

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137013.D
 Acq On : 10 Jan 2024 11:27
 Operator : CG\JU
 Sample : PB158316BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158316BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 11:50:01 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	74439	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	296117	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	158639	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	316111	20.000	ng	0.00
76) Chrysene-d12	13.980	240	189805	20.000	ng	0.01
86) Perylene-d12	15.462	264	143107	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	539869	113.160	ng	0.02
7) Phenol-d6	6.445	99	688585	111.388	ng	0.00
23) Nitrobenzene-d5	7.357	82	419584	72.507	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	217758	116.552	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	859012	72.829	ng	0.00
79) Terphenyl-d14	12.916	244	1027993	75.688	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	66618	33.513	ng	96
3) Pyridine	3.410	79	153497	31.648	ng	90
4) n-Nitrosodimethylamine	3.375	42	91085	35.168	ng	92
6) Aniline	6.457	93	206020	33.333	ng	# 8
8) 2-Chlorophenol	6.581	128	209894	40.203	ng	93
9) Benzaldehyde	6.339	77	74445	21.172	ng	94
10) Phenol	6.457	94	250511	37.961	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	190090	37.877	ng	97
12) 1,3-Dichlorobenzene	6.728	146	208506	36.609	ng	97
13) 1,4-Dichlorobenzene	6.804	146	213982	36.770	ng	98
14) 1,2-Dichlorobenzene	6.951	146	202446	37.385	ng	97
15) Benzyl Alcohol	6.939	79	167885	40.255	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	299583	36.512	ng	# 30
17) 2-Methylphenol	7.057	107	167894	38.818	ng	# 92
18) Hexachloroethane	7.286	117	77187	36.522	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	143626	38.327	ng	95
20) 3+4-Methylphenols	7.210	107	217500	40.252	ng	# 54
22) Acetophenone	7.198	105	291013	39.209	ng	# 89
24) Nitrobenzene	7.375	77	206914	35.694	ng	93
25) Isophorone	7.610	82	395078	37.520	ng	99
26) 2-Nitrophenol	7.686	139	111406	40.168	ng	98
27) 2,4-Dimethylphenol	7.728	122	188922	55.951	ng	100
28) bis(2-Chloroethoxy)met...	7.816	93	241831	37.783	ng	99
29) 2,4-Dichlorophenol	7.933	162	173592	39.934	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	181543	37.483	ng	97
31) Naphthalene	8.086	128	608343	37.395	ng	99
32) Benzoic acid	7.886	122	124979	38.255	ng	97
33) 4-Chloroaniline	8.139	127	131588	21.908	ng	97
34) Hexachlorobutadiene	8.198	225	104889	35.644	ng	98
35) Caprolactam	8.528	113	61329m	42.766	ng	
36) 4-Chloro-3-methylphenol	8.645	107	196118	40.075	ng	97
37) 2-Methylnaphthalene	8.780	142	397272	37.946	ng	98
38) 1-Methylnaphthalene	8.875	142	372528	36.268	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	191036	38.884	ng	99
41) Hexachlorocyclopentadiene	8.928	237	111964	71.997	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	124408	39.485	ng	96

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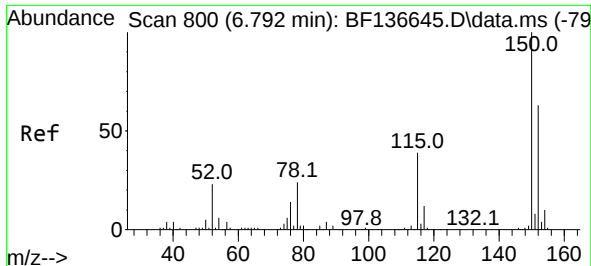
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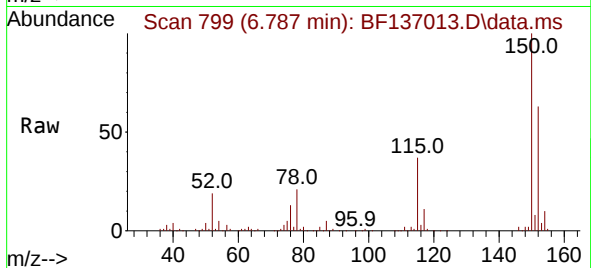
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	135061	38.467	ng	96
46) 1,1'-Biphenyl	9.245	154	511113	38.394	ng	99
47) 2-Chloronaphthalene	9.269	162	377561	37.308	ng	100
48) 2-Nitroaniline	9.375	65	124058	39.146	ng	95
49) Acenaphthylene	9.686	152	607300	39.260	ng	99
50) Dimethylphthalate	9.551	163	460857	39.772	ng	99
51) 2,6-Dinitrotoluene	9.622	165	101047	38.424	ng	96
52) Acenaphthene	9.857	154	368769	38.459	ng	97
53) 3-Nitroaniline	9.792	138	85556	30.712	ng	88
54) 2,4-Dinitrophenol	9.910	184	98514	68.172	ng	91
55) Dibenzofuran	10.033	168	555968	38.250	ng	99
56) 4-Nitrophenol	9.980	139	122852	65.328	ng	95
57) 2,4-Dinitrotoluene	10.033	165	128717	37.703	ng	95
58) Fluorene	10.380	166	454852	39.439	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	114797	42.474	ng	96
60) Diethylphthalate	10.251	149	471953	39.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	216668	38.650	ng	94
62) 4-Nitroaniline	10.416	138	103645	38.594	ng	93
63) Azobenzene	10.527	77	429749	38.271	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	72109	39.803	ng	99
66) n-Nitrosodiphenylamine	10.492	169	407127	39.647	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	134327	38.263	ng	97
68) Hexachlorobenzene	10.927	284	148048	37.842	ng	98
69) Atrazine	11.033	200	186437	70.985	ng	99
70) Pentachlorophenol	11.133	266	136826	75.032	ng	97
71) Phenanthrene	11.345	178	658643	40.607	ng	99
72) Anthracene	11.398	178	673282	40.988	ng	99
73) Carbazole	11.557	167	629300	40.634	ng	99
74) Di-n-butylphthalate	11.880	149	771098	40.803	ng	99
75) Fluoranthene	12.539	202	709902	40.917	ng	96
77) Benzidine	12.663	184	130543	23.326	ng	99
78) Pyrene	12.774	202	708030	38.000	ng	99
80) Butylbenzylphthalate	13.392	149	291447	42.987	ng	97
81) Benzo(a)anthracene	13.968	228	532877	40.431	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	139540	37.281	ng	95
83) Chrysene	14.010	228	498325	38.664	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	399497	46.833	ng	98
85) Di-n-octyl phthalate	14.568	149	584518	44.298	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	437860	42.377	ng	100
88) Benzo(b)fluoranthene	15.033	252	408394	42.727	ng	98
89) Benzo(k)fluoranthene	15.062	252	389528	43.129	ng	99
90) Benzo(a)pyrene	15.404	252	341064	42.273	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	363506	42.882	ng	98
92) Benzo(g,h,i)perylene	17.456	276	363379	41.854	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# 79
Delta R.T. -0.005 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

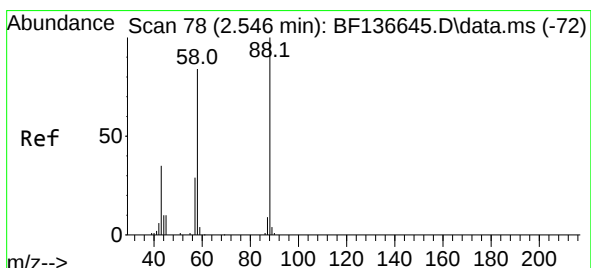
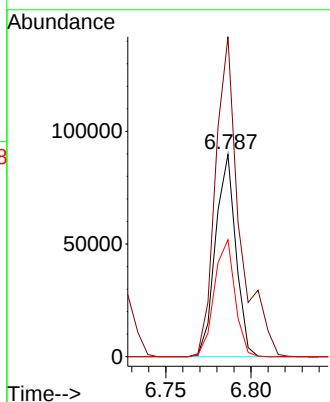
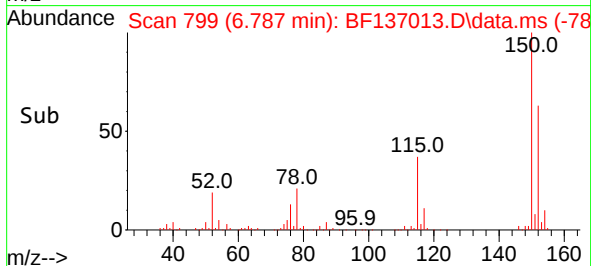
Instrument :
BNA_F
ClientSampleId :
PB158316BS



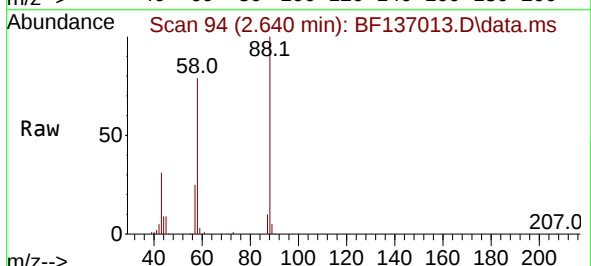
Tgt Ion:152 Resp: 74439
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 57.8 49.0 73.4

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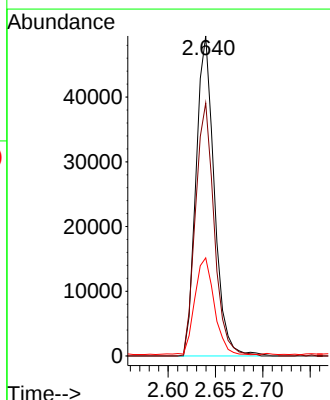
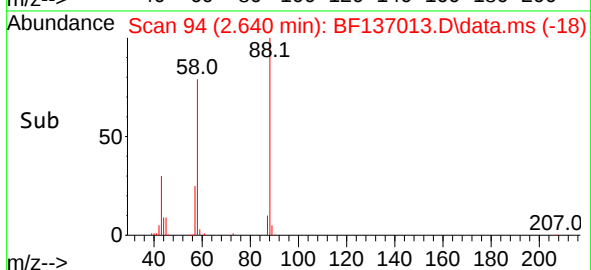
Reviewed By :Yogesh Patel 01/11/2024
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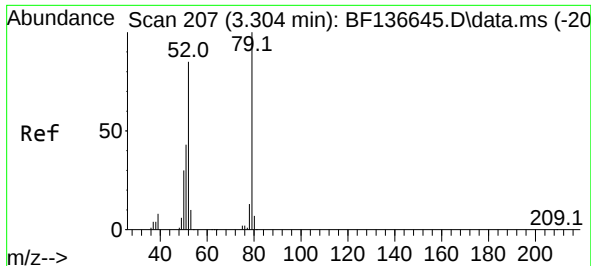


#2
1,4-Dioxane
Concen: 33.513 ng
RT: 2.640 min Scan# 94
Delta R.T. 0.094 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



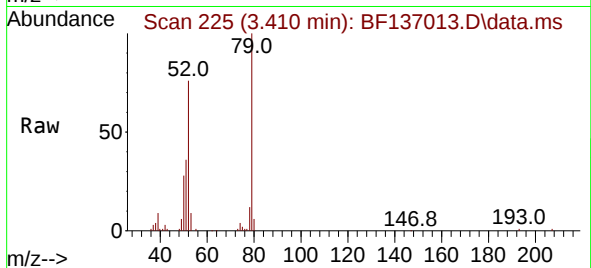
Tgt Ion: 88 Resp: 66618
Ion Ratio Lower Upper
88 100
58 80.8 67.4 101.0
43 32.1 27.7 41.5





#3
Pyridine
Concen: 31.648 ng
RT: 3.410 min Scan# 219
Delta R.T. 0.106 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

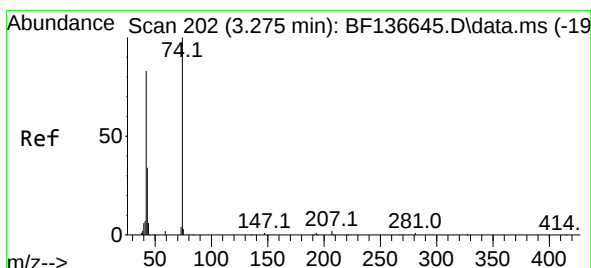
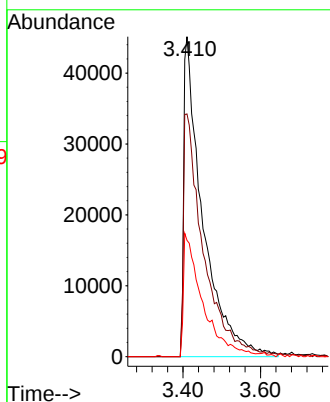
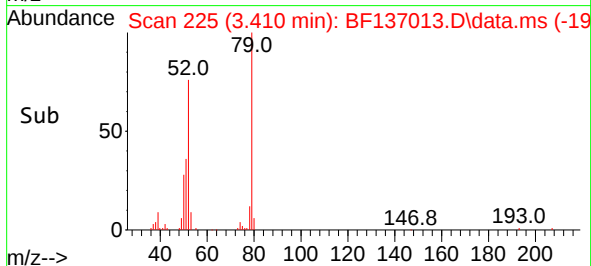
Instrument :
BNA_F
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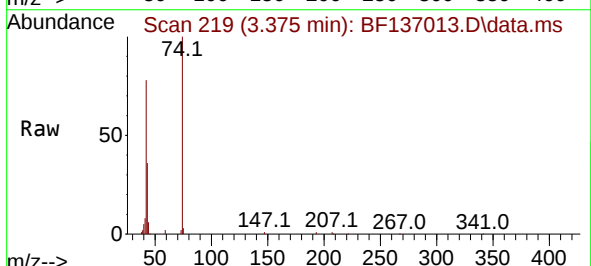
Tgt Ion: 79 Resp: 15349
Ion Ratio Lower Upper
79 100
52 75.8 67.7 101.5
51 36.3 34.0 51.0

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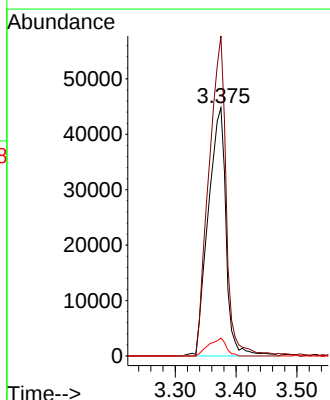
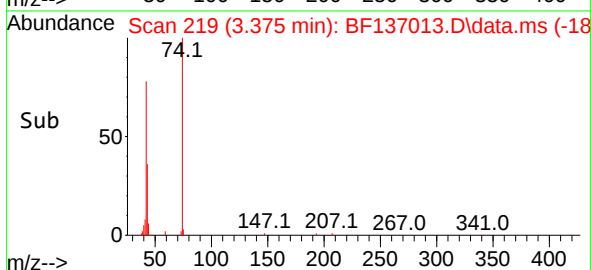
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

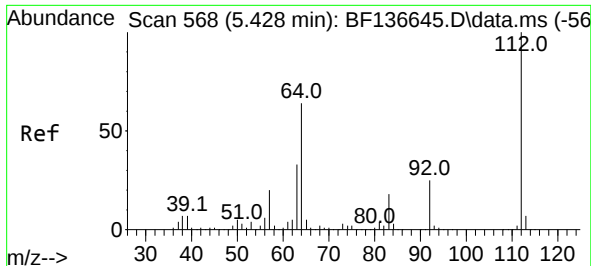


#4
n-Nitrosodimethylamine
Concen: 35.168 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.100 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion: 42 Resp: 91085
Ion Ratio Lower Upper
42 100
74 129.0 96.0 144.0
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 113.160 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

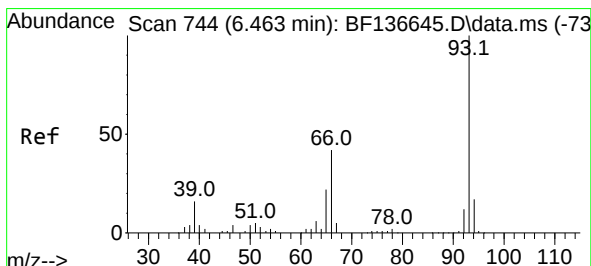
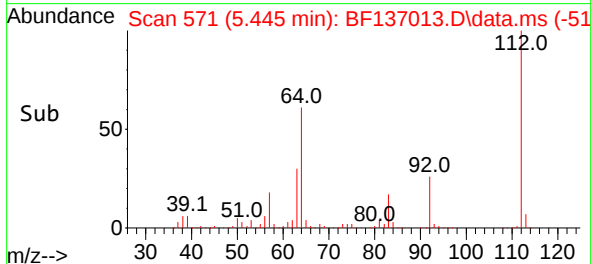
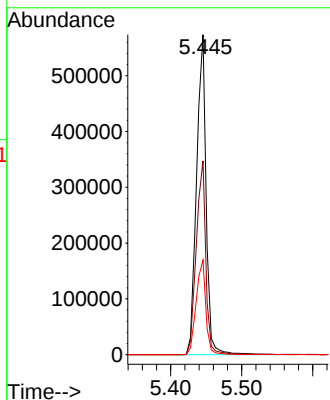
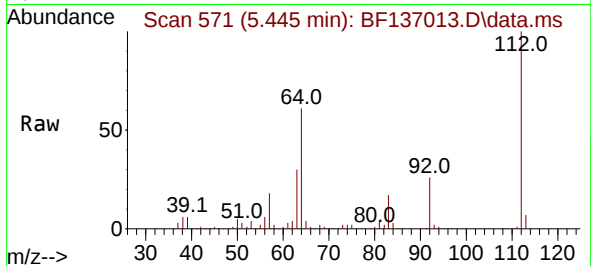
ClientSampleId :

PB158316BS

Tgt Ion:112 Resp: 539869
Ion Ratio Lower Upper
112 100
64 60.5 51.1 76.7
63 29.6 26.1 39.1

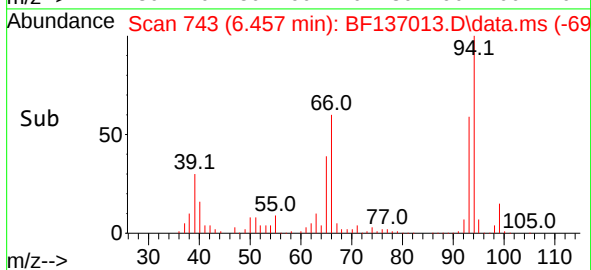
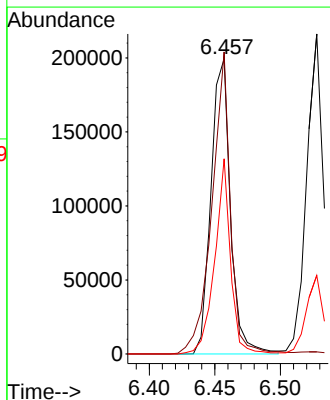
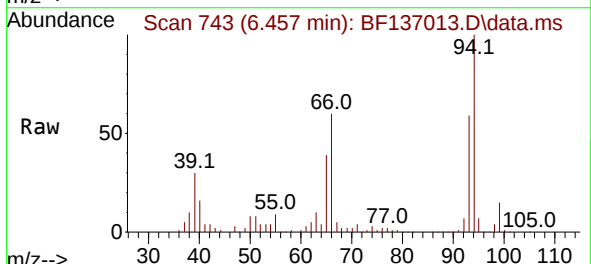
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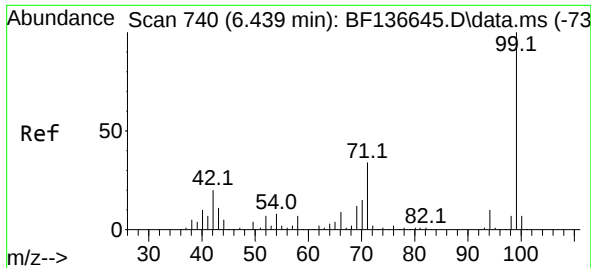
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#6
Aniline
Concen: 33.333 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 93 Resp: 206020
Ion Ratio Lower Upper
93 100
66 102.3 34.6 51.8#
65 66.1 17.8 26.8#





#7

Phenol-d6

Concen: 111.388 ng

RT: 6.445 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

Tgt Ion: 99 Resp: 68858

Ion Ratio Lower Upper

99 100

42 19.3 16.1 24.1

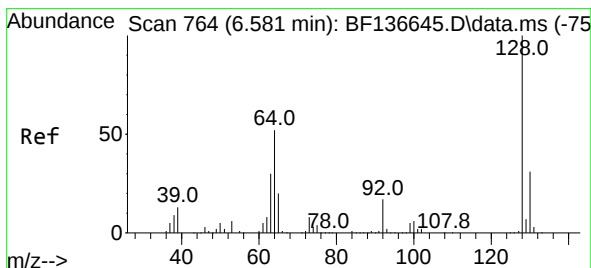
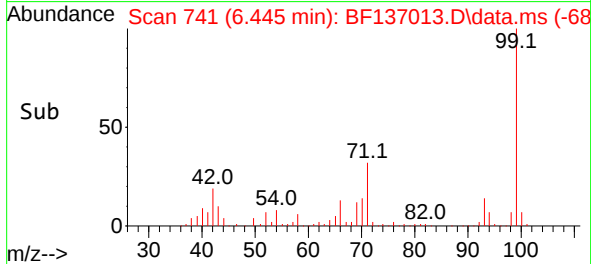
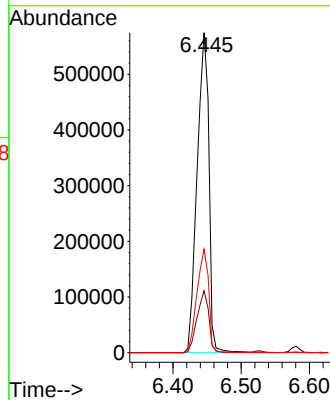
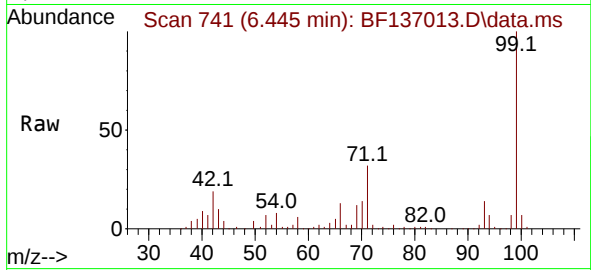
71 32.4 27.4 41.2

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.203 ng

RT: 6.581 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

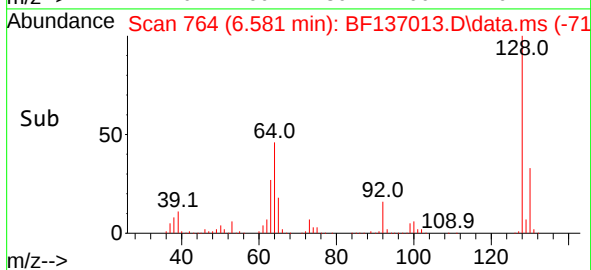
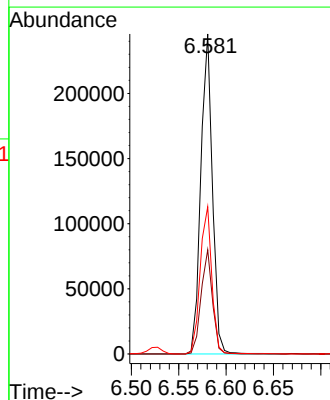
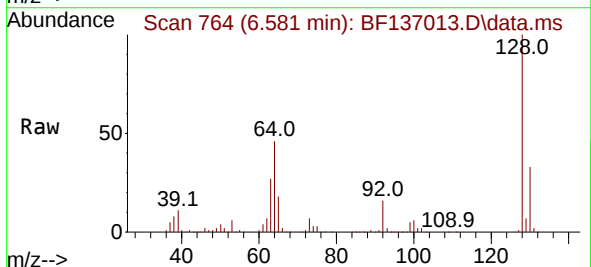
Tgt Ion:128 Resp: 209894

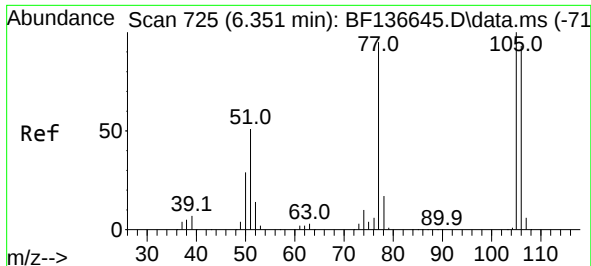
Ion Ratio Lower Upper

128 100

130 32.5 11.3 51.3

64 46.0 32.5 72.5





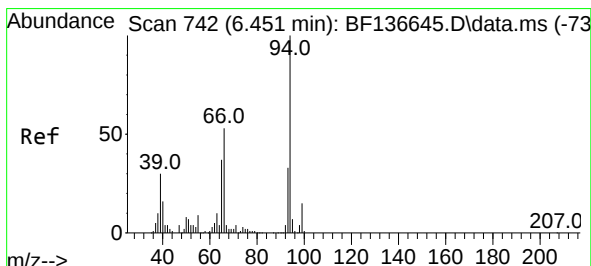
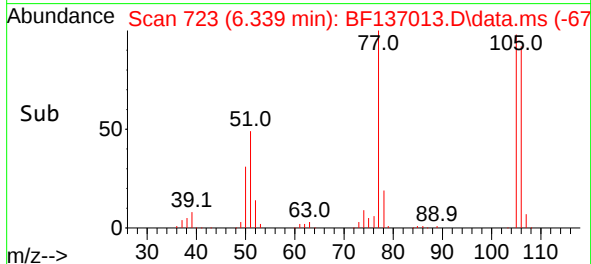
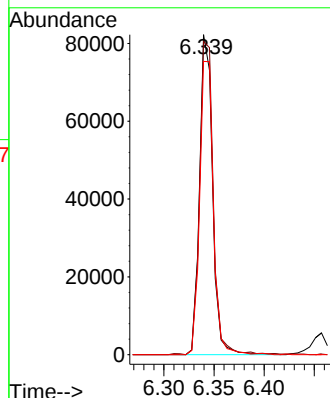
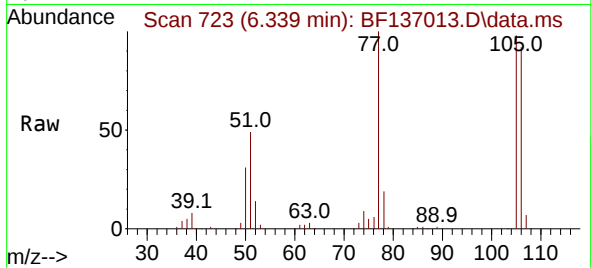
#9
Benzaldehyde
Concen: 21.172 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :
BNA_F
ClientSampleId :
PB158316BS

Tgt Ion: 77 Resp: 7444
Ion Ratio Lower Upper
77 100
105 97.9 84.8 124.8
106 91.6 77.8 117.8

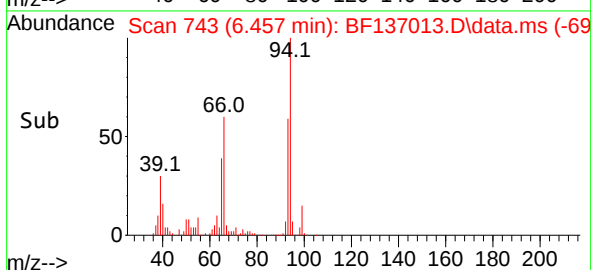
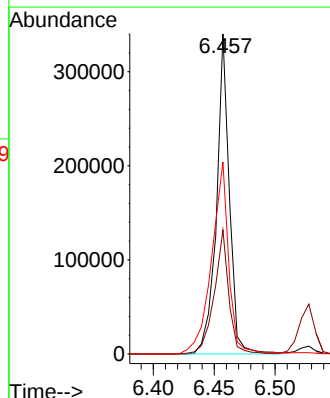
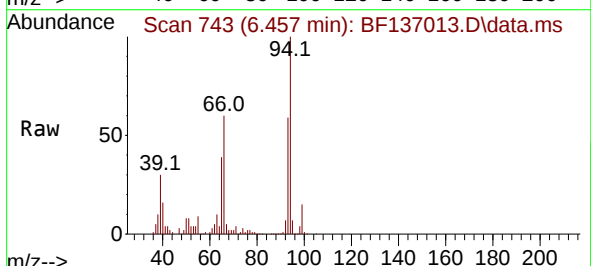
Manual Integrations
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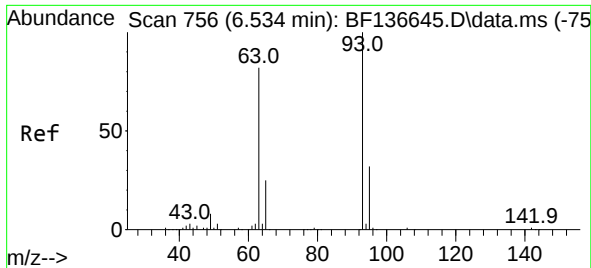
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#10
Phenol
Concen: 37.961 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 94 Resp: 250511
Ion Ratio Lower Upper
94 100
65 38.8 16.6 56.6
66 60.0 32.6 72.6





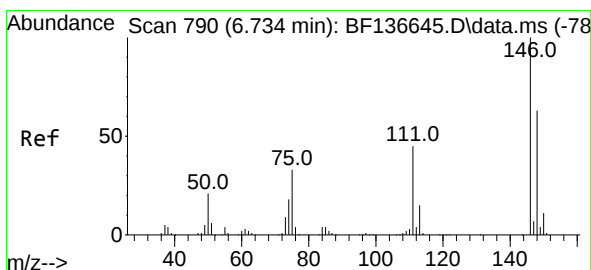
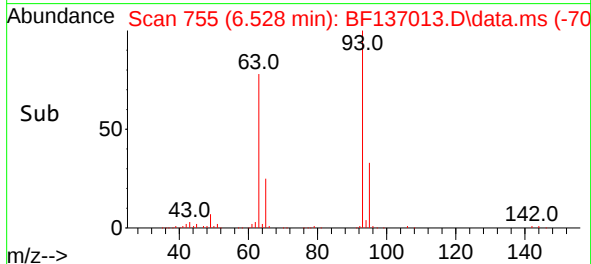
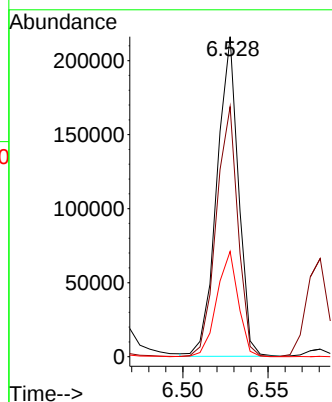
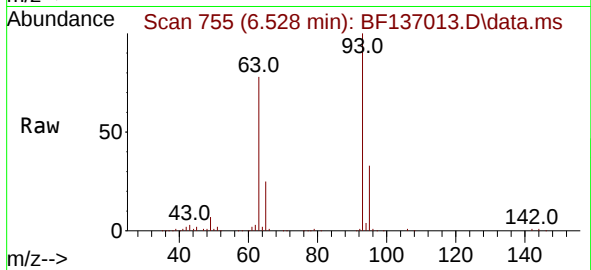
#11
bis(2-Chloroethyl)ether
Concen: 37.877 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :
BNA_F
ClientSampleId :
PB158316BS

Tgt Ion: 93 Resp: 190090
Ion Ratio Lower Upper
93 100
63 78.2 61.2 101.2
95 32.9 11.6 51.6

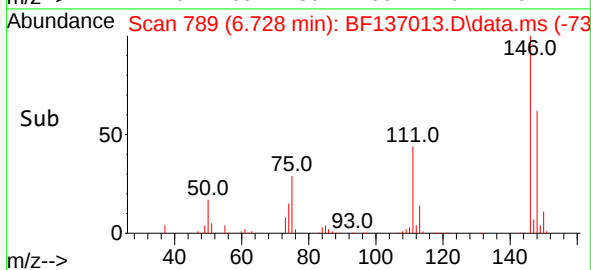
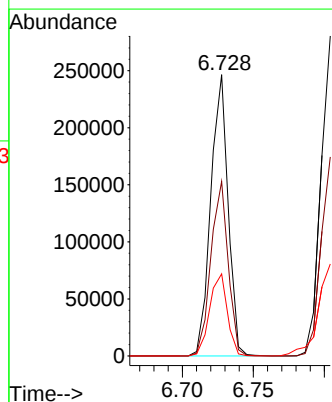
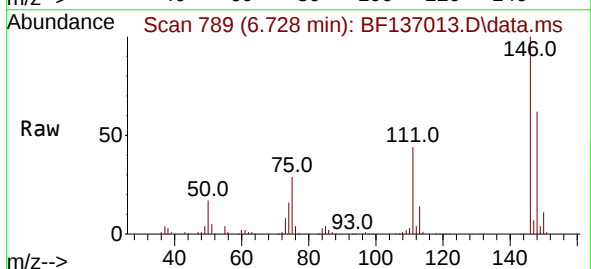
Manual Integrations
APPROVED

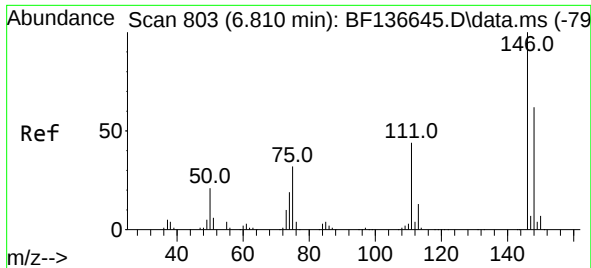
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#12
1,3-Dichlorobenzene
Concen: 36.609 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:146 Resp: 208506
Ion Ratio Lower Upper
146 100
148 62.0 50.5 75.7
75 29.2 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 36.770 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

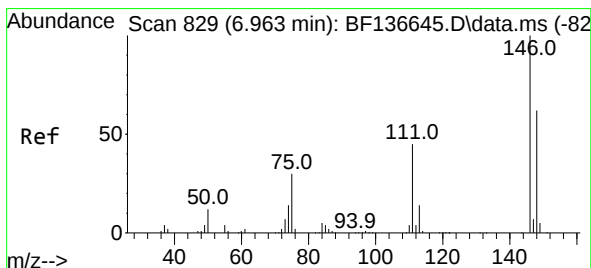
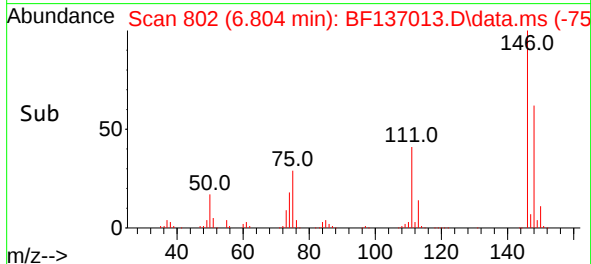
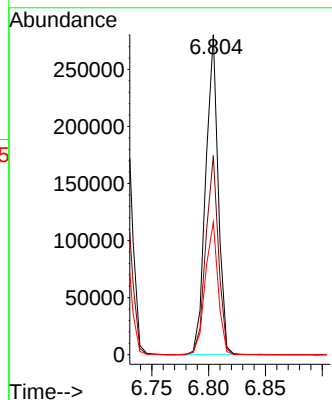
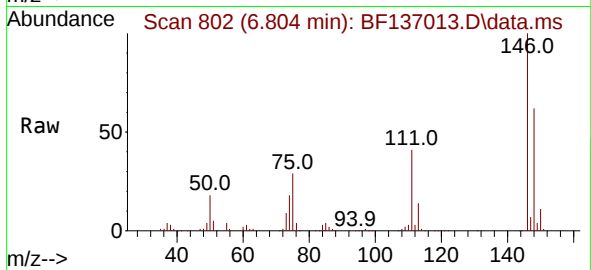
ClientSampleId :

PB158316BS

Tgt Ion:146 Resp: 21398
Ion Ratio Lower Upper
146 100
148 62.2 49.2 73.8
111 41.4 35.2 52.8

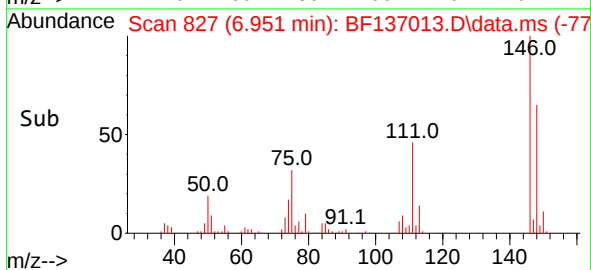
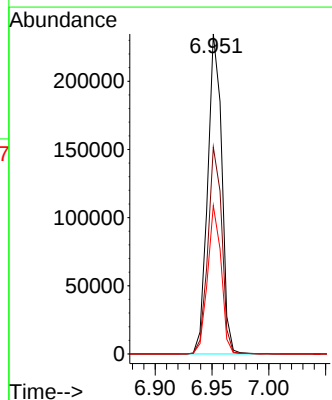
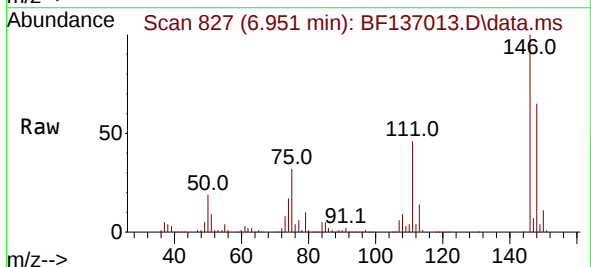
Manual Integrations
APPROVED

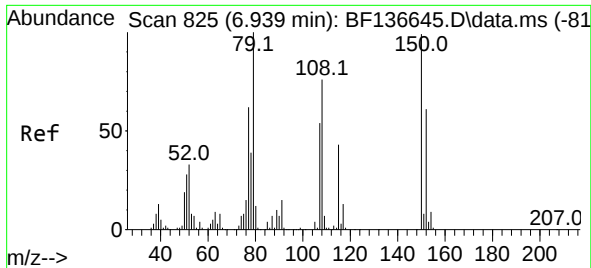
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#14
1,2-Dichlorobenzene
Concen: 37.385 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

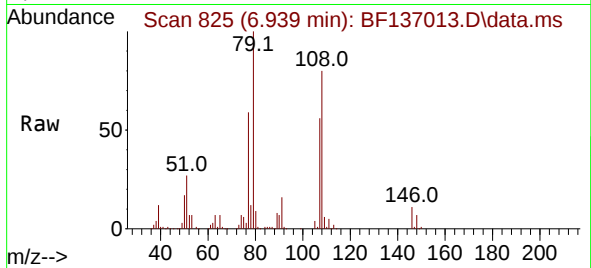
Tgt Ion:146 Resp: 202446
Ion Ratio Lower Upper
146 100
148 64.7 49.6 74.4
111 46.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 40.255 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

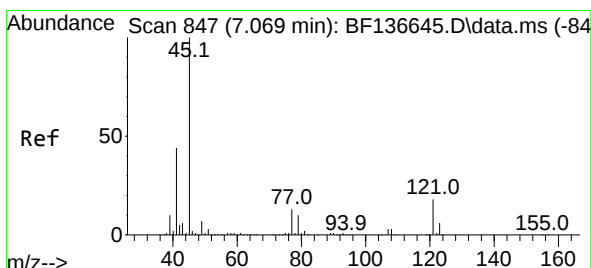
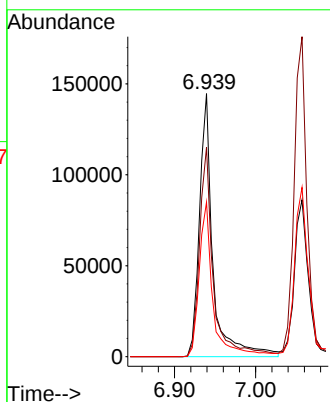
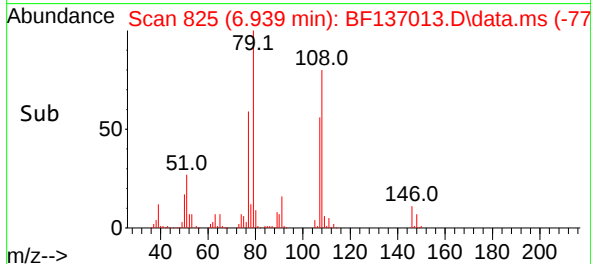
Instrument :
BNA_F
ClientSampleId :
PB158316BS



Tgt Ion: 79 Resp: 16788
Ion Ratio Lower Upper
79 100
108 79.6 61.0 91.6
77 58.7 49.8 74.8

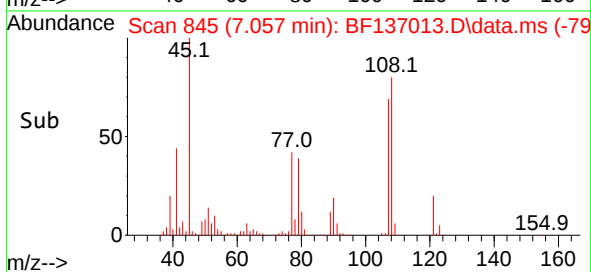
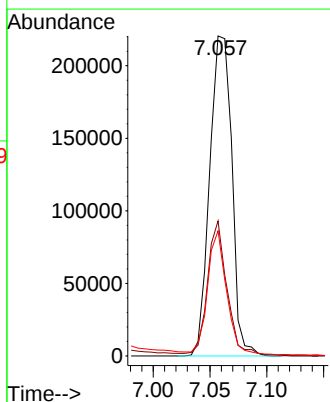
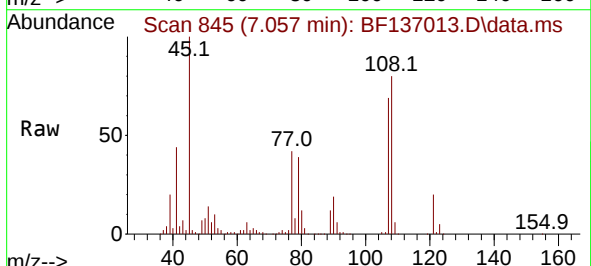
Manual Integrations
APPROVED

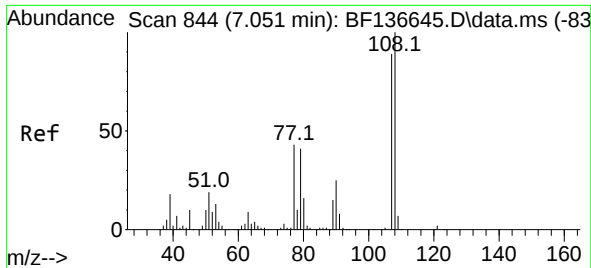
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.512 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 45 Resp: 299583
Ion Ratio Lower Upper
45 100
77 42.2 0.0 34.3#
79 39.1 0.0 31.4#





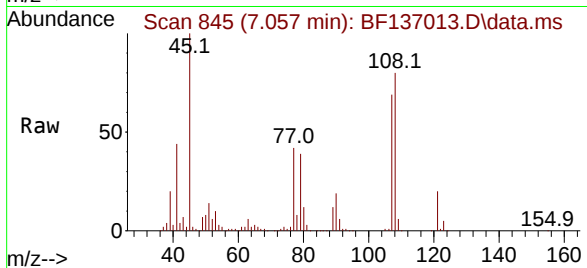
#17
2-Methylphenol
Concen: 38.818 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

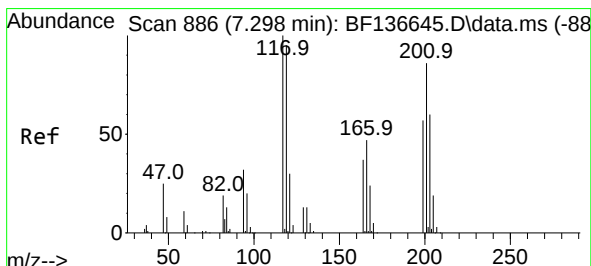
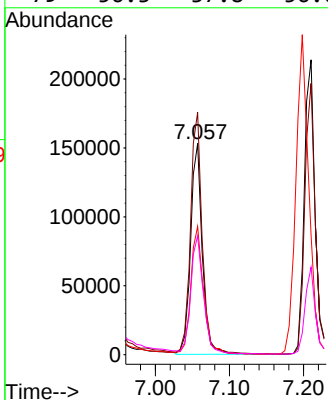
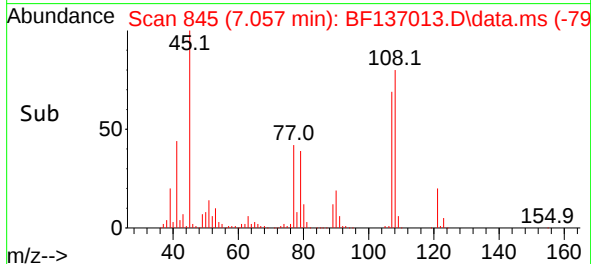


Tgt Ion:107 Resp: 167894
Ion Ratio Lower Upper
107 100
108 114.8 90.3 135.5
77 60.7 38.7 58.1
79 56.3 37.8 56.6

Manual Integrations

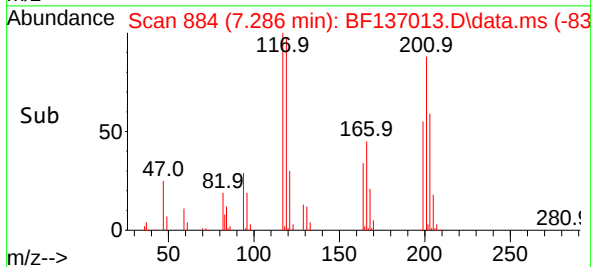
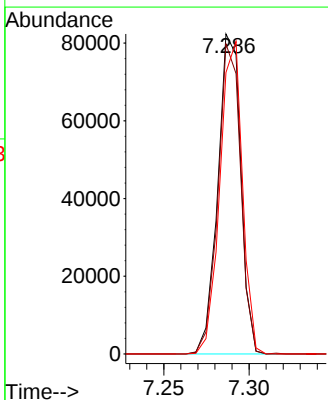
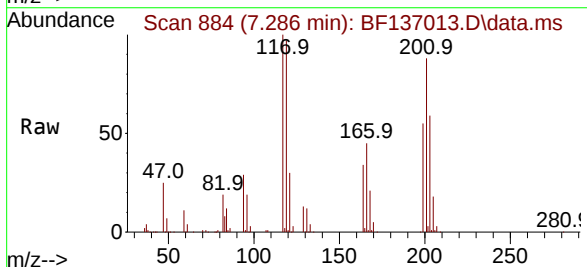
APPROVED

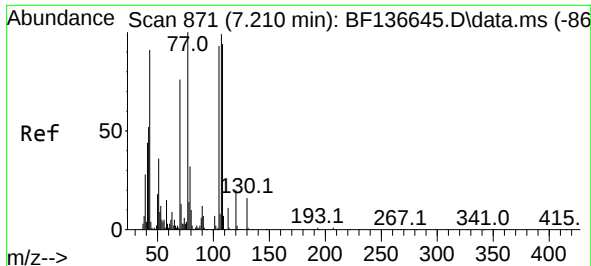
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#18
Hexachloroethane
Concen: 36.522 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:117 Resp: 77187
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.6
201 87.9 69.1 103.7





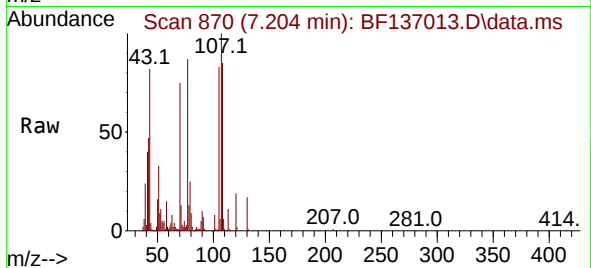
#19
n-Nitroso-di-n-propylamine
Concen: 38.327 ng
RT: 7.204 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

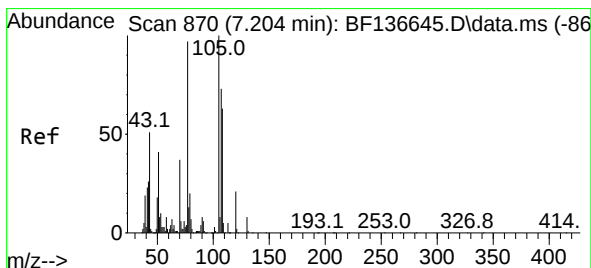
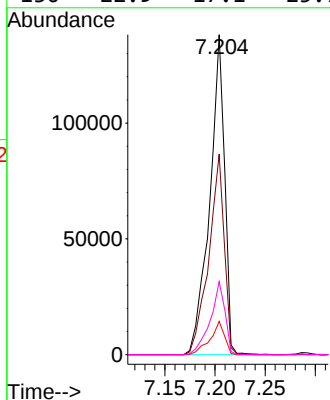
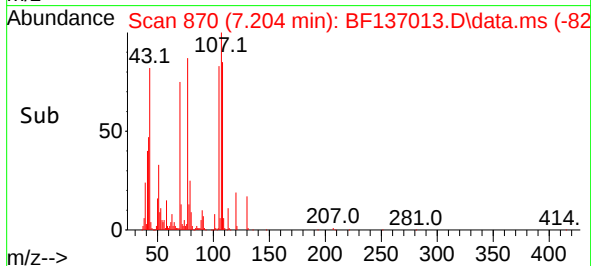
PB158316BS



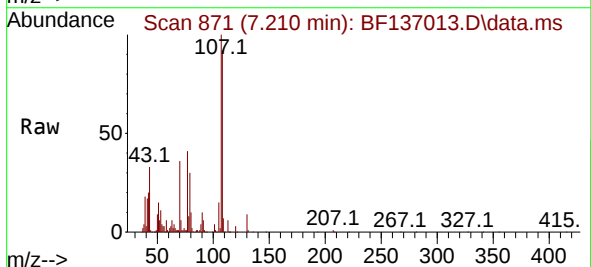
Tgt Ion: 70 Resp: 143620
Ion Ratio Lower Upper
70 100
42 62.7 54.2 81.4
101 10.4 7.6 11.4
130 22.9 17.1 25.7

Manual Integrations
APPROVED

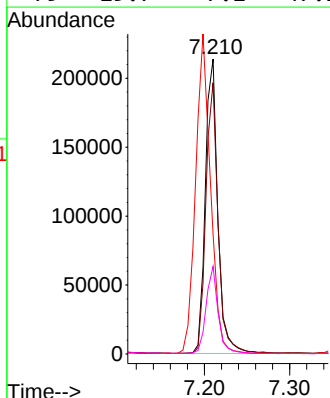
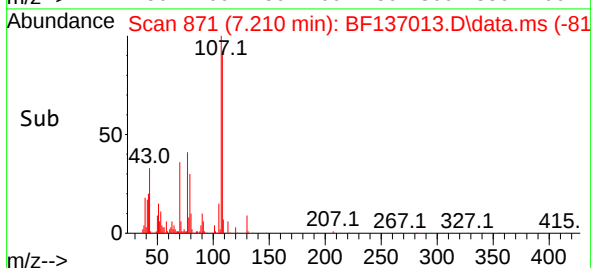
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

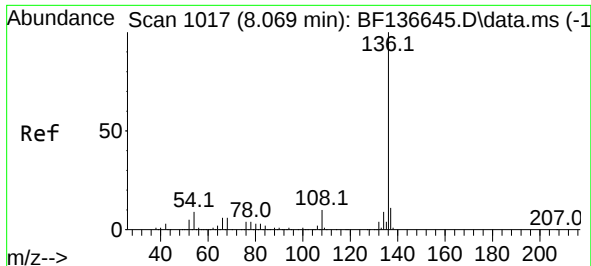


#20
3+4-Methylphenols
Concen: 40.252 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion:107 Resp: 217500
Ion Ratio Lower Upper
107 100
108 92.0 66.0 106.0
77 40.6 114.2 154.2#
79 29.7 7.2 47.2





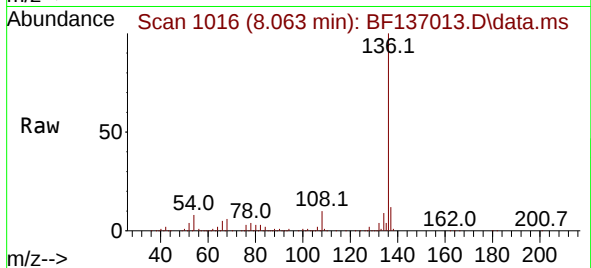
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS



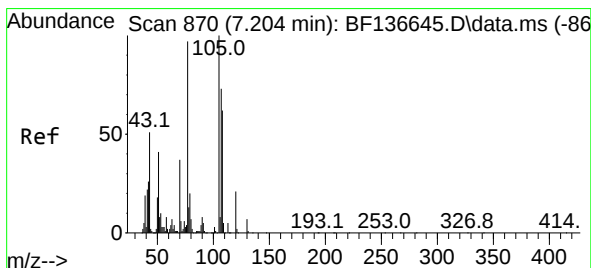
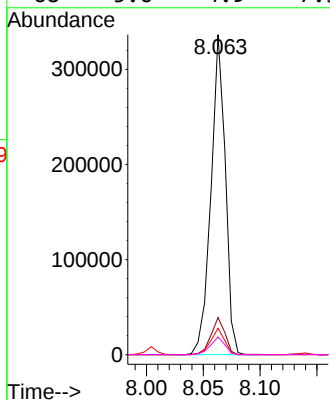
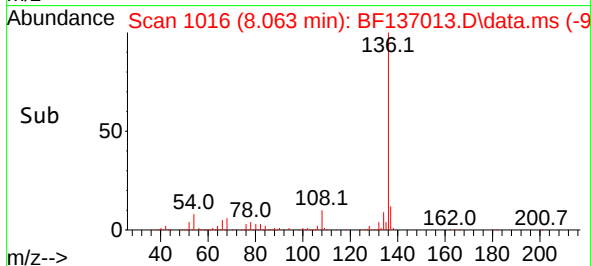
Tgt Ion:136 Resp: 296117
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 8.2 7.2 10.8
68 5.6 4.9 7.3

Manual Integrations

APPROVED

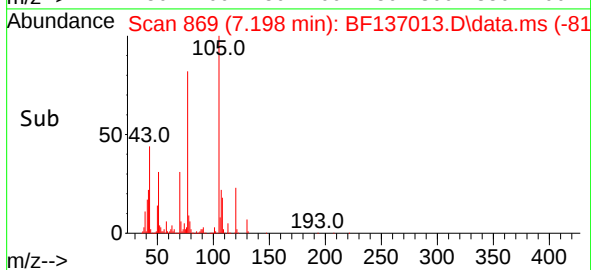
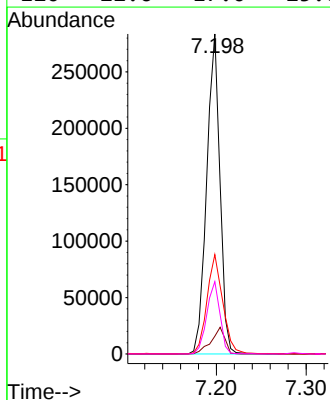
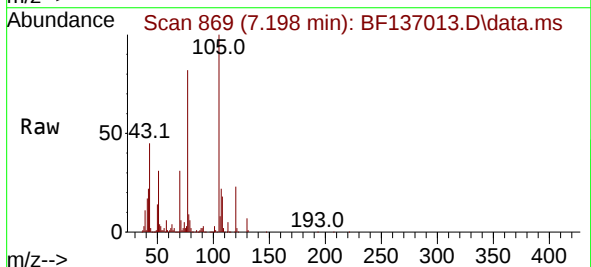
Reviewed By :Yogesh Patel 01/11/2024

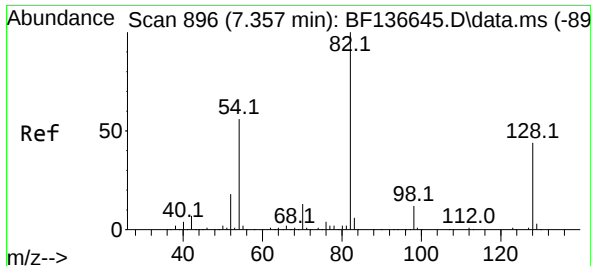
Supervised By :mohammad ahmed 01/12/2024



#22
Acetophenone
Concen: 39.209 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:105 Resp: 291013
Ion Ratio Lower Upper
105 100
71 5.5 4.8 7.2
51 31.1 32.8 49.2#
120 22.6 17.0 25.6





#23
Nitrobenzene-d5
Concen: 72.507 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

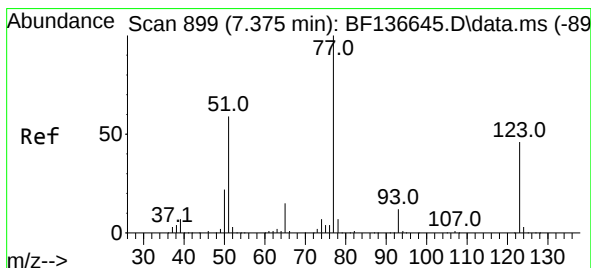
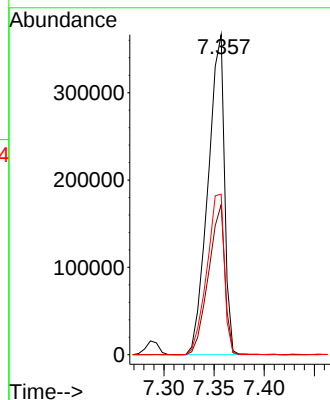
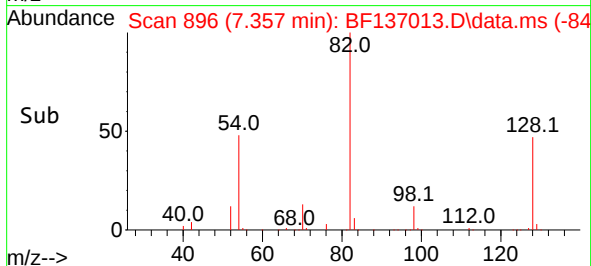
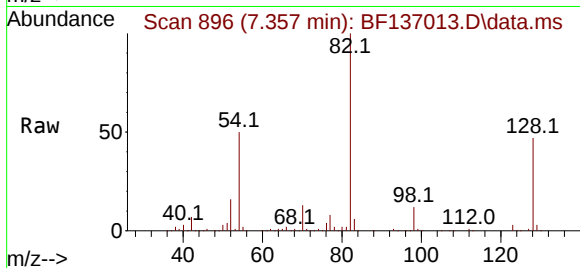
ClientSampleId :

PB158316BS

Tgt Ion: 82 Resp: 419584
Ion Ratio Lower Upper
82 100
128 46.9 35.3 52.9
54 50.1 44.5 66.7

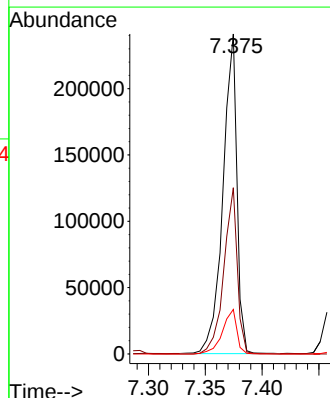
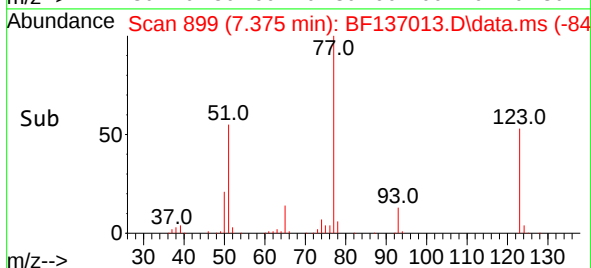
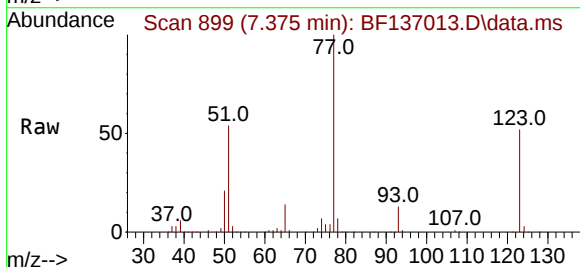
Manual Integrations
APPROVED

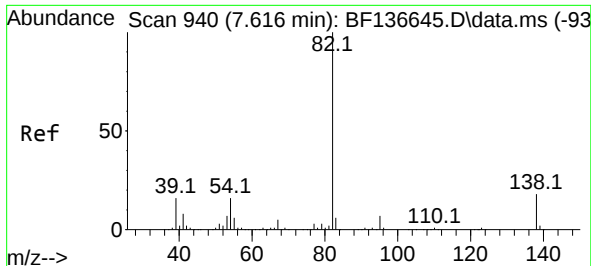
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#24
Nitrobenzene
Concen: 35.694 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

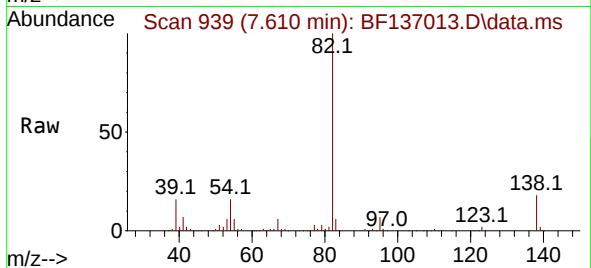
Tgt Ion: 77 Resp: 206914
Ion Ratio Lower Upper
77 100
123 51.9 36.7 55.1
65 13.9 11.8 17.6





#25
Isophorone
Concen: 37.520 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

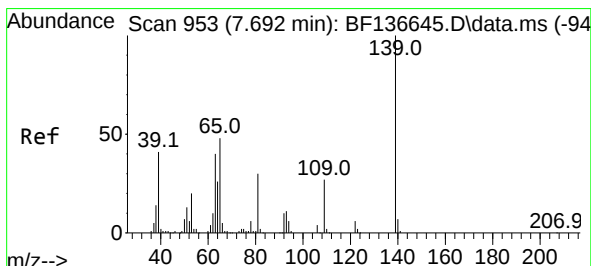
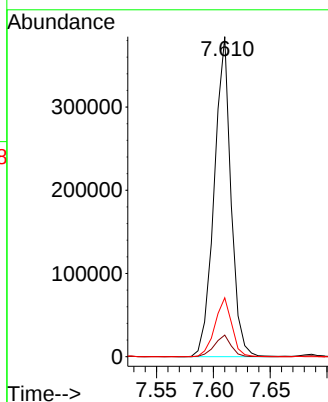
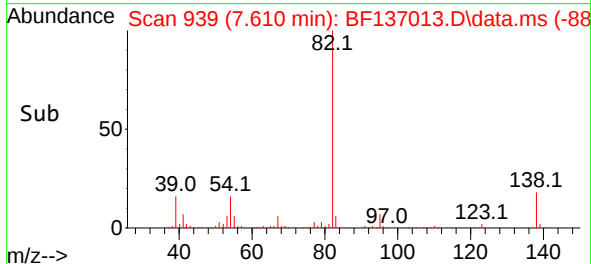
Instrument :
BNA_F
ClientSampleId :
PB158316BS



Tgt Ion: 82 Resp: 395078
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.4 14.5 21.7

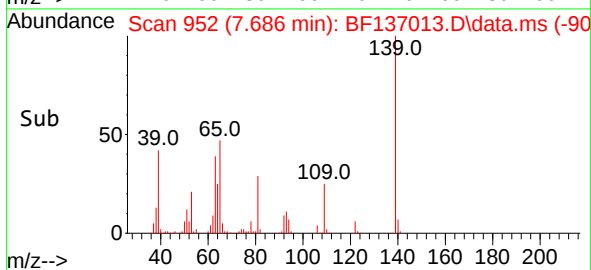
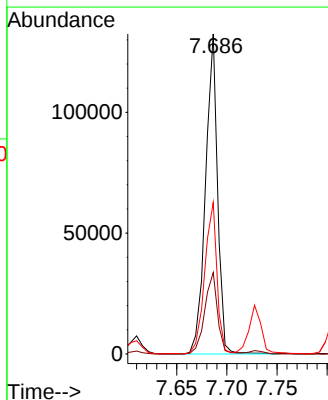
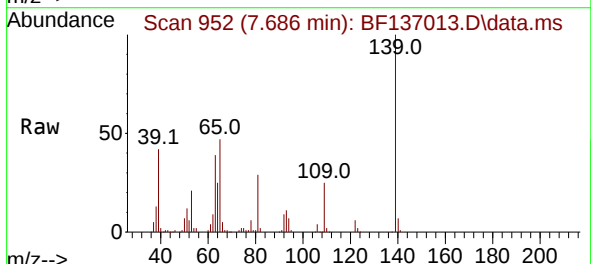
Manual Integrations
APPROVED

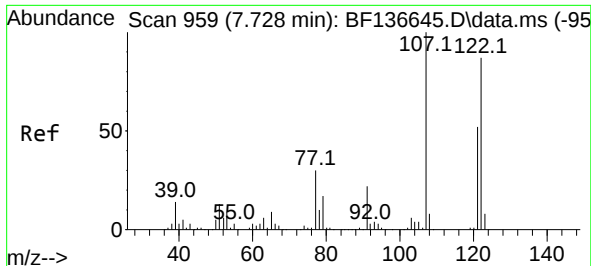
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#26
2-Nitrophenol
Concen: 40.168 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:139 Resp: 111406
Ion Ratio Lower Upper
139 100
109 25.5 21.9 32.9
65 47.4 38.6 58.0





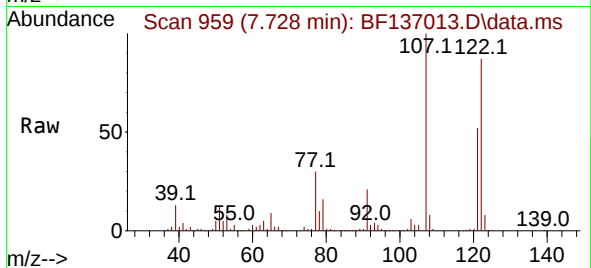
#27
2,4-Dimethylphenol
Concen: 55.951 ng
RT: 7.728 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

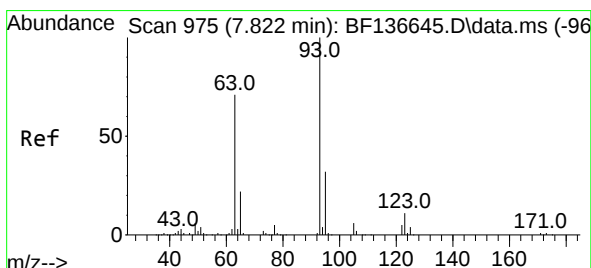
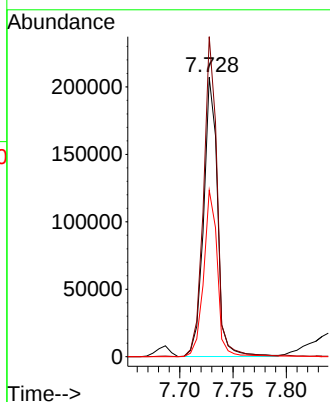
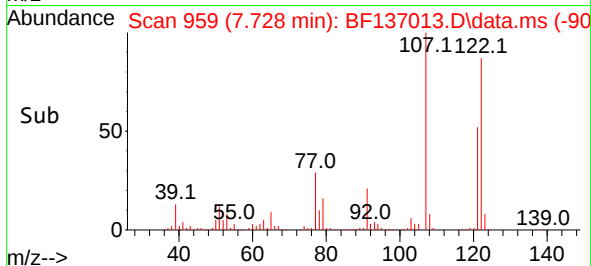


Tgt Ion:122 Resp: 188922
Ion Ratio Lower Upper
122 100
107 114.5 92.0 138.0
121 59.6 47.5 71.3

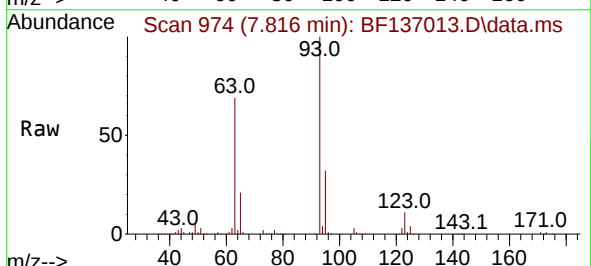
Manual Integrations

APPROVED

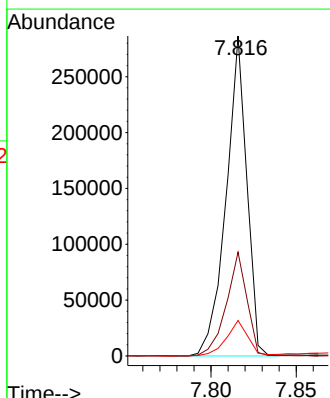
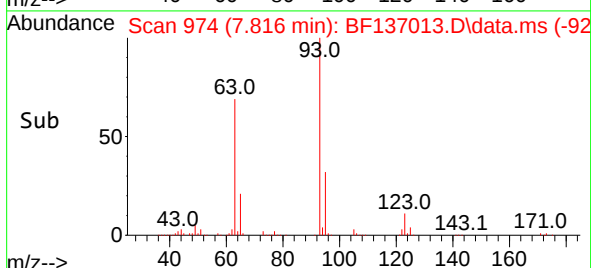
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

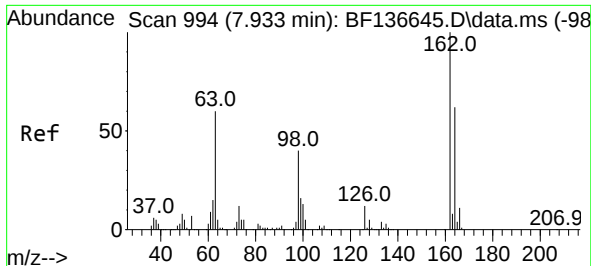


#28
bis(2-Chloroethoxy)methane
Concen: 37.783 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion: 93 Resp: 241831
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.934 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

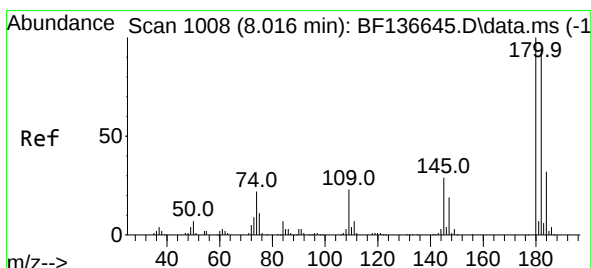
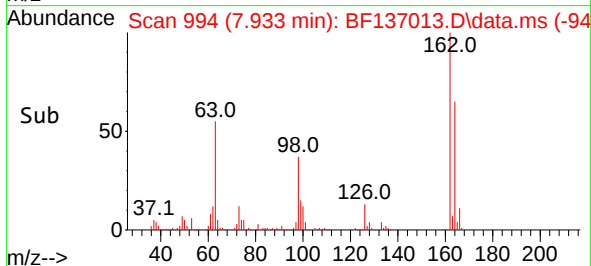
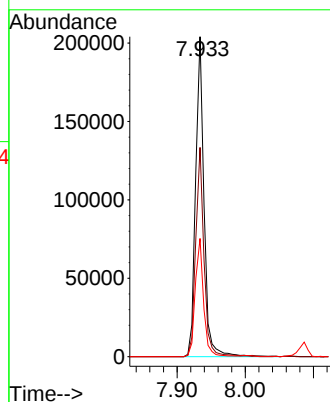
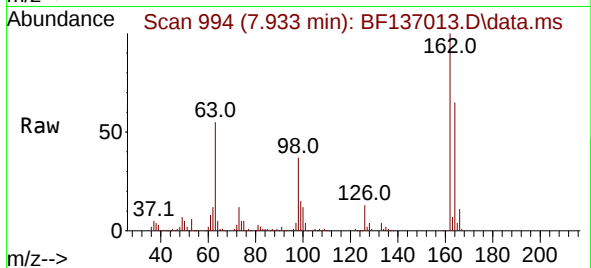
Tgt Ion:	162	Resp:	173592
Ion Ratio	Lower	Upper	
162	100		
164	65.4	41.7	81.7
98	36.9	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.483 ng

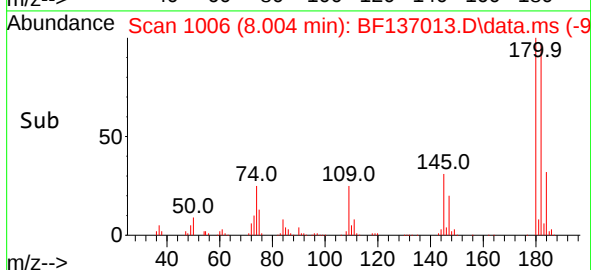
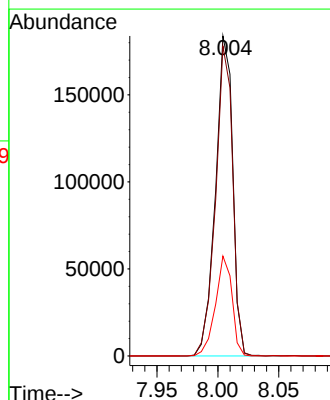
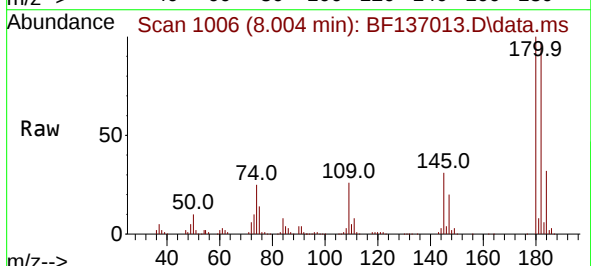
RT: 8.004 min Scan# 1006

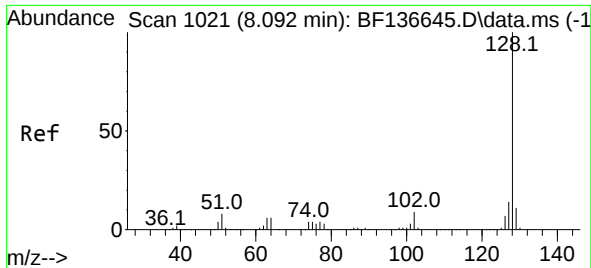
Delta R.T. -0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Tgt Ion:	180	Resp:	181543
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.4	113.0
145	31.2	23.1	34.7





#31
Naphthalene
Concen: 37.395 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

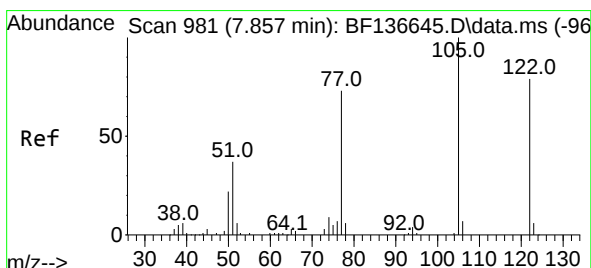
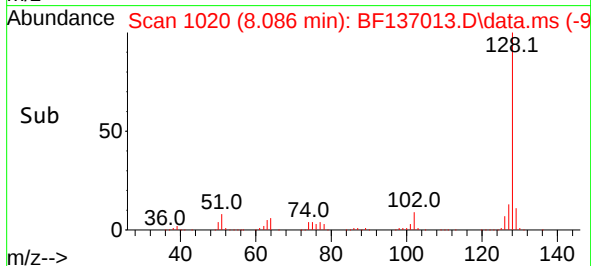
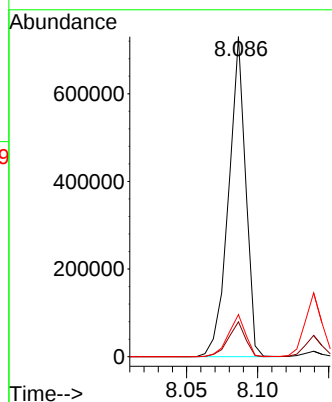
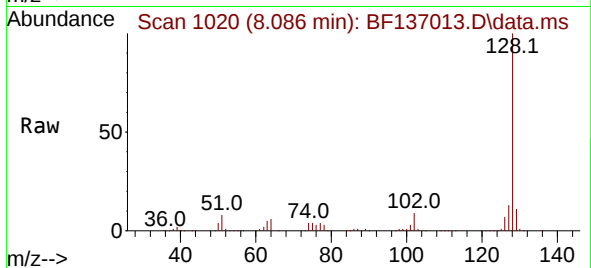
ClientSampleId :

PB158316BS

Tgt Ion:128 Resp: 60834
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.8 16.2

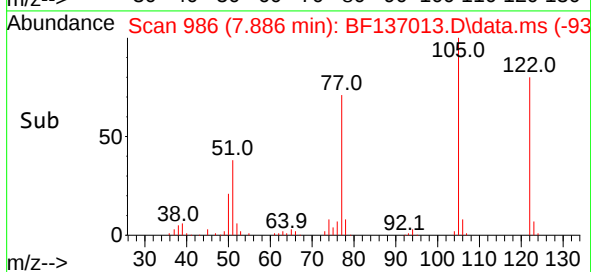
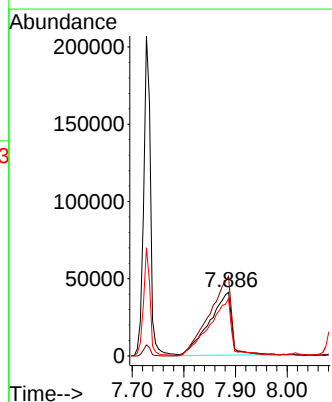
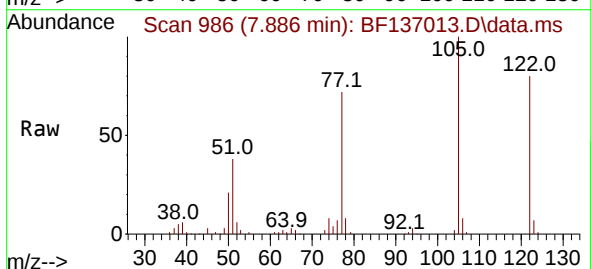
Manual Integrations
APPROVED

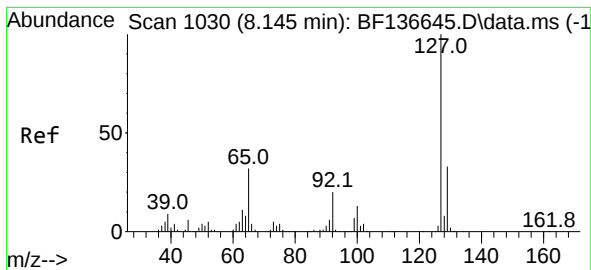
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#32
Benzoic acid
Concen: 38.255 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:122 Resp: 124979
Ion Ratio Lower Upper
122 100
105 125.2 100.8 140.8
77 89.9 70.9 110.9





#33

4-Chloroaniline

Concen: 21.908 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

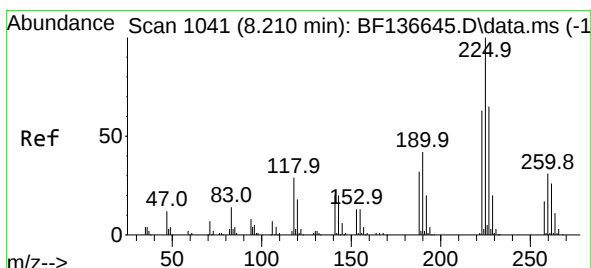
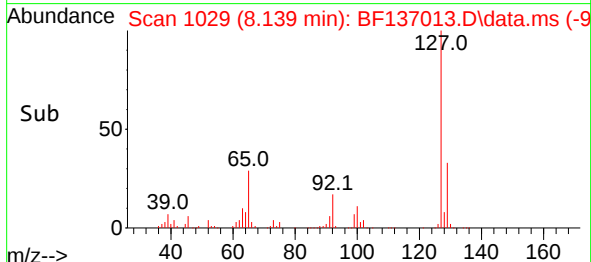
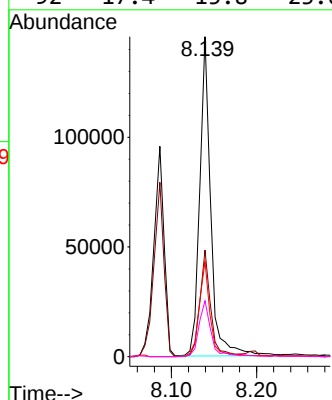
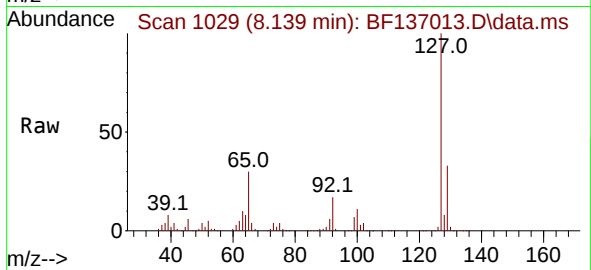
Tgt Ion:	127	Resp:	13158
Ion Ratio	Lower	Upper	
127	100		
129	33.3	26.3	39.5
65	29.8	25.8	38.8
92	17.4	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#34

Hexachlorobutadiene

Concen: 35.644 ng

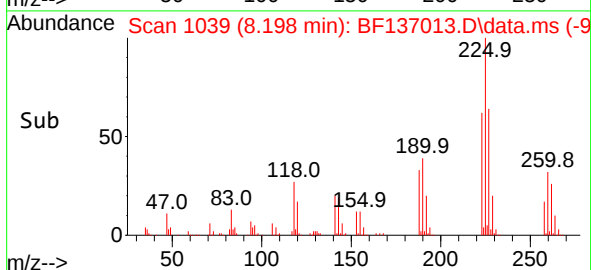
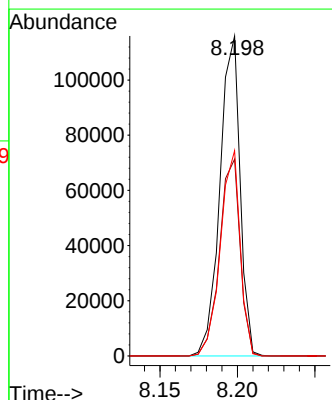
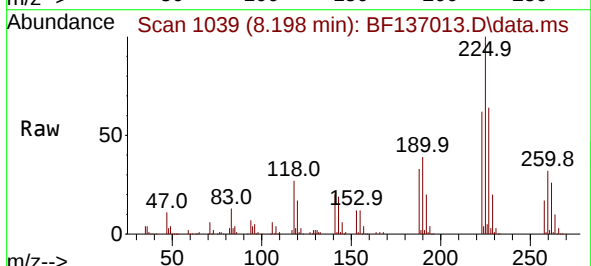
RT: 8.198 min Scan# 1039

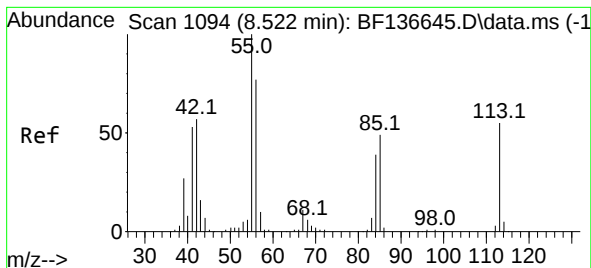
Delta R.T. -0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Tgt Ion:	225	Resp:	104889
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.6	76.0
227	64.2	51.9	77.9





#35

Caprolactam

Concen: 42.766 ng m

RT: 8.528 min Scan# 1094

Delta R.T. 0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

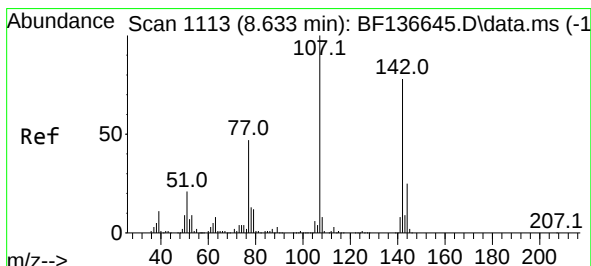
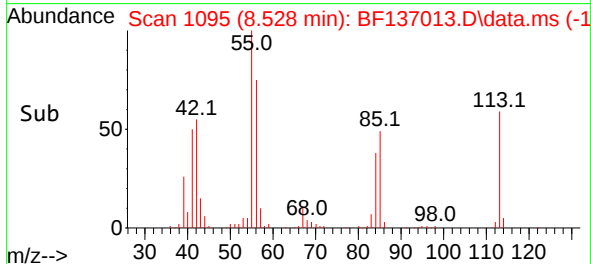
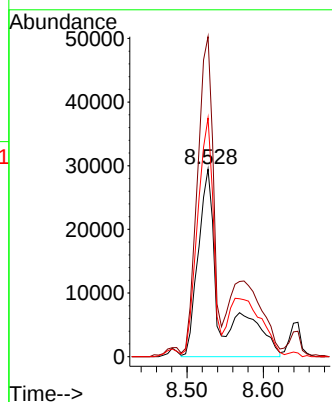
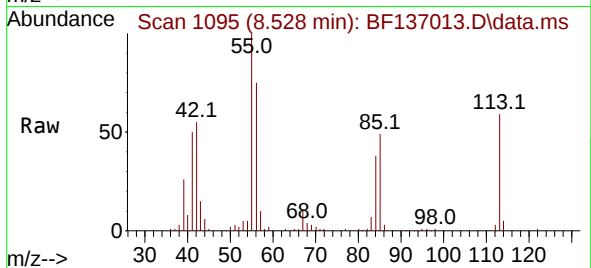
Tgt Ion:	113	Resp:	61329
Ion Ratio	Lower	Upper	
113	100		
55	170.7	163.1	203.1
56	127.3	121.7	161.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#36

4-Chloro-3-methylphenol

Concen: 40.075 ng

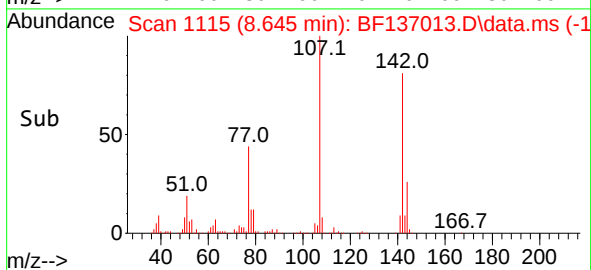
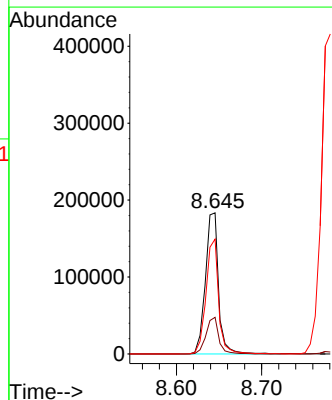
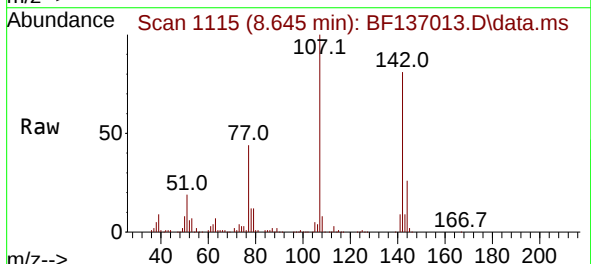
RT: 8.645 min Scan# 1115

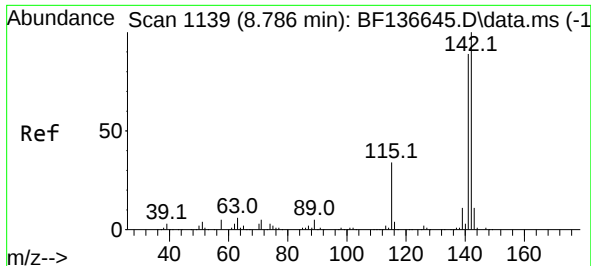
Delta R.T. 0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Tgt Ion:	107	Resp:	196118
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.2	30.2
142	81.5	62.3	93.5





#37
2-Methylnaphthalene
Concen: 37.946 ng
RT: 8.780 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

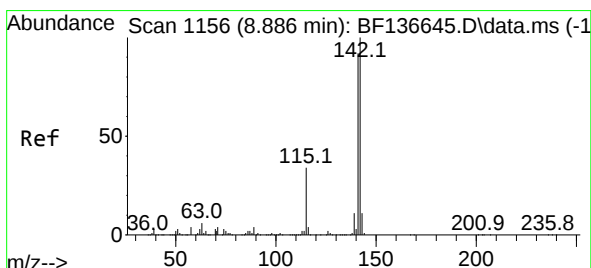
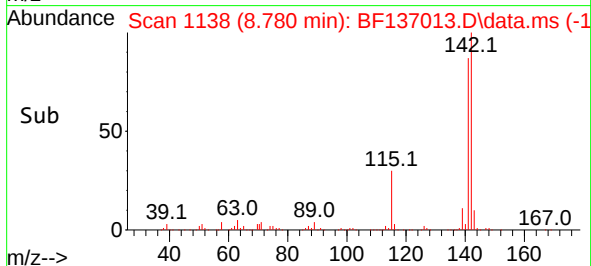
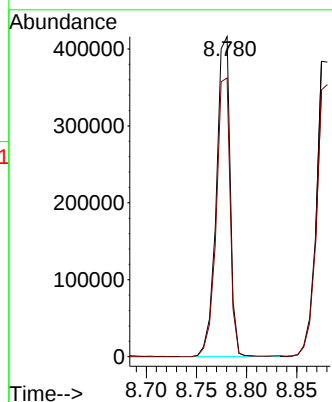
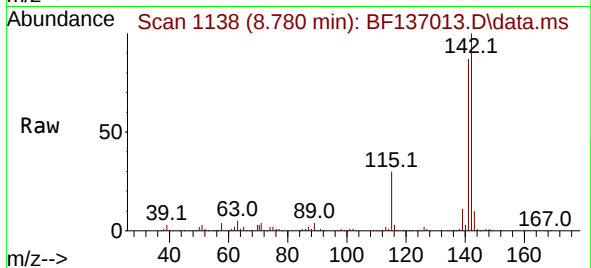
PB158316BS

Tgt Ion:142 Resp: 397272
Ion Ratio Lower Upper
142 100
141 87.1 71.1 106.7

Manual Integrations

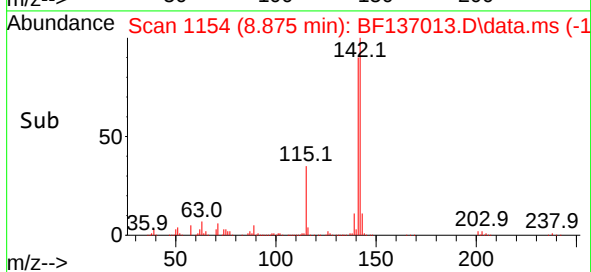
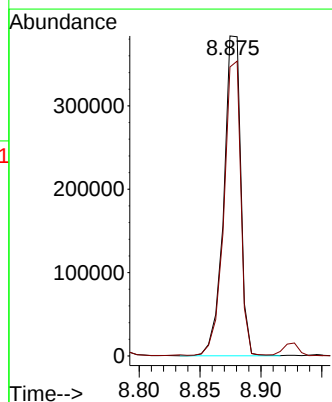
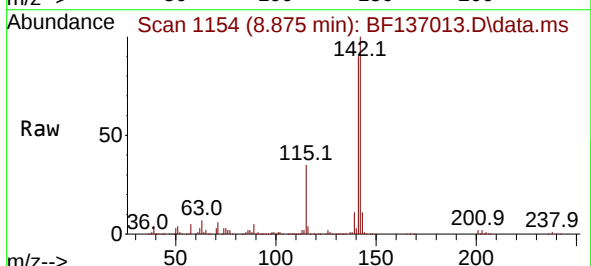
APPROVED

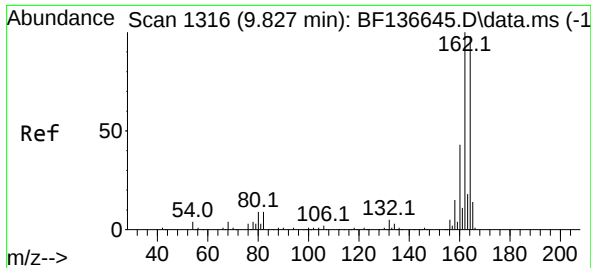
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#38
1-Methylnaphthalene
Concen: 36.268 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:142 Resp: 372528
Ion Ratio Lower Upper
142 100
141 90.3 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

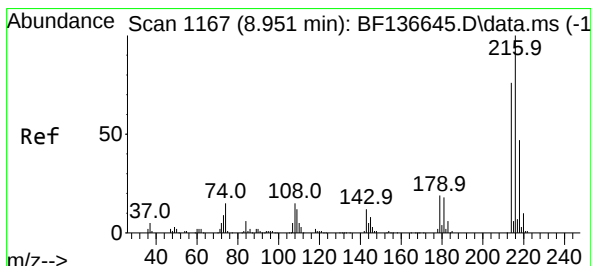
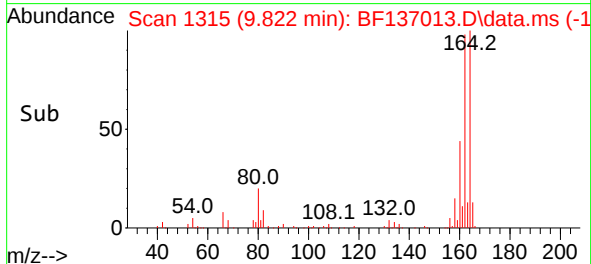
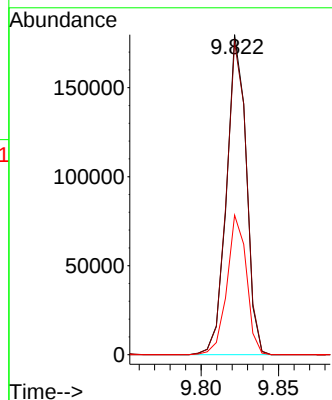
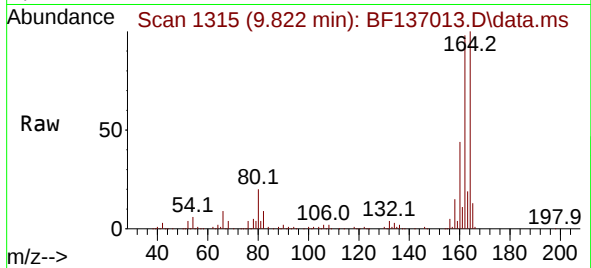
PB158316BS

Tgt Ion:164 Resp: 158639
Ion Ratio Lower Upper
164 100
162 97.6 81.6 122.4
160 43.6 34.9 52.3

Manual Integrations

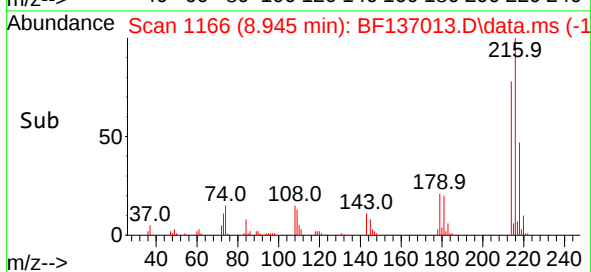
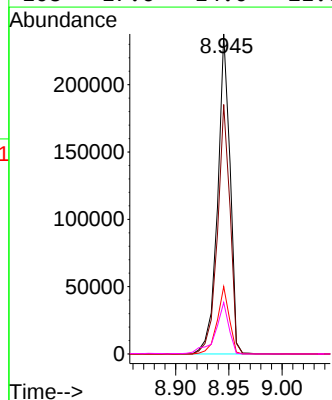
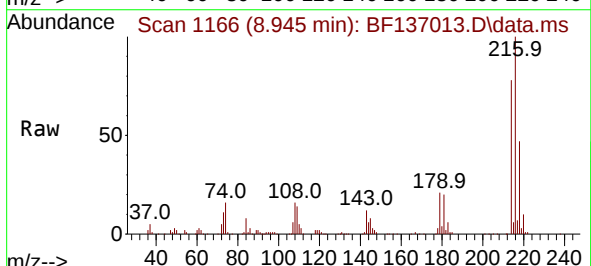
APPROVED

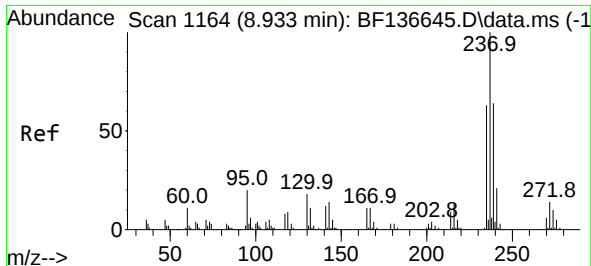
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.884 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:216 Resp: 191036
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 20.4 16.4 24.6
108 17.6 14.0 21.0





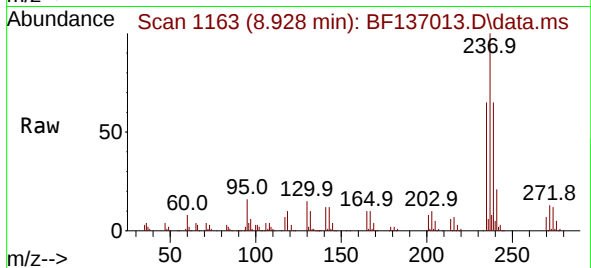
#41
Hexachlorocyclopentadiene
Concen: 71.997 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

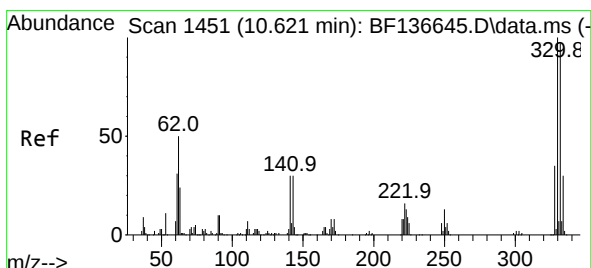
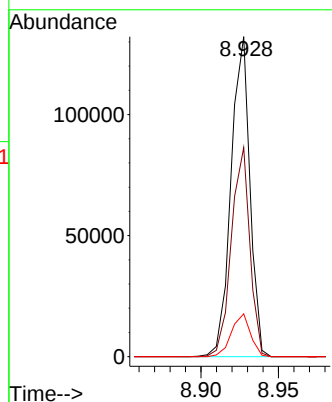
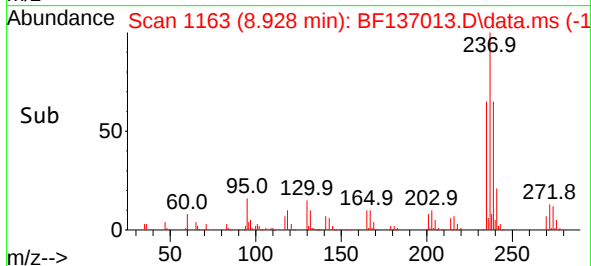


Tgt Ion:237 Resp: 111964
Ion Ratio Lower Upper
237 100
235 65.4 43.2 83.2
272 13.4 0.0 34.2

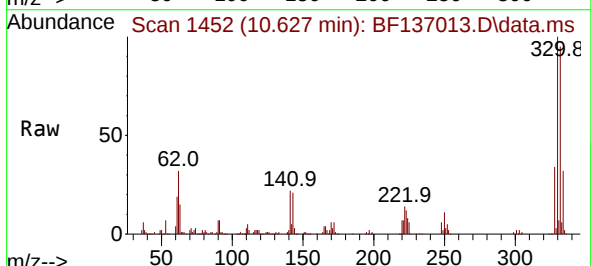
Manual Integrations

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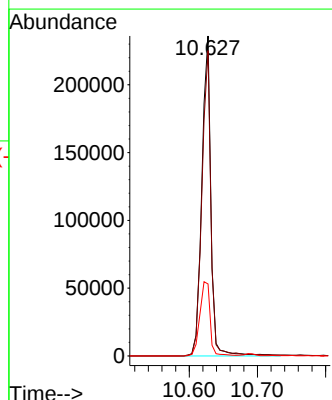
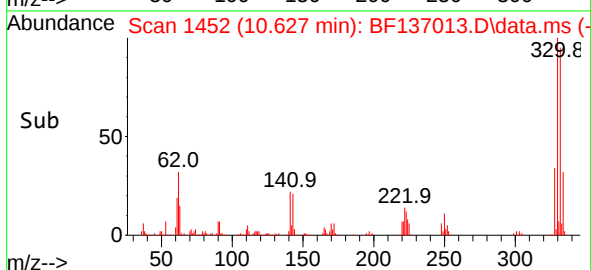
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

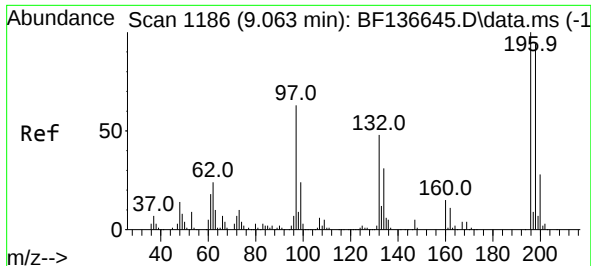


#42
2,4,6-Tribromophenol
Concen: 116.552 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



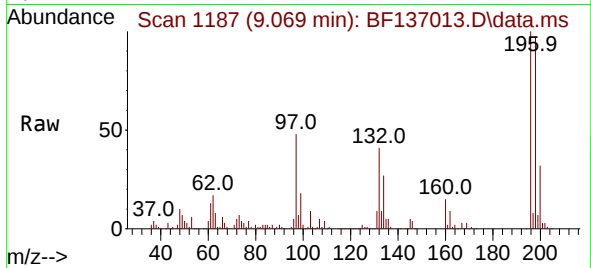
Tgt Ion:330 Resp: 217758
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 26.4 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 39.485 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

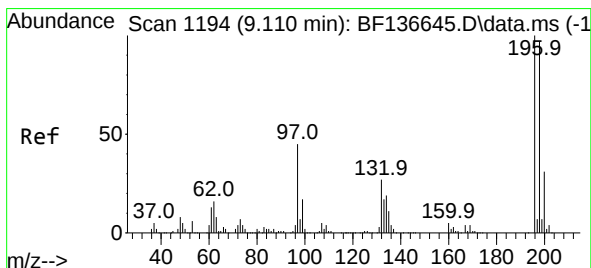
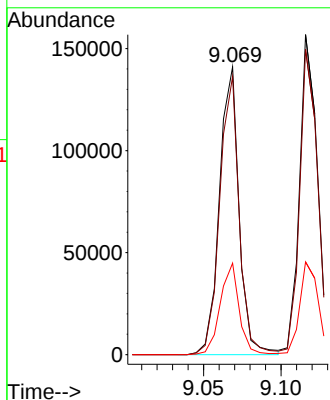
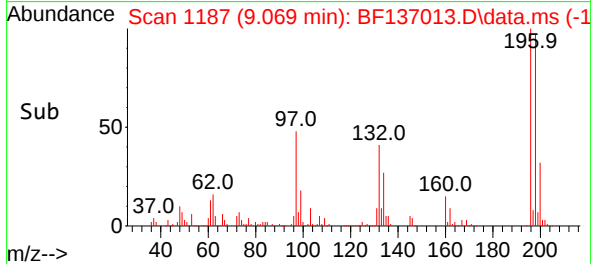
Instrument :
BNA_F
ClientSampleId :
PB158316BS



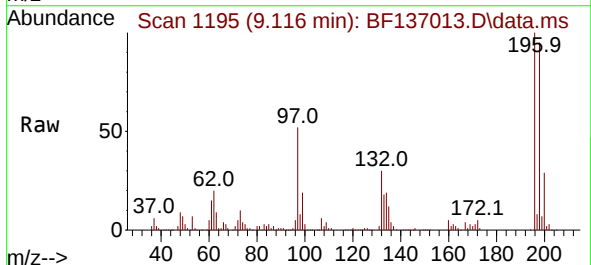
Tgt Ion:196 Resp: 124408
Ion Ratio Lower Upper
196 100
198 96.6 75.1 112.7
200 31.8 22.5 33.7

Manual Integrations
APPROVED

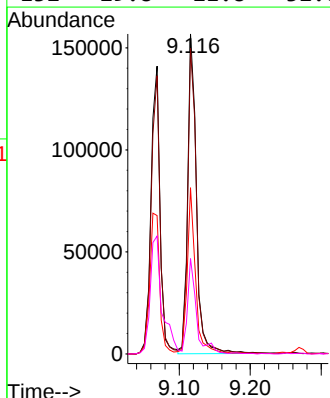
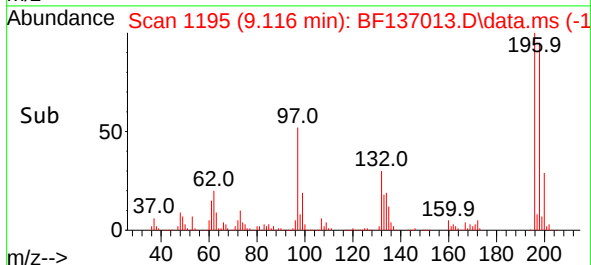
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

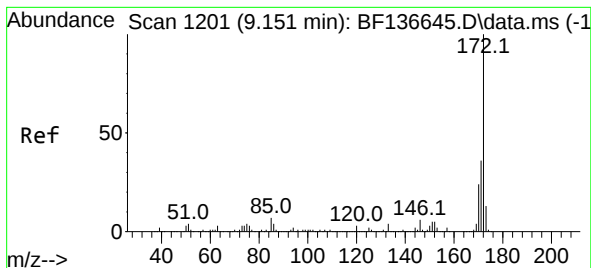


#44
2,4,5-Trichlorophenol
Concen: 38.467 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion:196 Resp: 135061
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.6
97 51.9 36.1 54.1
132 29.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 72.829 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

Tgt Ion:172 Resp: 859012

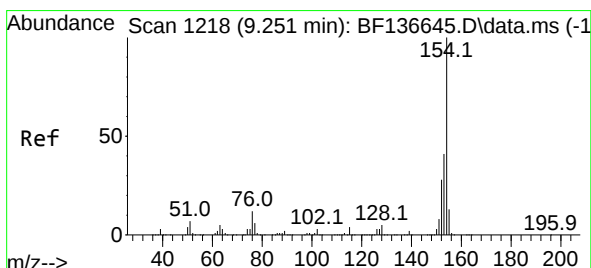
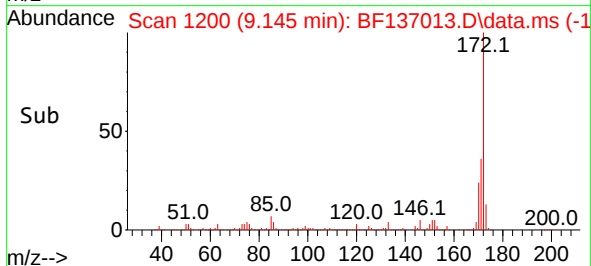
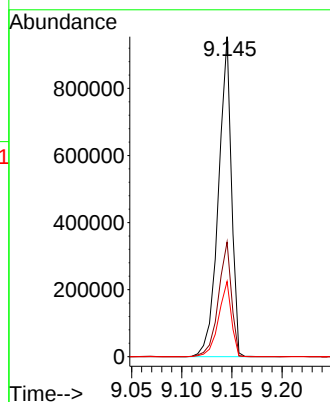
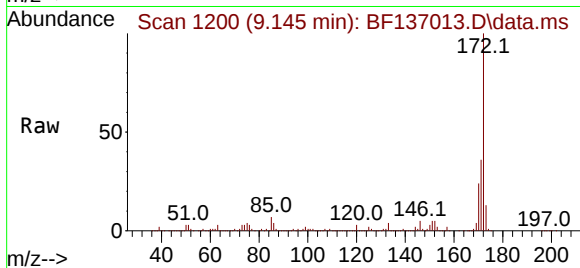
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.5	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#46

1,1'-Biphenyl

Concen: 38.394 ng

RT: 9.245 min Scan# 1217

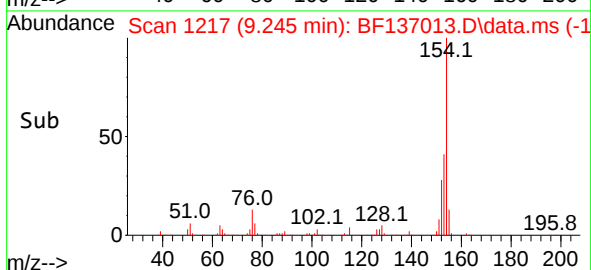
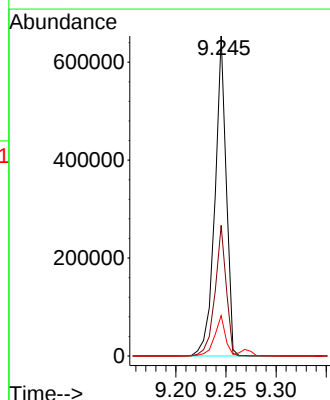
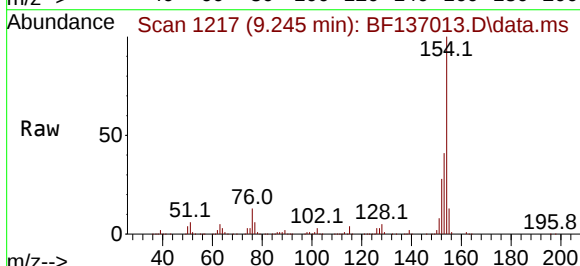
Delta R.T. -0.006 min

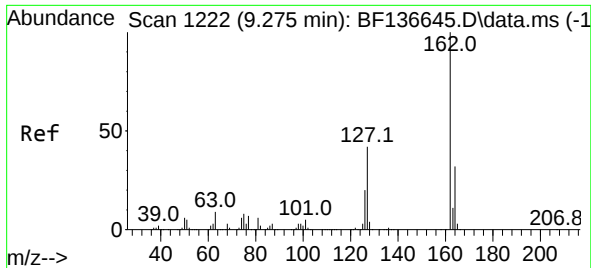
Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Tgt Ion:154 Resp: 511113

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	12.6	0.0	31.7





#47
2-Chloronaphthalene
Concen: 37.308 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

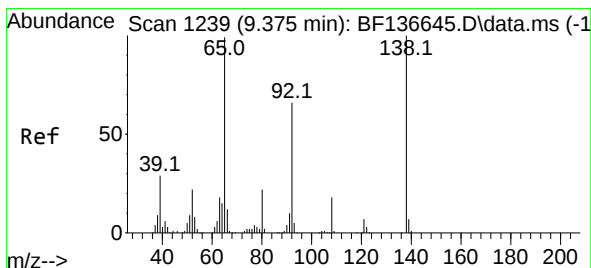
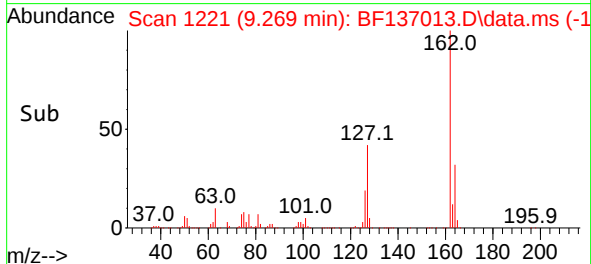
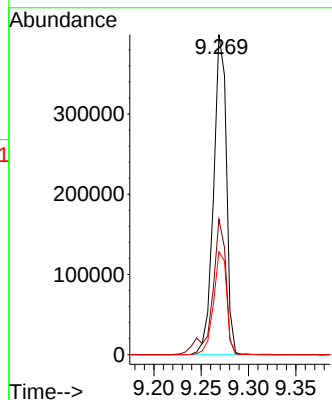
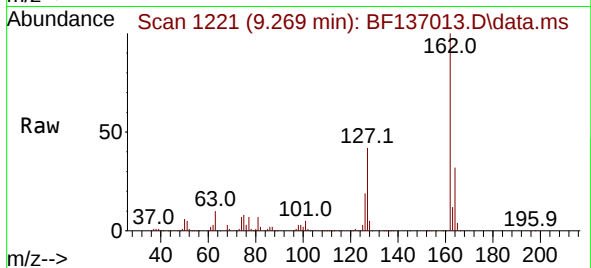
ClientSampleId :

PB158316BS

Tgt Ion:162 Resp: 37756
Ion Ratio Lower Upper
162 100
127 42.4 33.6 50.4
164 32.1 25.7 38.5

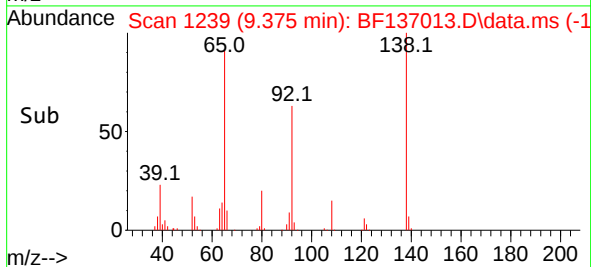
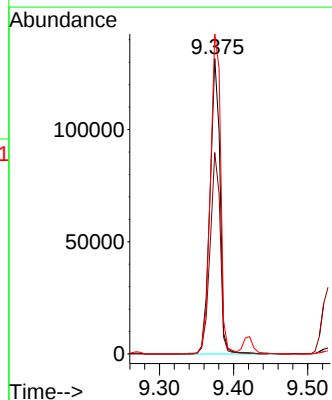
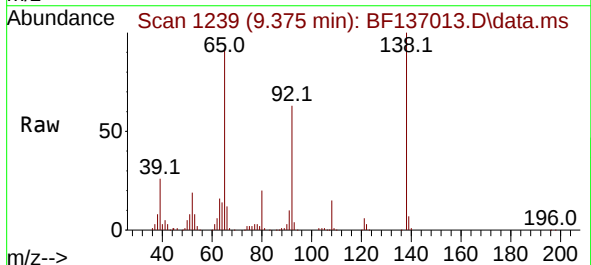
Manual Integrations
APPROVED

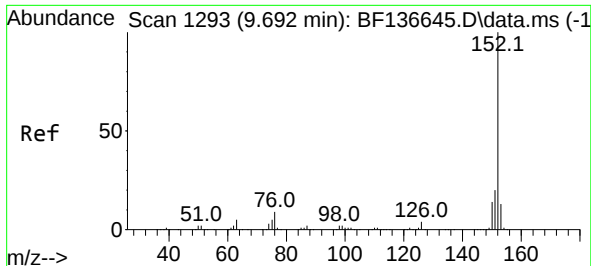
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#48
2-Nitroaniline
Concen: 39.146 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion: 65 Resp: 124058
Ion Ratio Lower Upper
65 100
92 68.2 53.2 79.8
138 108.4 81.1 121.7





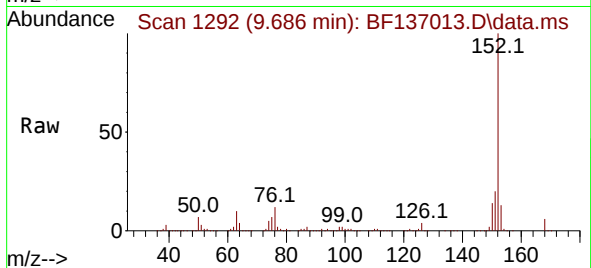
#49
Acenaphthylene
Concen: 39.260 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

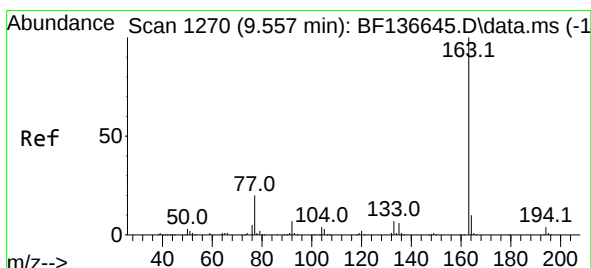
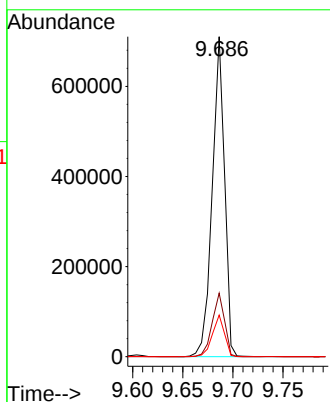
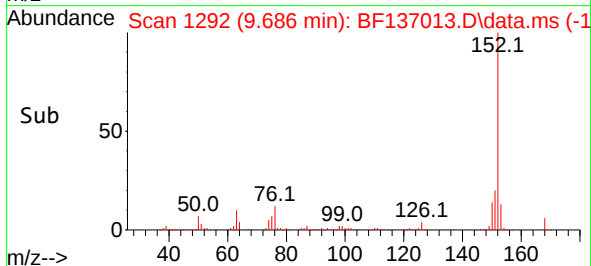


Tgt Ion:152 Resp: 607300
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.0 10.2 15.2

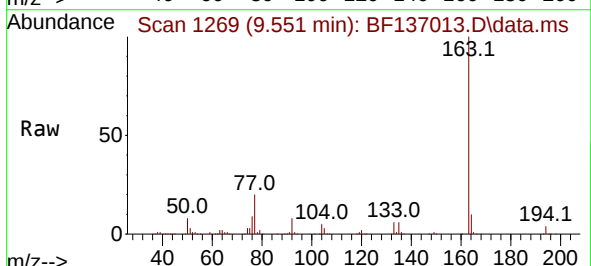
Manual Integrations

APPROVED

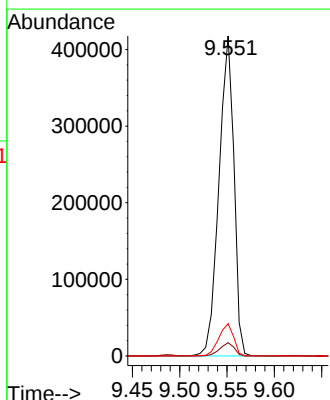
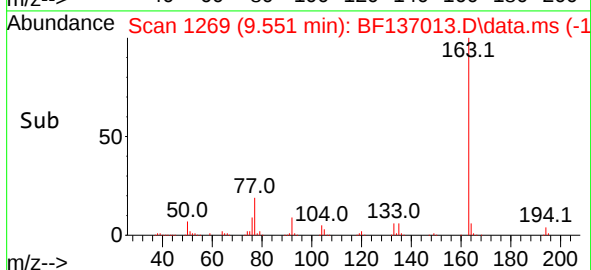
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

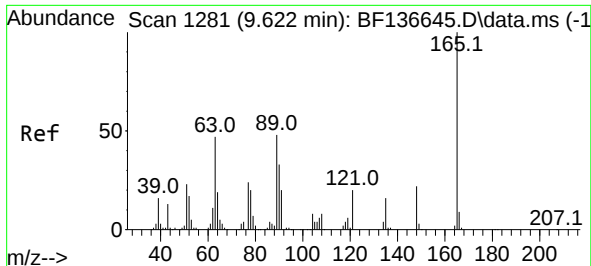


#50
Dimethylphthalate
Concen: 39.772 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion:163 Resp: 460857
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 38.424 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

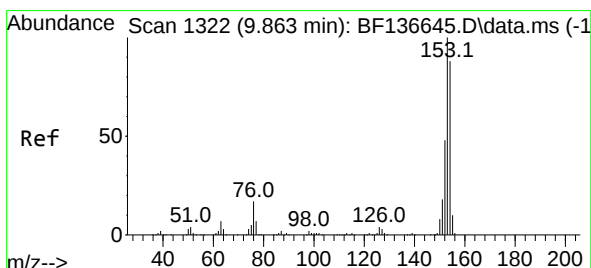
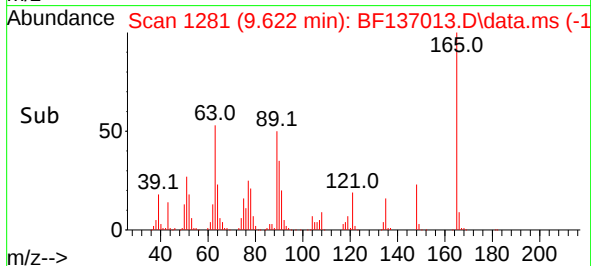
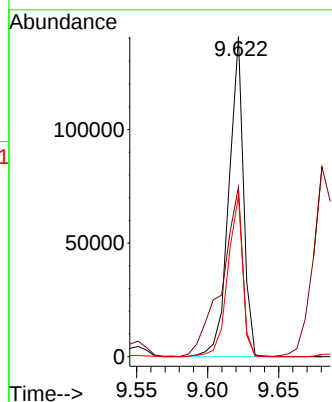
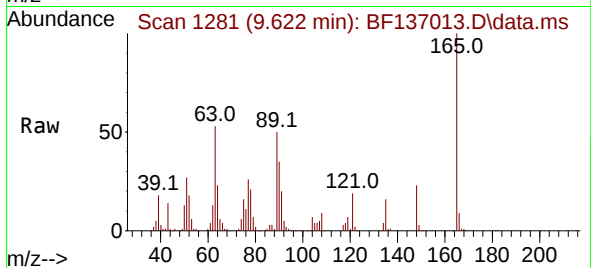
Tgt Ion:	165	Resp:	10104
Ion Ratio	Lower	Upper	
165	100		
63	53.0	39.8	59.6
89	50.3	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#52

Acenaphthene

Concen: 38.459 ng

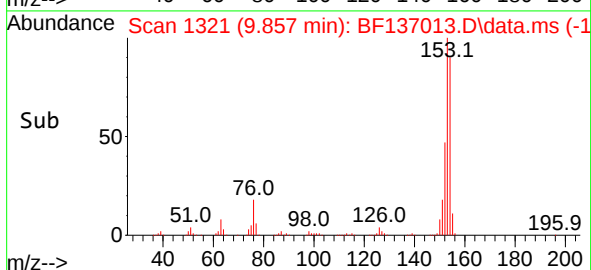
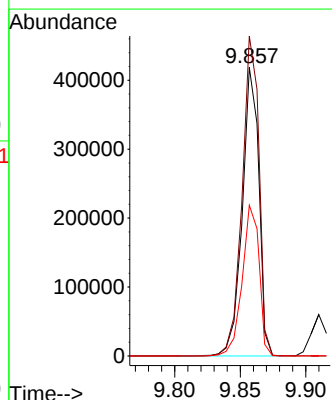
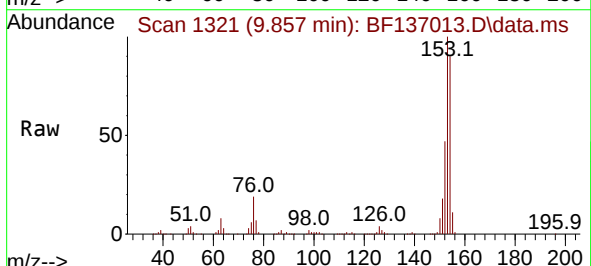
RT: 9.857 min Scan# 1321

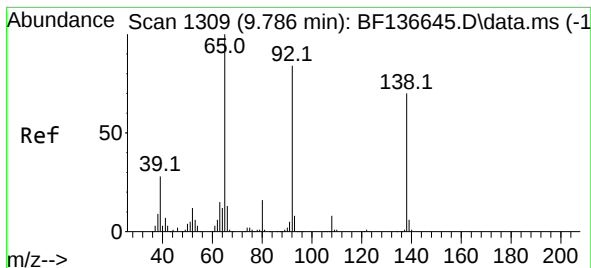
Delta R.T. -0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Tgt Ion:	154	Resp:	368769
Ion Ratio	Lower	Upper	
154	100		
153	110.9	90.7	136.1
152	52.2	43.7	65.5





#53
3-Nitroaniline
Concen: 30.712 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

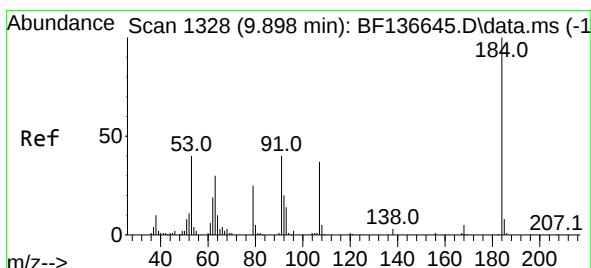
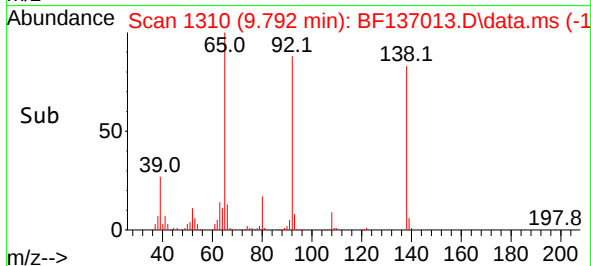
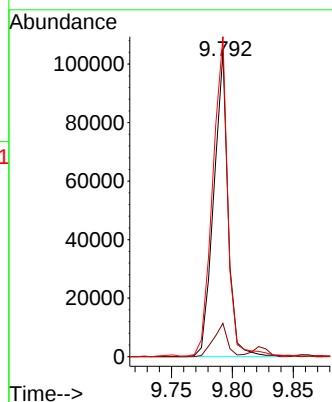
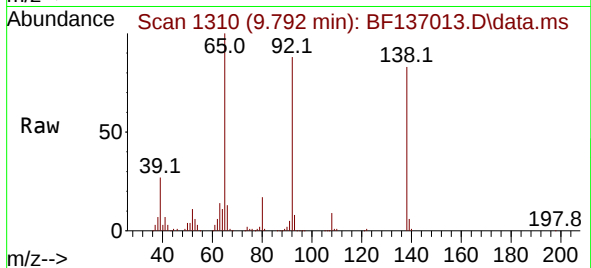
PB158316BS

Tgt Ion:138 Resp: 85550
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 105.2 95.2 142.8

Manual Integrations

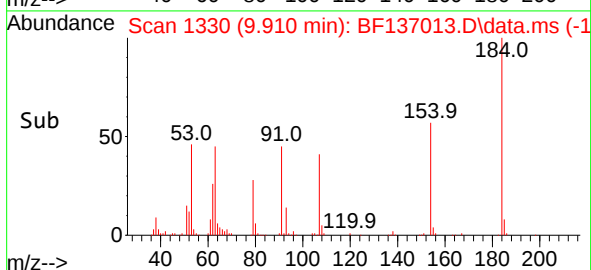
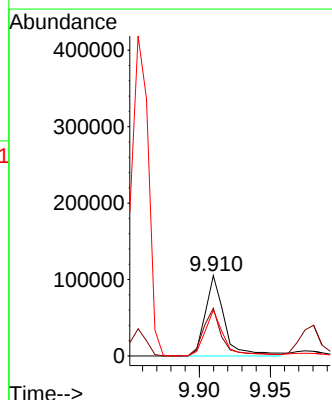
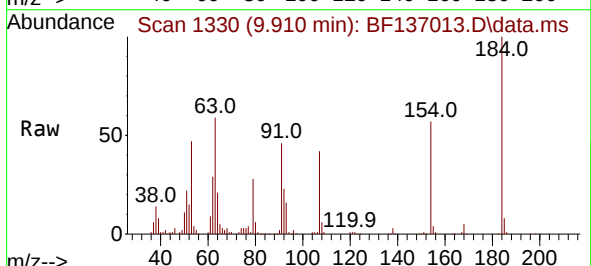
APPROVED

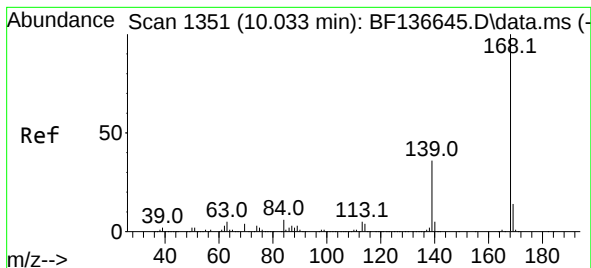
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#54
2,4-Dinitrophenol
Concen: 68.172 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:184 Resp: 98514
Ion Ratio Lower Upper
184 100
63 59.4 40.9 61.3
154 57.3 42.7 64.1





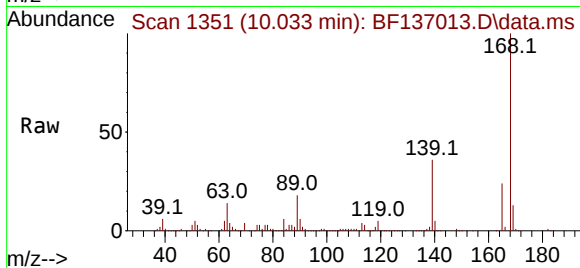
#55
Dibenzenofuran
Concen: 38.250 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS



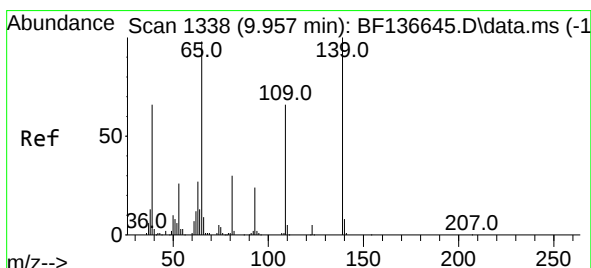
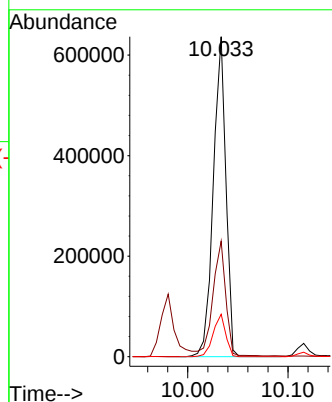
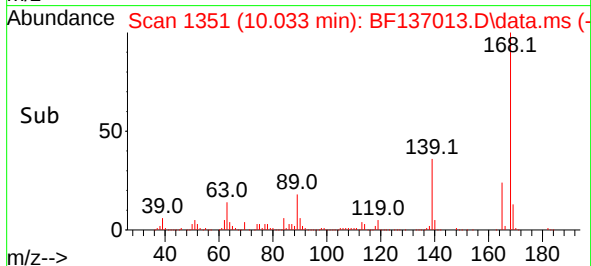
Tgt Ion:168 Resp: 55596
Ion Ratio Lower Upper
168 100
139 36.1 29.3 43.9
169 13.3 11.0 16.4

Manual Integrations

APPROVED

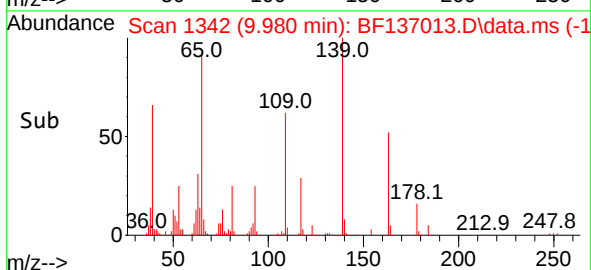
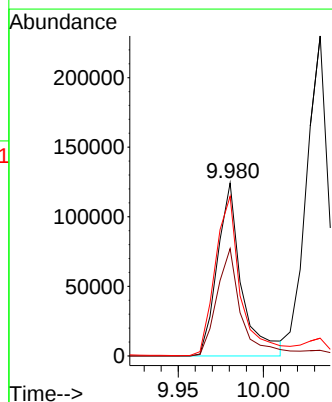
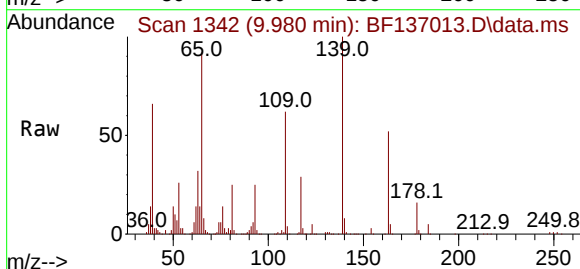
Reviewed By :Yogesh Patel 01/11/2024

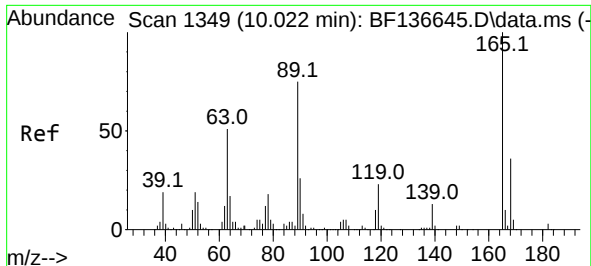
Supervised By :mohammad ahmed 01/12/2024



#56
4-Nitrophenol
Concen: 65.328 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.024 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:139 Resp: 122852
Ion Ratio Lower Upper
139 100
109 62.1 45.8 85.8
65 92.3 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 37.703 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

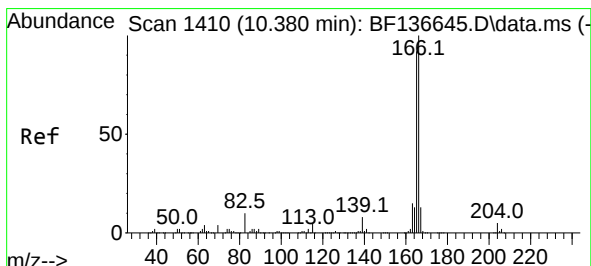
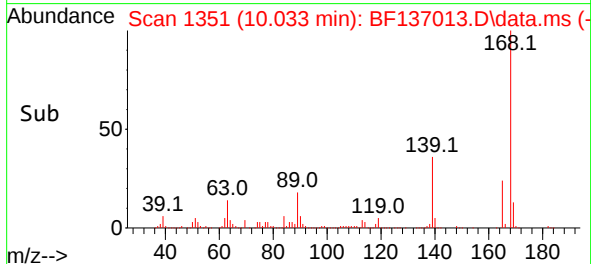
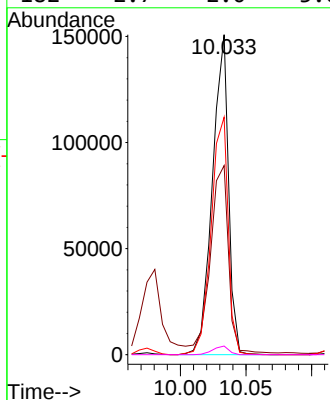
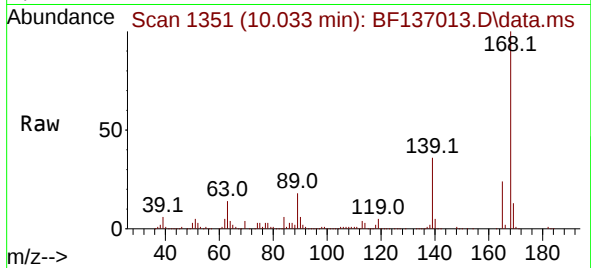
ClientSampleId :

PB158316BS

Tgt Ion:165 Resp: 12871
Ion Ratio Lower Upper
165 100
63 59.1 41.0 61.6
89 74.2 59.9 89.9
182 2.7 2.0 3.0

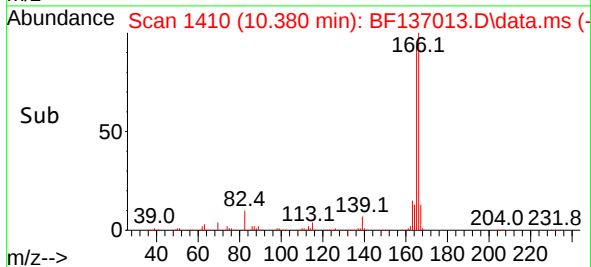
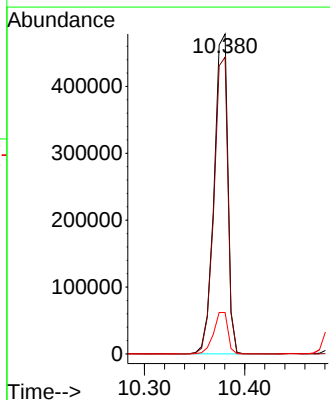
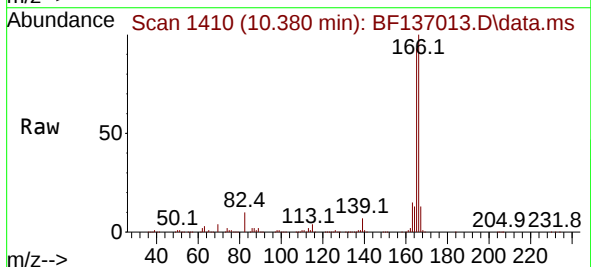
Manual Integrations
APPROVED

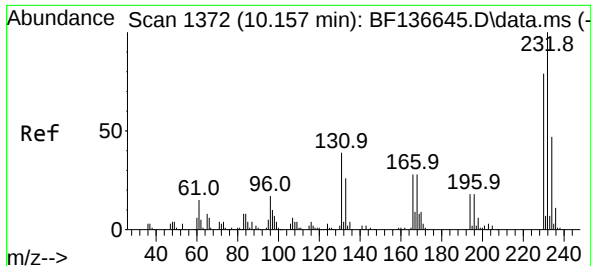
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#58
Fluorene
Concen: 39.439 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

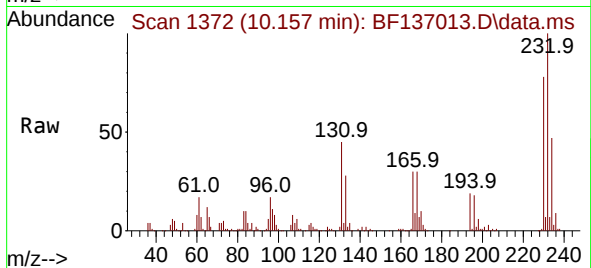
Tgt Ion:166 Resp: 454852
Ion Ratio Lower Upper
166 100
165 92.8 73.7 110.5
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.474 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

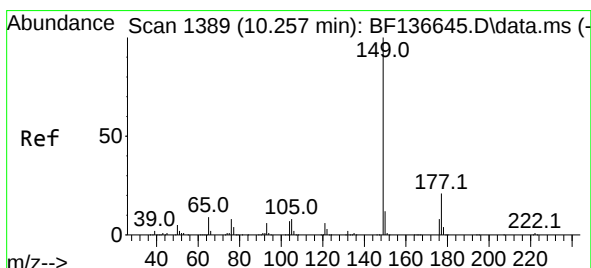
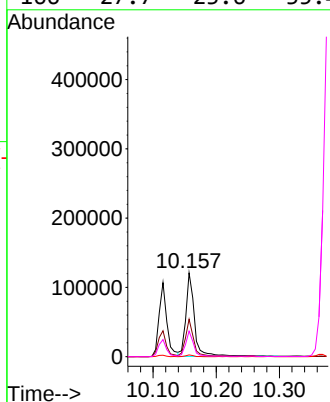
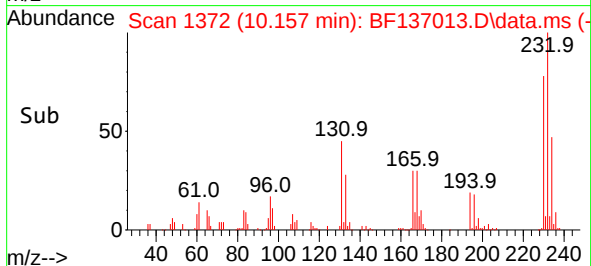
Instrument :
BNA_F
ClientSampleId :
PB158316BS



Tgt Ion:232 Resp: 11479
Ion Ratio Lower Upper
232 100
131 41.3 35.1 52.7
130 1.9 1.6 2.4
166 27.7 23.6 35.4

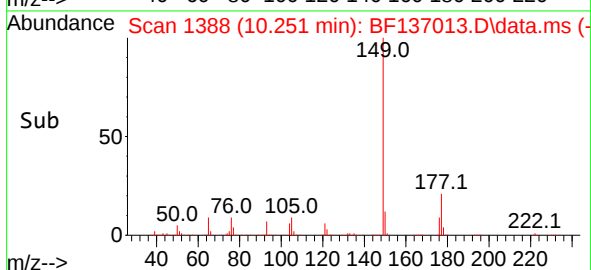
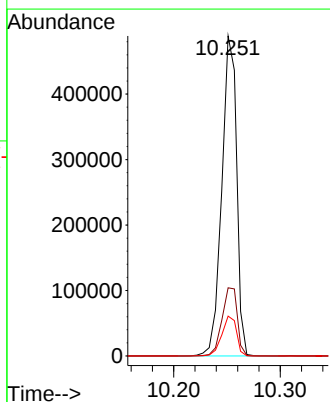
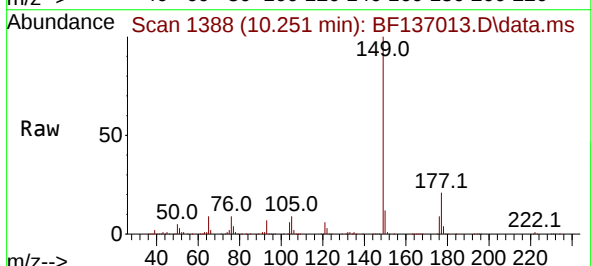
Manual Integrations
APPROVED

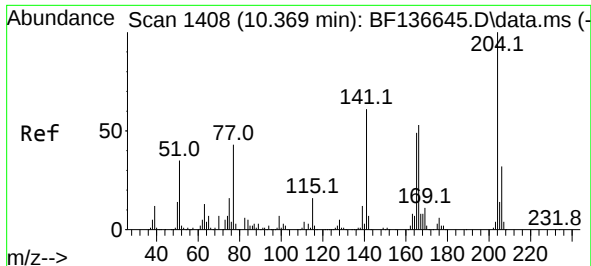
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#60
Diethylphthalate
Concen: 39.255 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

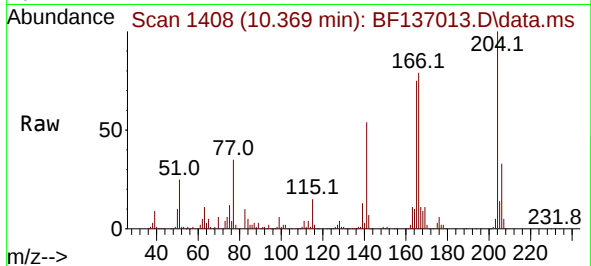
Tgt Ion:149 Resp: 471953
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 38.650 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

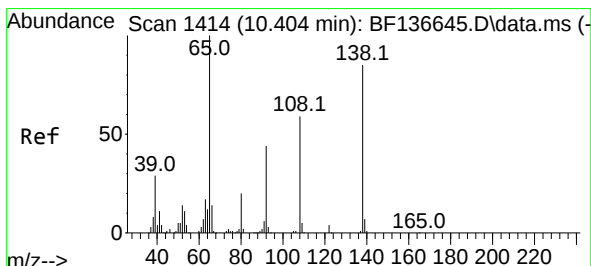
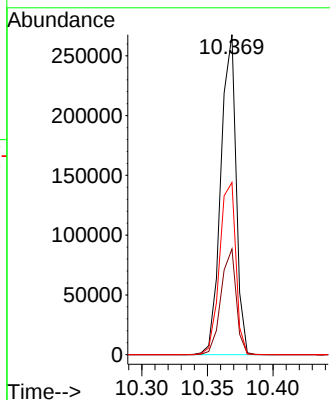
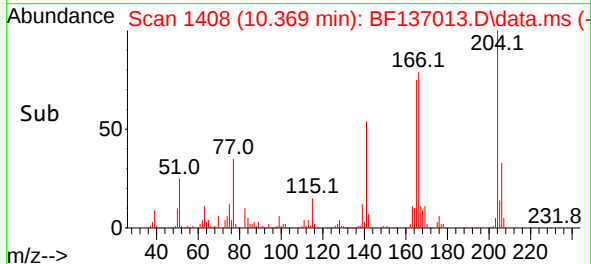
Instrument :
BNA_F
ClientSampleId :
PB158316BS



Tgt Ion:204 Resp: 216668
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 53.8 48.4 72.6

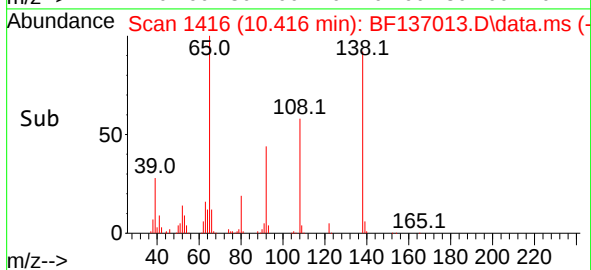
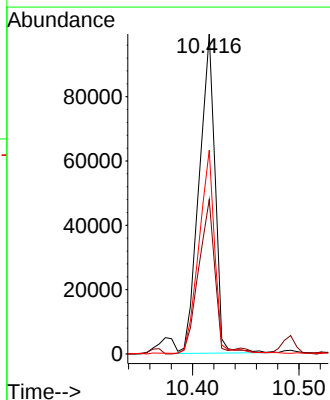
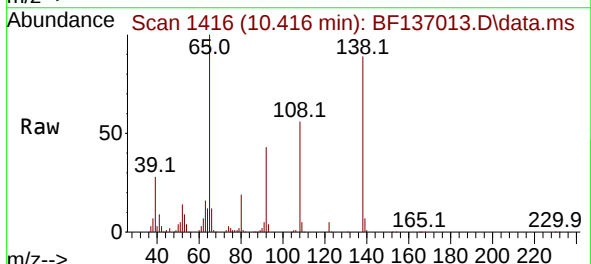
Manual Integrations
APPROVED

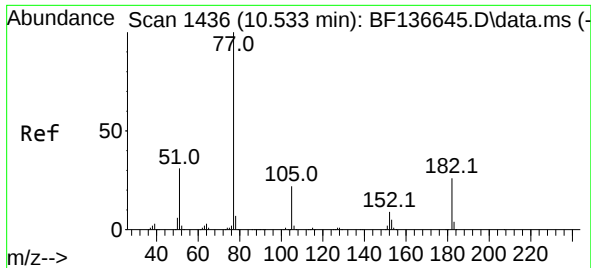
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#62
4-Nitroaniline
Concen: 38.594 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:138 Resp: 103645
Ion Ratio Lower Upper
138 100
92 48.2 32.1 72.1
108 63.7 50.1 90.1





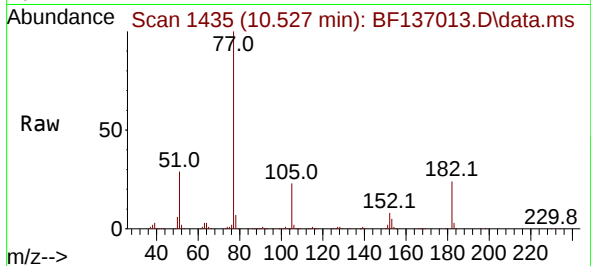
#63
Azobenzene
Concen: 38.271 ng
RT: 10.527 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS



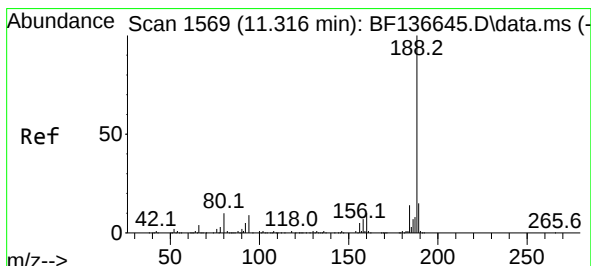
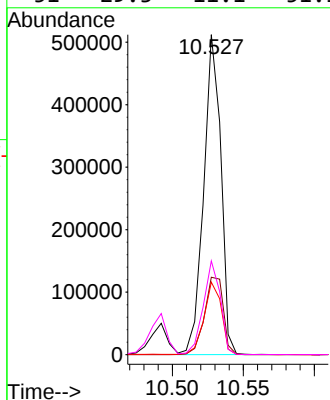
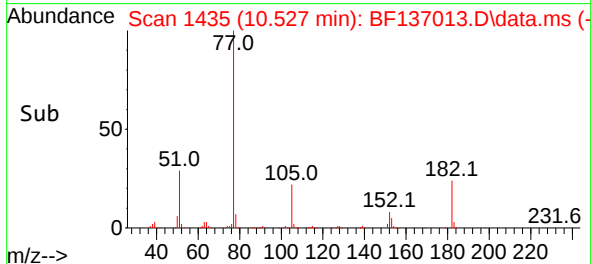
Tgt Ion: 77 Resp: 429749
Ion Ratio Lower Upper
77 100
182 24.2 6.0 46.0
105 22.6 2.3 42.3
51 29.3 11.1 51.1

Manual Integrations

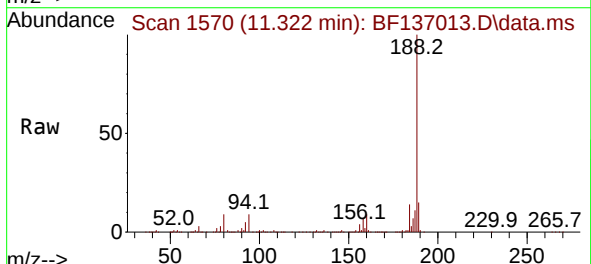
APPROVED

Reviewed By :Yogesh Patel 01/11/2024

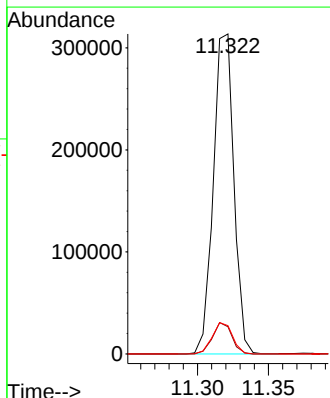
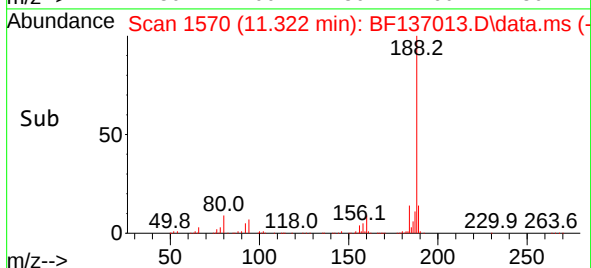
Supervised By :mohammad ahmed 01/12/2024

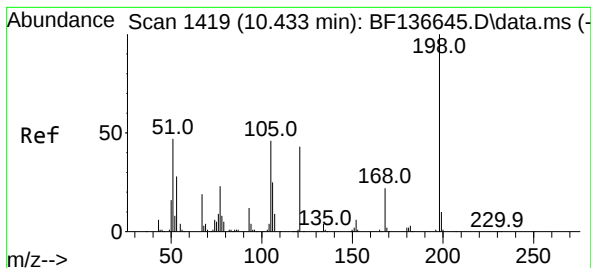


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion:188 Resp: 316111
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.9 8.1 12.1





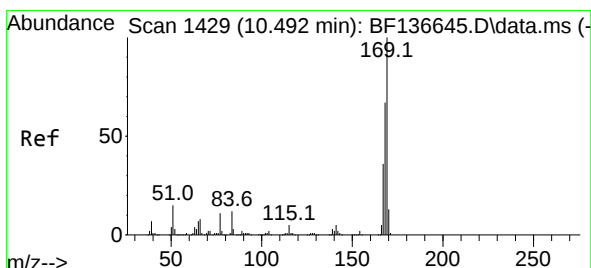
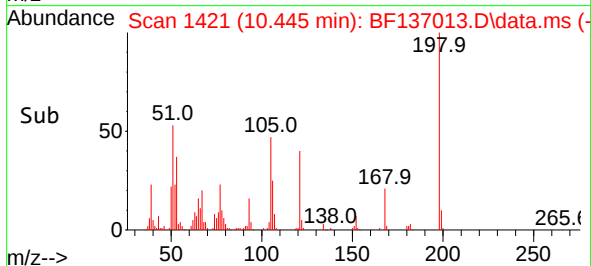
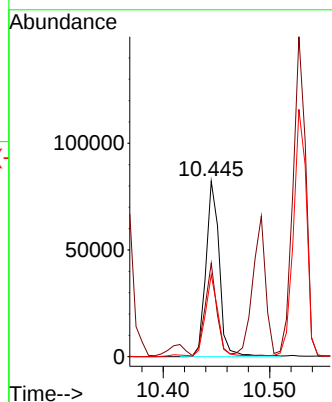
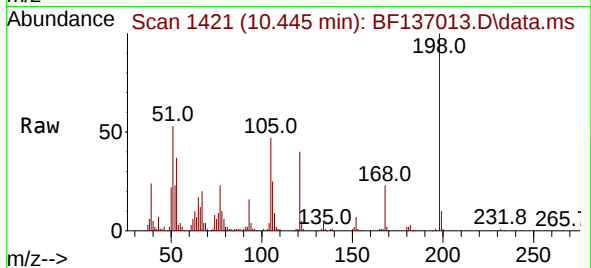
#65
4,6-Dinitro-2-methylphenol
Concen: 39.803 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :
BNA_F
ClientSampleId :
PB158316BS

Tgt Ion:198 Resp: 72109
Ion Ratio Lower Upper
198 100
51 53.2 34.1 74.1
105 46.6 27.3 67.3

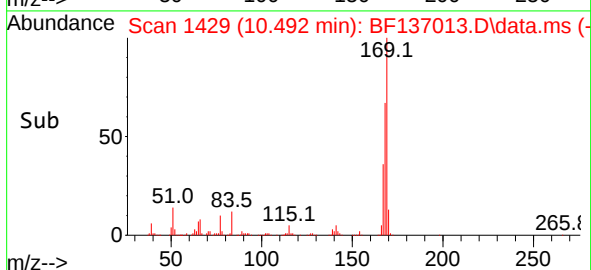
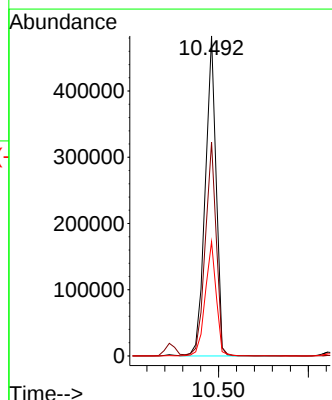
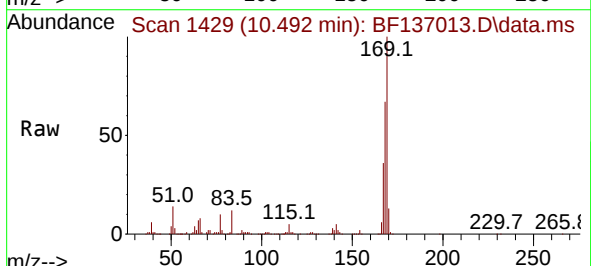
Manual Integrations
APPROVED

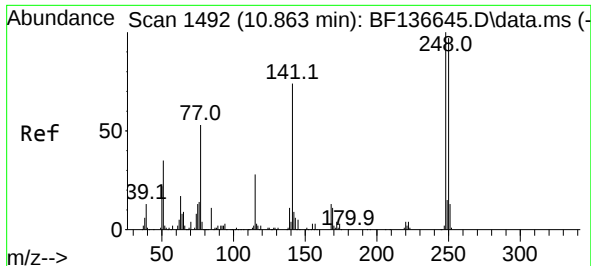
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#66
n-Nitrosodiphenylamine
Concen: 39.647 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Tgt Ion:169 Resp: 407127
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 35.7 28.7 43.1





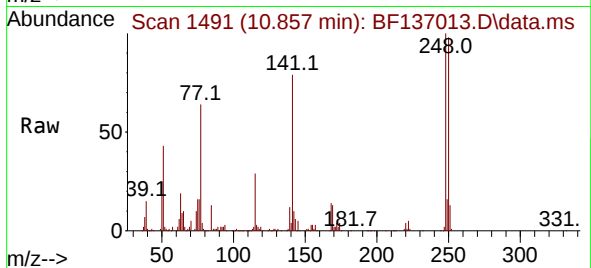
#67
4-Bromophenyl-phenylether
Concen: 38.263 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS



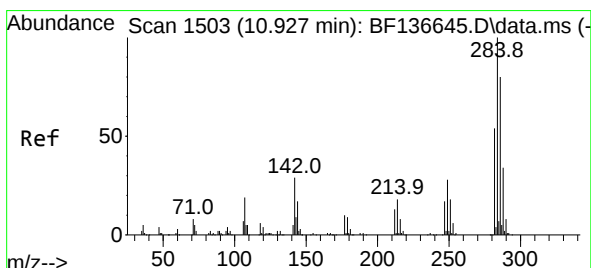
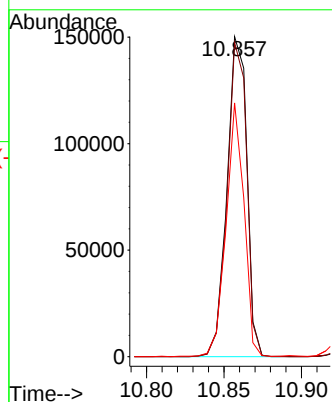
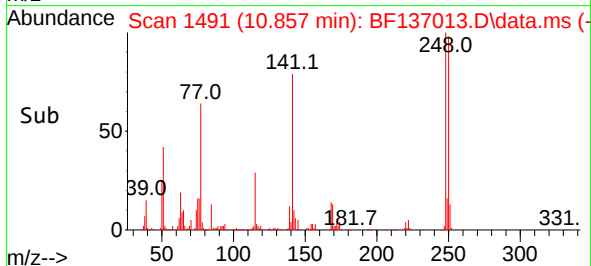
Tgt Ion:248 Resp: 13432
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 79.3 59.2 88.8

Manual Integrations

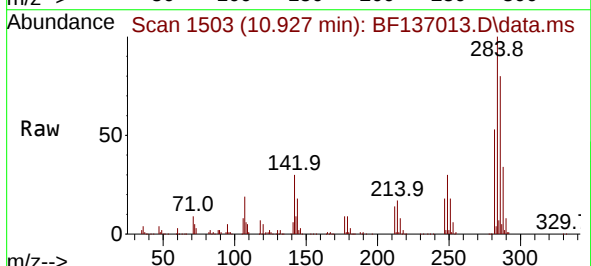
APPROVED

Reviewed By :Yogesh Patel 01/11/2024

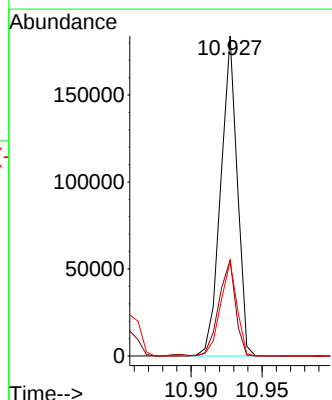
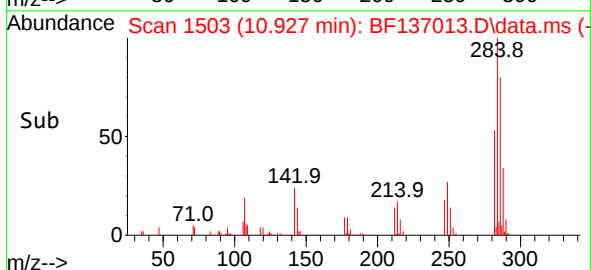
Supervised By :mohammad ahmed 01/12/2024

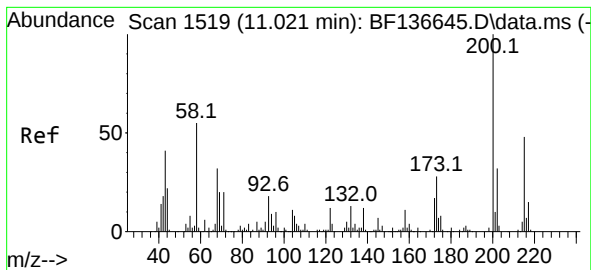


#68
Hexachlorobenzene
Concen: 37.842 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion:284 Resp: 148048
Ion Ratio Lower Upper
284 100
142 30.0 23.4 35.0
249 29.6 22.3 33.5





#69

Atrazine

Concen: 70.985 ng

RT: 11.033 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

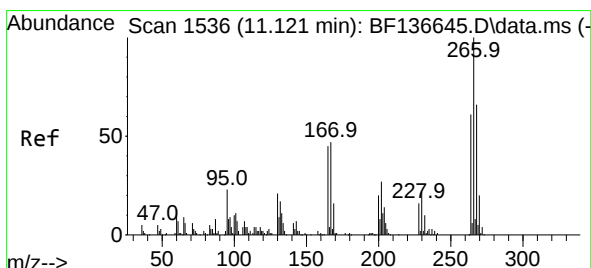
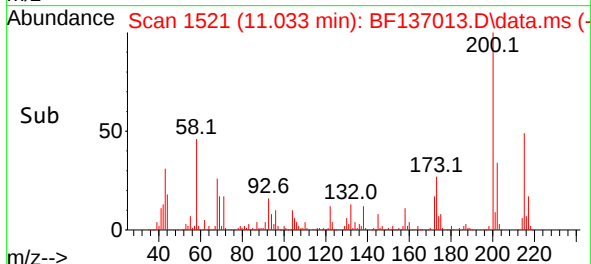
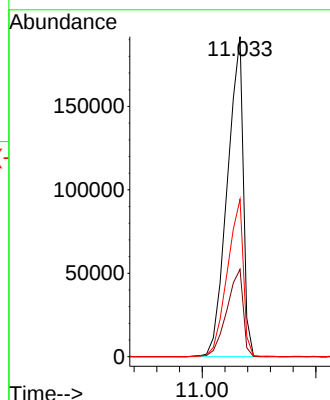
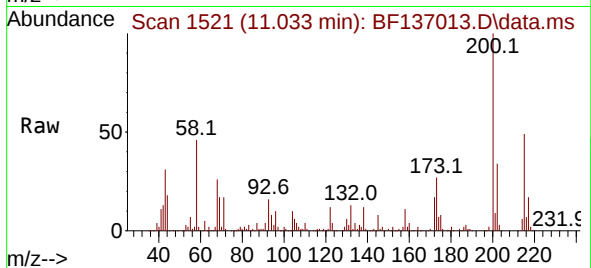
Tgt Ion:200 Resp: 18643
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.6 47.6
 215 49.2 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#70

Pentachlorophenol

Concen: 75.032 ng

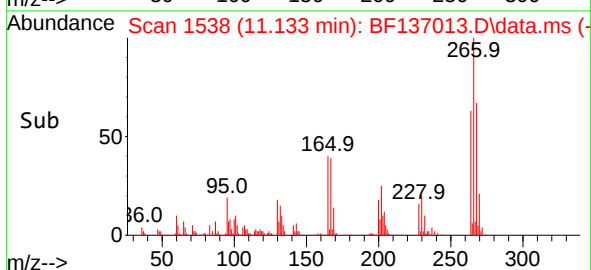
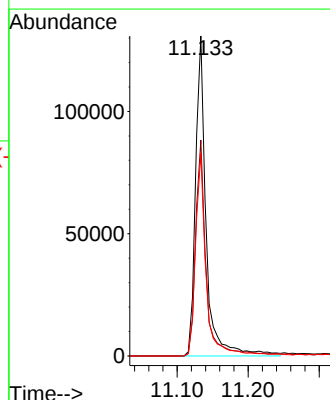
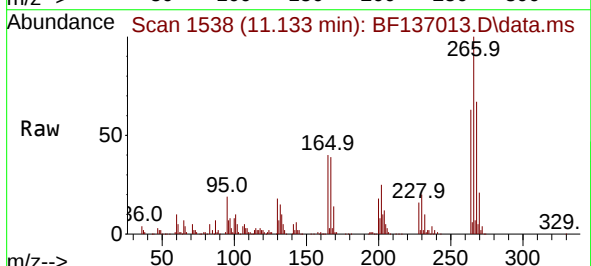
RT: 11.133 min Scan# 1538

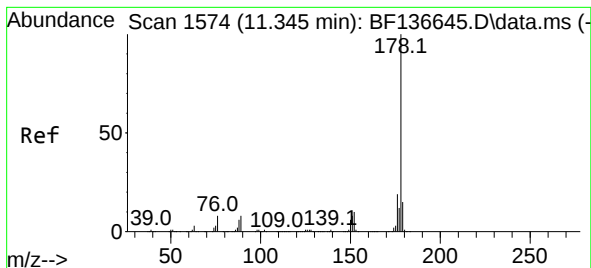
Delta R.T. 0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Tgt Ion:266 Resp: 136826
 Ion Ratio Lower Upper
 266 100
 268 67.5 52.6 78.8
 264 63.4 49.0 73.4





#71

Phenanthrene

Concen: 40.607 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

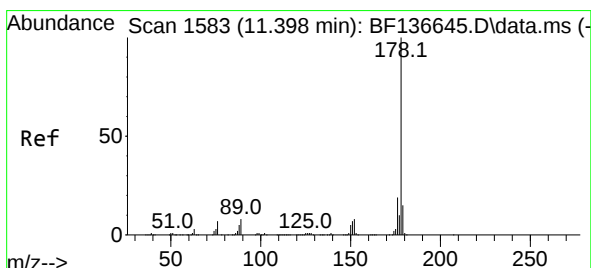
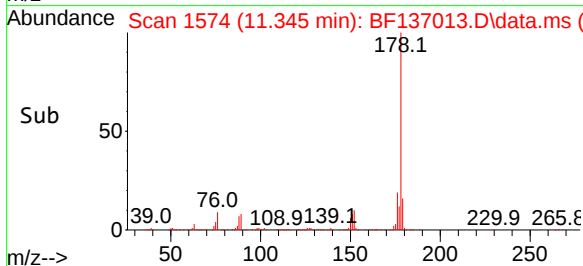
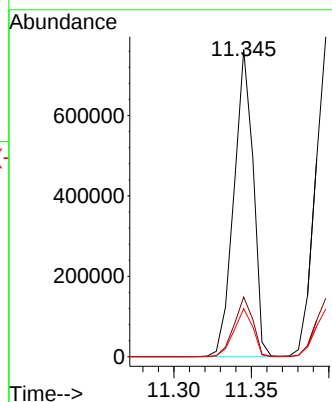
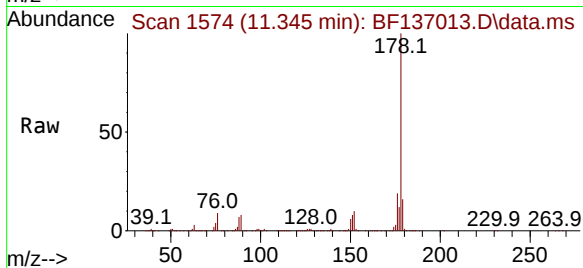
Tgt Ion:178 Resp: 65864

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	11.9	17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#72

Anthracene

Concen: 40.988 ng

RT: 11.398 min Scan# 1583

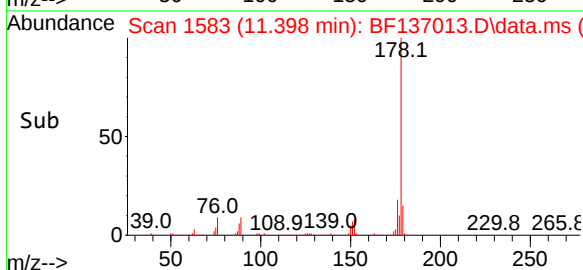
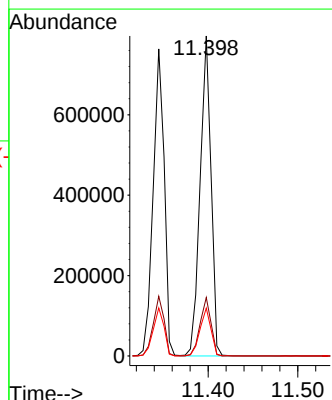
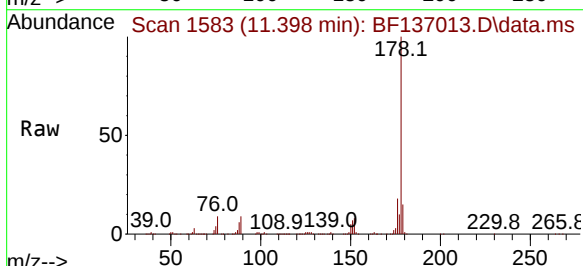
Delta R.T. 0.000 min

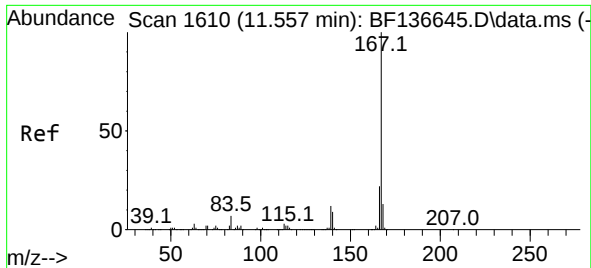
Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Tgt Ion:178 Resp: 673282

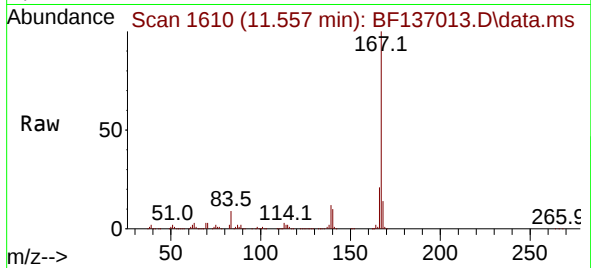
Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.0	11.8	17.6





#73
 Carbazole
 Concen: 40.634 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27

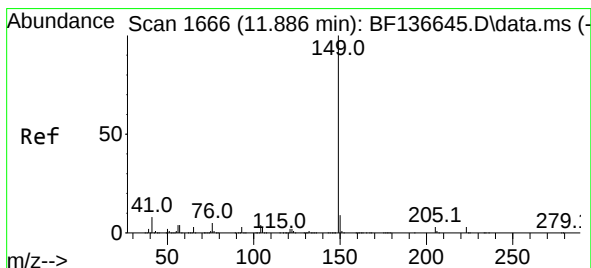
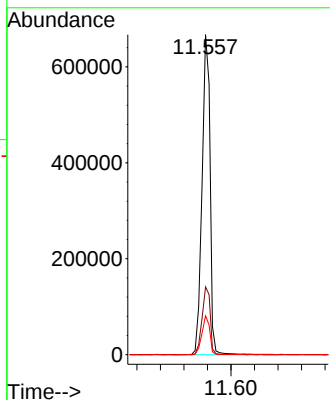
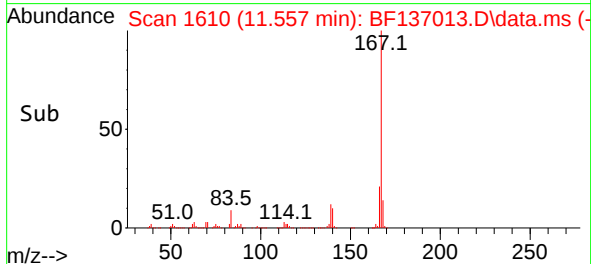
Instrument :
 BNA_F
 ClientSampleId :
 PB158316BS



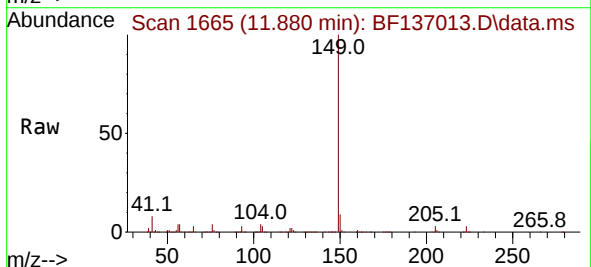
Tgt Ion:167 Resp: 629300
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.1 9.8 14.6

Manual Integrations
 APPROVED

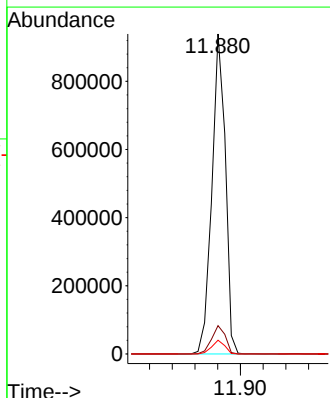
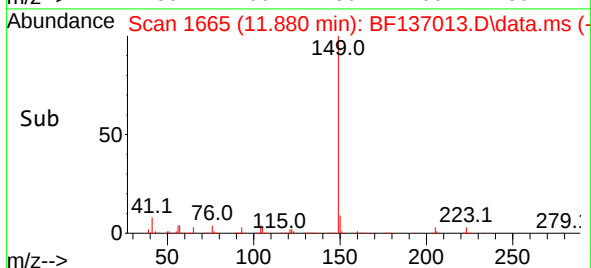
Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

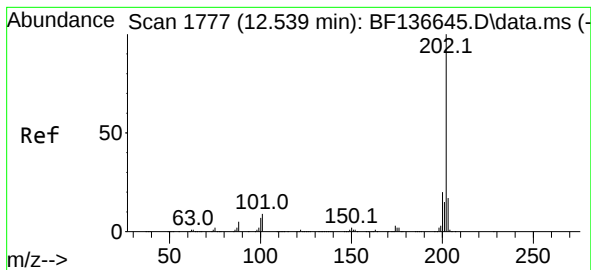


#74
 Di-n-butylphthalate
 Concen: 40.803 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27



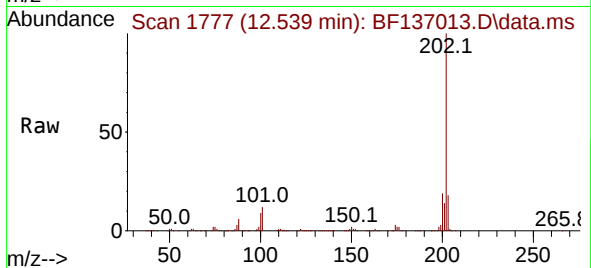
Tgt Ion:149 Resp: 771098
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 40.917 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

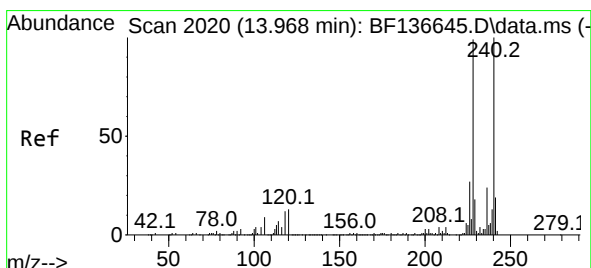
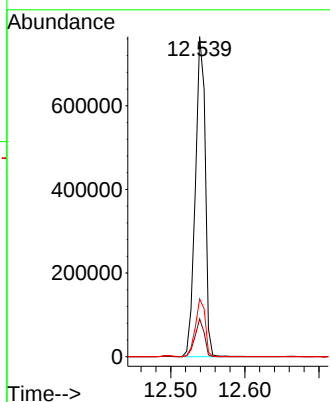
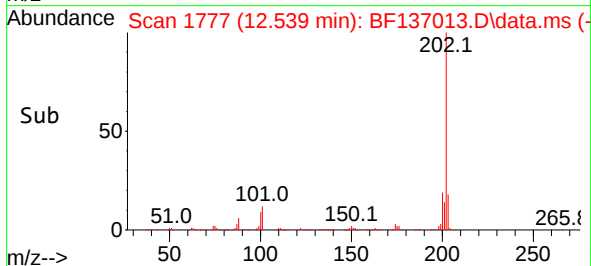
Instrument :
BNA_F
ClientSampleId :
PB158316BS



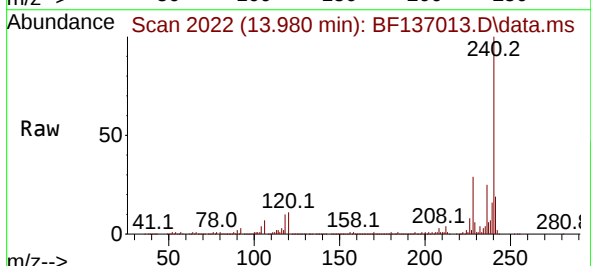
Tgt Ion:202 Resp: 70990
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.3
203 18.1 0.0 37.1

Manual Integrations
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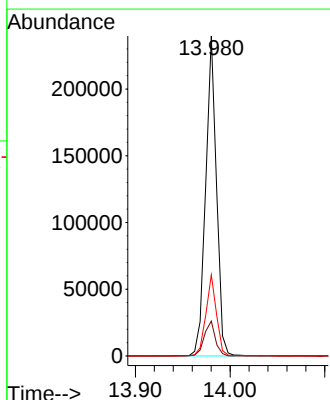
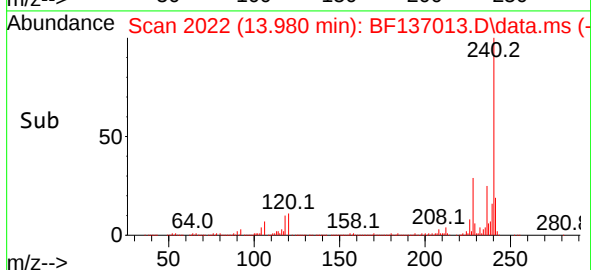
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

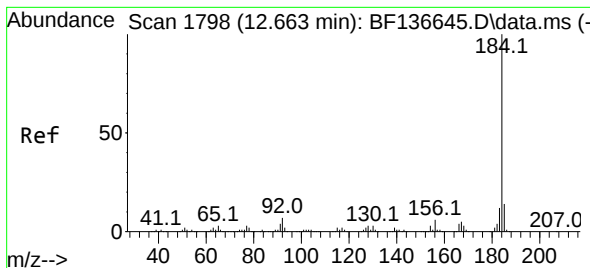


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



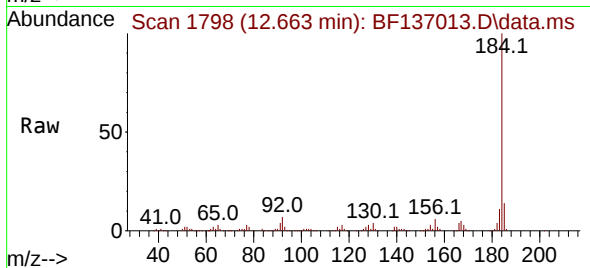
Tgt Ion:240 Resp: 189805
Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 25.3 19.4 29.2





#77
Benzidine
Concen: 23.326 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

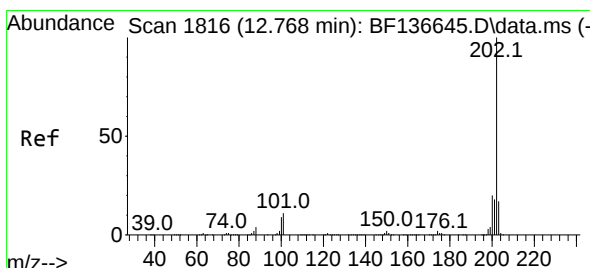
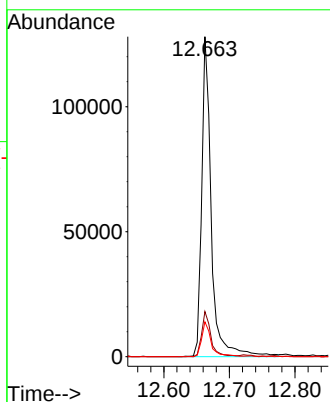
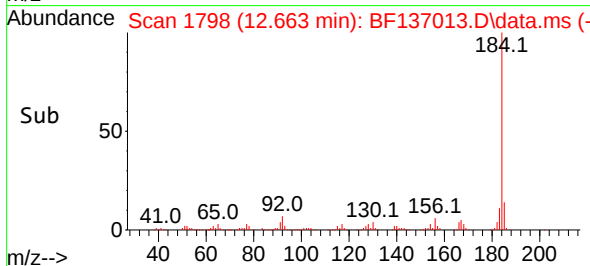
Instrument :
BNA_F
ClientSampleId :
PB158316BS



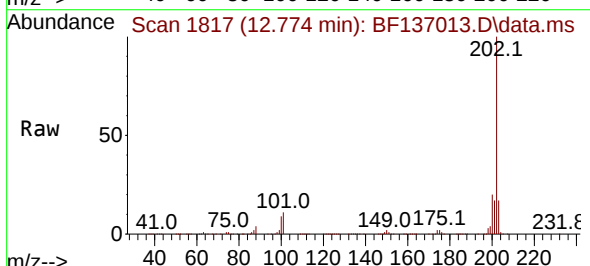
Tgt Ion:184 Resp: 13054
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 10.9 9.3 13.9

Manual Integrations
APPROVED

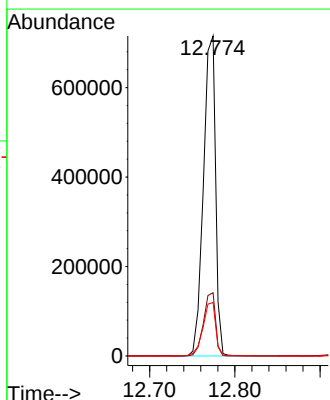
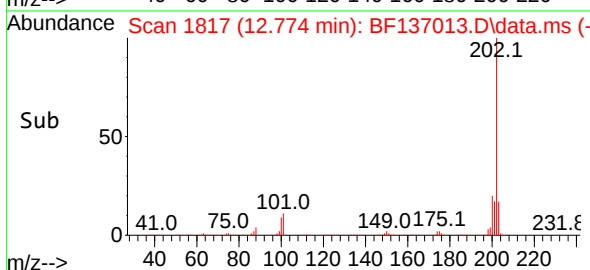
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

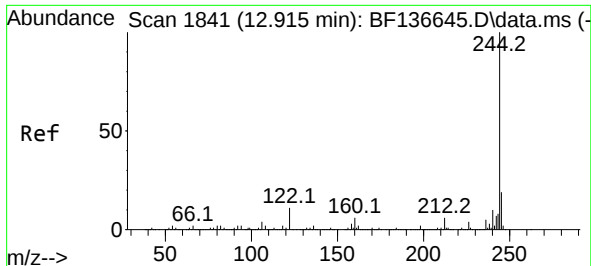


#78
Pyrene
Concen: 38.000 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion:202 Resp: 708030
Ion Ratio Lower Upper
202 100
200 19.8 15.9 23.9
203 16.7 13.8 20.6





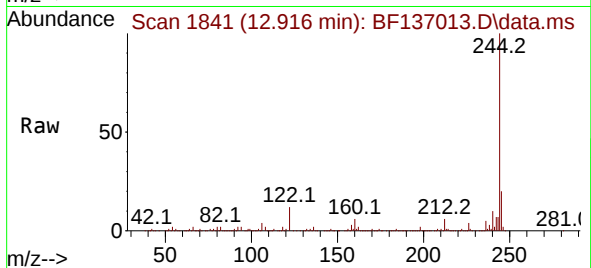
#79
 Terphenyl-d14
 Concen: 75.688 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS



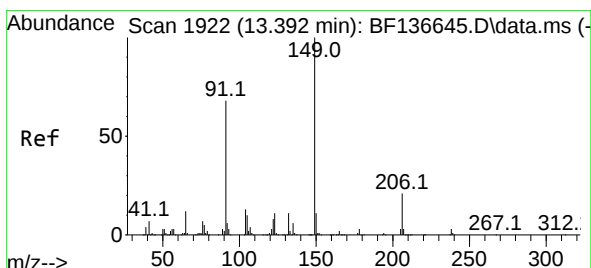
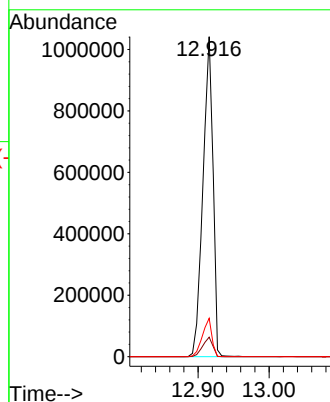
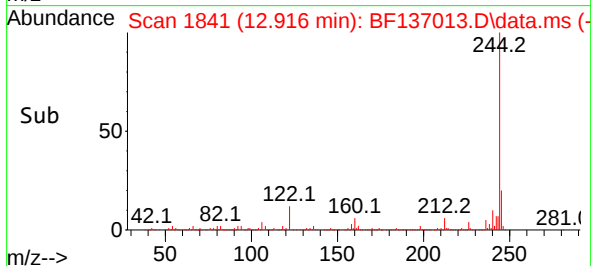
Tgt Ion:244 Resp: 102799
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 12.0 9.0 13.4

Manual Integrations

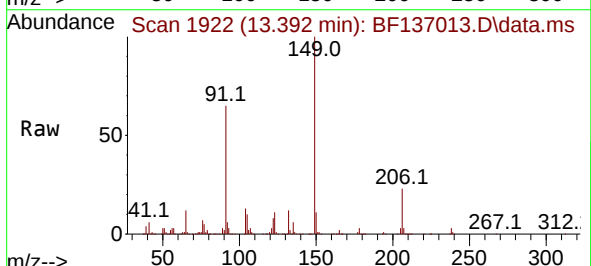
APPROVED

Reviewed By :Yogesh Patel 01/11/2024

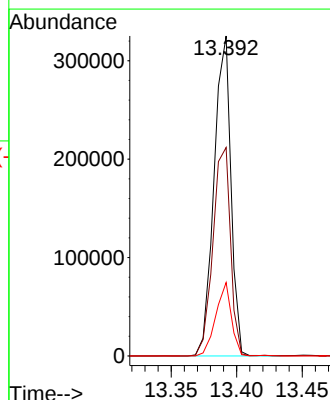
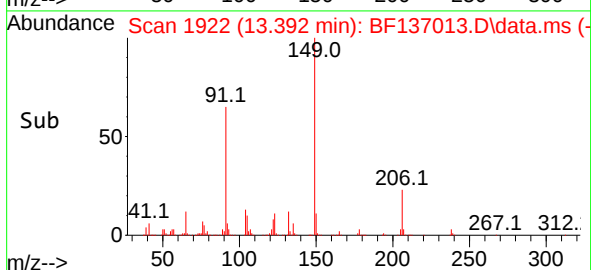
Supervised By :mohammad ahmed 01/12/2024

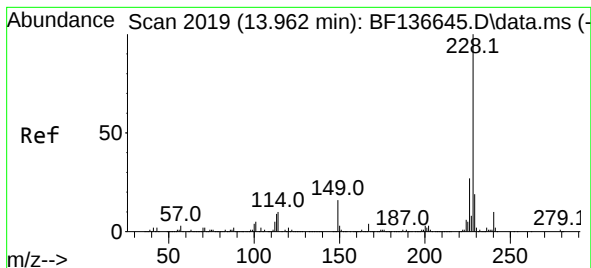


#80
 Butylbenzylphthalate
 Concen: 42.987 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF137013.D
 Acq: 10 Jan 2024 11:27



Tgt Ion:149 Resp: 291447
 Ion Ratio Lower Upper
 149 100
 91 65.2 54.1 81.1
 206 23.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.431 ng

RT: 13.968 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

Tgt Ion:228 Resp: 53287

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.0

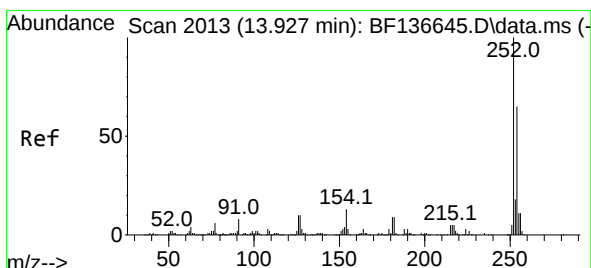
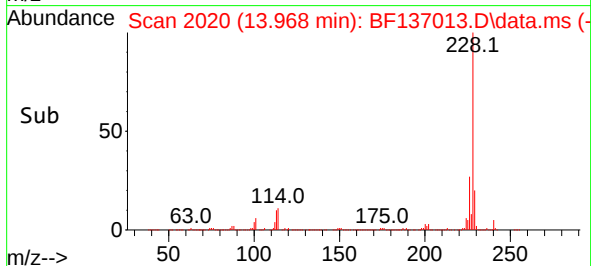
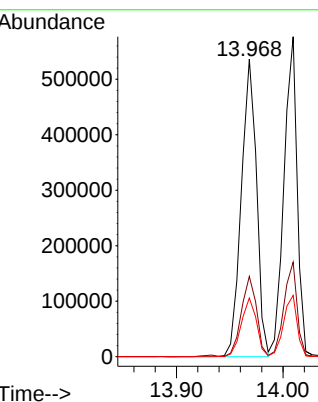
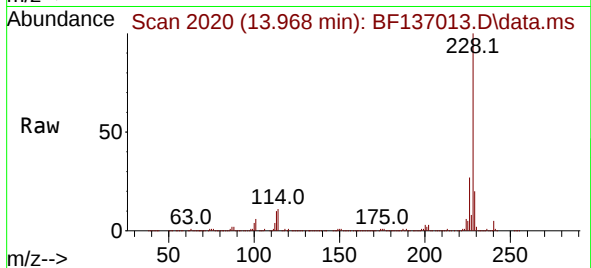
229 19.7 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 37.281 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

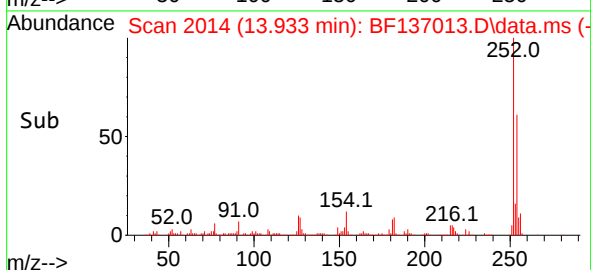
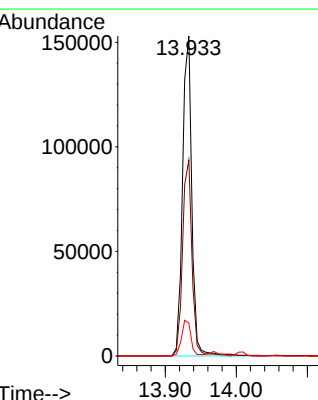
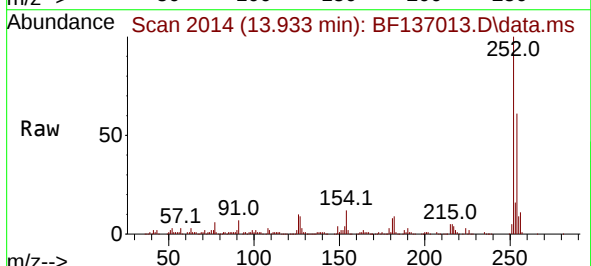
Tgt Ion:252 Resp: 139540

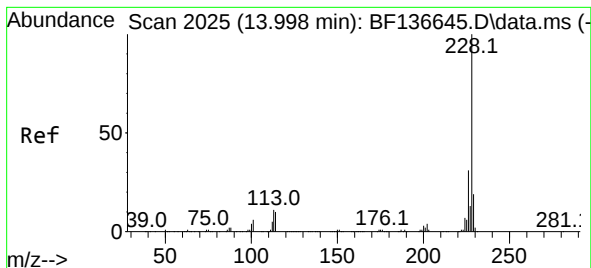
Ion Ratio Lower Upper

252 100

254 61.2 52.2 78.4

126 10.3 8.0 12.0





#83

Chrysene

Concen: 38.664 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.012 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

Tgt Ion:228 Resp: 498325

Ion Ratio Lower Upper

228 100

226 29.6 24.7 37.1

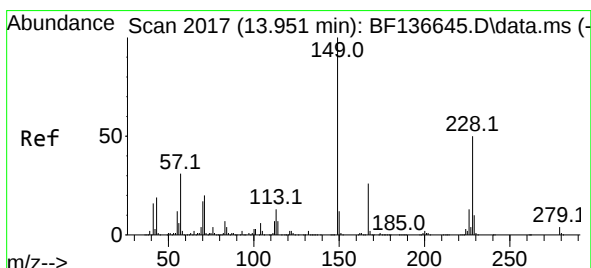
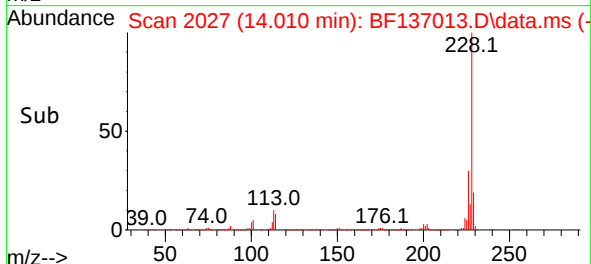
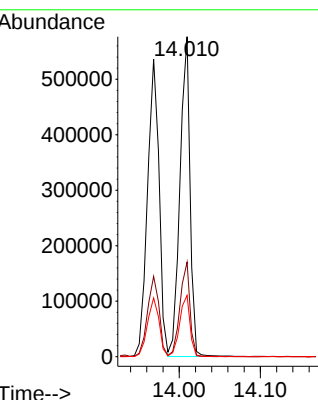
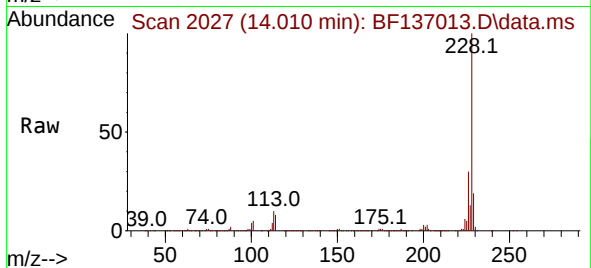
229 19.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.833 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

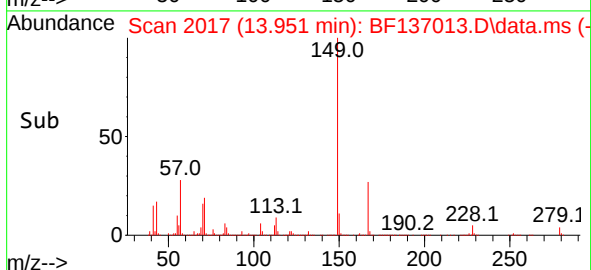
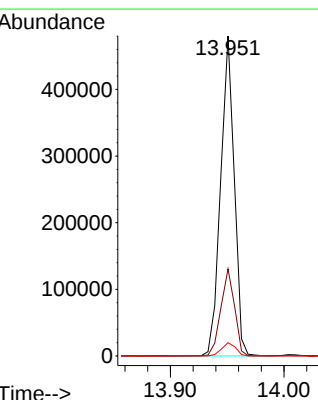
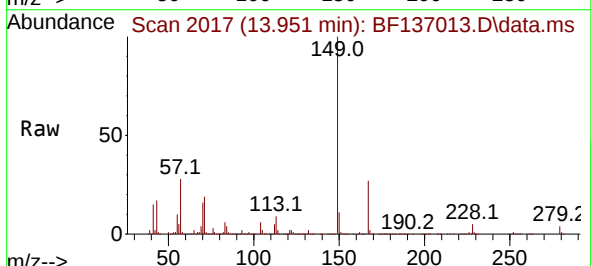
Tgt Ion:149 Resp: 399497

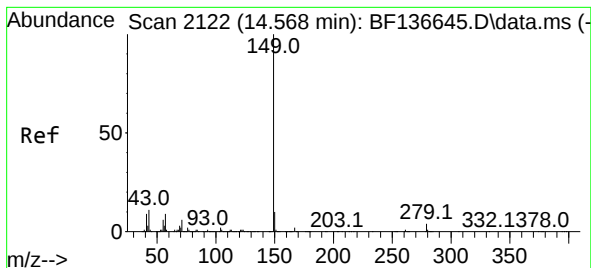
Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

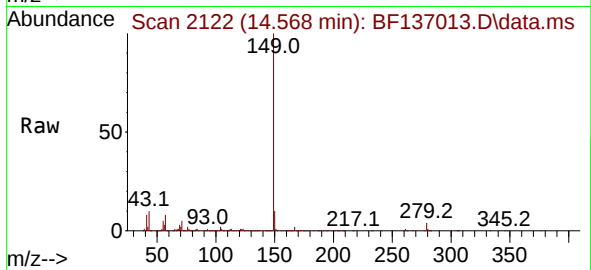
279 4.2 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.298 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

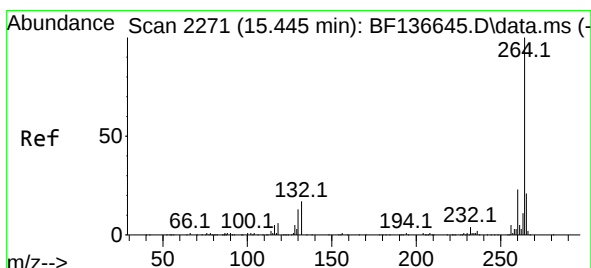
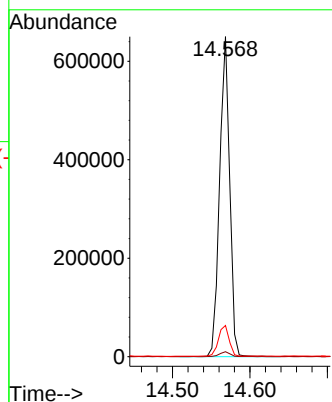
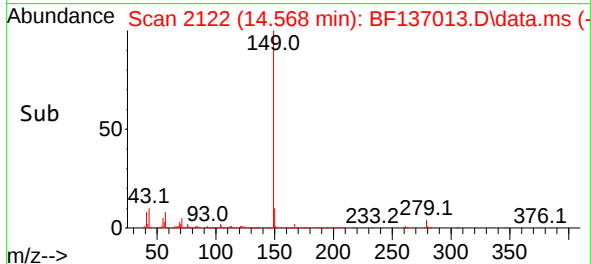
Instrument :
BNA_F
ClientSampleId :
PB158316BS



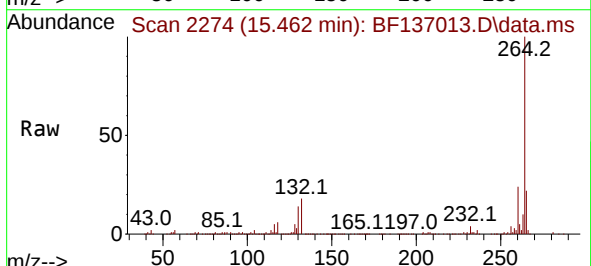
Tgt Ion:149 Resp: 584518
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.2 8.9 13.3

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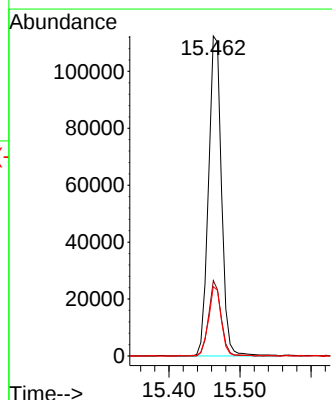
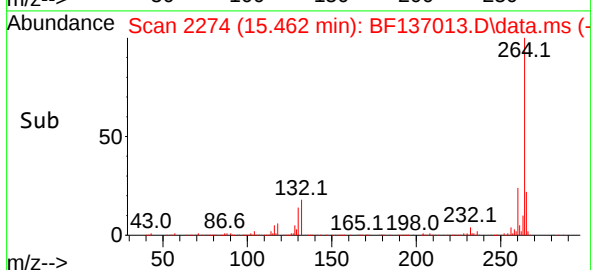
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

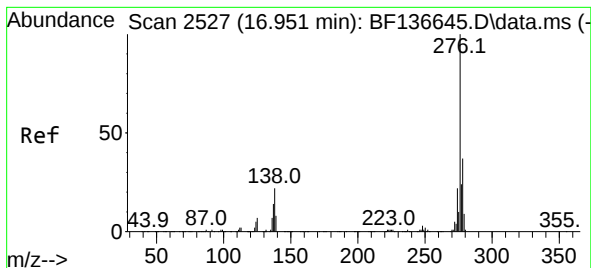


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.018 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion:264 Resp: 143107
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.377 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

Tgt Ion:276 Resp: 437860

Ion Ratio Lower Upper

276 100

138 23.7 18.7 28.1

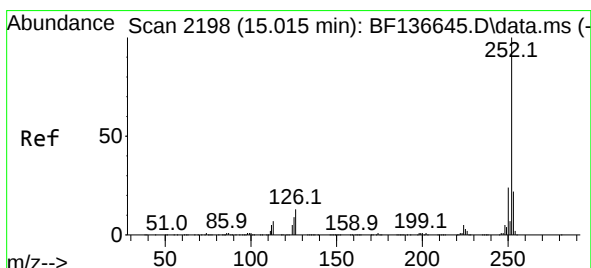
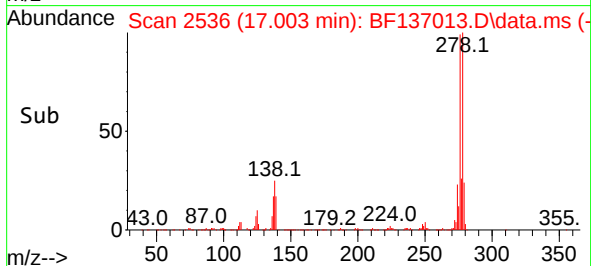
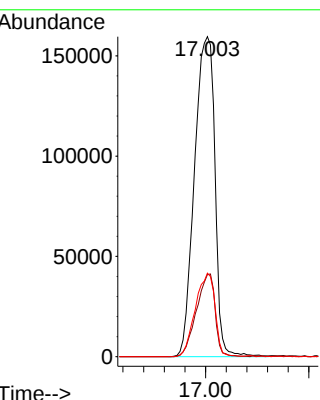
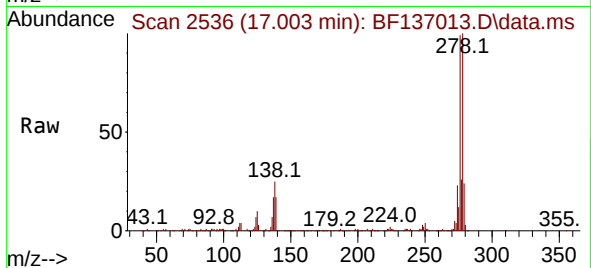
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#88

Benzo(b)fluoranthene

Concen: 42.727 ng

RT: 15.033 min Scan# 2201

Delta R.T. 0.018 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

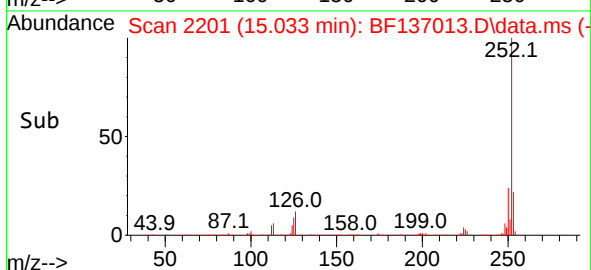
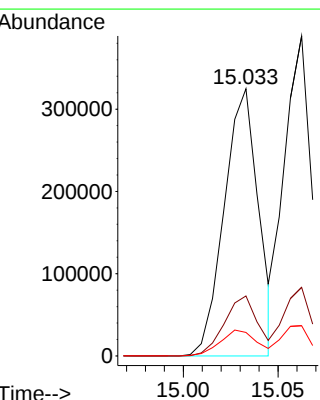
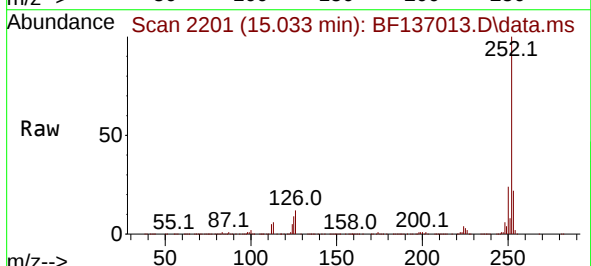
Tgt Ion:252 Resp: 408394

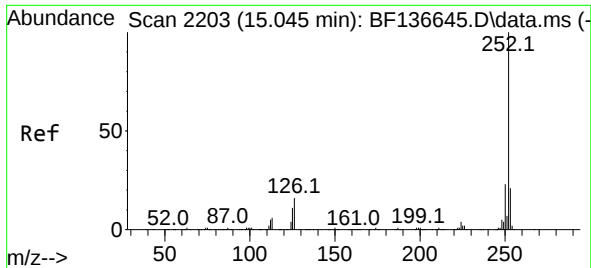
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 8.8 7.4 11.2





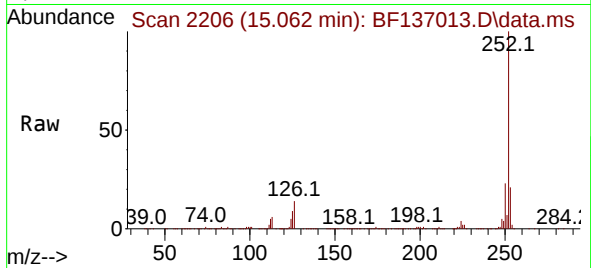
#89
Benzo(k)fluoranthene
Concen: 43.129 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.018 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS



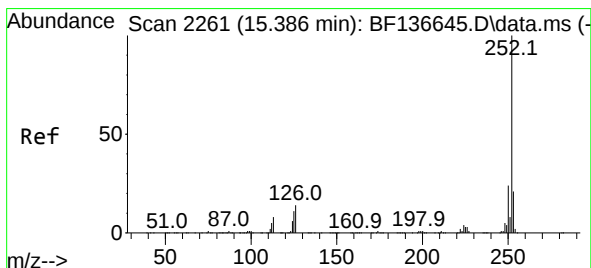
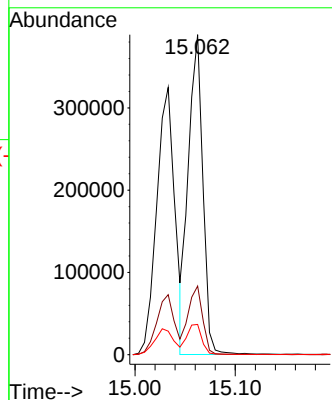
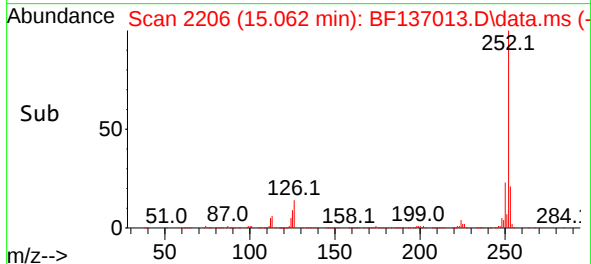
Tgt Ion:252 Resp: 389528
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 9.4 8.2 12.4

Manual Integrations

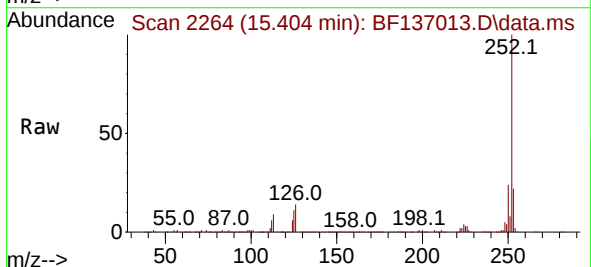
APPROVED

Reviewed By :Yogesh Patel 01/11/2024

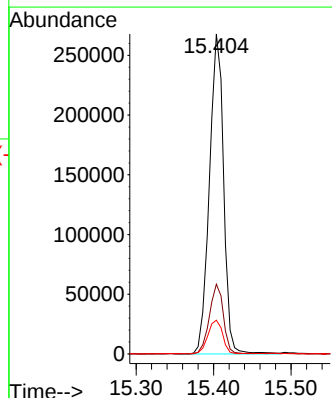
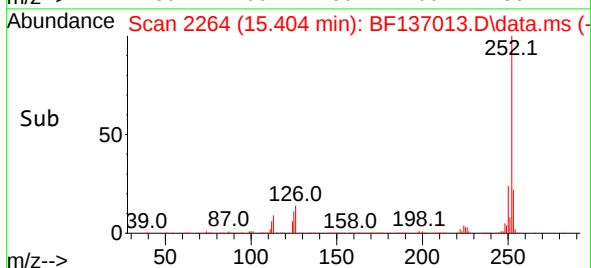
Supervised By :mohammad ahmed 01/12/2024

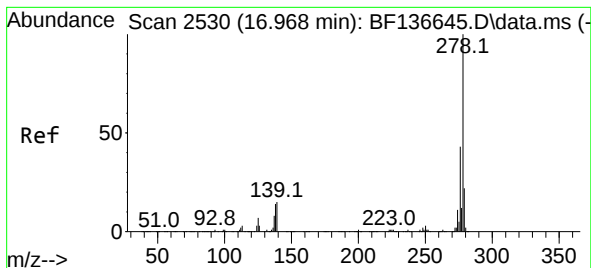


#90
Benzo(a)pyrene
Concen: 42.273 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.018 min
Lab File: BF137013.D
Acq: 10 Jan 2024 11:27



Tgt Ion:252 Resp: 341064
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 42.882 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB158316BS

Tgt Ion:278 Resp: 363500

Ion Ratio Lower Upper

278 100

139 16.0 12.2 18.4

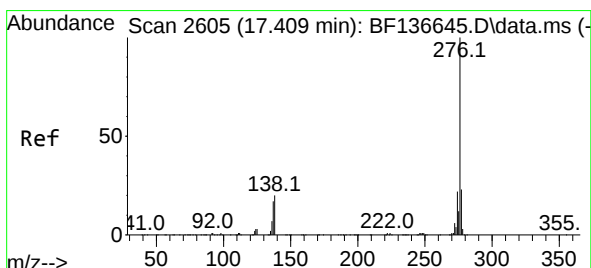
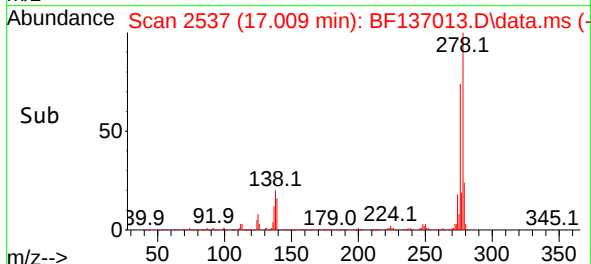
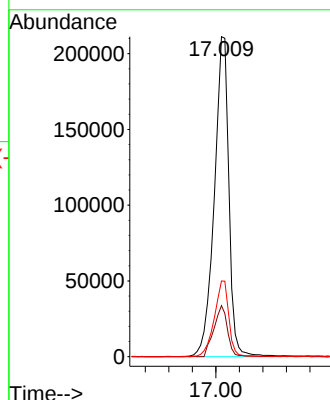
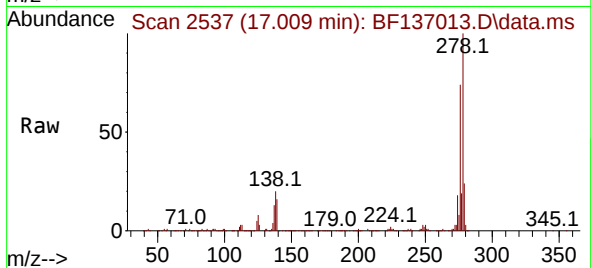
279 23.6 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#92

Benzo(g,h,i)perylene

Concen: 41.854 ng

RT: 17.456 min Scan# 2613

Delta R.T. 0.047 min

Lab File: BF137013.D

Acq: 10 Jan 2024 11:27

Tgt Ion:276 Resp: 363379

Ion Ratio Lower Upper

276 100

277 22.4 18.3 27.5

138 20.2 15.6 23.4

