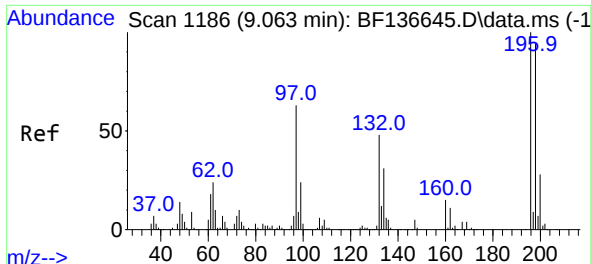
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#42
2,4,6-Tribromophenol
Concen: 111.865 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:330 Resp: 197750
Ion Ratio Lower Upper
330 100
332 94.3 77.4 116.0
141 27.5 23.4 35.2





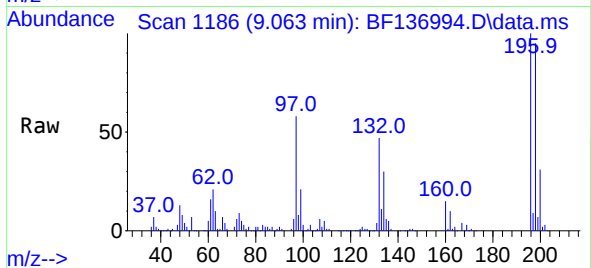
#43
2,4,6-Trichlorophenol
Concen: 39.329 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

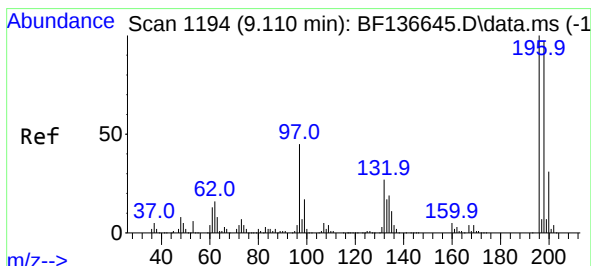
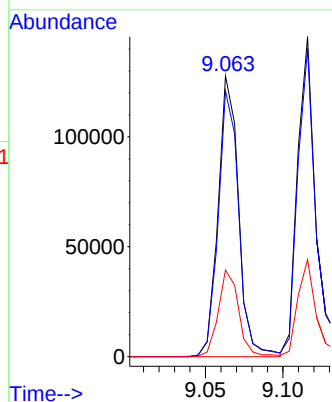


Tgt Ion:196 Resp: 117245
Ion Ratio Lower Upper
196 100
198 94.6 75.1 112.7
200 30.9 22.5 33.7

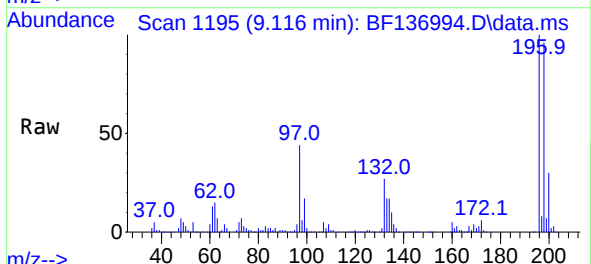
Manual Integrations

APPROVED

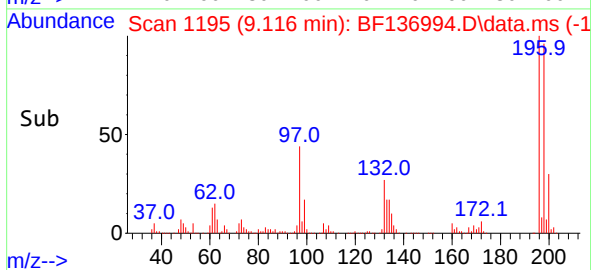
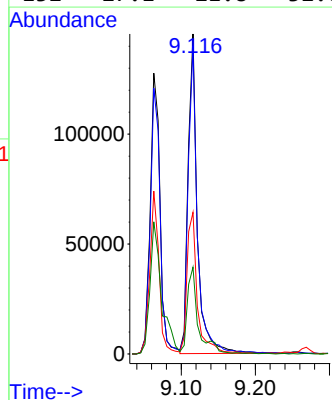
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

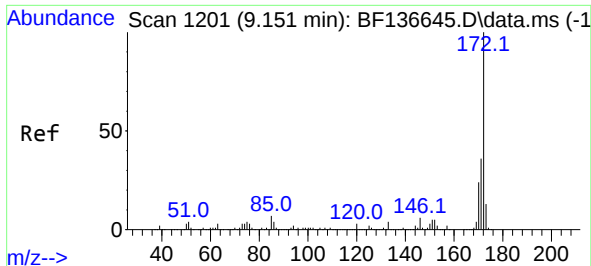


#44
2,4,5-Trichlorophenol
Concen: 38.216 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:196 Resp: 126958
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.6
97 44.2 36.1 54.1
132 27.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 75.105 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

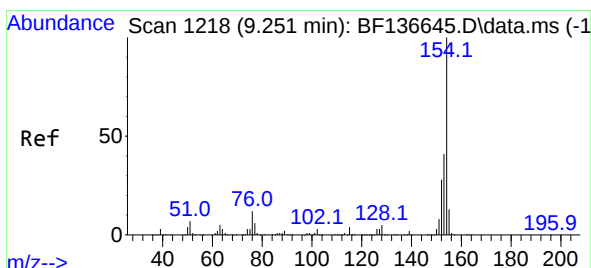
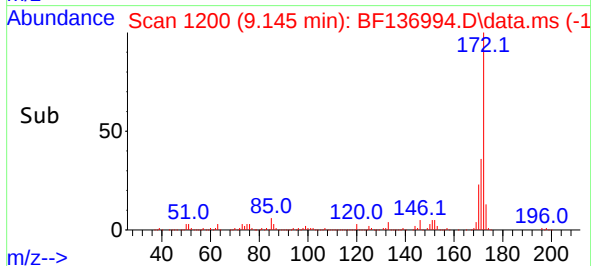
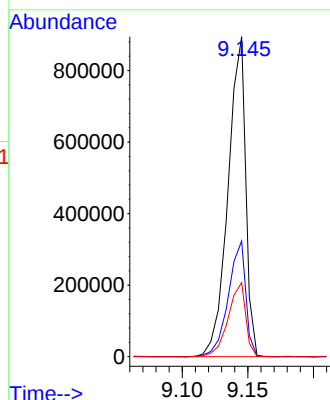
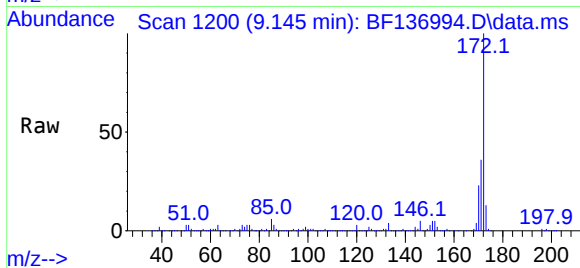
Tgt Ion:172 Resp: 838168
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 23.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/09/2024

Supervised By :mohammad ahmed 01/09/2024



#46

1,1'-Biphenyl

Concen: 39.398 ng

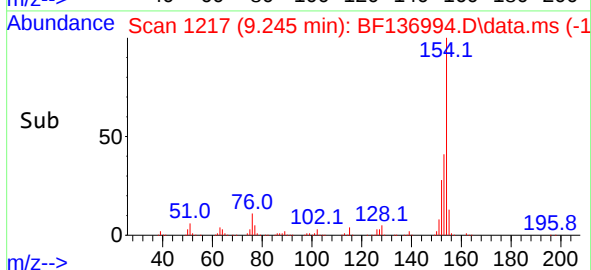
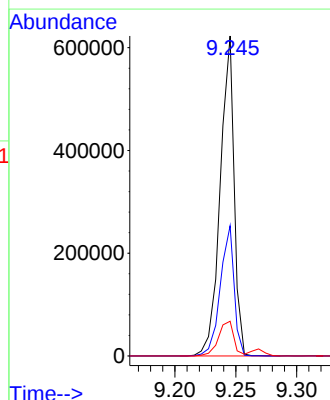
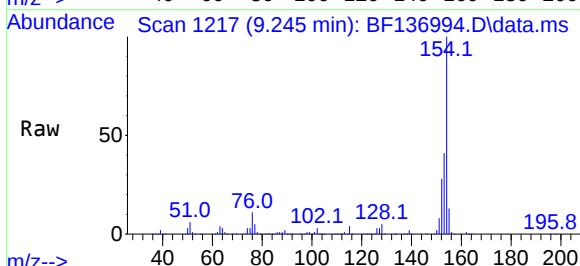
RT: 9.245 min Scan# 1217

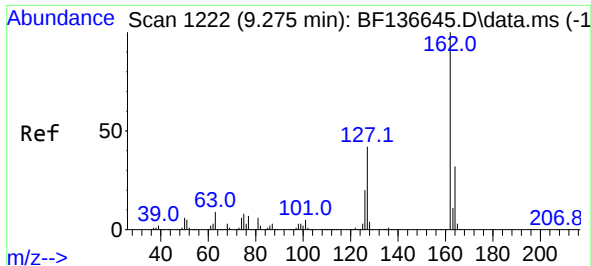
Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Tgt Ion:154 Resp: 496239
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.1 61.1
 76 10.9 0.0 31.7





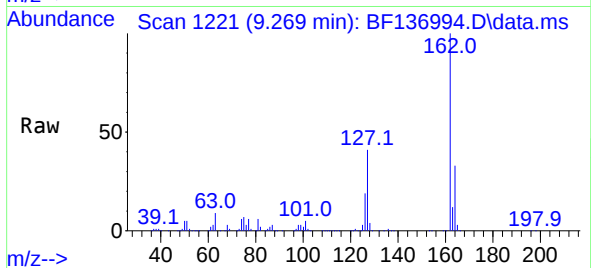
#47
2-Chloronaphthalene
Concen: 38.135 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

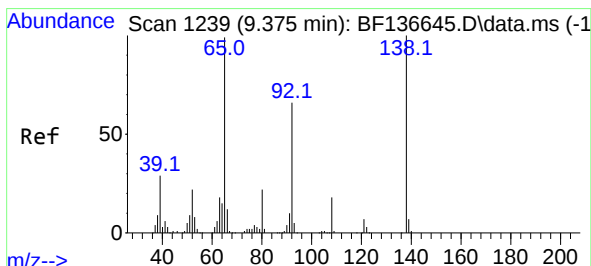
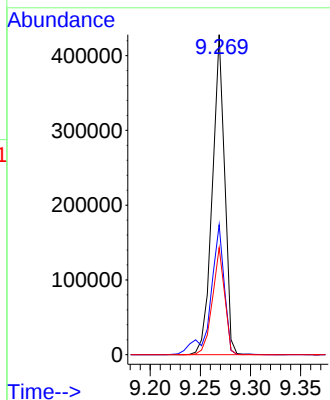
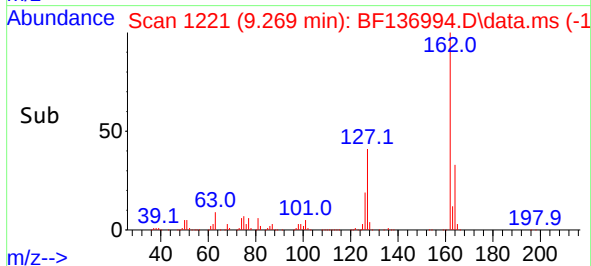


Tgt Ion:162 Resp: 365158
Ion Ratio Lower Upper
162 100
127 40.6 33.6 50.4
164 33.4 25.7 38.5

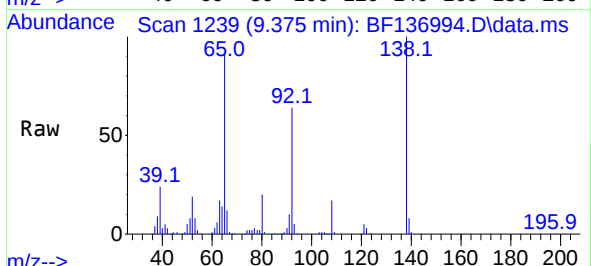
Manual Integrations

APPROVED

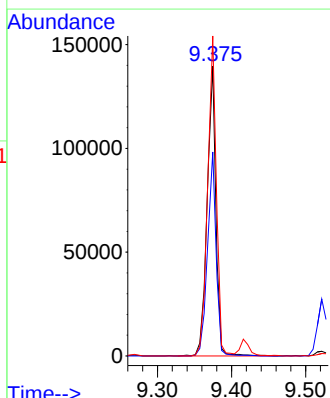
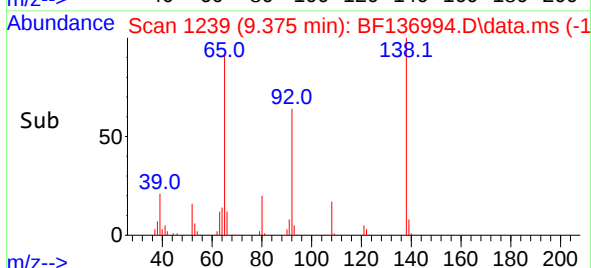
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

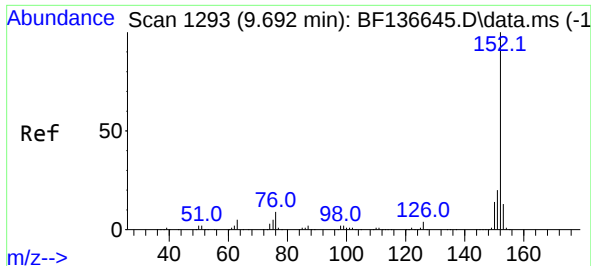


#48
2-Nitroaniline
Concen: 38.427 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion: 65 Resp: 115225
Ion Ratio Lower Upper
65 100
92 70.4 53.2 79.8
138 110.4 81.1 121.7





#49

Acenaphthylene

Concen: 39.928 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

Tgt Ion:152 Resp: 584378

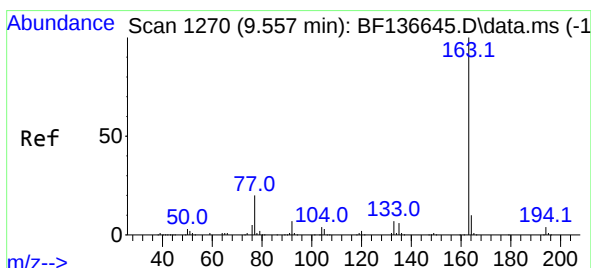
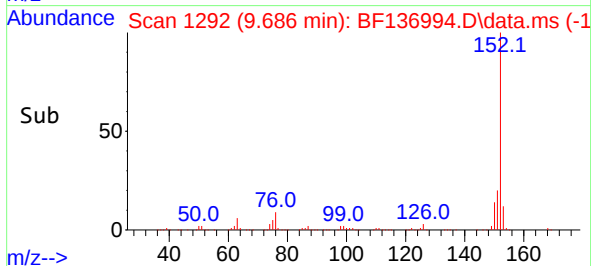
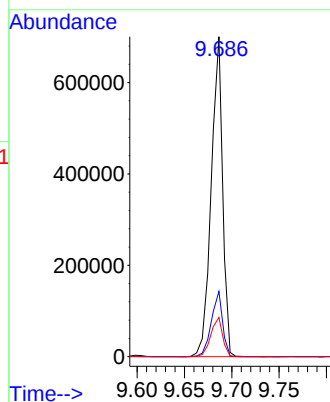
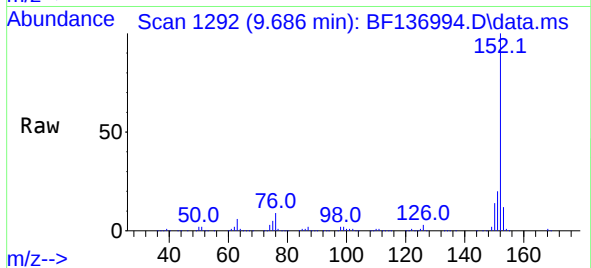
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	12.2	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/09/2024

Supervised By :mohammad ahmed 01/09/2024



#50

Dimethylphthalate

Concen: 39.959 ng

RT: 9.551 min Scan# 1269

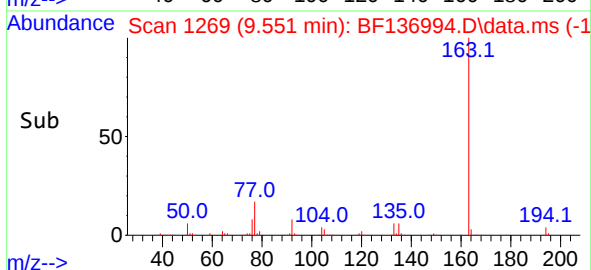
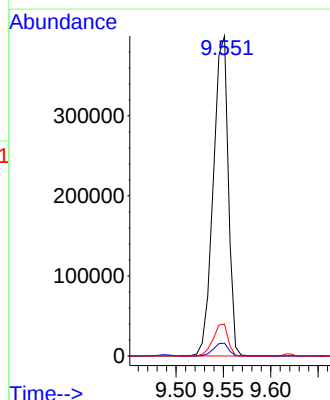
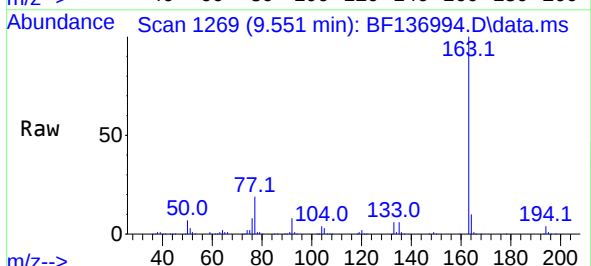
Delta R.T. -0.006 min

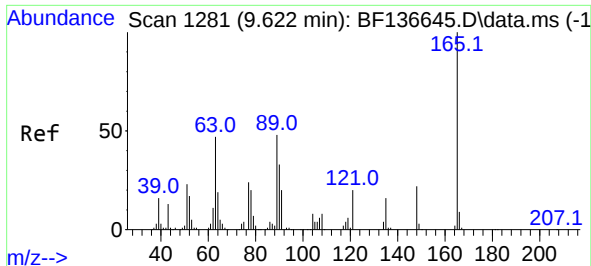
Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Tgt Ion:163 Resp: 438091

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 38.885 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

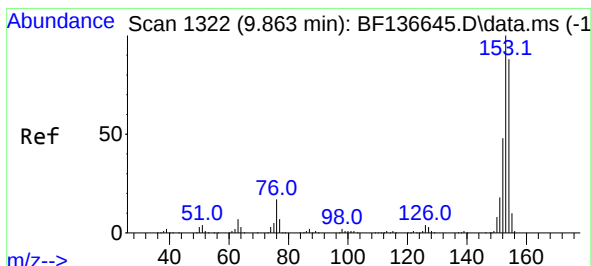
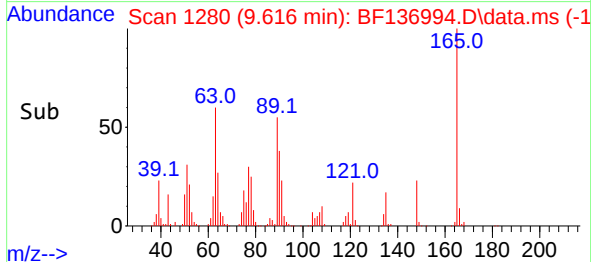
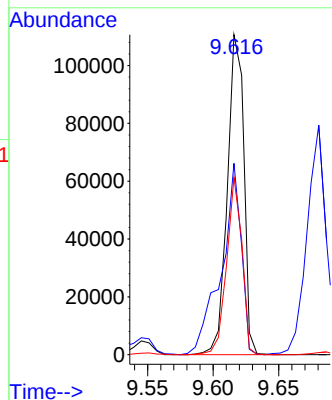
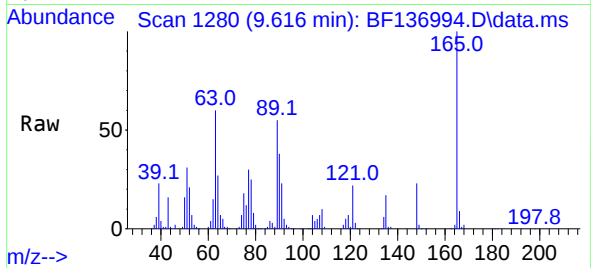
PB158263BS

Tgt Ion:165 Resp: 96754
Ion Ratio Lower Upper
165 100
63 59.8 39.8 59.6
89 55.5 38.8 58.2

Manual Integrations

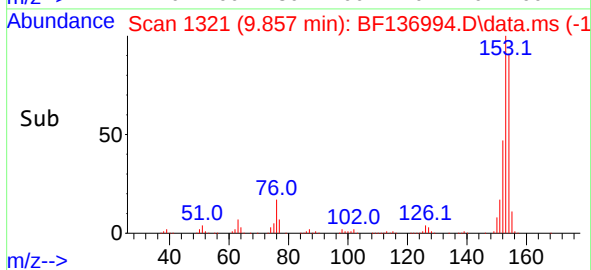
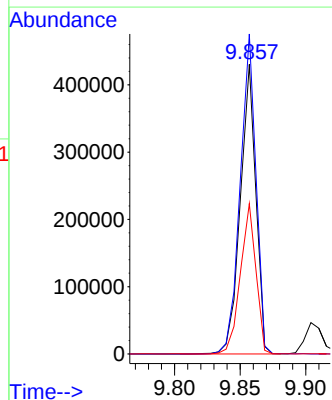
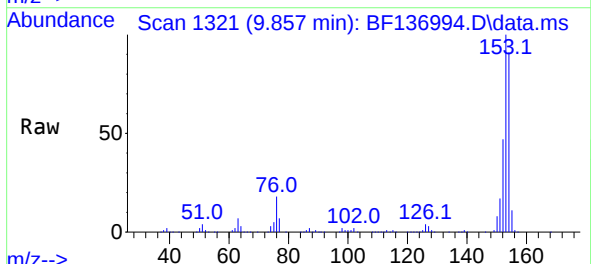
APPROVED

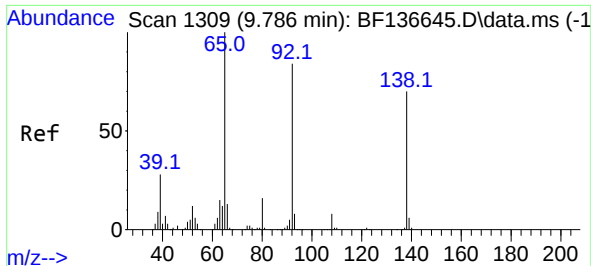
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#52
Acenaphthene
Concen: 39.341 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:154 Resp: 356921
Ion Ratio Lower Upper
154 100
153 110.5 90.7 136.1
152 51.9 43.7 65.5





#53
3-Nitroaniline
Concen: 29.400 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

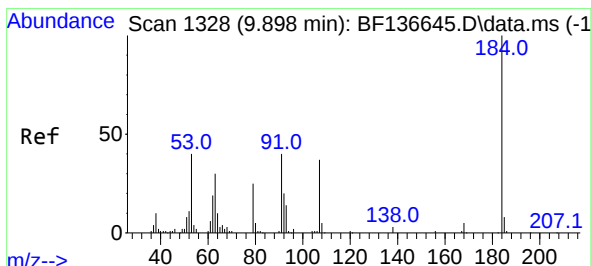
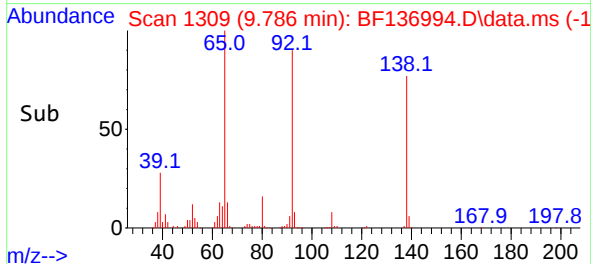
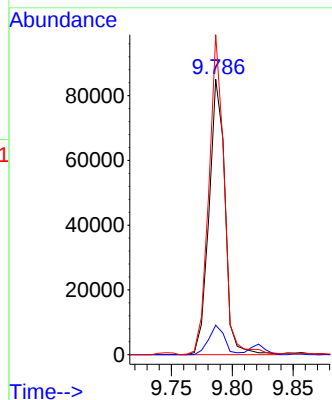
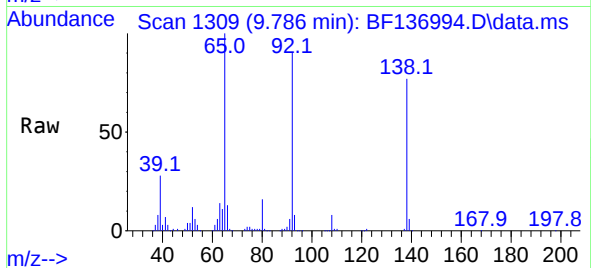
PB158263BS

Tgt Ion:138 Resp: 7749
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 116.2 95.2 142.8

Manual Integrations

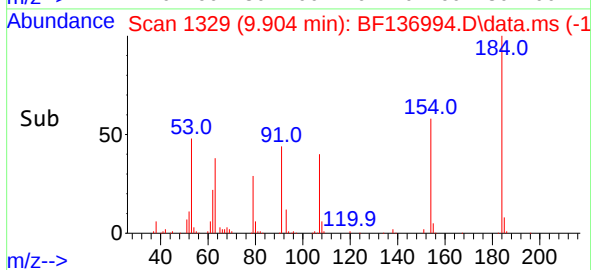
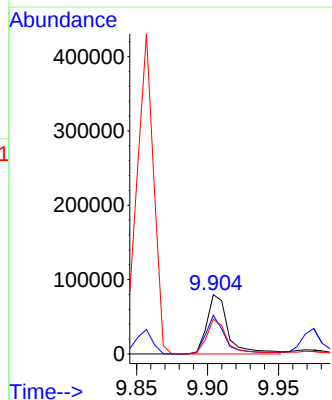
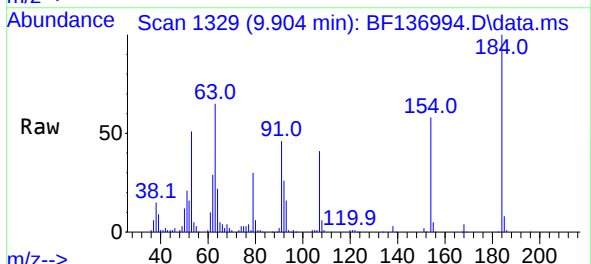
APPROVED

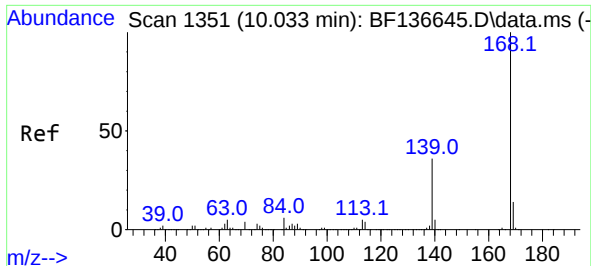
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#54
2,4-Dinitrophenol
Concen: 61.217 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:184 Resp: 83151
Ion Ratio Lower Upper
184 100
63 65.0 40.9 61.3#
154 58.5 42.7 64.1





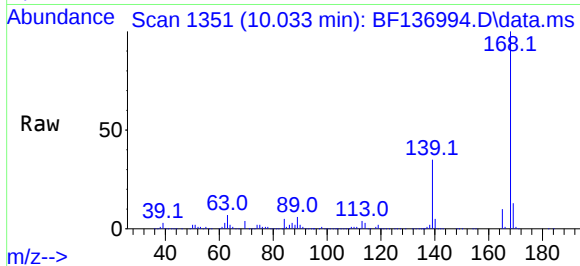
#55
Dibenzenofuran
Concen: 38.316 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

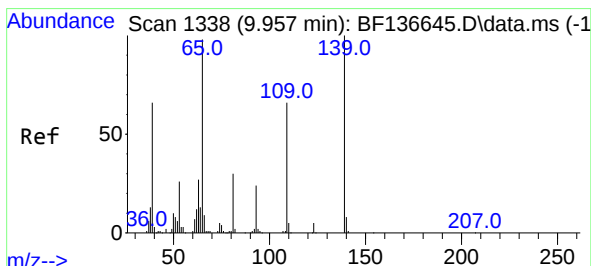
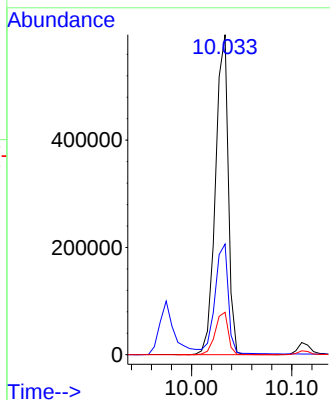
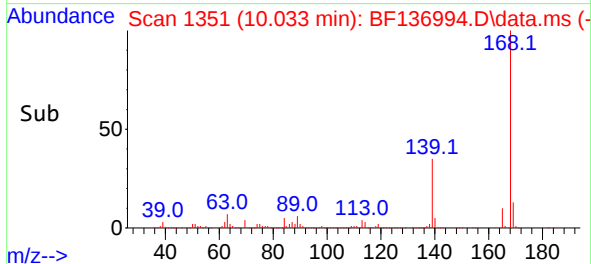


Tgt Ion:168 Resp: 52694
Ion Ratio Lower Upper
168 100
139 34.6 29.3 43.9
169 13.2 11.0 16.4

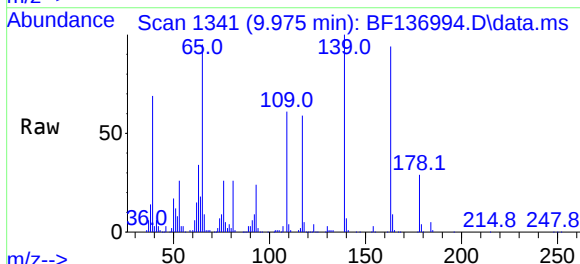
Manual Integrations

APPROVED

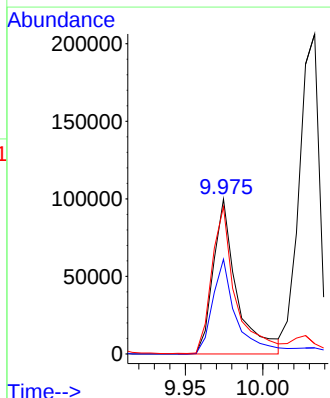
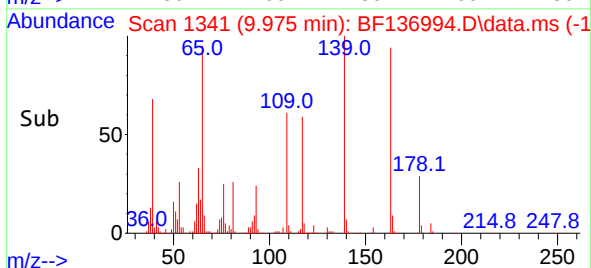
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

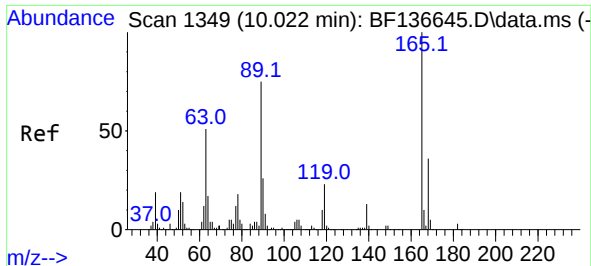


#56
4-Nitrophenol
Concen: 59.527 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:139 Resp: 105918
Ion Ratio Lower Upper
139 100
109 61.2 45.8 85.8
65 95.2 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 37.235 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

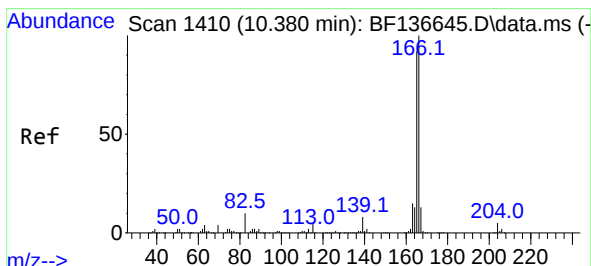
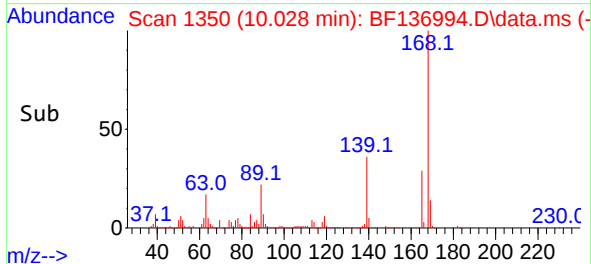
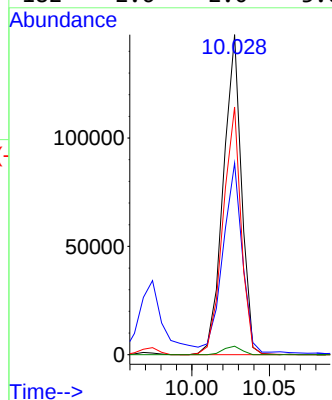
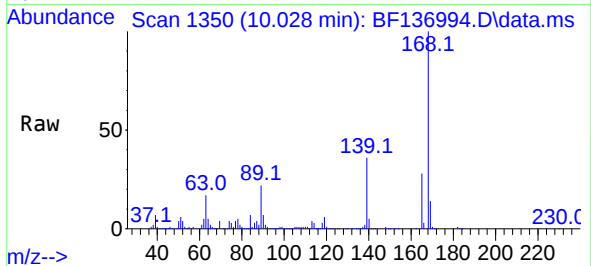
PB158263BS

Tgt Ion:165 Resp: 120274
Ion Ratio Lower Upper
165 100
63 59.8 41.0 61.6
89 77.4 59.9 89.9
182 2.6 2.0 3.0

Manual Integrations

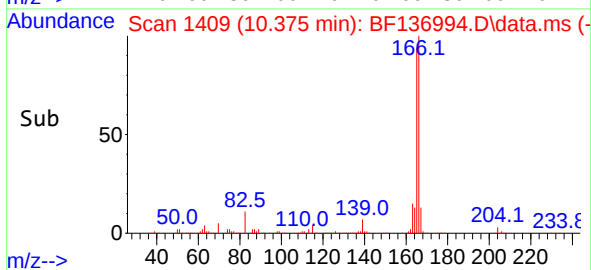
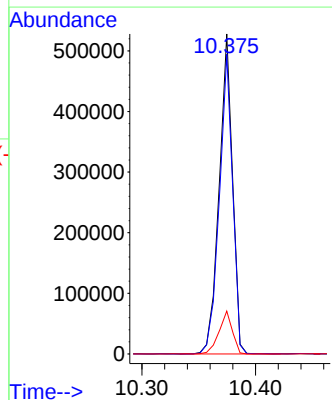
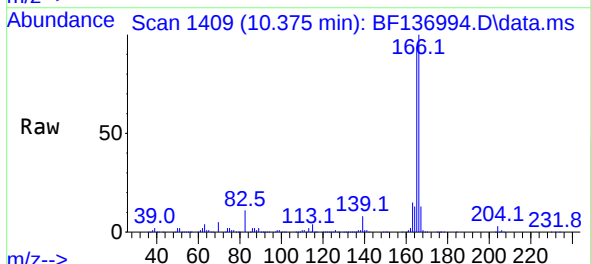
APPROVED

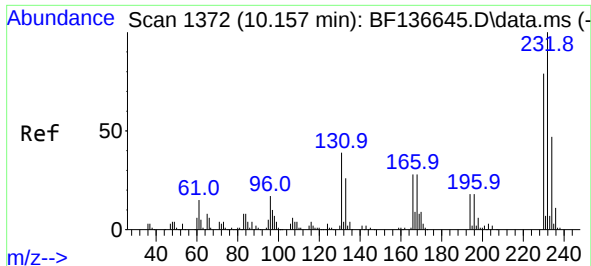
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#58
Fluorene
Concen: 39.651 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:166 Resp: 432679
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.768 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

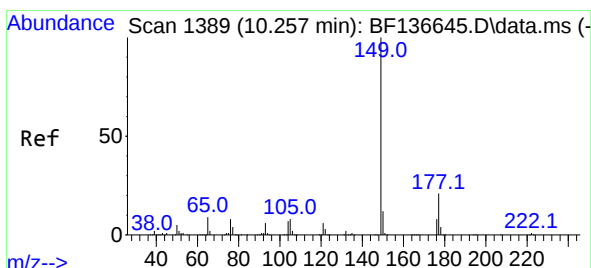
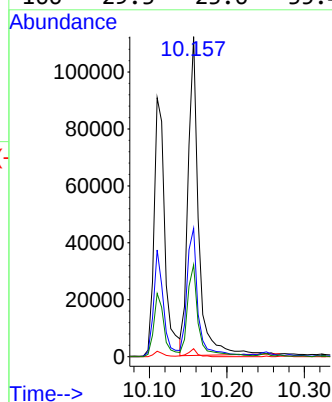
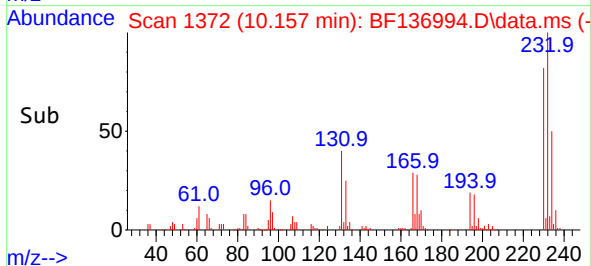
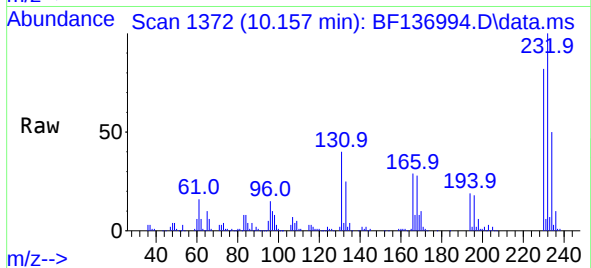
PB158263BS

Tgt Ion:232 Resp: 104254
Ion Ratio Lower Upper
232 100
131 40.7 35.1 52.7
130 2.2 1.6 2.4
166 29.3 23.6 35.4

Manual Integrations

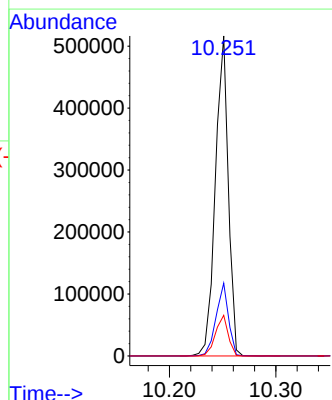
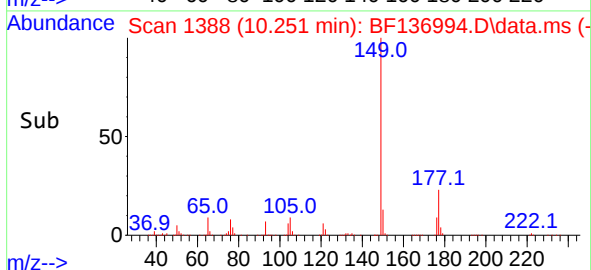
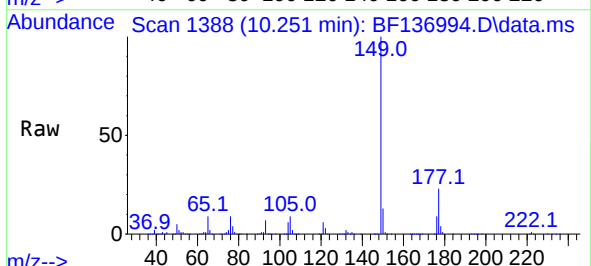
APPROVED

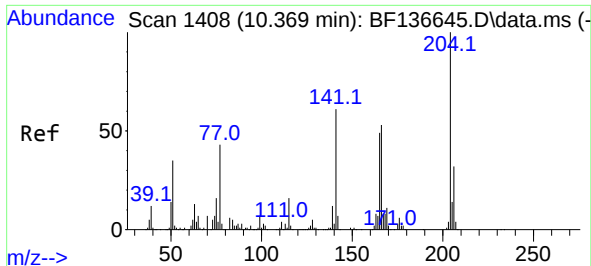
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#60
Diethylphthalate
Concen: 38.285 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

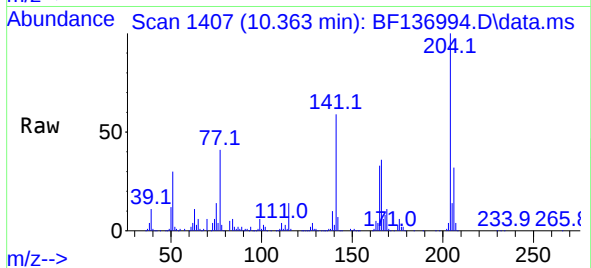
Tgt Ion:149 Resp: 435513
Ion Ratio Lower Upper
149 100
177 22.7 16.9 25.3
150 12.7 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.939 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

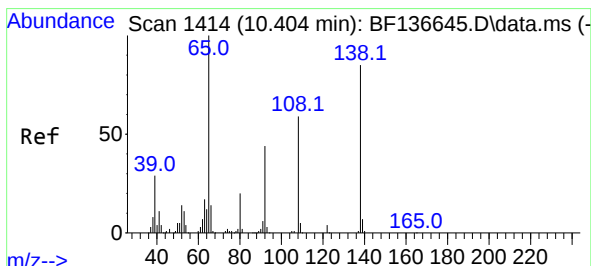
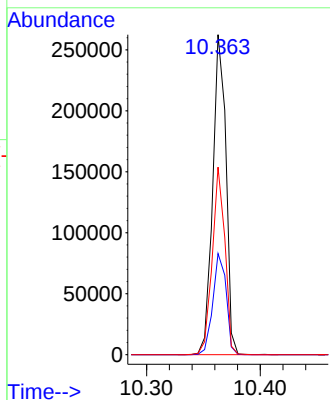
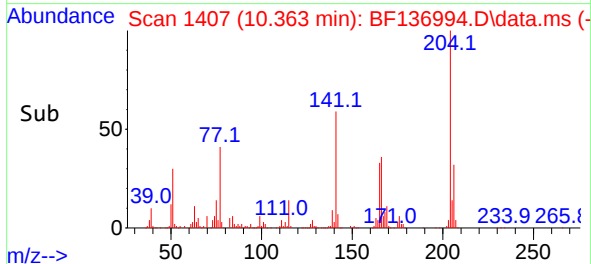
Instrument :
BNA_F
ClientSampleId :
PB158263BS



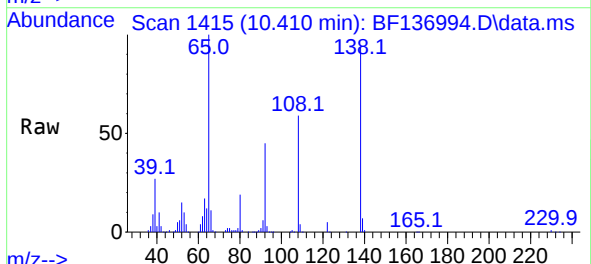
Tgt Ion:204 Resp: 21183
Ion Ratio Lower Upper
204 100
206 31.6 25.6 38.4
141 58.6 48.4 72.6

Manual Integrations
APPROVED

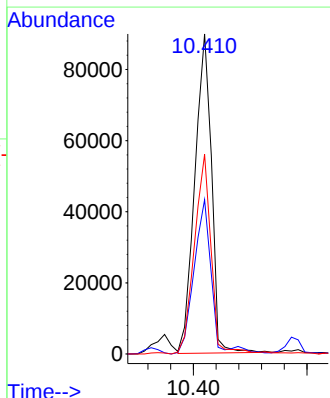
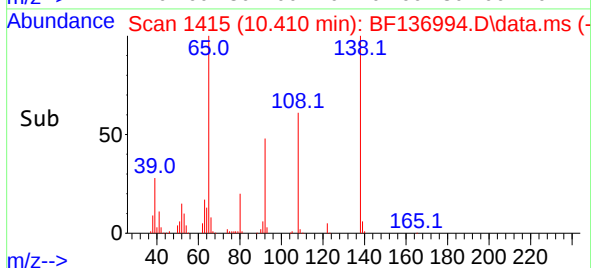
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

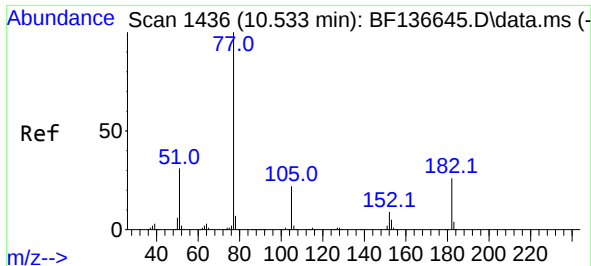


#62
4-Nitroaniline
Concen: 36.025 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:138 Resp: 91538
Ion Ratio Lower Upper
138 100
92 48.2 32.1 72.1
108 62.4 50.1 90.1





#63
Azobenzene
Concen: 38.062 ng
RT: 10.528 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

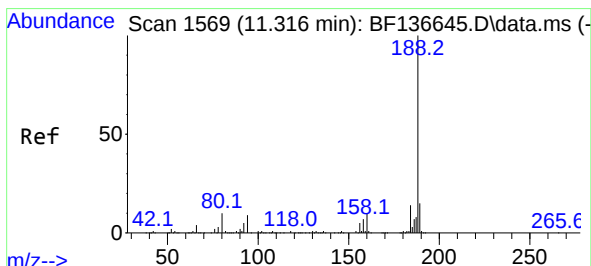
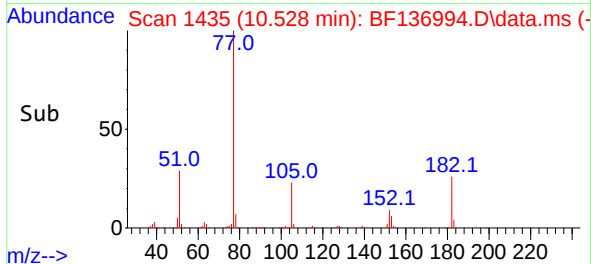
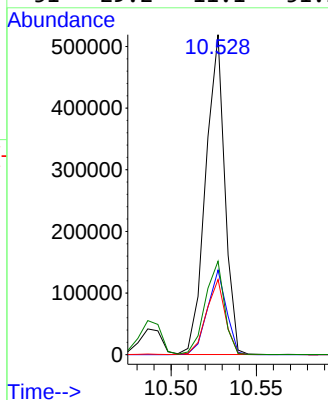
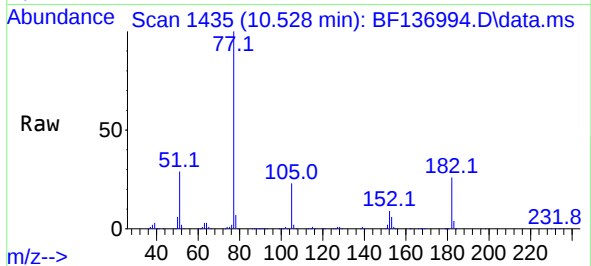
PB158263BS

Tgt Ion: 77 Resp: 404394
Ion Ratio Lower Upper
77 100
182 26.4 6.0 46.0
105 23.5 2.3 42.3
51 29.2 11.1 51.1

Manual Integrations

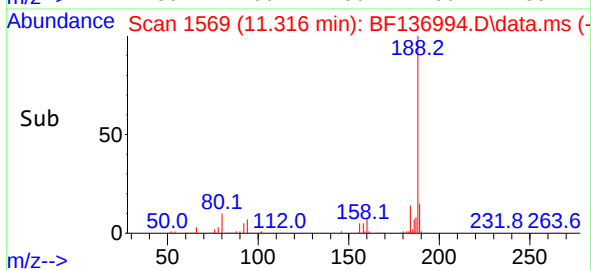
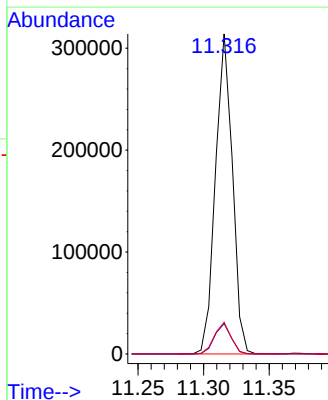
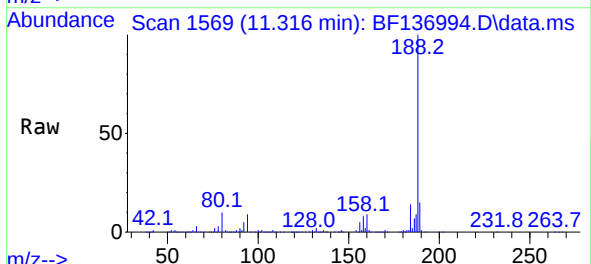
APPROVED

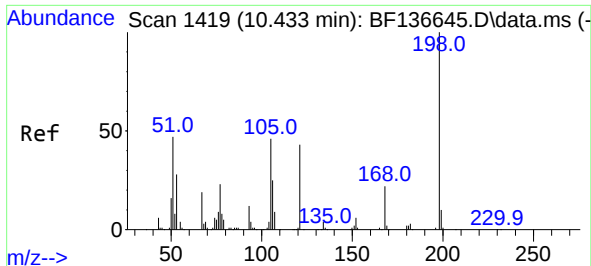
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:188 Resp: 281735
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.9 8.1 12.1





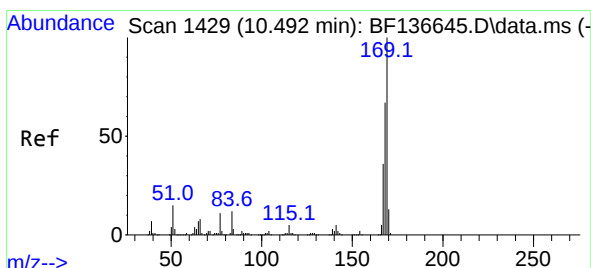
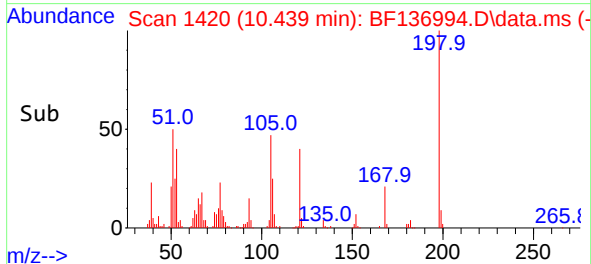
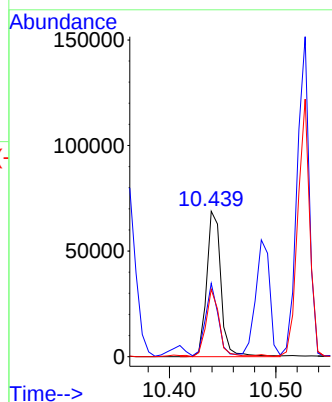
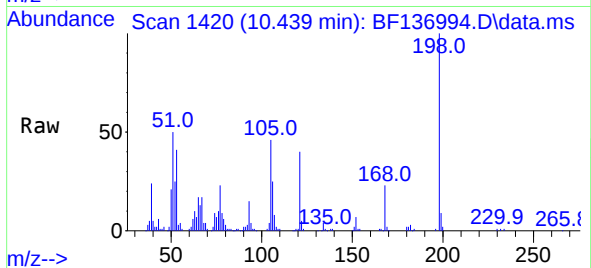
#65
4,6-Dinitro-2-methylphenol
Concen: 39.821 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB158263BS

Tgt Ion:198 Resp: 64290
Ion Ratio Lower Upper
198 100
51 50.4 34.1 74.1
105 46.4 27.3 67.3

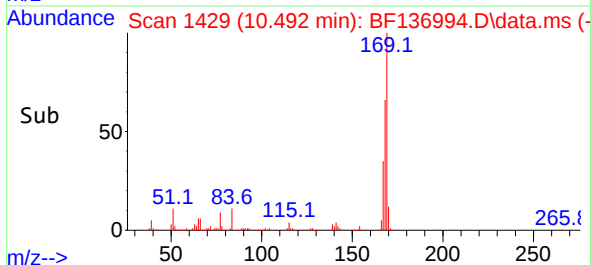
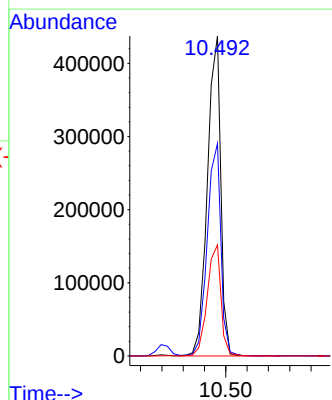
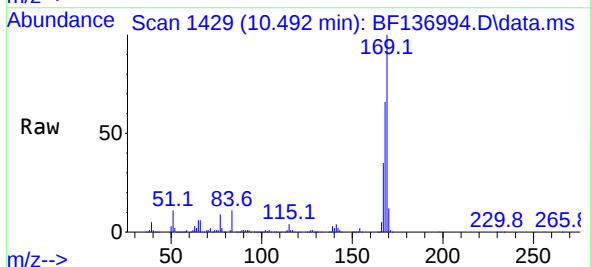
Manual Integrations
APPROVED

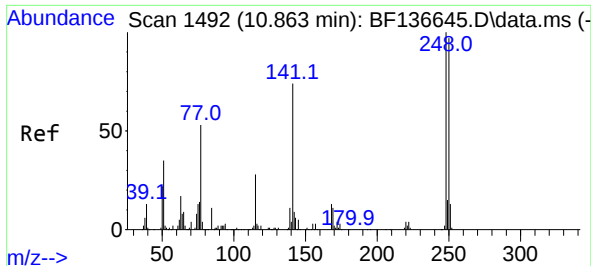
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#66
n-Nitrosodiphenylamine
Concen: 41.725 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:169 Resp: 381866
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 34.7 28.7 43.1





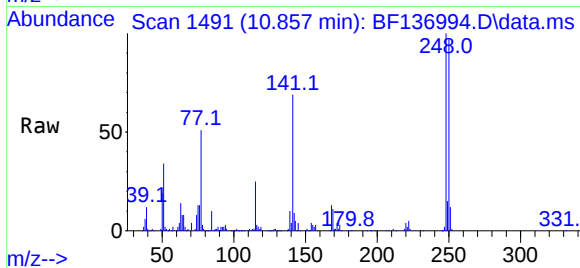
#67
4-Bromophenyl-phenylether
Concen: 40.762 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

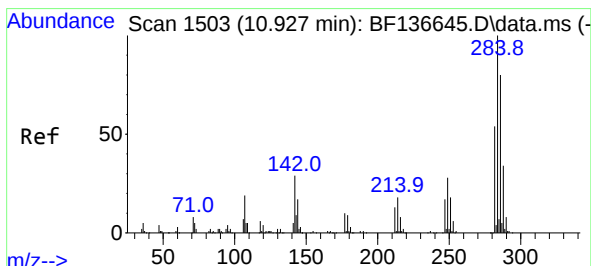
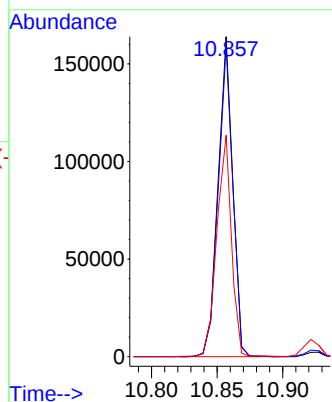
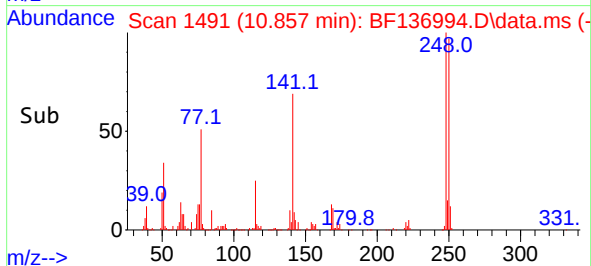


Tgt Ion:248 Resp: 127540
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 69.2 59.2 88.8

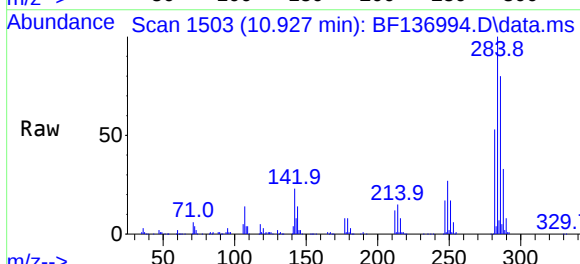
Manual Integrations

APPROVED

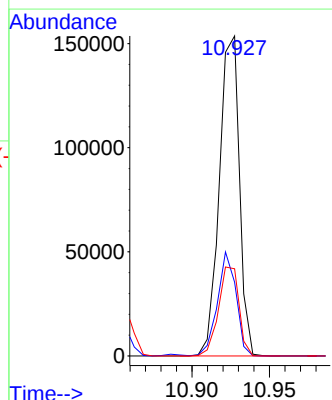
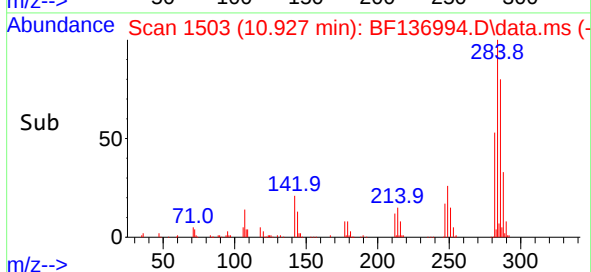
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

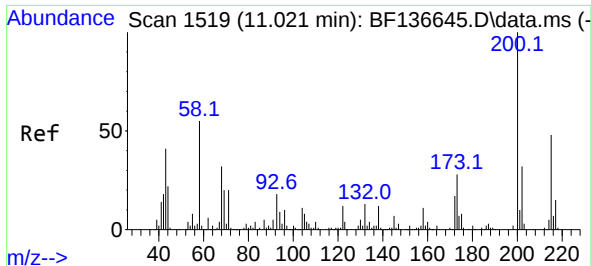


#68
Hexachlorobenzene
Concen: 39.703 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:284 Resp: 138439
Ion Ratio Lower Upper
284 100
142 23.1 23.4 35.0#
249 27.3 22.3 33.5





#69
Atrazine
Concen: 72.148 ng
RT: 11.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

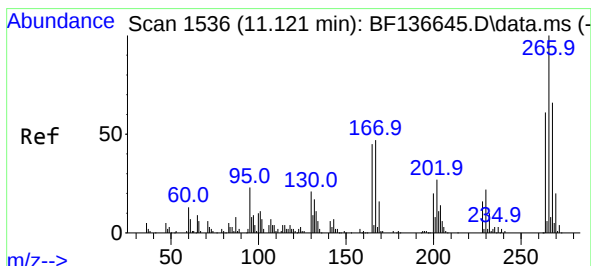
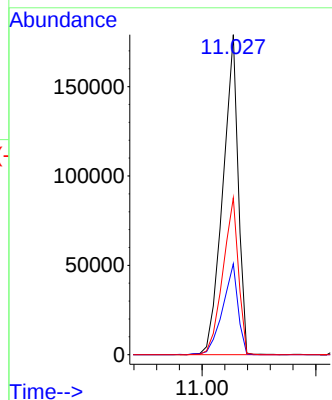
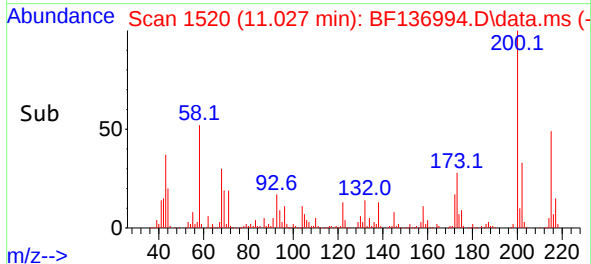
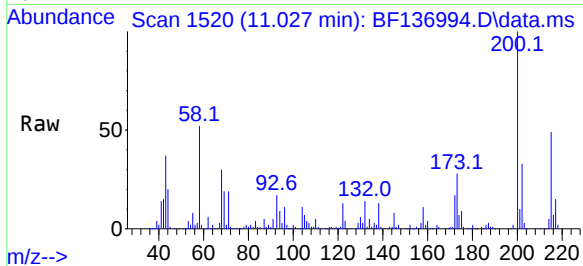
ClientSampleId :

PB158263BS

Tgt Ion:200 Resp: 168880
Ion Ratio Lower Upper
200 100
173 28.4 7.6 47.6
215 49.0 28.3 68.3

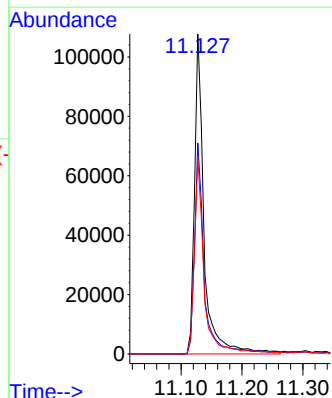
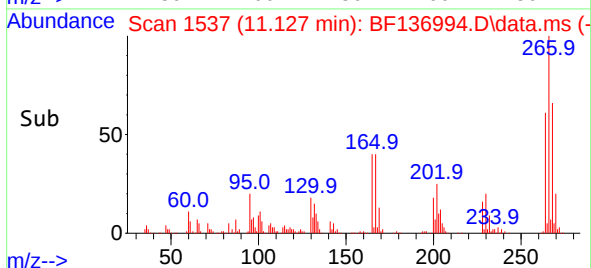
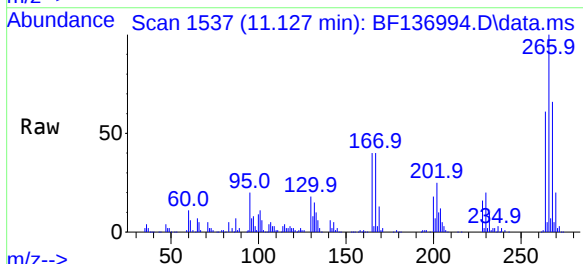
Manual Integrations
APPROVED

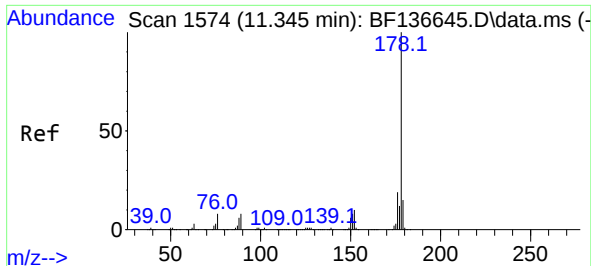
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#70
Pentachlorophenol
Concen: 72.626 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:266 Resp: 118037
Ion Ratio Lower Upper
266 100
268 66.0 52.6 78.8
264 61.4 49.0 73.4





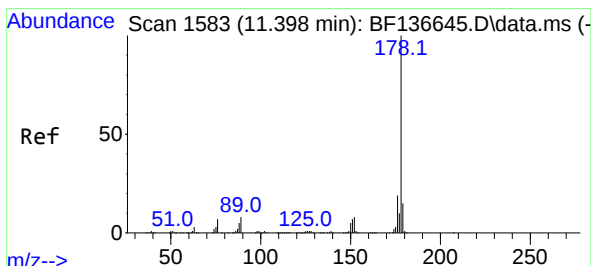
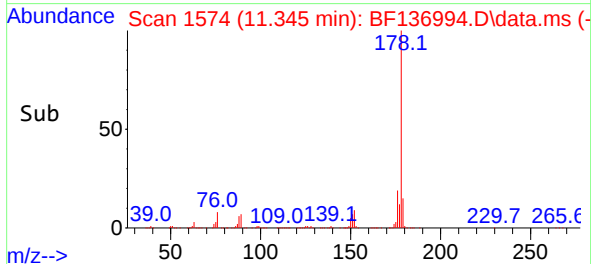
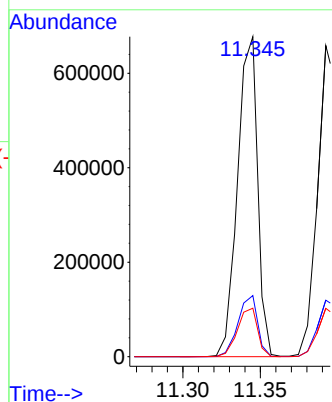
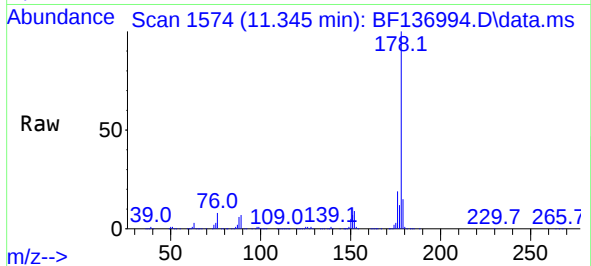
#71
Phenanthrene
Concen: 42.227 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB158263BS

Tgt Ion:178 Resp: 610434
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.1 11.9 17.9

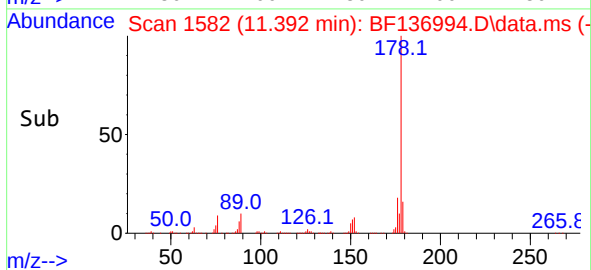
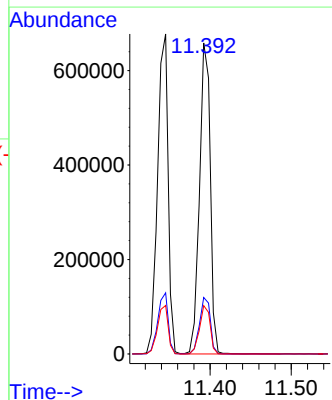
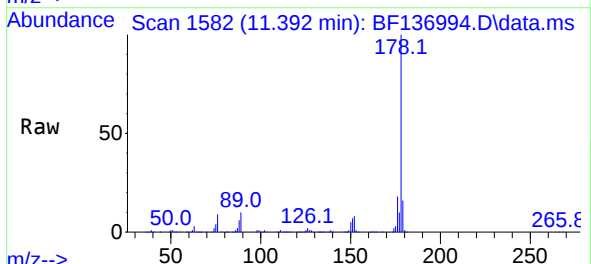
Manual Integrations
APPROVED

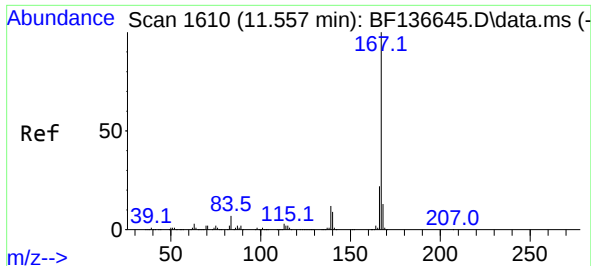
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#72
Anthracene
Concen: 41.625 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:178 Resp: 609390
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 15.5 11.8 17.6





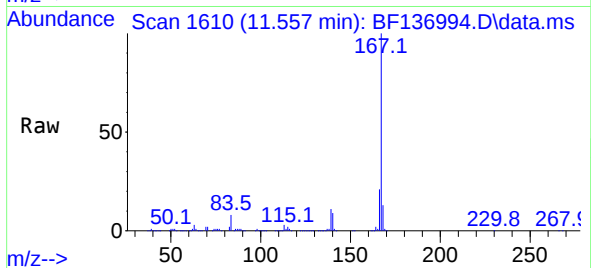
#73
 Carbazole
 Concen: 40.212 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136994.D
 Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

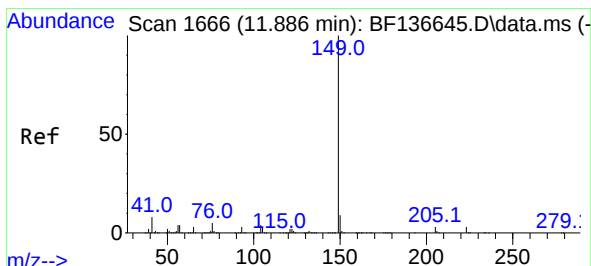
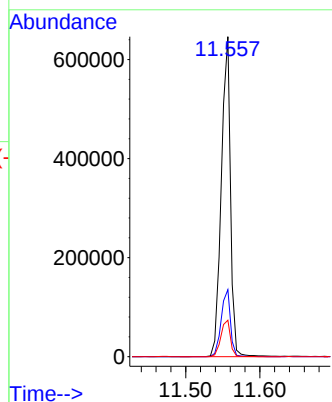
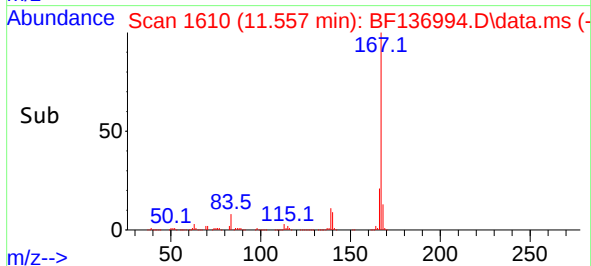


Tgt Ion:167 Resp: 55504
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.3 25.9
 139 11.4 9.8 14.6

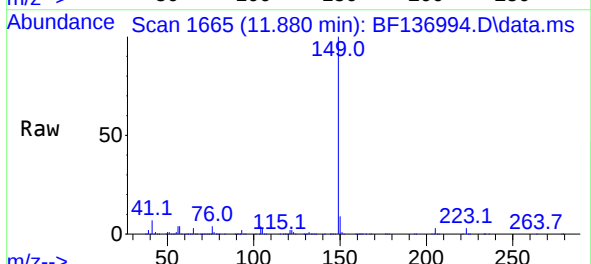
Manual Integrations

APPROVED

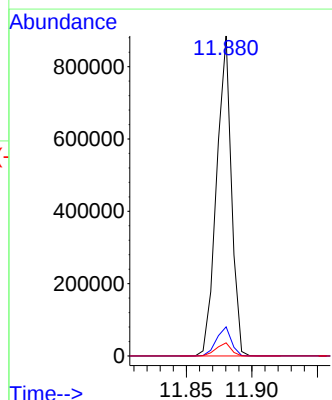
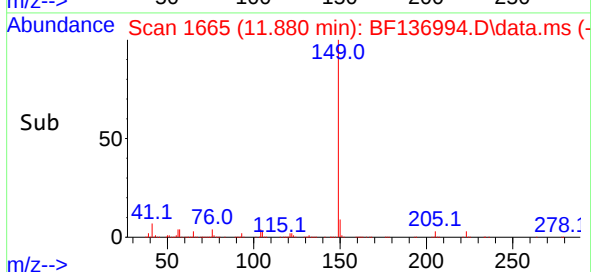
Reviewed By :Yogesh Patel 01/09/2024
 Supervised By :mohammad ahmed 01/09/2024

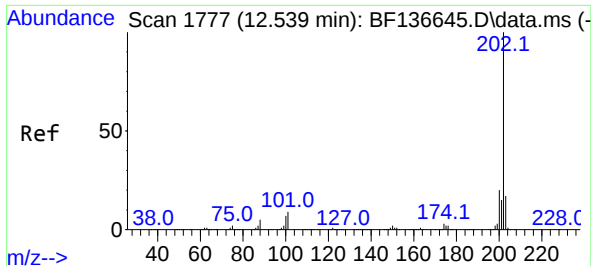


#74
 Di-n-butylphthalate
 Concen: 41.238 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136994.D
 Acq: 08 Jan 2024 13:12



Tgt Ion:149 Resp: 694570
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.1 3.6 5.4





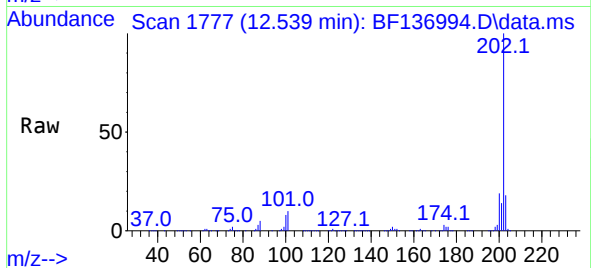
#75
Fluoranthene
Concen: 39.126 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

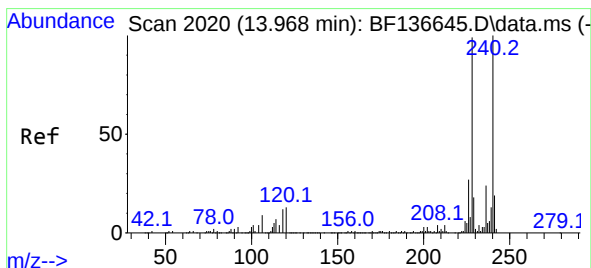
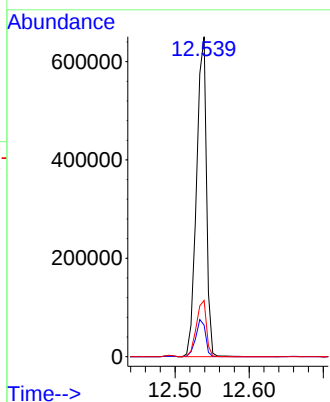
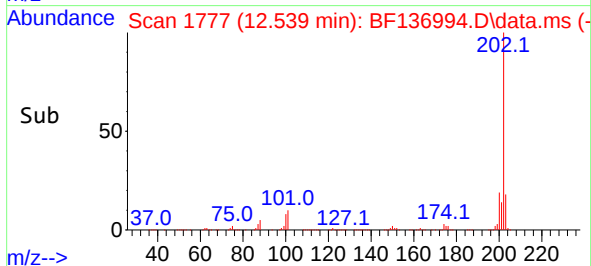


Tgt Ion:202 Resp: 605009
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.3
203 17.6 0.0 37.1

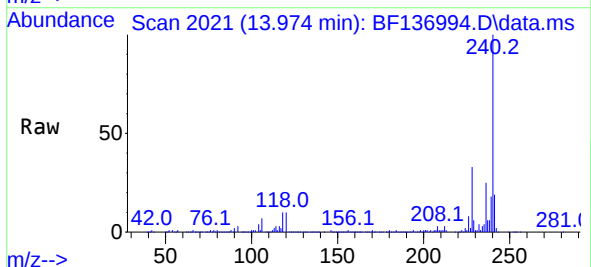
Manual Integrations

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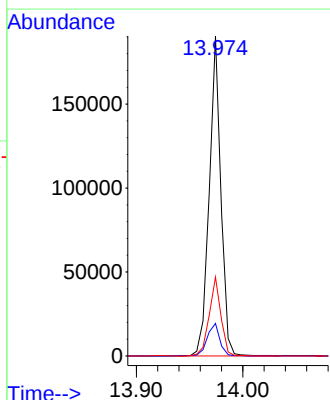
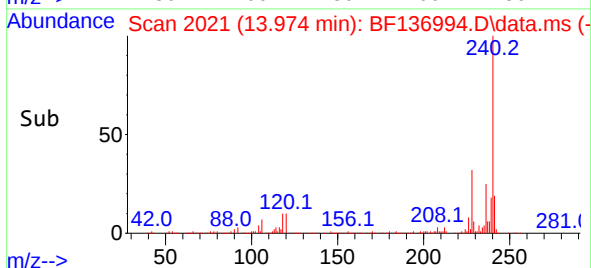
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

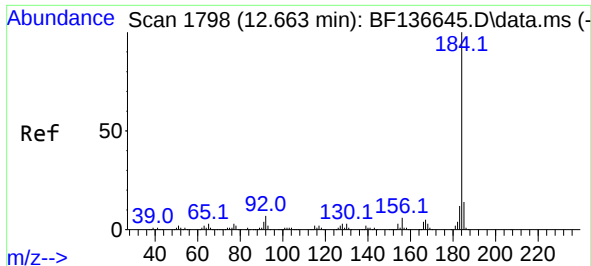


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:240 Resp: 144492
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 24.7 19.4 29.2





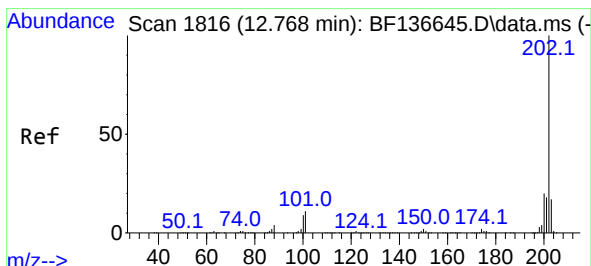
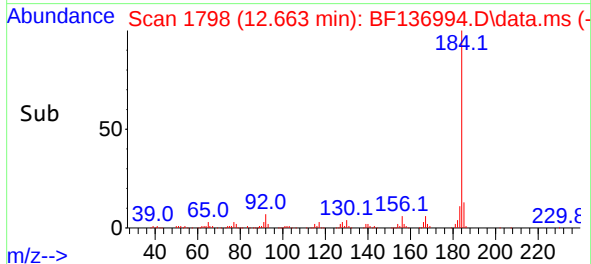
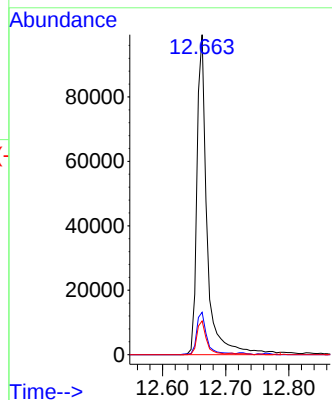
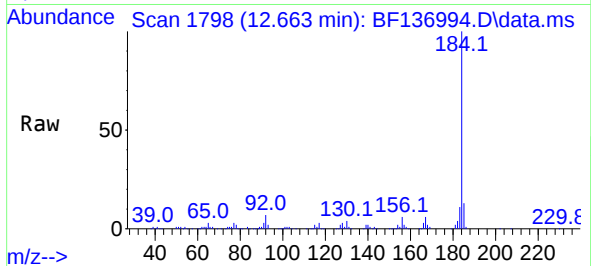
#77
Benzidine
Concen: 26.043 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :
BNA_F
ClientSampleId :
PB158263BS

Tgt Ion:184 Resp: 11095
Ion Ratio Lower Upper
184 100
185 13.3 11.2 16.8
183 10.5 9.3 13.9

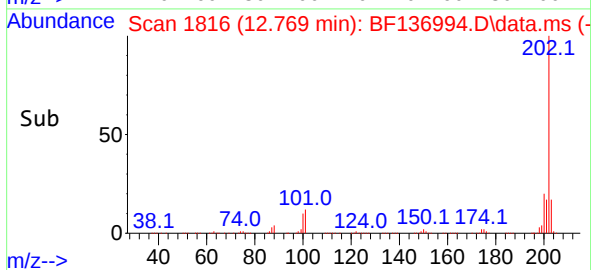
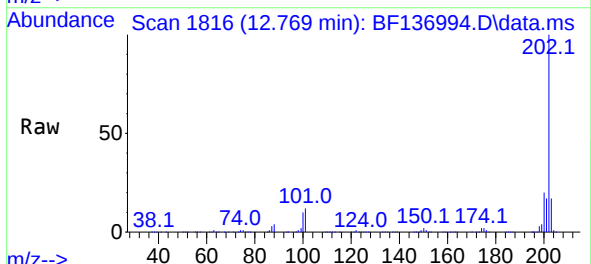
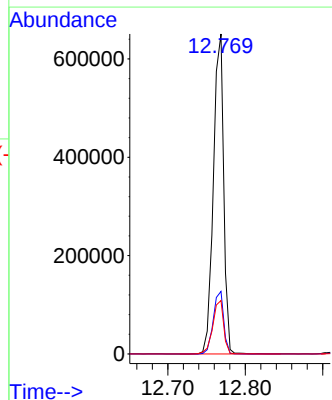
Manual Integrations
APPROVED

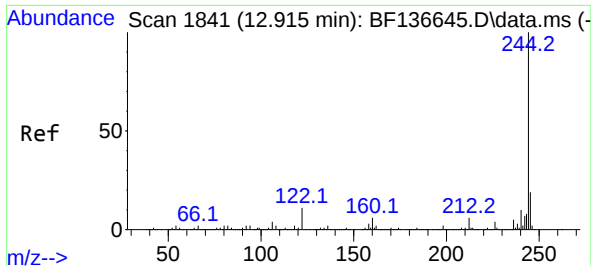
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#78
Pyrene
Concen: 42.335 ng
RT: 12.769 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:202 Resp: 600500
Ion Ratio Lower Upper
202 100
200 19.6 15.9 23.9
203 16.7 13.8 20.6





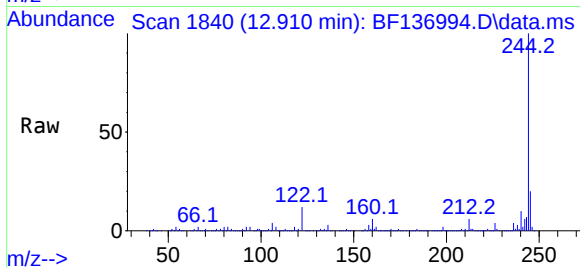
#79
Terphenyl-d14
Concen: 84.436 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

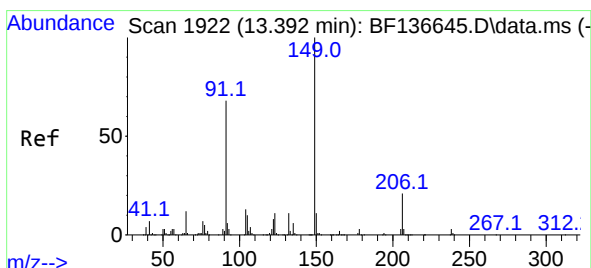
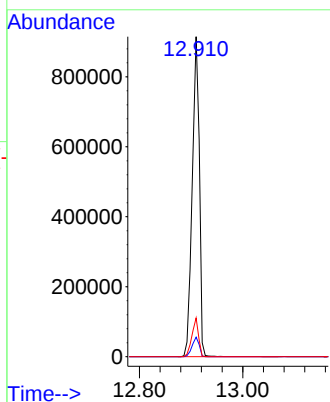
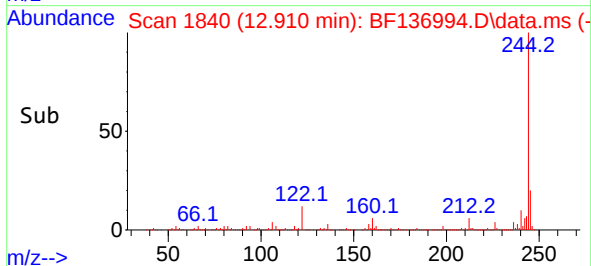


Tgt Ion:244 Resp: 873030
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 12.1 9.0 13.4

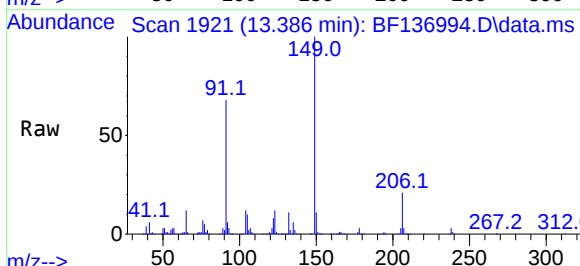
Manual Integrations

APPROVED

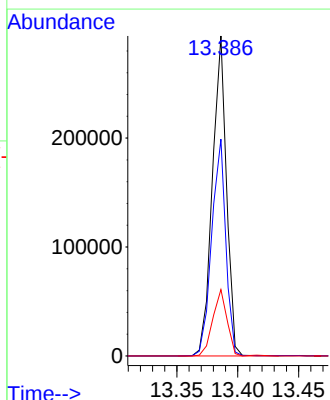
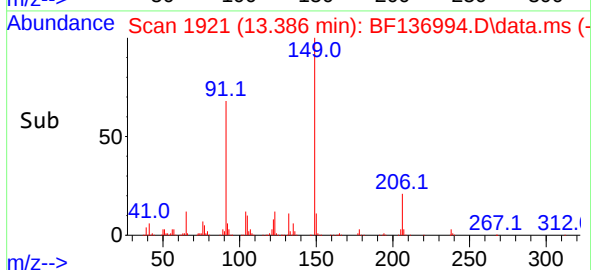
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

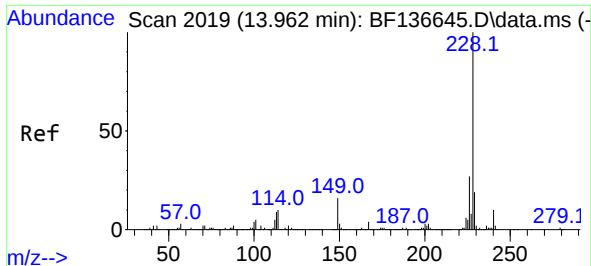


#80
Butylbenzylphthalate
Concen: 45.731 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:149 Resp: 236029
Ion Ratio Lower Upper
149 100
91 67.8 54.1 81.1
206 20.8 17.1 25.7





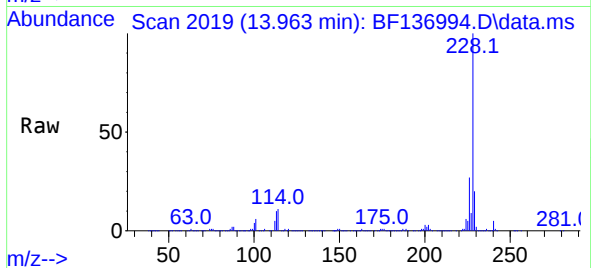
#81
Benzo(a)anthracene
Concen: 41.325 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

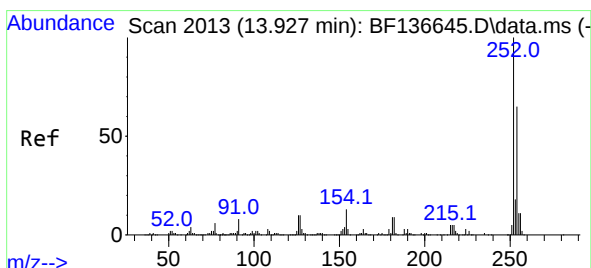
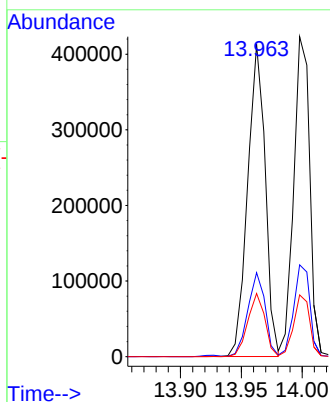
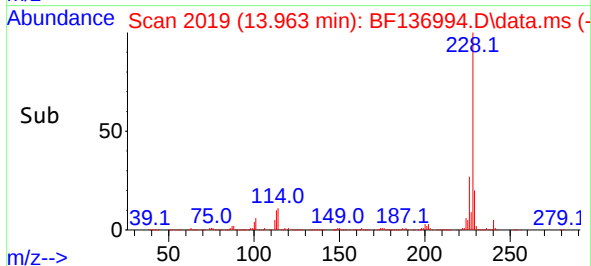


Tgt Ion:228 Resp: 41463
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 20.3 14.9 22.3

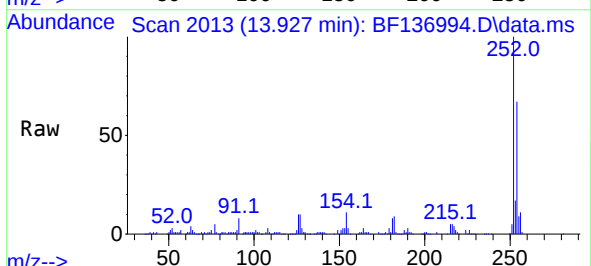
Manual Integrations

APPROVED

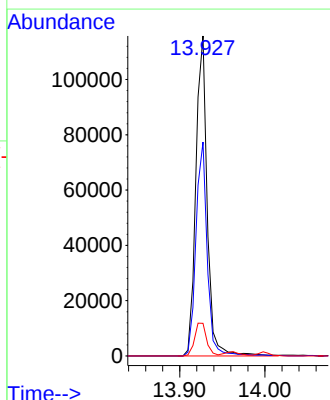
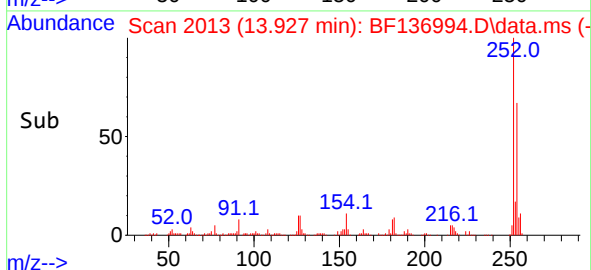
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

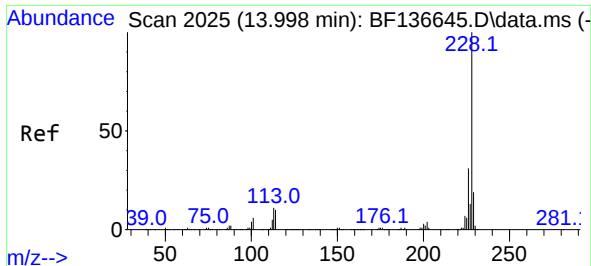


#82
3,3'-Dichlorobenzidine
Concen: 37.694 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:252 Resp: 107404
Ion Ratio Lower Upper
252 100
254 66.9 52.2 78.4
126 10.2 8.0 12.0





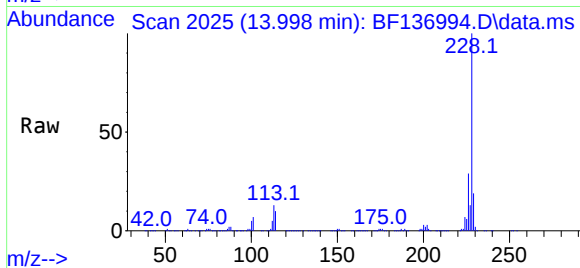
#83
Chrysene
Concen: 39.714 ng
RT: 13.998 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

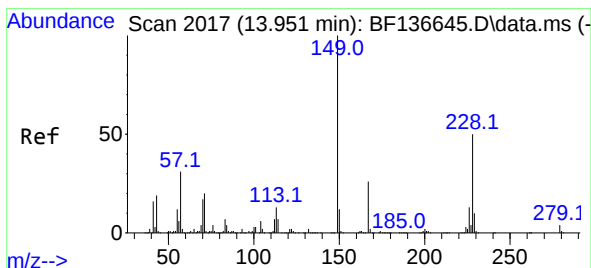
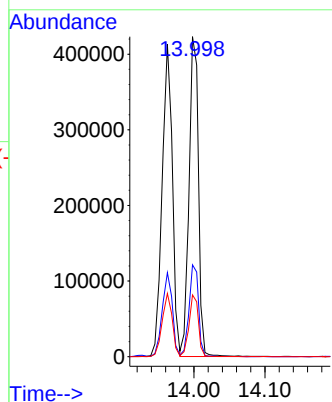
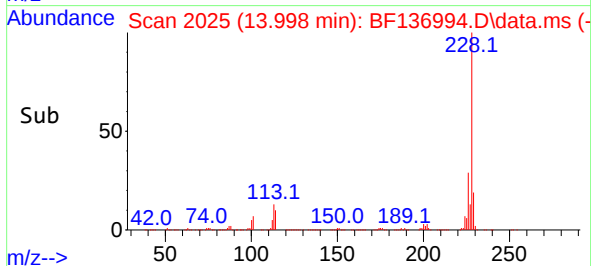


Tgt Ion:228 Resp: 389654
Ion Ratio Lower Upper
228 100
226 28.7 24.7 37.1
229 19.3 15.4 23.0

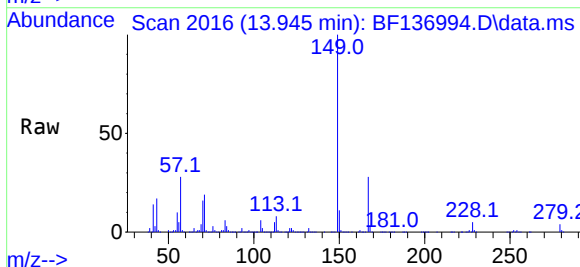
Manual Integrations

APPROVED

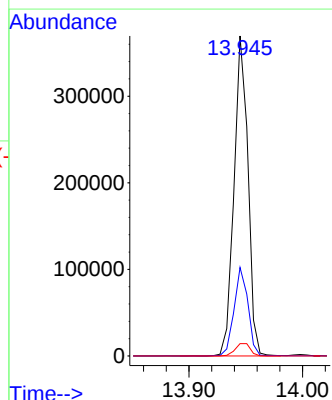
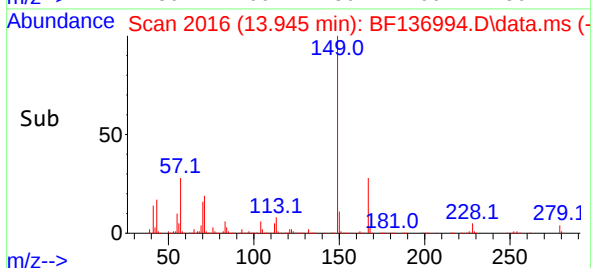
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

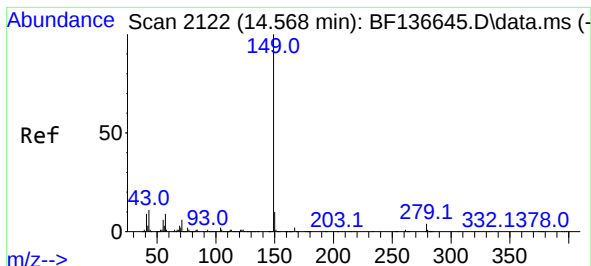


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.428 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:149 Resp: 314481
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 3.8 2.9 4.3





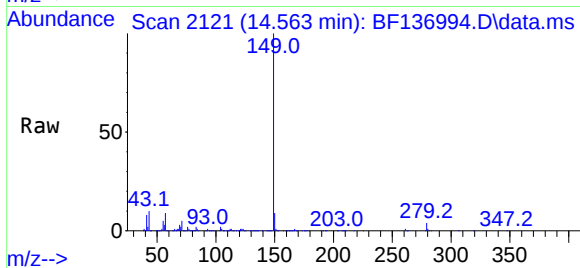
#85
Di-n-octyl phthalate
Concen: 43.976 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

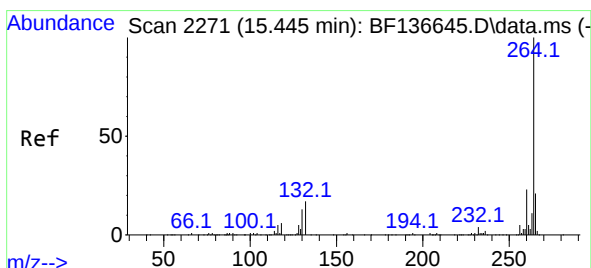
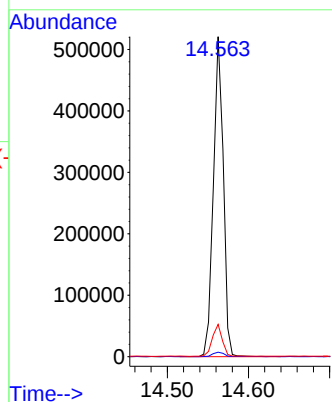
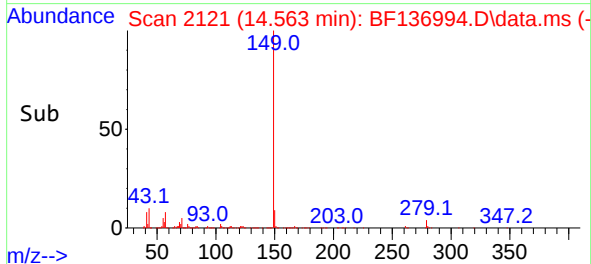


Tgt Ion:149 Resp: 44174
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 8.9 13.3

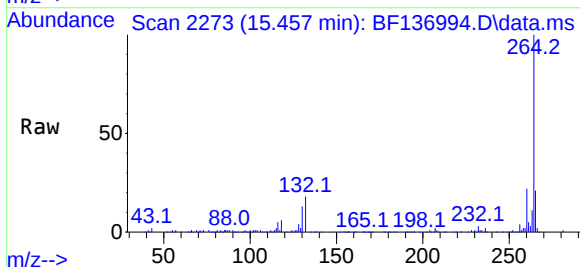
Manual Integrations

APPROVED

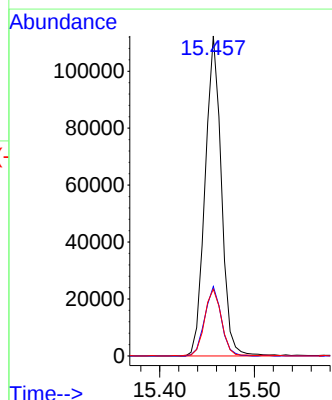
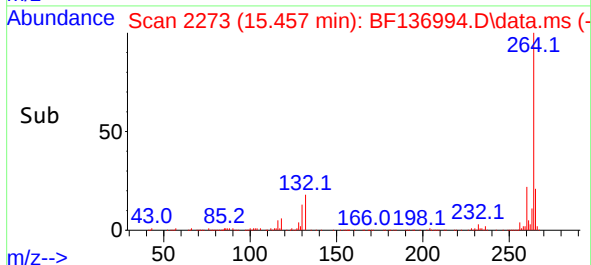
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024

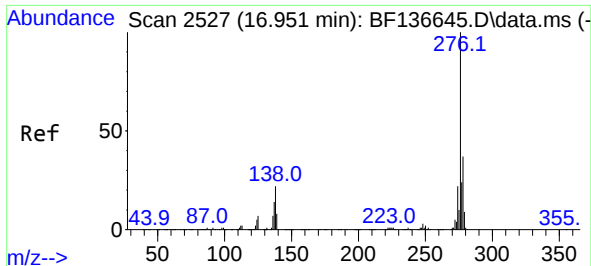


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:264 Resp: 133674
Ion Ratio Lower Upper
264 100
260 21.7 18.3 27.5
265 20.9 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.989 ng
RT: 16.986 min Scan# 2199
Delta R.T. 0.035 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

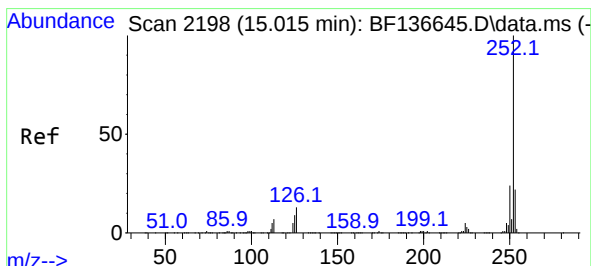
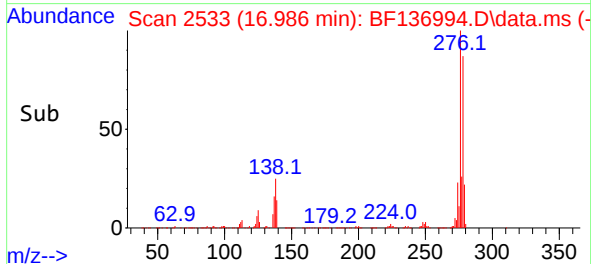
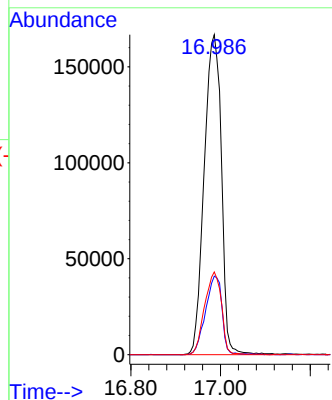
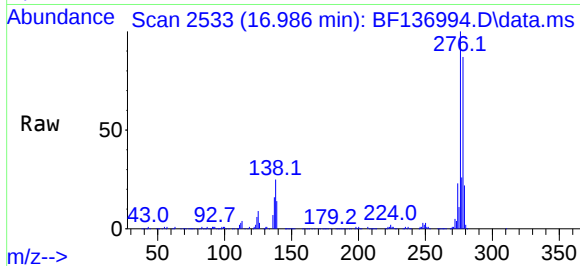
ClientSampleId :

PB158263BS

Tgt Ion:276 Resp: 443860
Ion Ratio Lower Upper
276 100
138 23.5 18.7 28.1
277 25.3 20.2 30.2

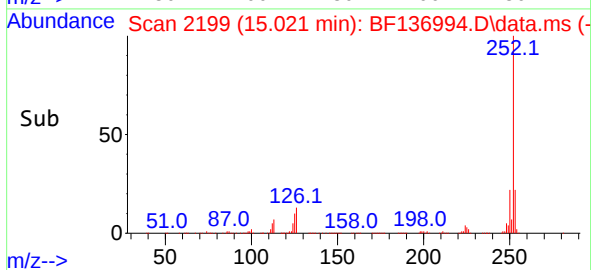
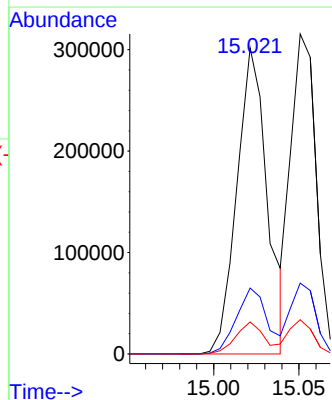
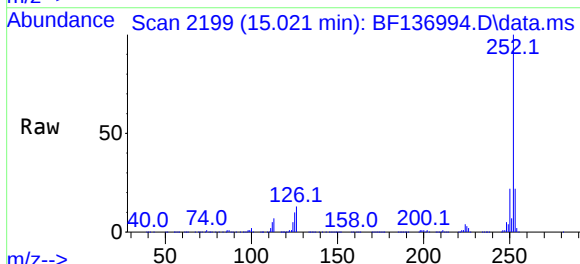
Manual Integrations
APPROVED

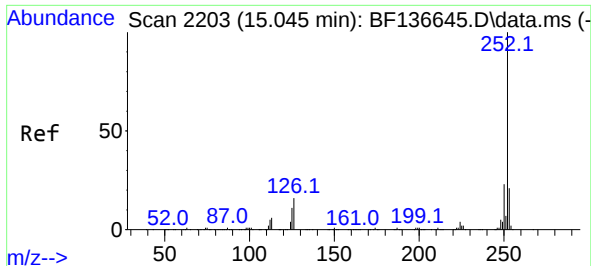
Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#88
Benzo(b)fluoranthene
Concen: 42.013 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Tgt Ion:252 Resp: 375104
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.788 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

Tgt Ion:252 Resp: 32723

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

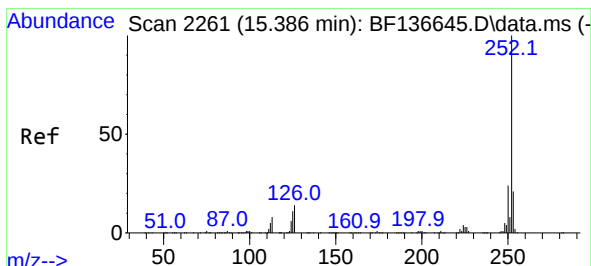
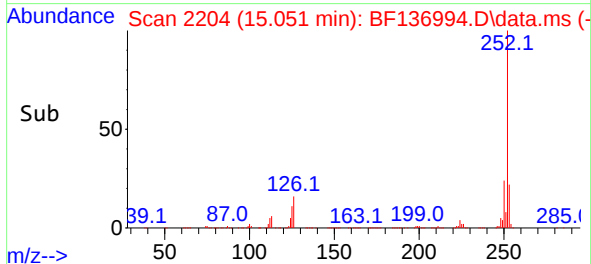
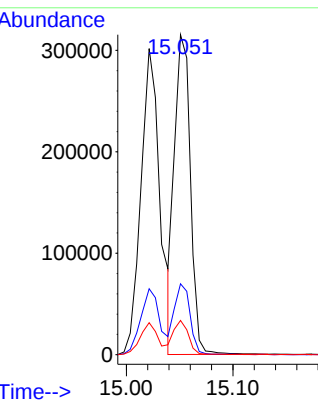
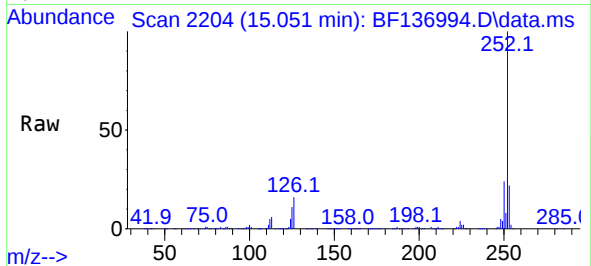
125 10.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/09/2024

Supervised By :mohammad ahmed 01/09/2024



#90

Benzo(a)pyrene

Concen: 42.415 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF136994.D

Acq: 08 Jan 2024 13:12

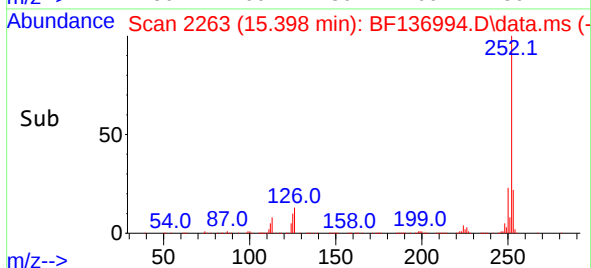
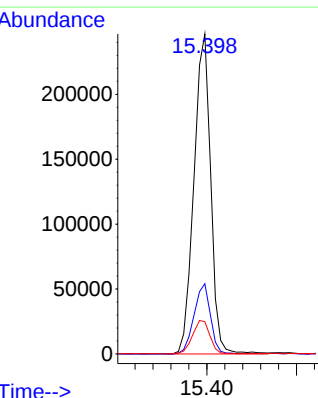
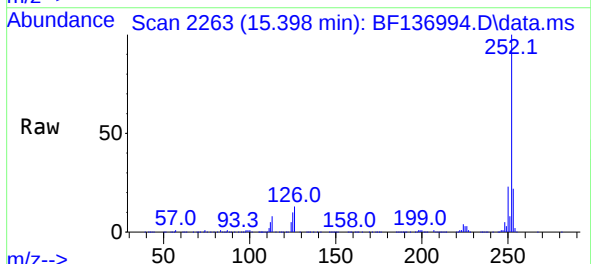
Tgt Ion:252 Resp: 319655

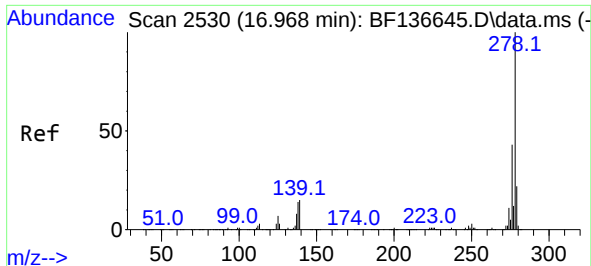
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 10.1 8.8 13.2





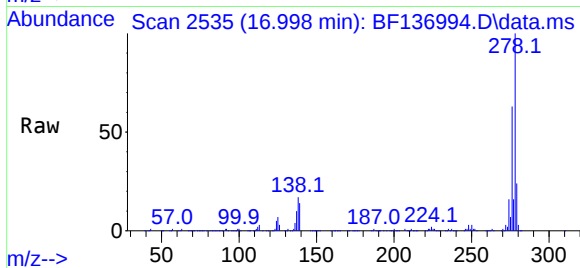
#91
Dibenzo(a,h)anthracene
Concen: 46.942 ng
RT: 16.998 min Scan# 2111
Delta R.T. 0.030 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12

Instrument :

BNA_F

ClientSampleId :

PB158263BS

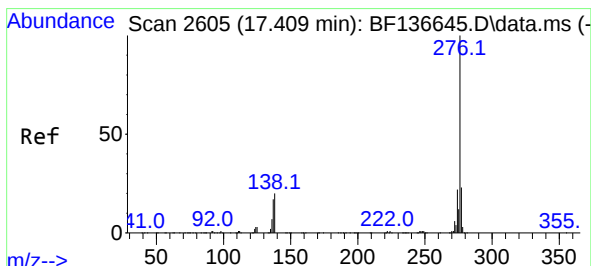
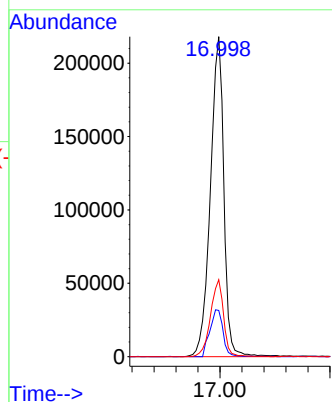
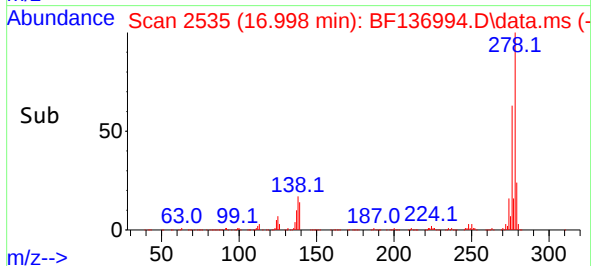


Tgt Ion:278 Resp: 371688
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 24.1 17.8 26.6

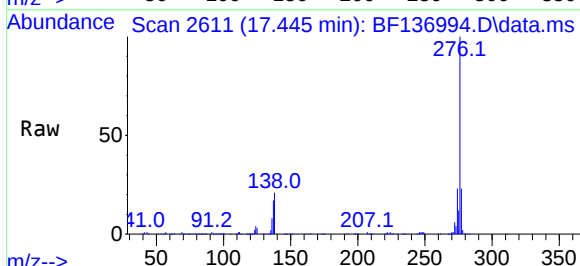
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/09/2024
Supervised By :mohammad ahmed 01/09/2024



#92
Benzo(g,h,i)perylene
Concen: 45.670 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.035 min
Lab File: BF136994.D
Acq: 08 Jan 2024 13:12



Tgt Ion:276 Resp: 370372
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 20.5 15.6 23.4

