

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137015.D
 Acq On : 10 Jan 2024 12:32
 Operator : CG\JU
 Sample : PB158346BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158346BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 10 12:51:31 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	6.786	152	74004	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	296882	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	155878	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	309844	20.000	ng	0.00
76) Chrysene-d12	13.980	240	178506	20.000	ng	# 0.01
86) Perylene-d12	15.462	264	135151	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	541216	114.109	ng	0.02
7) Phenol-d6	6.445	99	685072	111.471	ng	0.00
23) Nitrobenzene-d5	7.351	82	413066	71.197	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	215610	117.447	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	854736	73.750	ng	0.00
79) Terphenyl-d14	12.915	244	1005959	78.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	65945	33.369	ng	98
3) Pyridine	3.404	79	154503	32.043	ng	96
4) n-Nitrosodimethylamine	3.369	42	90246	35.048	ng	97
6) Aniline	6.457	93	205467	33.439	ng	# 9
8) 2-Chlorophenol	6.581	128	210867	40.626	ng	92
9) Benzaldehyde	6.339	77	74675	21.362	ng	96
10) Phenol	6.457	94	251851	38.388	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	192223	38.527	ng	95
12) 1,3-Dichlorobenzene	6.728	146	211218	37.303	ng	96
13) 1,4-Dichlorobenzene	6.804	146	213009	36.818	ng	98
14) 1,2-Dichlorobenzene	6.951	146	205329	38.141	ng	99
15) Benzyl Alcohol	6.939	79	165290	39.866	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	302434	37.076	ng	74
17) 2-Methylphenol	7.057	107	171366	39.854	ng	# 93
18) Hexachloroethane	7.286	117	76383	36.354	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	143204	38.439	ng	96
20) 3+4-Methylphenols	7.210	107	218218	40.622	ng	# 54
22) Acetophenone	7.198	105	294541	39.582	ng	# 89
24) Nitrobenzene	7.375	77	212208	36.513	ng	95
25) Isophorone	7.610	82	398283	37.727	ng	98
26) 2-Nitrophenol	7.686	139	111716	40.176	ng	99
27) 2,4-Dimethylphenol	7.728	122	188762	55.760	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	245144	38.202	ng	99
29) 2,4-Dichlorophenol	7.933	162	175979	40.378	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	181312	37.338	ng	98
31) Naphthalene	8.086	128	609454	37.367	ng	100
32) Benzoic acid	7.886	122	125321	38.260	ng	97
33) 4-Chloroaniline	8.139	127	126547	21.014	ng	96
34) Hexachlorobutadiene	8.198	225	103468	35.071	ng	97
35) Caprolactam	8.528	113	59974m	41.714	ng	
36) 4-Chloro-3-methylphenol	8.639	107	194463	39.634	ng	99
37) 2-Methylnaphthalene	8.780	142	399832	38.092	ng	99
38) 1-Methylnaphthalene	8.875	142	372113	36.134	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	191129	39.592	ng	99
41) Hexachlorocyclopentadiene	8.927	237	112036	73.230	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	125053	40.393	ng	96

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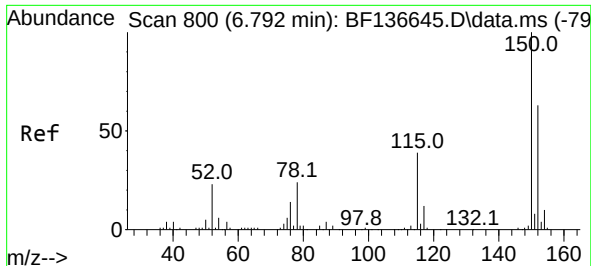
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	133836	38.793	ng	99
46) 1,1'-Biphenyl	9.245	154	516958	39.521	ng	99
47) 2-Chloronaphthalene	9.269	162	378069	38.020	ng	100
48) 2-Nitroaniline	9.375	65	126148	40.511	ng	98
49) Acenaphthylene	9.686	152	602118	39.615	ng	99
50) Dimethylphthalate	9.551	163	457212	40.157	ng	99
51) 2,6-Dinitrotoluene	9.622	165	102798	39.782	ng	99
52) Acenaphthene	9.857	154	370365	39.309	ng	98
53) 3-Nitroaniline	9.792	138	85145	31.106	ng	93
54) 2,4-Dinitrophenol	9.910	184	99579	70.022	ng	92
55) Dibenzofuran	10.033	168	551735	38.631	ng	98
56) 4-Nitrophenol	9.980	139	118117	63.922	ng	96
57) 2,4-Dinitrotoluene	10.033	165	128686	38.362	ng	96
58) Fluorene	10.374	166	456752	40.305	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	117243	44.147	ng	95
60) Diethylphthalate	10.251	149	464119	39.288	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	217706	39.524	ng	94
62) 4-Nitroaniline	10.416	138	102629	38.893	ng	93
63) Azobenzene	10.527	77	427015	38.701	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	72913	41.061	ng	95
66) n-Nitrosodiphenylamine	10.492	169	409851	40.720	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	134929	39.212	ng	98
68) Hexachlorobenzene	10.927	284	151864	39.602	ng	99
69) Atrazine	11.033	200	187735	72.925	ng	99
70) Pentachlorophenol	11.133	266	134863	75.451	ng	97
71) Phenanthrene	11.345	178	664610	41.804	ng	99
72) Anthracene	11.398	178	662555	41.151	ng	99
73) Carbazole	11.557	167	619671	40.821	ng	99
74) Di-n-butylphthalate	11.880	149	774392	41.806	ng	99
75) Fluoranthene	12.539	202	697217	40.999	ng	96
77) Benzidine	12.663	184	131605	25.004	ng	99
78) Pyrene	12.768	202	696798	39.764	ng	99
80) Butylbenzylphthalate	13.392	149	281139	44.092	ng	98
81) Benzo(a)anthracene	13.968	228	511701	41.282	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	134013	38.070	ng	98
83) Chrysene	14.004	228	471156	38.870	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	391161	48.758	ng	97
85) Di-n-octyl phthalate	14.568	149	552705	44.538	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	432450	44.317	ng	99
88) Benzo(b)fluoranthene	15.027	252	403758	44.729	ng	97
89) Benzo(k)fluoranthene	15.062	252	365520	42.853	ng	98
90) Benzo(a)pyrene	15.404	252	333286	43.740	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	366179	45.741	ng	98
92) Benzo(g,h,i)perylene	17.456	276	366231	44.666	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

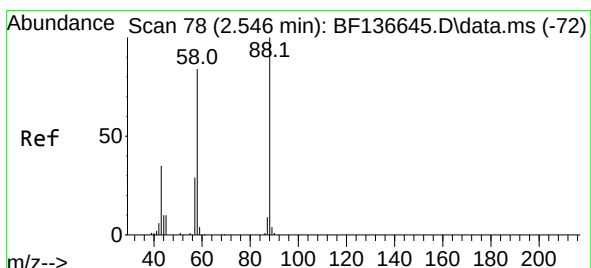
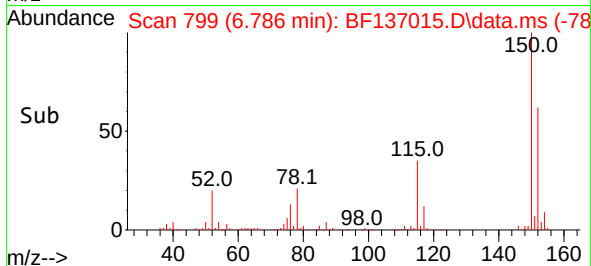
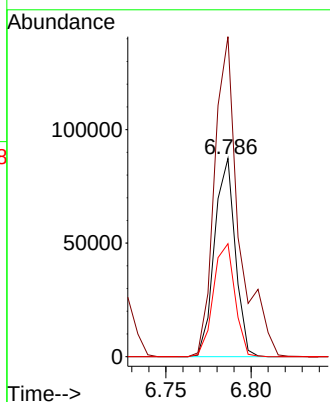
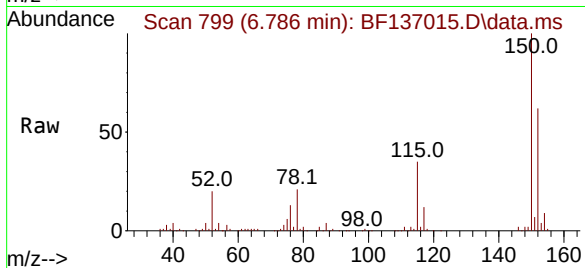
PB158346BS

Tgt Ion:152 Resp: 74004
 Ion Ratio Lower Upper
 152 100
 150 161.5 127.0 190.6
 115 57.0 49.0 73.4

Manual Integrations

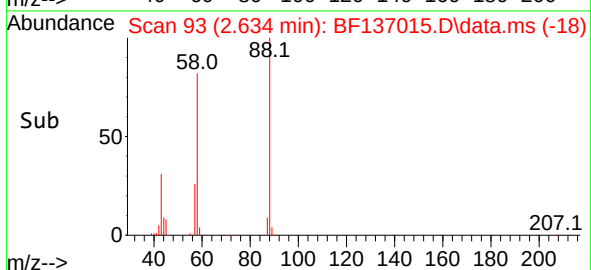
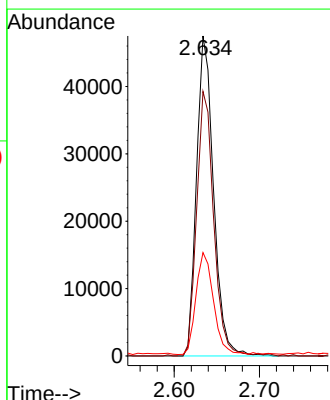
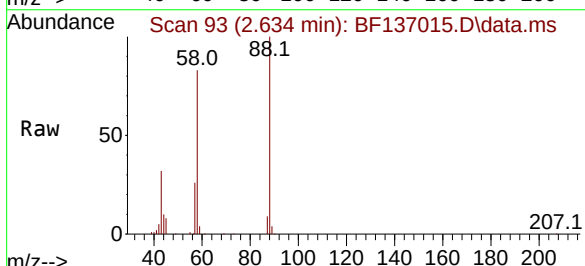
APPROVED

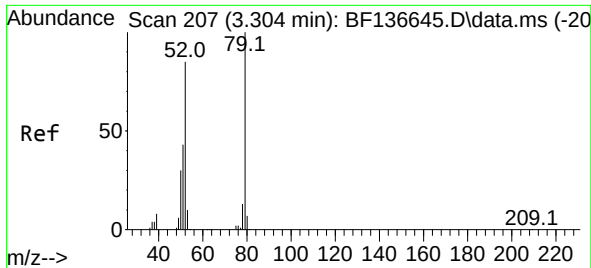
Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024



#2
 1,4-Dioxane
 Concen: 33.369 ng
 RT: 2.634 min Scan# 93
 Delta R.T. 0.088 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32

Tgt Ion: 88 Resp: 65945
 Ion Ratio Lower Upper
 88 100
 58 82.7 67.4 101.0
 43 32.8 27.7 41.5





#3
Pyridine
Concen: 32.043 ng
RT: 3.404 min Scan# 218
Delta R.T. 0.100 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

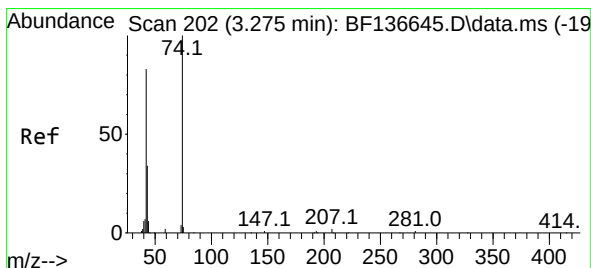
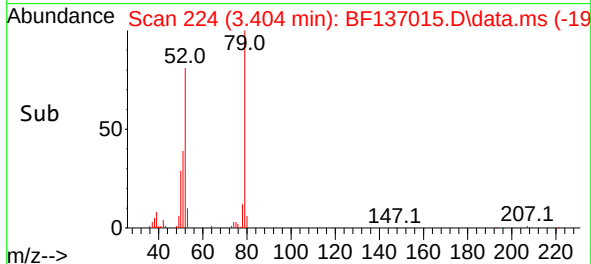
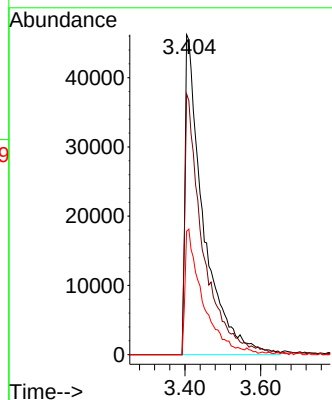
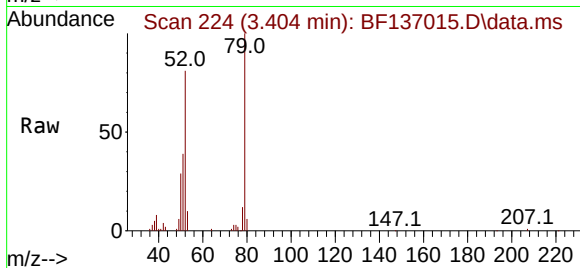
ClientSampleId :

PB158346BS

Tgt Ion: 79 Resp: 15450
Ion Ratio Lower Upper
79 100
52 81.4 67.7 101.5
51 38.6 34.0 51.0

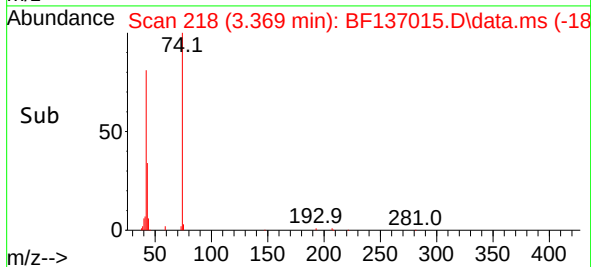
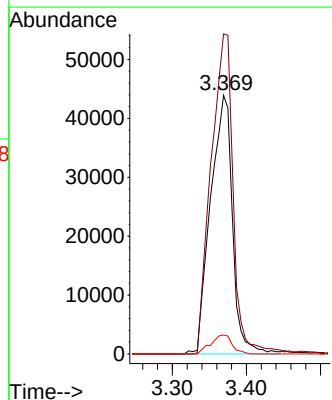
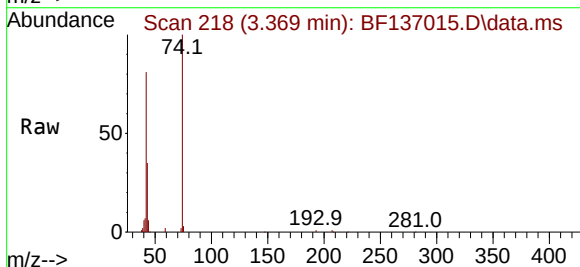
Manual Integrations
APPROVED

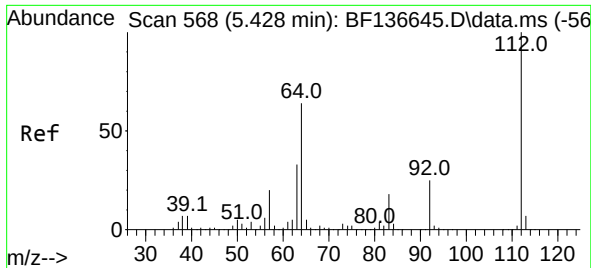
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#4
n-Nitrosodimethylamine
Concen: 35.048 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 42 Resp: 90246
Ion Ratio Lower Upper
42 100
74 123.6 96.0 144.0
44 7.3 5.4 8.2





#5
2-Fluorophenol
Concen: 114.109 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

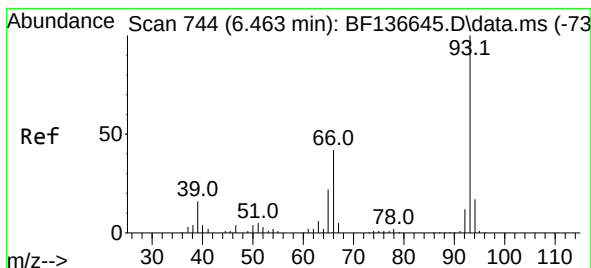
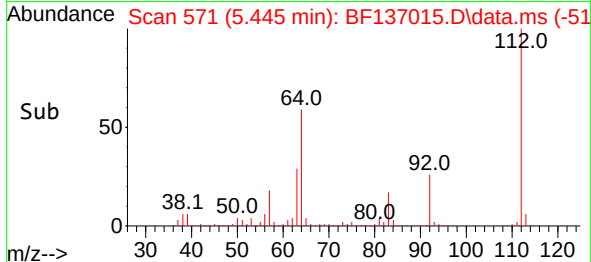
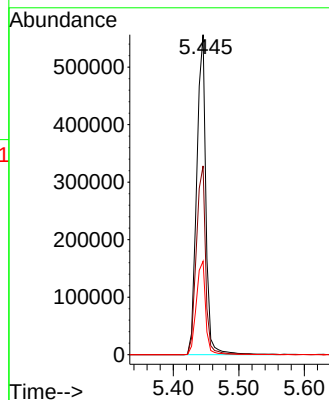
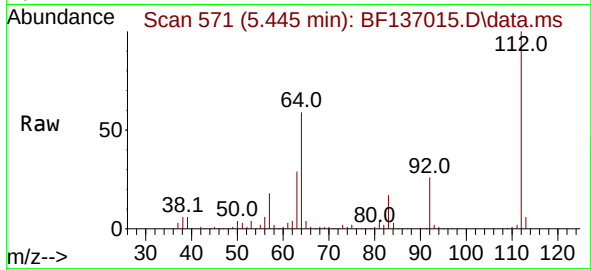
PB158346BS

Tgt Ion:112 Resp: 541210
Ion Ratio Lower Upper
112 100
64 59.0 51.1 76.7
63 29.2 26.1 39.1

Manual Integrations

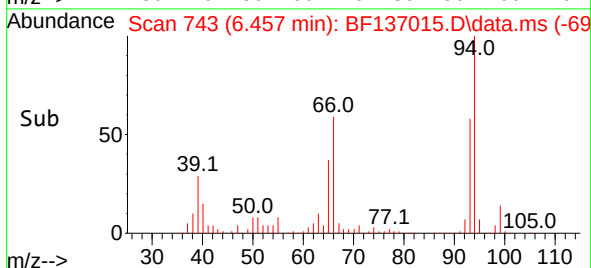
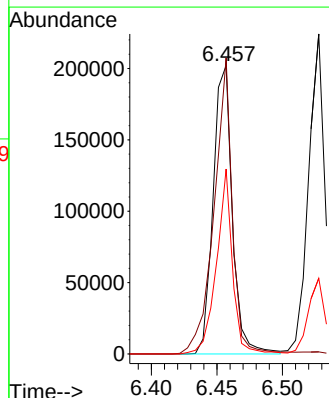
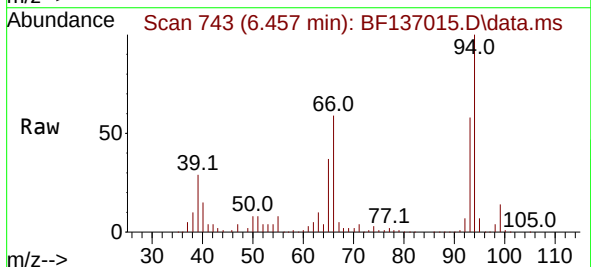
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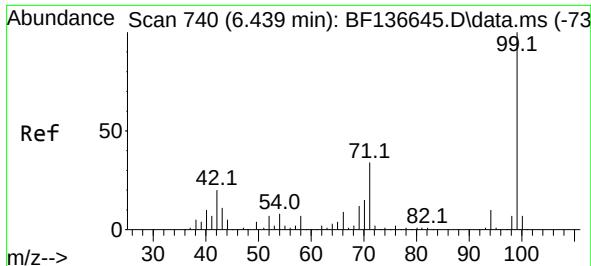
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#6
Aniline
Concen: 33.439 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

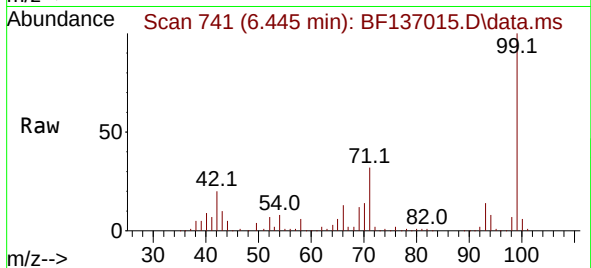
Tgt Ion: 93 Resp: 205467
Ion Ratio Lower Upper
93 100
66 102.6 34.6 51.8#
65 64.1 17.8 26.8#





#7
Phenol-d6
Concen: 111.471 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

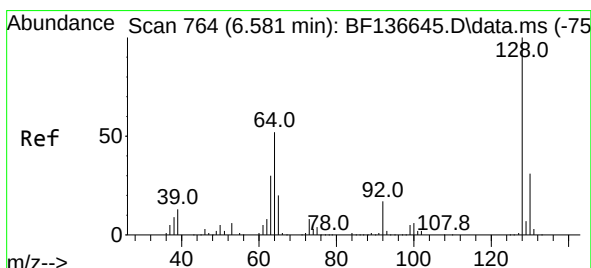
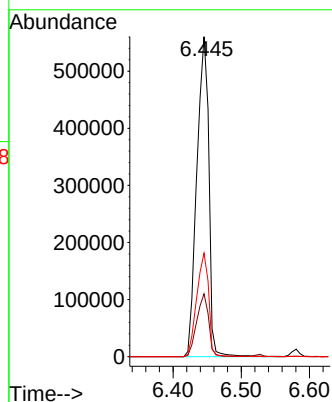
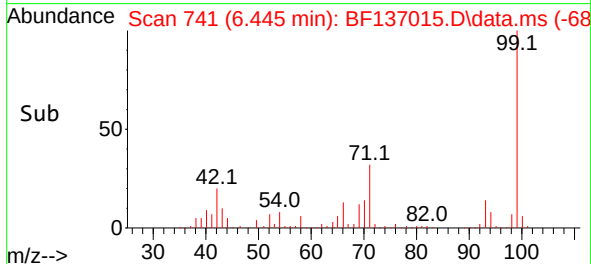
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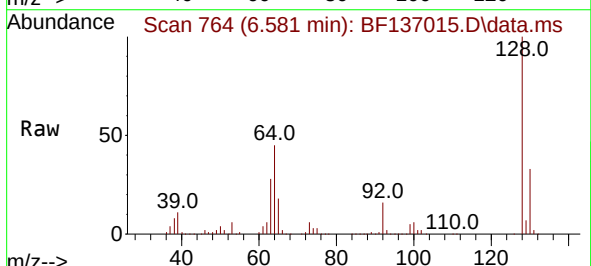
Tgt Ion: 99 Resp: 685072
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 32.3 27.4 41.2

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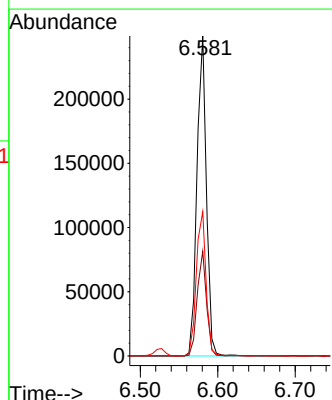
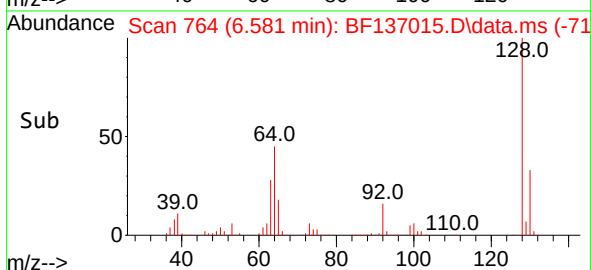
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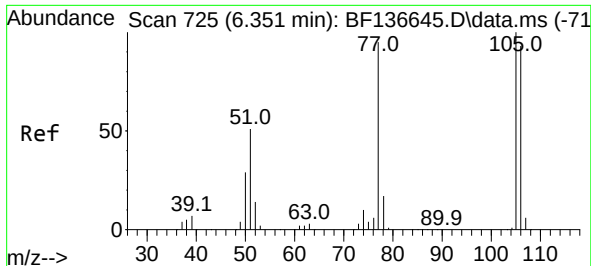


#8
2-Chlorophenol
Concen: 40.626 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



Tgt Ion:128 Resp: 210867
Ion Ratio Lower Upper
128 100
130 32.7 11.3 51.3
64 45.1 32.5 72.5





#9
Benzaldehyde
Concen: 21.362 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

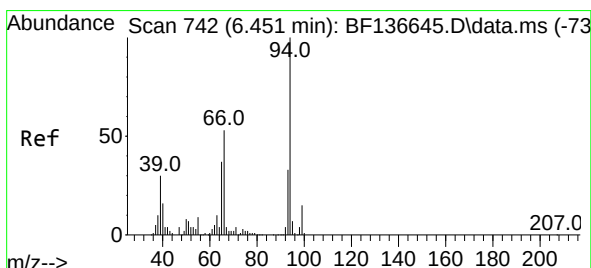
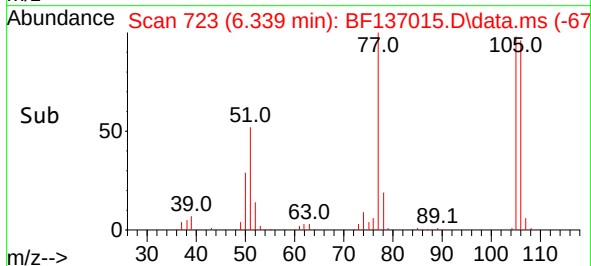
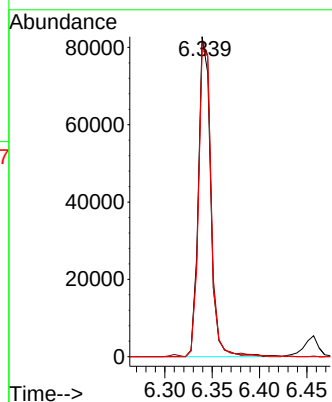
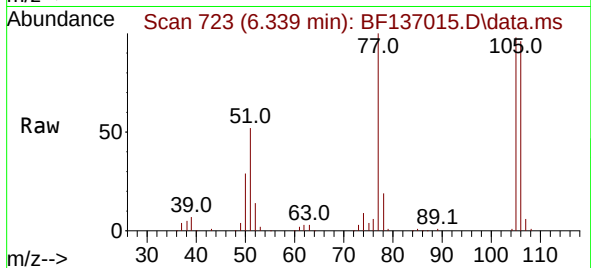
PB158346BS

Tgt Ion: 77 Resp: 7467
Ion Ratio Lower Upper
77 100
105 98.1 84.8 124.8
106 96.0 77.8 117.8

Manual Integrations

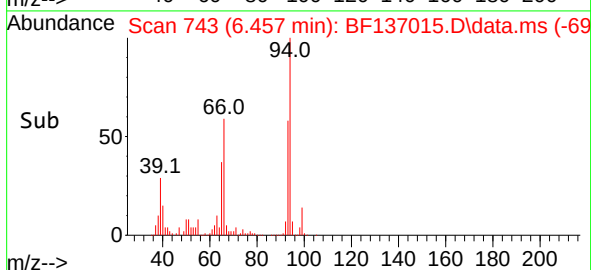
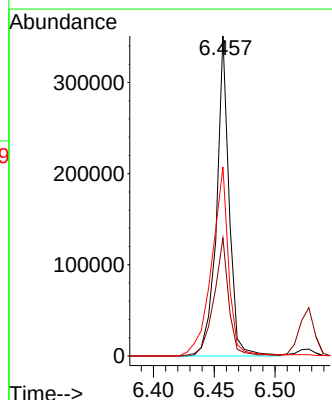
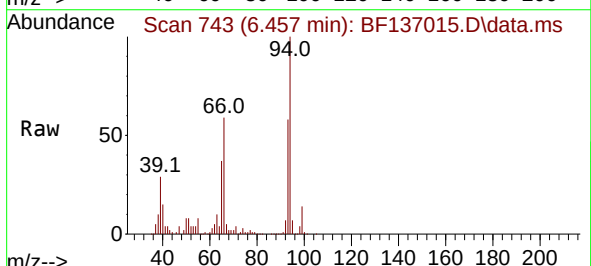
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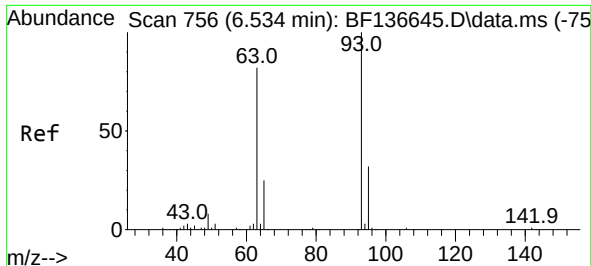
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#10
Phenol
Concen: 38.388 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 94 Resp: 251851
Ion Ratio Lower Upper
94 100
65 36.9 16.6 56.6
66 59.1 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 38.527 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

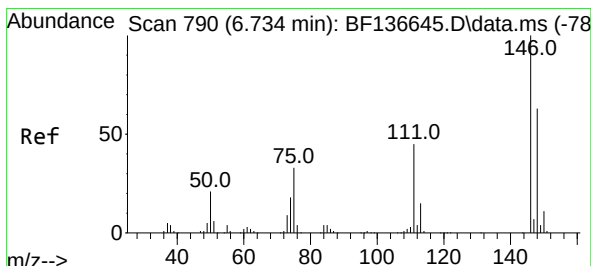
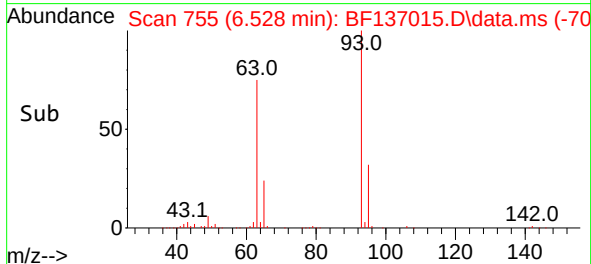
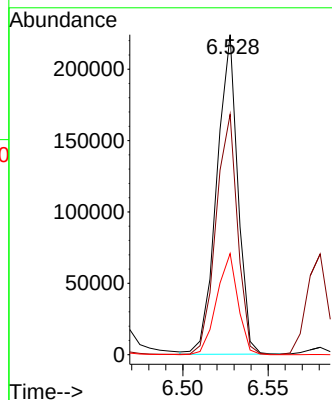
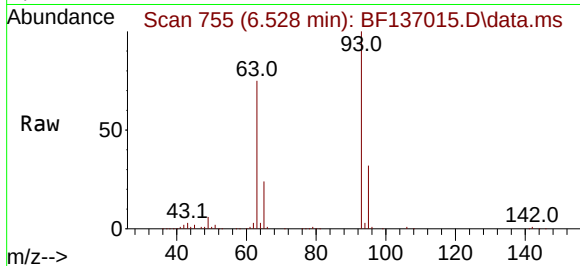
ClientSampleId :

PB158346BS

Tgt Ion: 93 Resp: 19222
Ion Ratio Lower Upper
93 100
63 75.1 61.2 101.2
95 31.6 11.6 51.6

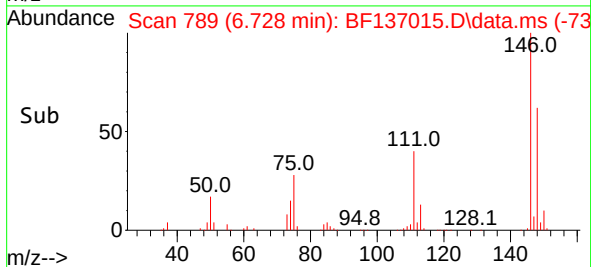
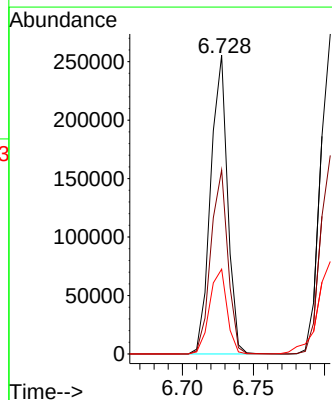
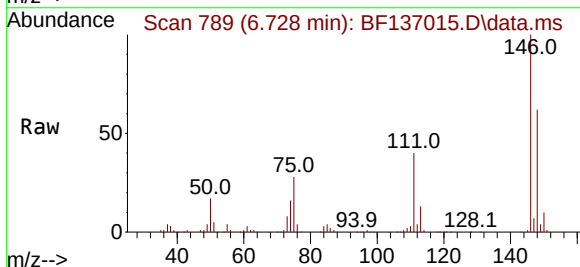
Manual Integrations
APPROVED

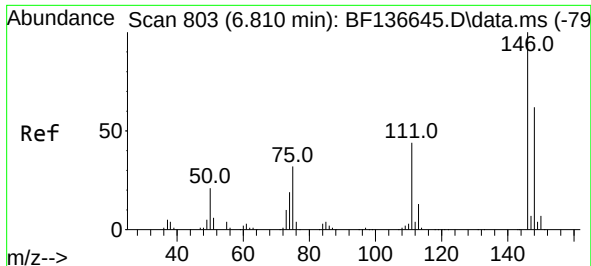
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#12
1,3-Dichlorobenzene
Concen: 37.303 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:146 Resp: 211218
Ion Ratio Lower Upper
146 100
148 61.6 50.5 75.7
75 28.4 26.2 39.4





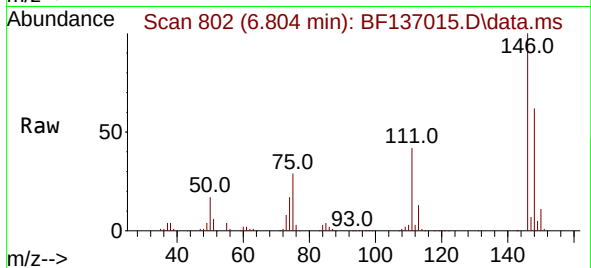
#13
1,4-Dichlorobenzene
Concen: 36.818 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

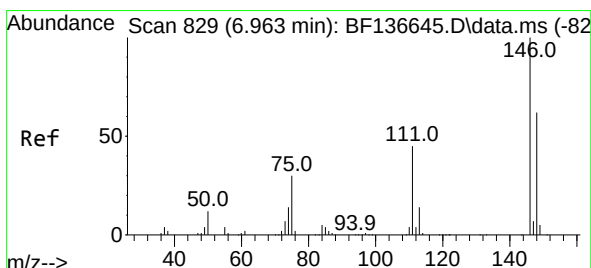
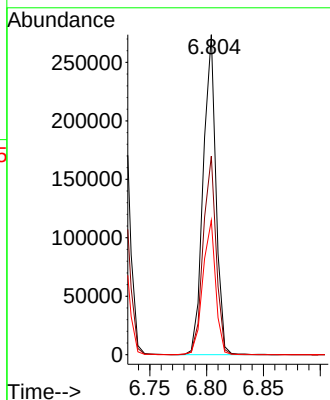
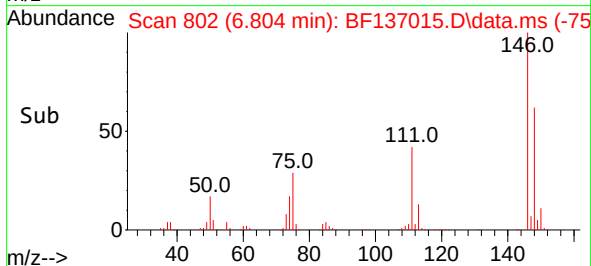


Tgt Ion:146 Resp: 213009
Ion Ratio Lower Upper
146 100
148 62.1 49.2 73.8
111 41.9 35.2 52.8

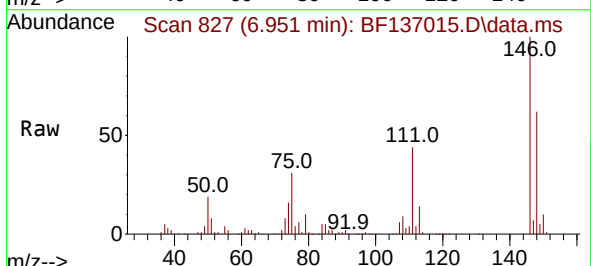
Manual Integrations

APPROVED

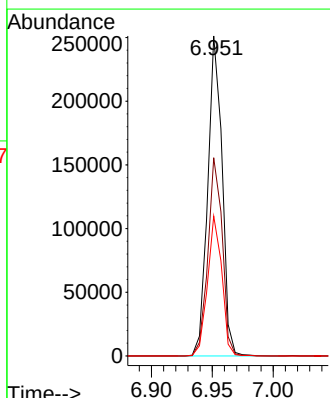
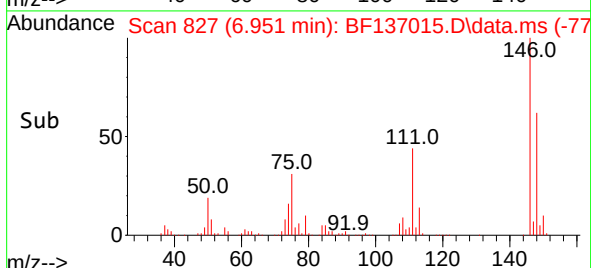
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

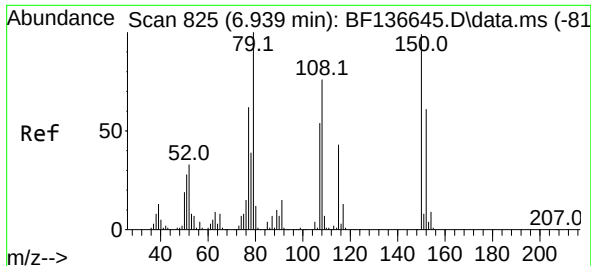


#14
1,2-Dichlorobenzene
Concen: 38.141 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



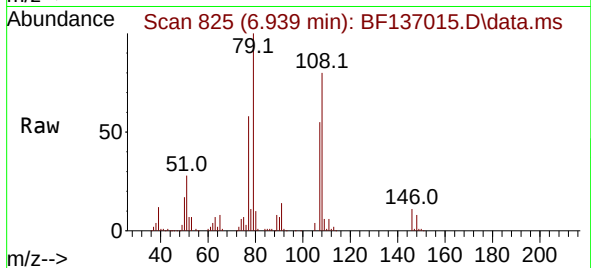
Tgt Ion:146 Resp: 205329
Ion Ratio Lower Upper
146 100
148 61.9 49.6 74.4
111 43.7 36.2 54.2





#15
Benzyl Alcohol
Concen: 39.866 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

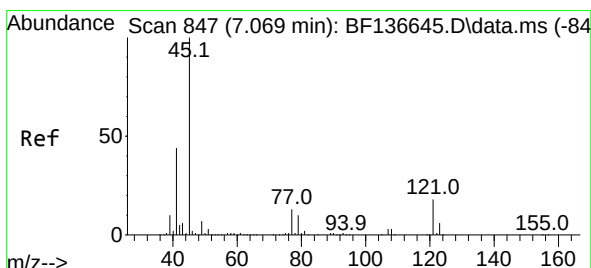
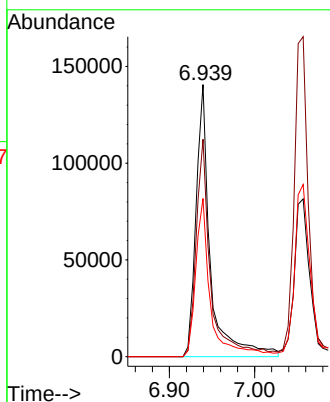
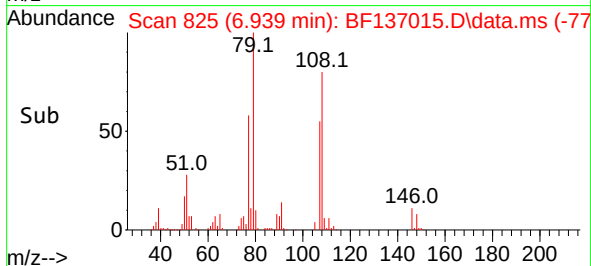
Instrument :
BNA_F
ClientSampleId :
PB158346BS



Tgt Ion: 79 Resp: 165290
Ion Ratio Lower Upper
79 100
108 79.9 61.0 91.6
77 58.2 49.8 74.8

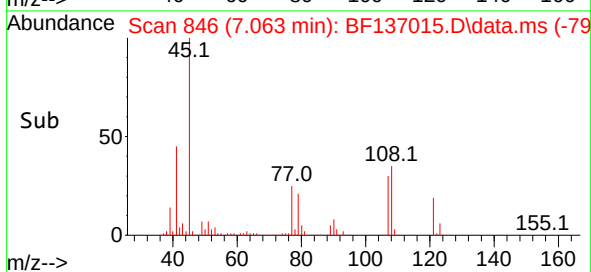
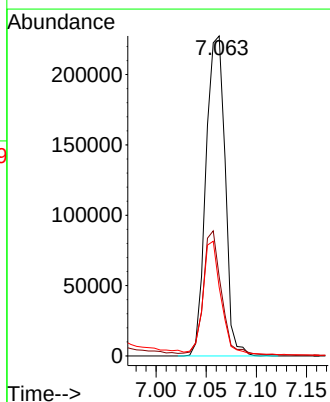
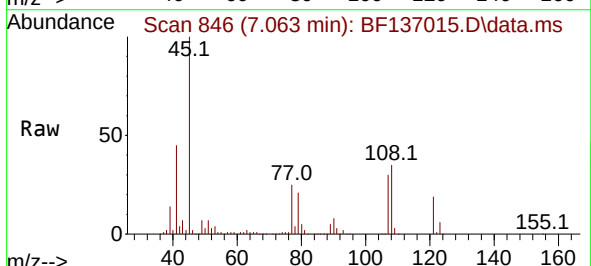
Manual Integrations
APPROVED

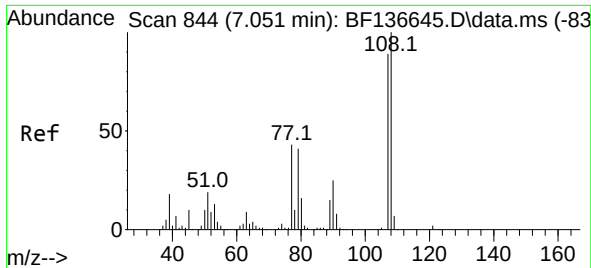
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.076 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 45 Resp: 302434
Ion Ratio Lower Upper
45 100
77 24.8 0.0 34.3
79 21.5 0.0 31.4





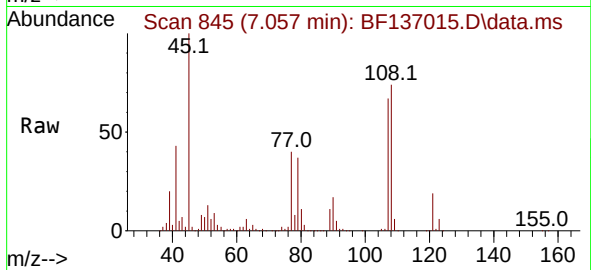
#17
2-Methylphenol
Concen: 39.854 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

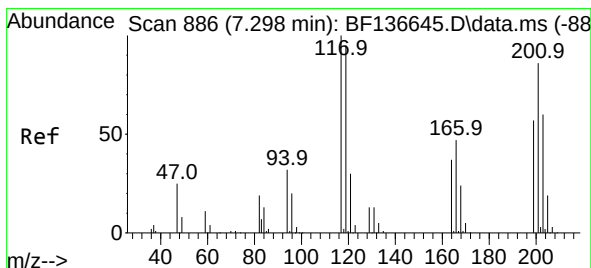
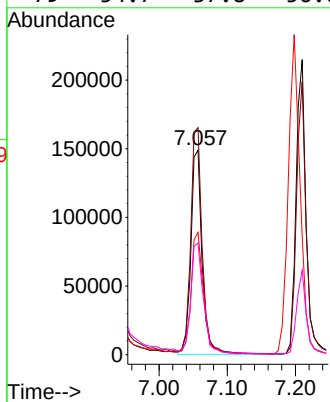
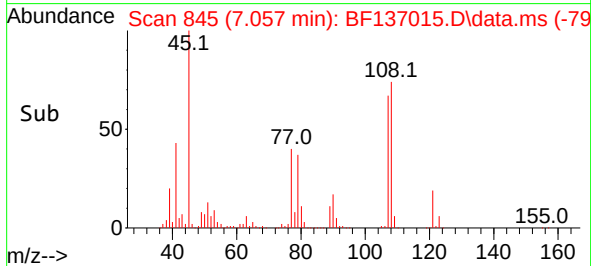


Tgt Ion:107 Resp: 171360
Ion Ratio Lower Upper
107 100
108 111.0 90.3 135.5
77 59.7 38.7 58.1
79 54.7 37.8 56.6

Manual Integrations

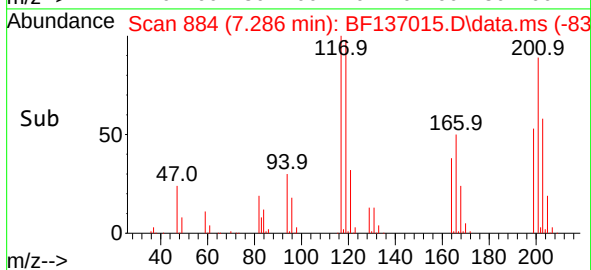
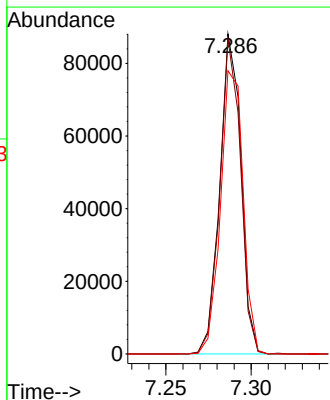
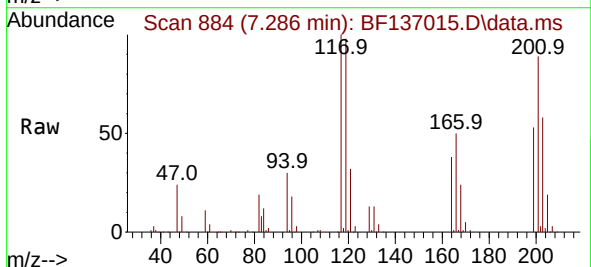
APPROVED

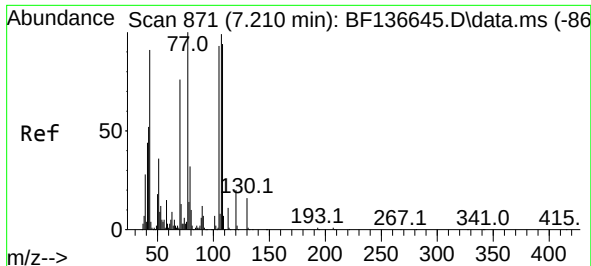
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#18
Hexachloroethane
Concen: 36.354 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:117 Resp: 76383
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
201 88.5 69.1 103.7





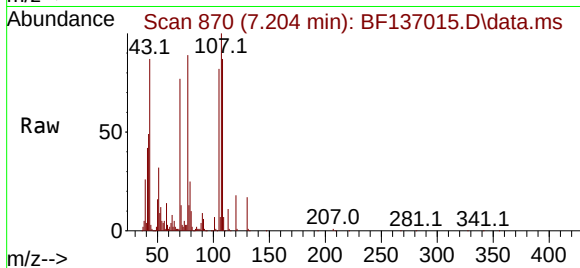
#19
n-Nitroso-di-n-propylamine
Concen: 38.439 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

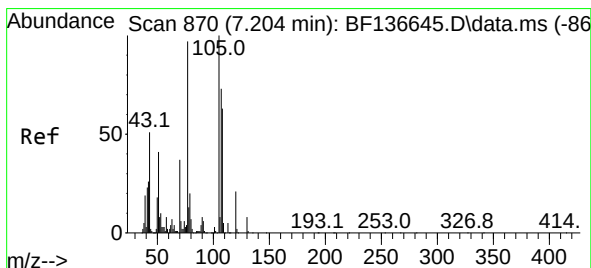
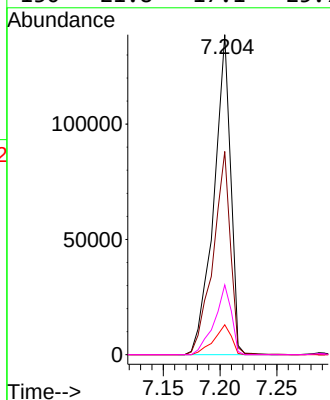
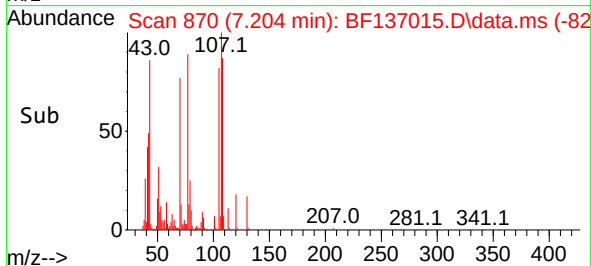
PB158346BS



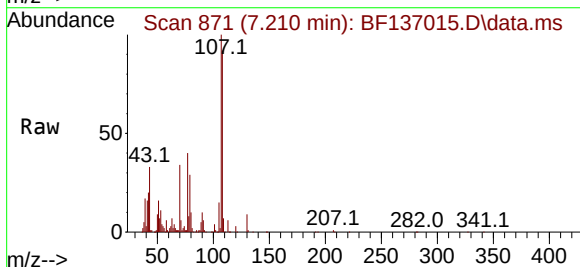
Tgt Ion: 70 Resp: 143204
Ion Ratio Lower Upper
70 100
42 63.5 54.2 81.4
101 9.4 7.6 11.4
130 21.8 17.1 25.7

Manual Integrations
APPROVED

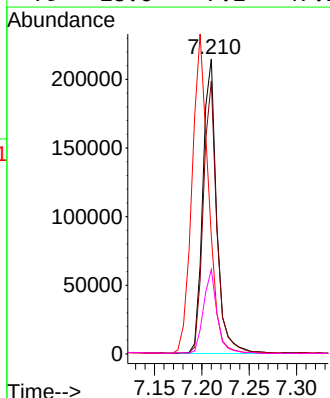
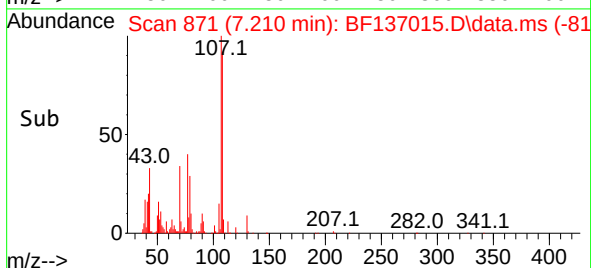
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

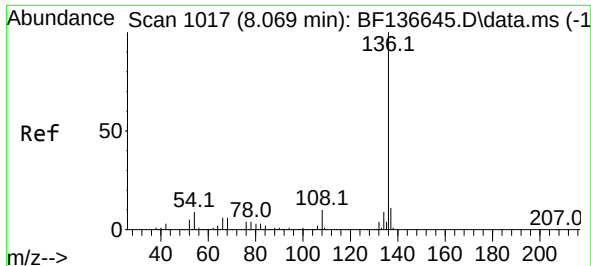


#20
3+4-Methylphenols
Concen: 40.622 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



Tgt Ion:107 Resp: 218218
Ion Ratio Lower Upper
107 100
108 92.5 66.0 106.0
77 40.0 114.2 154.2#
79 28.6 7.2 47.2





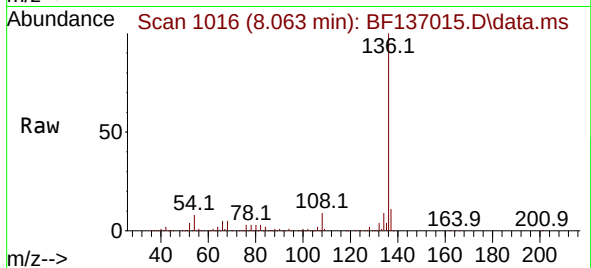
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS



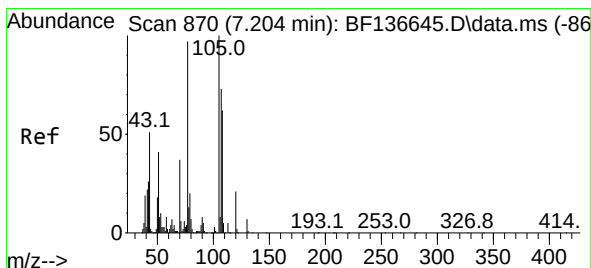
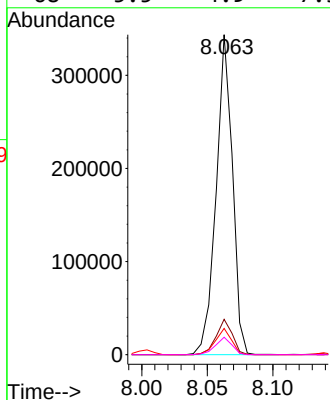
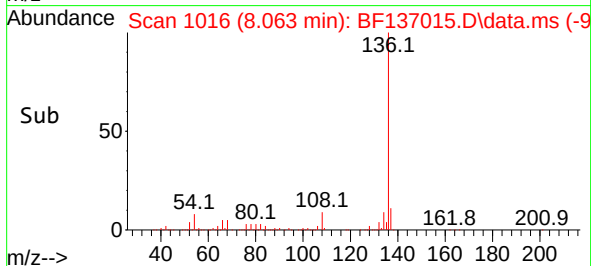
Tgt Ion:136 Resp: 29688
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.2 7.2 10.8
68 5.5 4.9 7.3

Manual Integrations

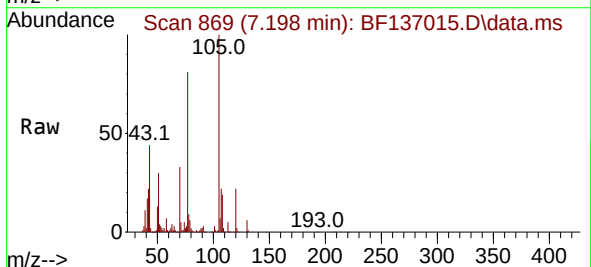
APPROVED

Reviewed By :Yogesh Patel 01/11/2024

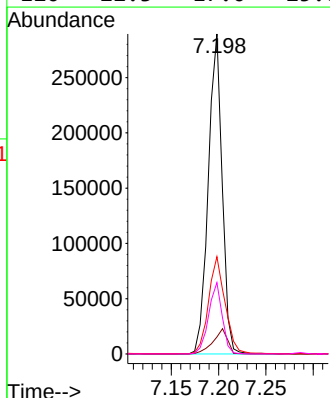
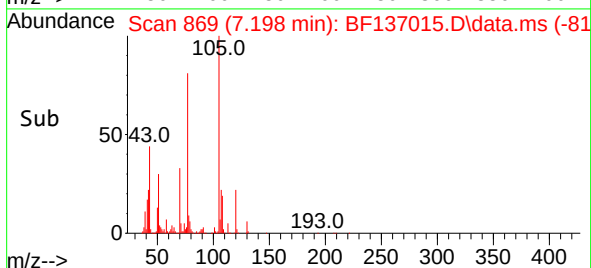
Supervised By :mohammad ahmed 01/12/2024

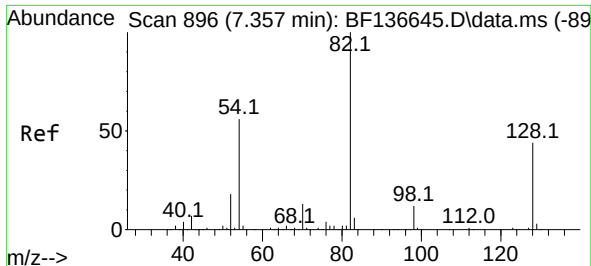


#22
Acetophenone
Concen: 39.582 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



Tgt Ion:105 Resp: 294541
Ion Ratio Lower Upper
105 100
71 5.3 4.8 7.2
51 30.4 32.8 49.2#
120 22.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 71.197 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

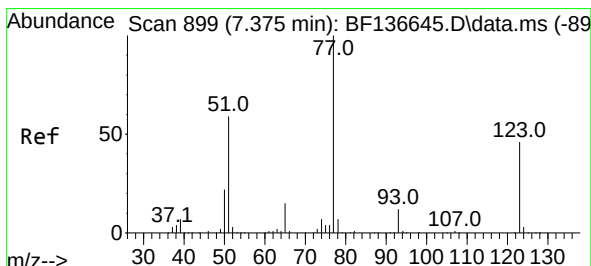
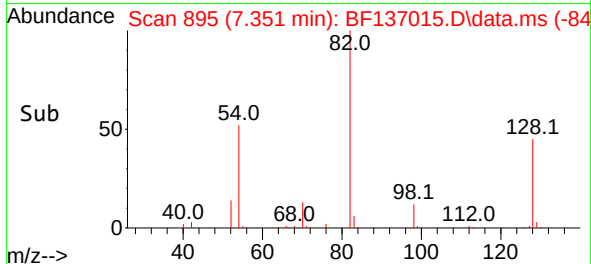
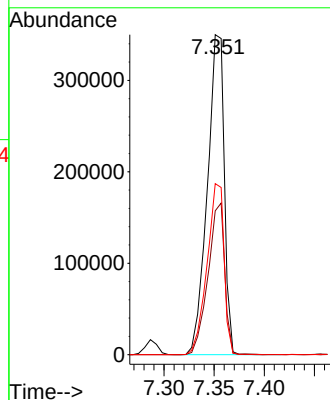
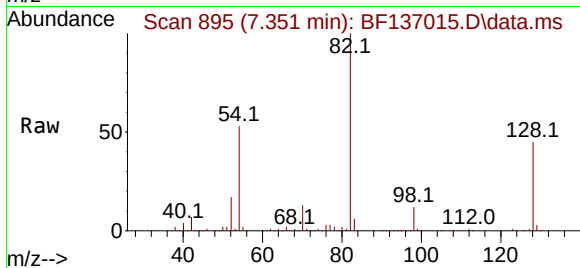
Tgt Ion: 82 Resp: 413060

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.3	52.9
54	53.5	44.5	66.7

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 36.513 ng

RT: 7.375 min Scan# 899

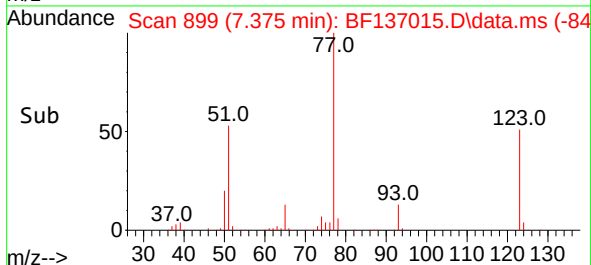
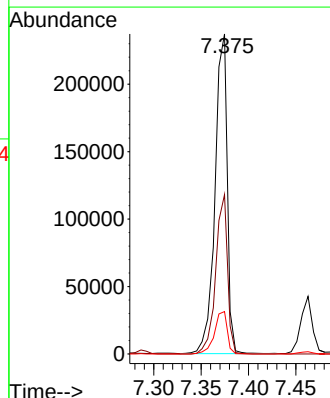
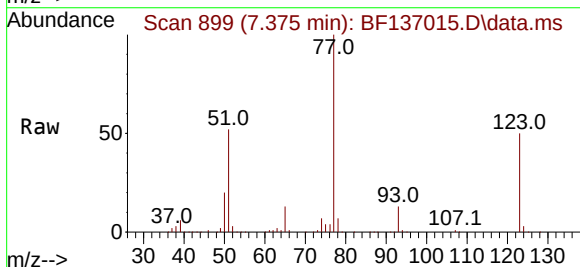
Delta R.T. 0.000 min

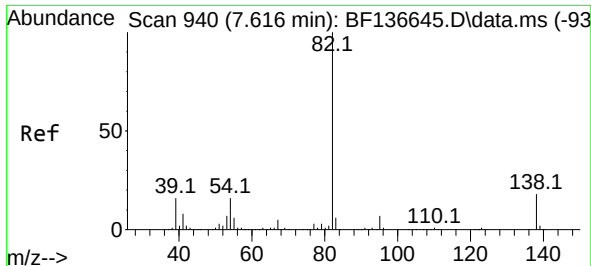
Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Tgt Ion: 77 Resp: 212208

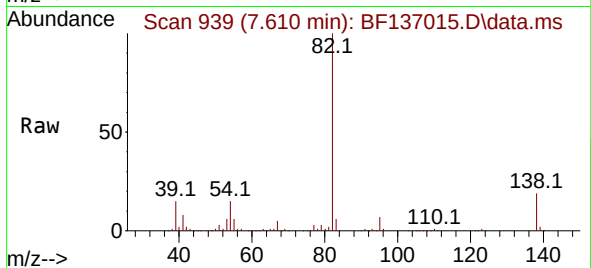
Ion	Ratio	Lower	Upper
77	100		
123	49.8	36.7	55.1
65	13.3	11.8	17.6





#25
Isophorone
Concen: 37.727 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

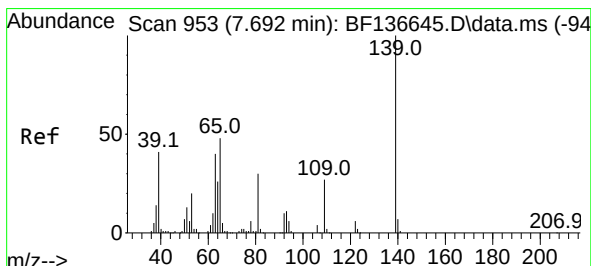
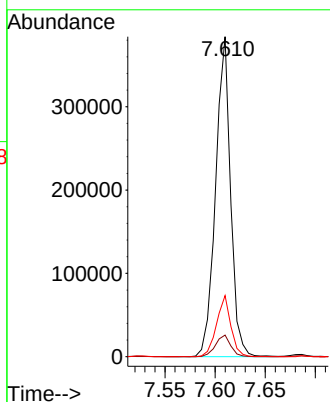
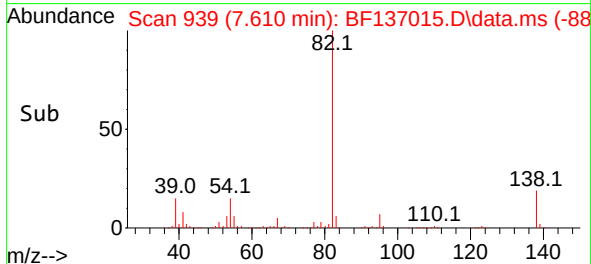
Instrument :
BNA_F
ClientSampleId :
PB158346BS



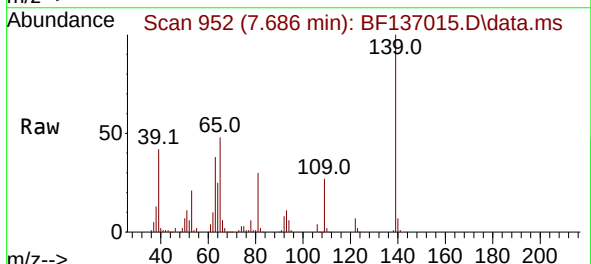
Tgt Ion: 82 Resp: 39828
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.1 14.5 21.7

Manual Integrations
APPROVED

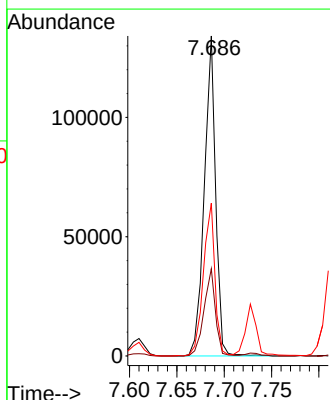
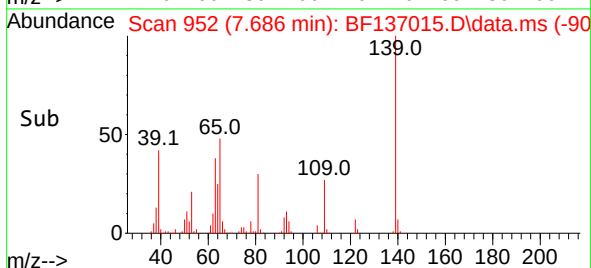
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

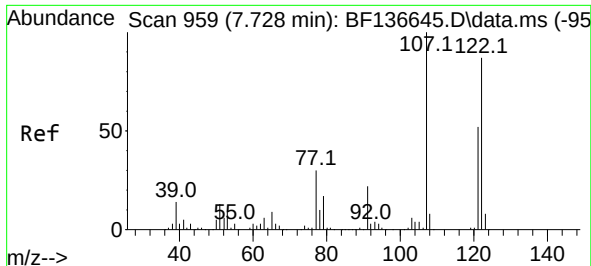


#26
2-Nitrophenol
Concen: 40.176 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



Tgt Ion:139 Resp: 111716
Ion Ratio Lower Upper
139 100
109 27.3 21.9 32.9
65 47.7 38.6 58.0





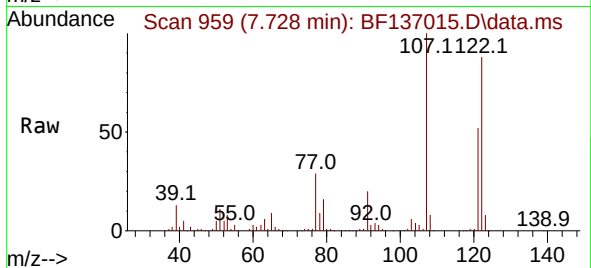
#27
2,4-Dimethylphenol
Concen: 55.760 ng
RT: 7.728 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS



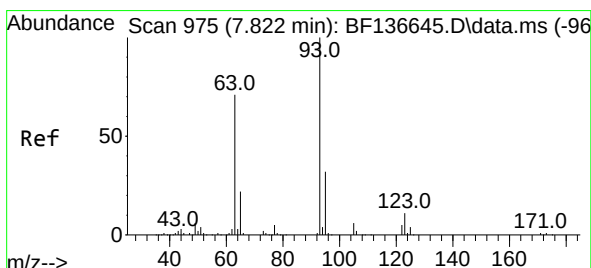
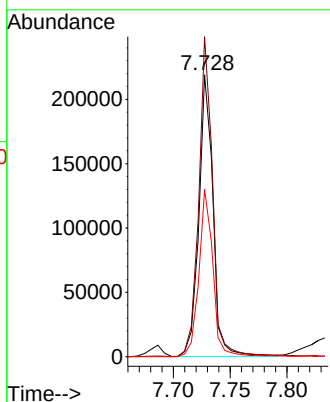
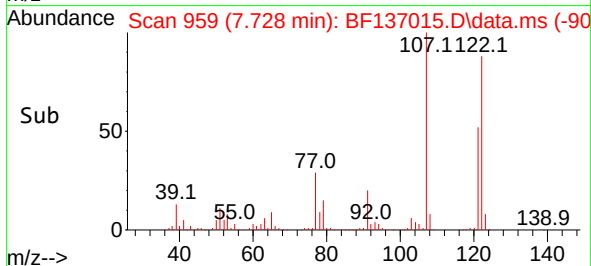
Tgt Ion:122 Resp: 188762
Ion Ratio Lower Upper
122 100
107 113.5 92.0 138.0
121 59.3 47.5 71.3

Manual Integrations

APPROVED

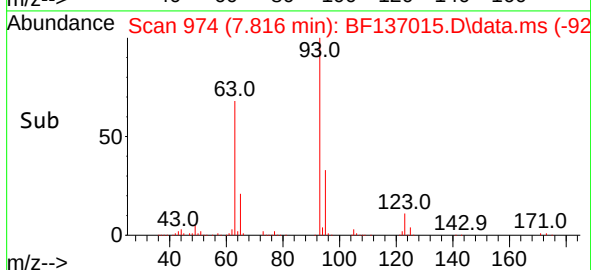
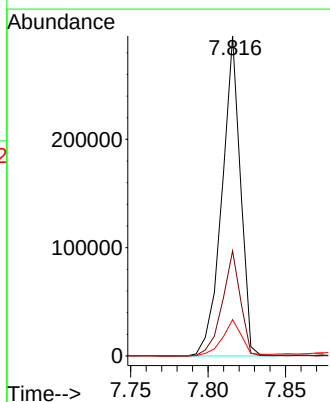
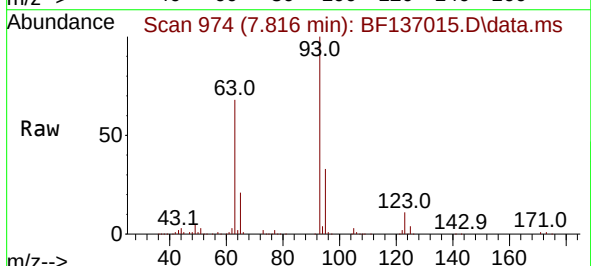
Reviewed By :Yogesh Patel 01/11/2024

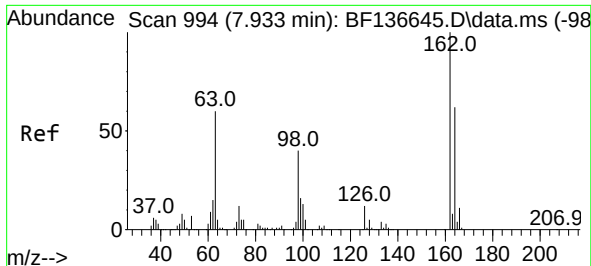
Supervised By :mohammad ahmed 01/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 38.202 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion: 93 Resp: 245144
Ion Ratio Lower Upper
93 100
95 32.8 25.5 38.3
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.378 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF137015.D

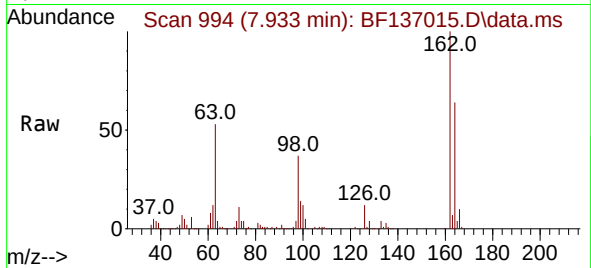
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS



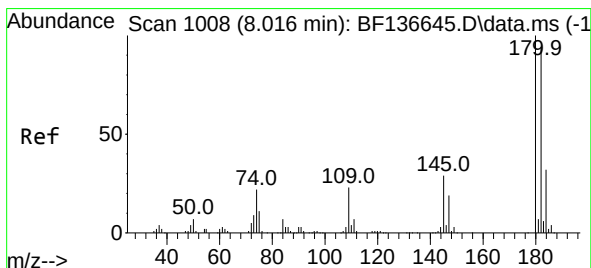
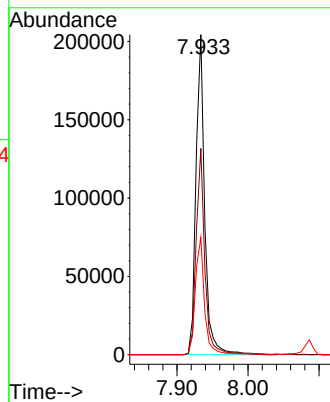
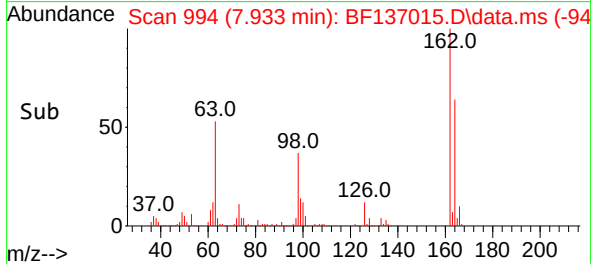
Tgt Ion:	162	Resp:	175979
Ion Ratio	Lower	Upper	
162	100		
164	64.5	41.7	81.7
98	36.6	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#30

1,2,4-Trichlorobenzene

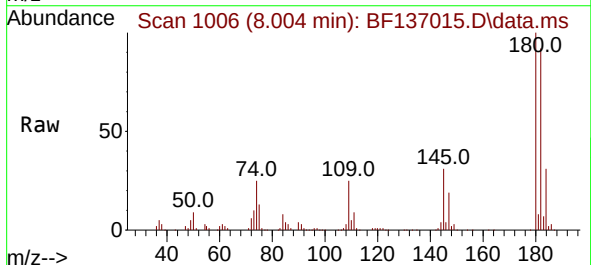
Concen: 37.338 ng

RT: 8.004 min Scan# 1006

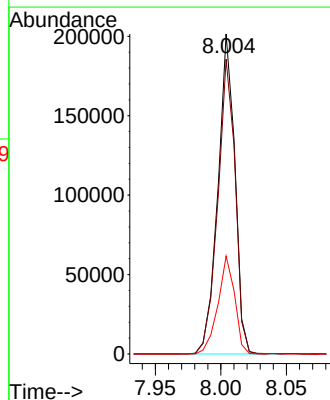
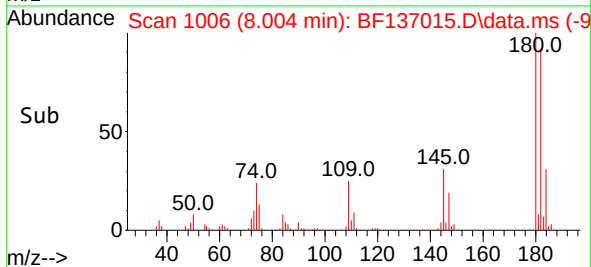
Delta R.T. -0.012 min

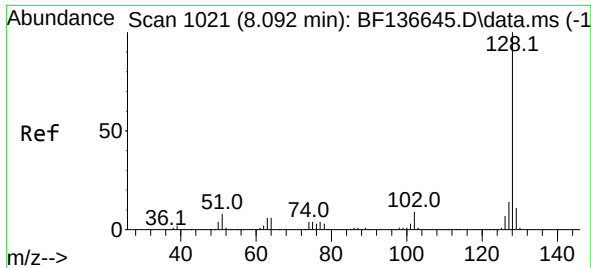
Lab File: BF137015.D

Acq: 10 Jan 2024 12:32



Tgt Ion:	180	Resp:	181312
Ion Ratio	Lower	Upper	
180	100		
182	92.1	75.4	113.0
145	30.6	23.1	34.7





#31
Naphthalene
Concen: 37.367 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

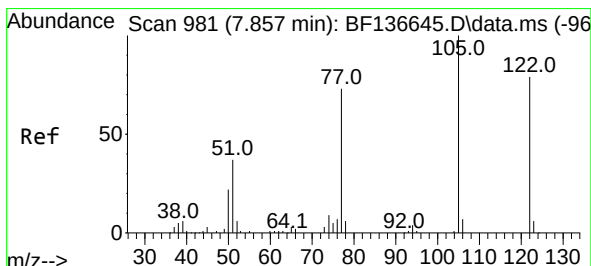
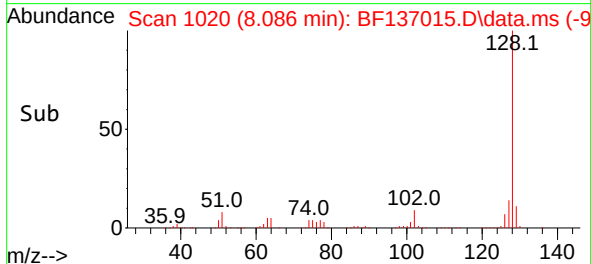
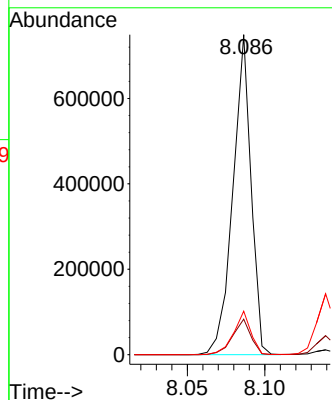
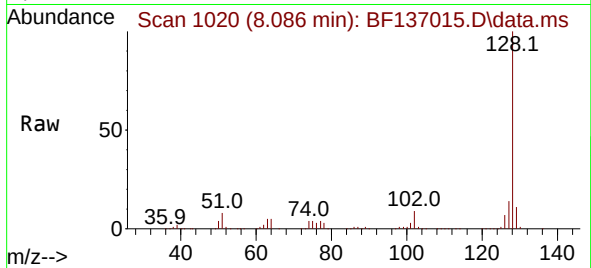
ClientSampleId :

PB158346BS

Tgt Ion:128 Resp: 609454
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.8 16.2

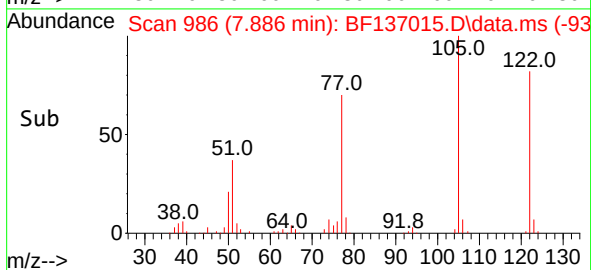
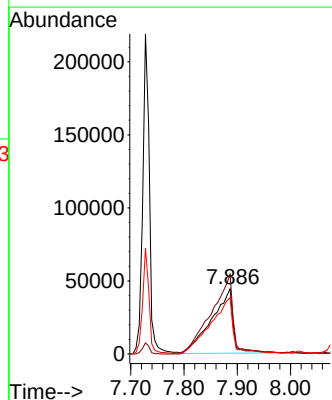
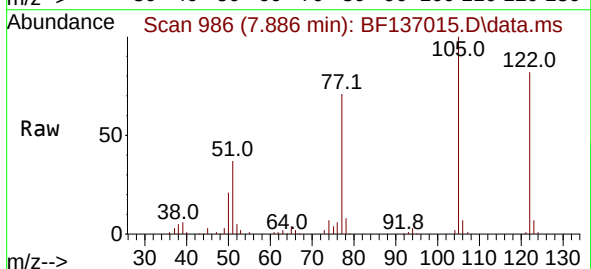
Manual Integrations
APPROVED

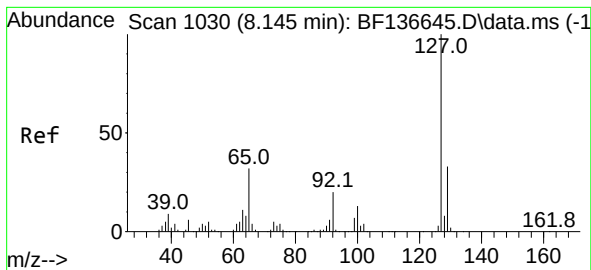
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#32
Benzoic acid
Concen: 38.260 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:122 Resp: 125321
Ion Ratio Lower Upper
122 100
105 122.1 100.8 140.8
77 86.4 70.9 110.9





#33

4-Chloroaniline

Concen: 21.014 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

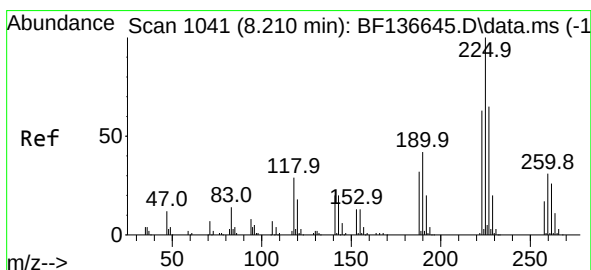
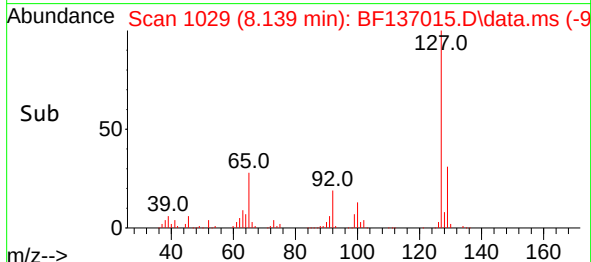
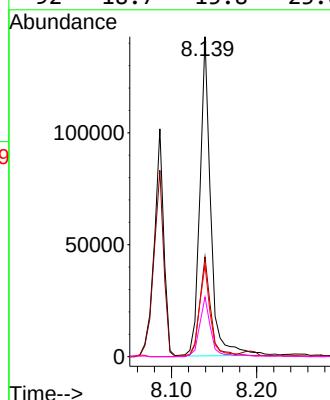
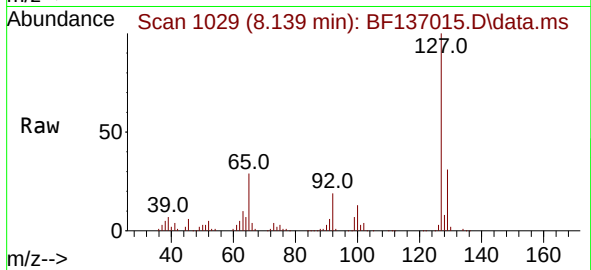
Tgt Ion:	127	Resp:	12654
Ion Ratio	Lower	Upper	
127	100		
129	31.2	26.3	39.5
65	28.6	25.8	38.8
92	18.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#34

Hexachlorobutadiene

Concen: 35.071 ng

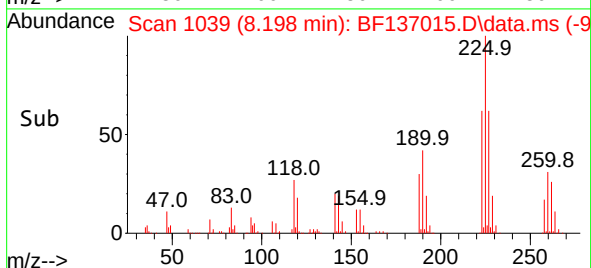
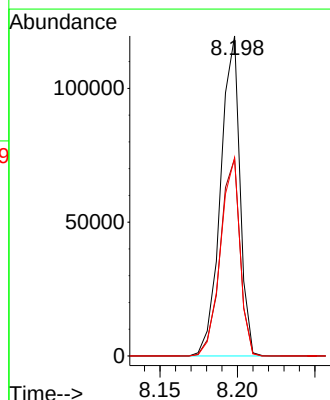
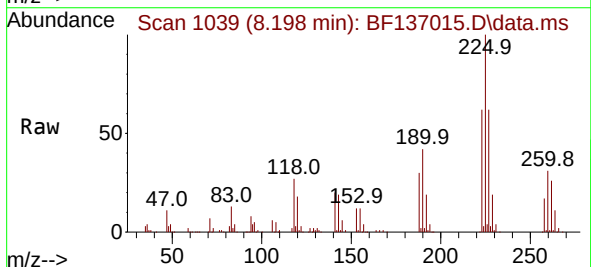
RT: 8.198 min Scan# 1039

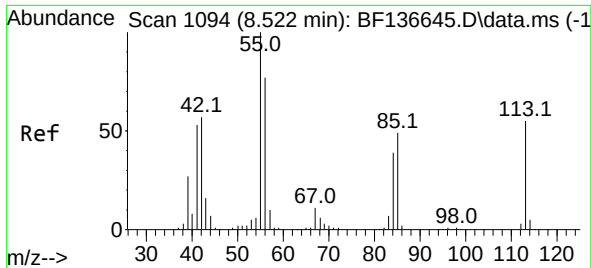
Delta R.T. -0.012 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

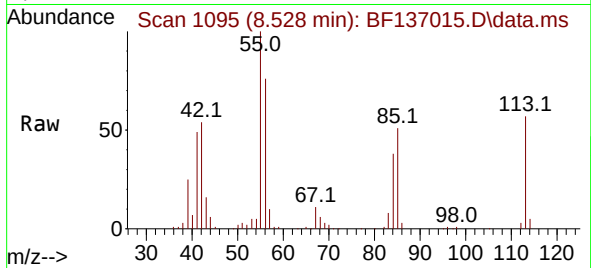
Tgt Ion:	225	Resp:	103468
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.6	76.0
227	61.9	51.9	77.9





#35
Caprolactam
Concen: 41.714 ng m
RT: 8.528 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

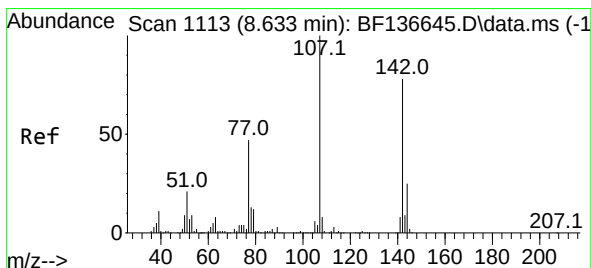
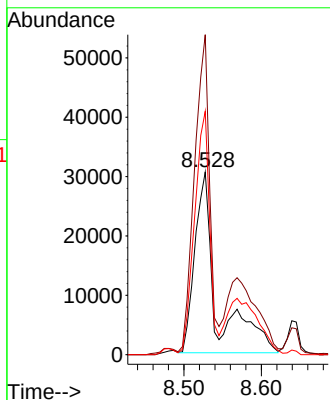
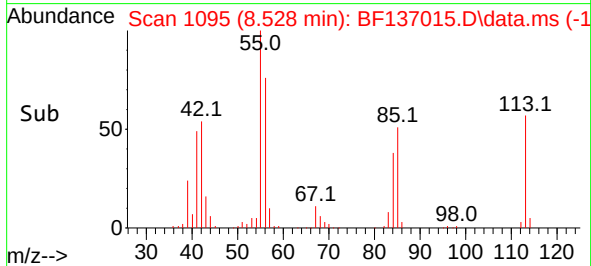
Instrument :
BNA_F
ClientSampleId :
PB158346BS



Tgt Ion:113 Resp: 59974
Ion Ratio Lower Upper
113 100
55 175.2 163.1 203.1
56 133.3 121.7 161.7

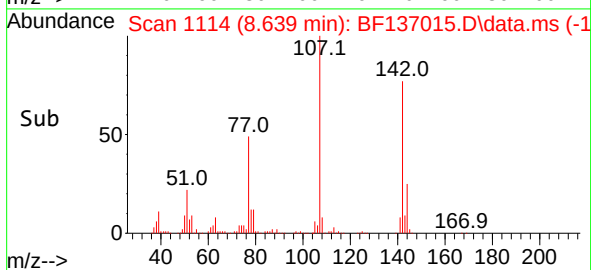
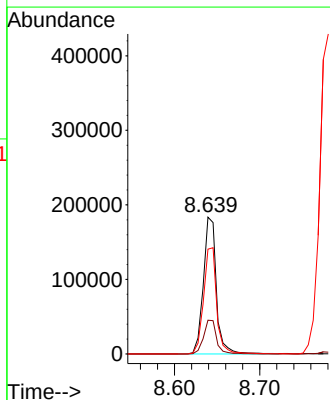
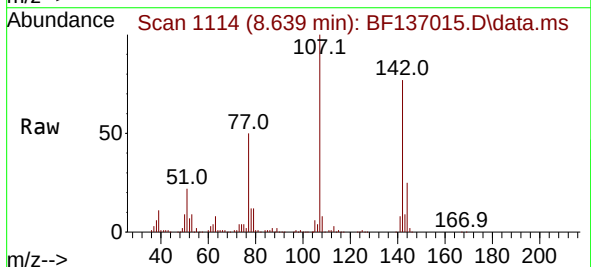
Manual Integrations
APPROVED

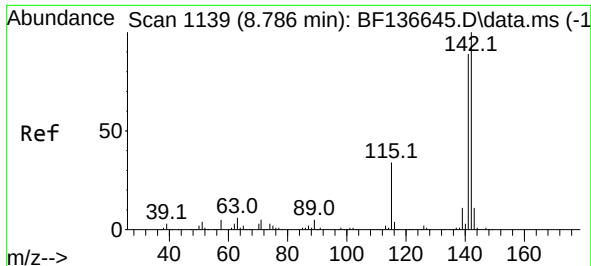
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#36
4-Chloro-3-methylphenol
Concen: 39.634 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:107 Resp: 194463
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 76.7 62.3 93.5





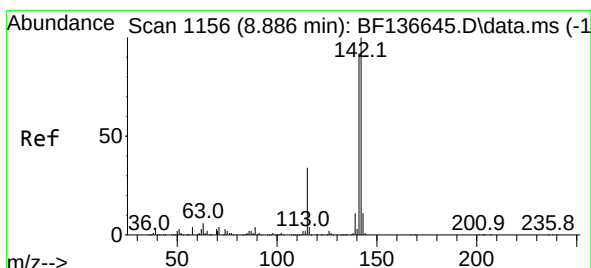
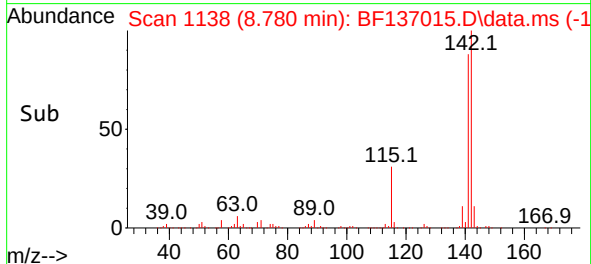
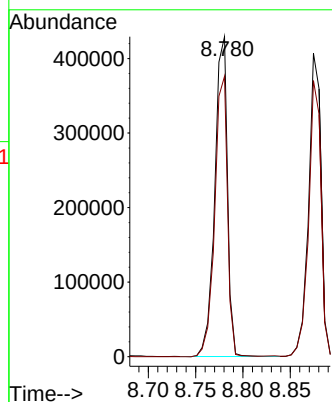
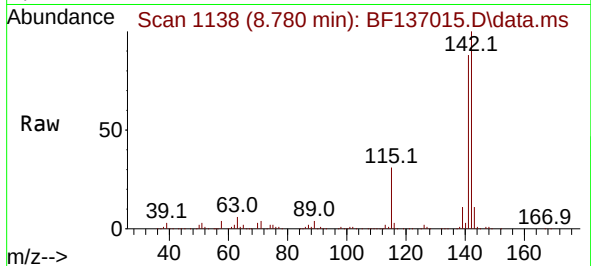
#37
2-Methylnaphthalene
Concen: 38.092 ng
RT: 8.780 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB158346BS

Tgt Ion:142 Resp: 399832
Ion Ratio Lower Upper
142 100
141 87.6 71.1 106.7

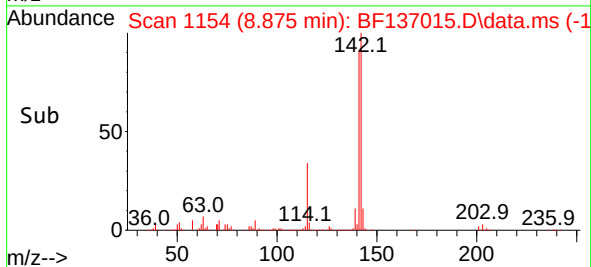
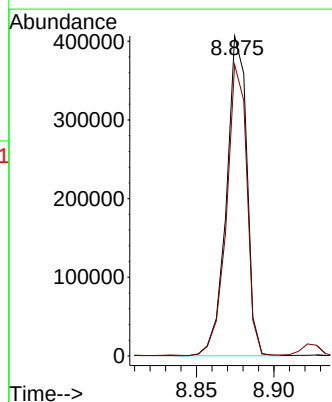
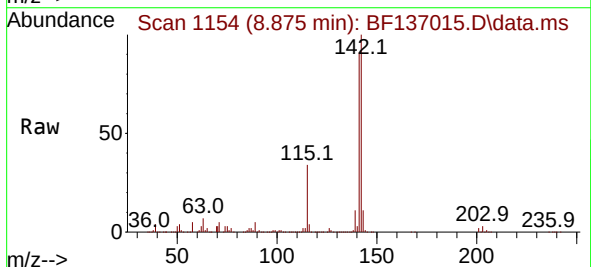
Manual Integrations
APPROVED

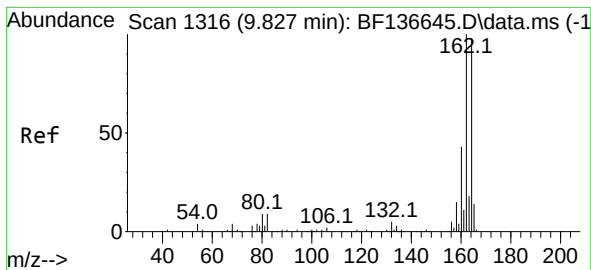
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#38
1-Methylnaphthalene
Concen: 36.134 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:142 Resp: 372113
Ion Ratio Lower Upper
142 100
141 91.1 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: BF137015.D

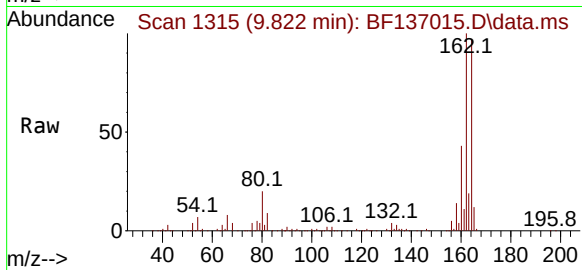
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS



Tgt Ion:164 Resp: 155878

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

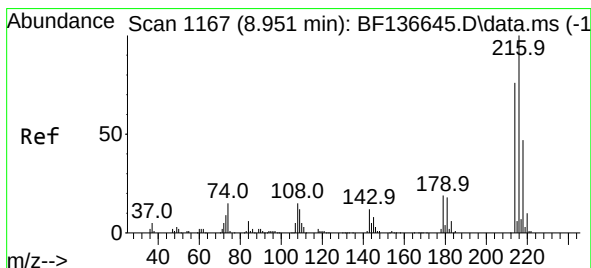
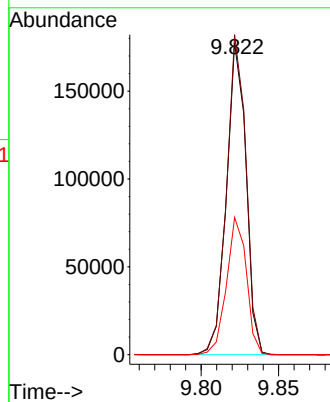
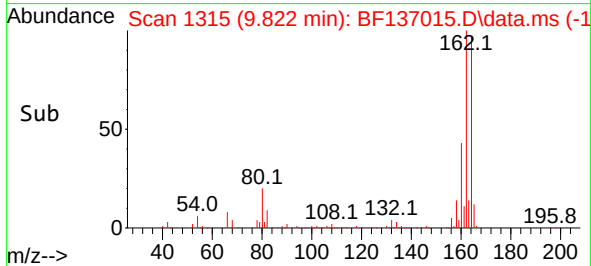
160 44.0 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.592 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Tgt Ion:216 Resp: 191129

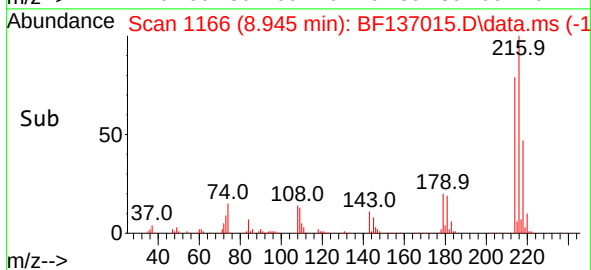
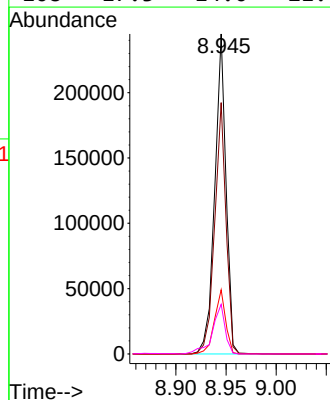
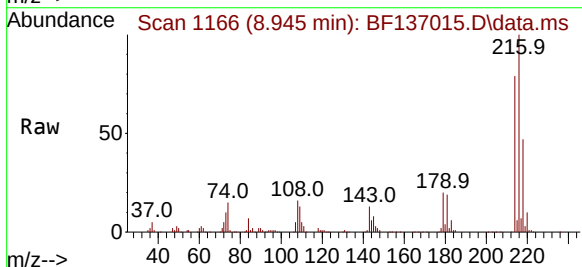
Ion Ratio Lower Upper

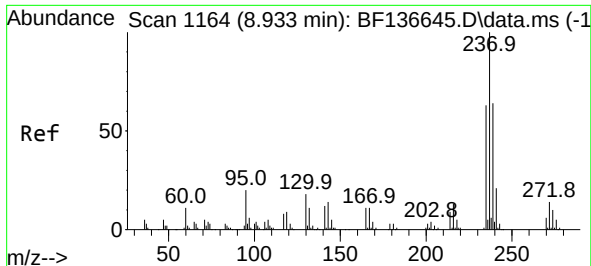
216 100

214 78.9 62.3 93.5

179 19.9 16.4 24.6

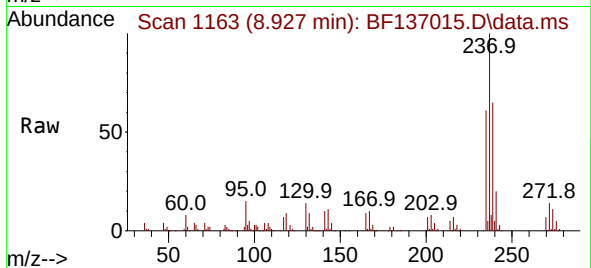
108 17.3 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 73.230 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

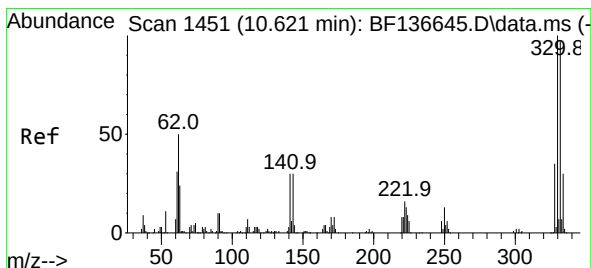
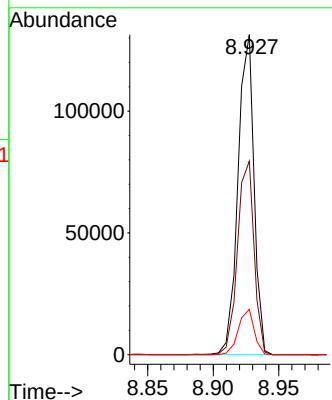
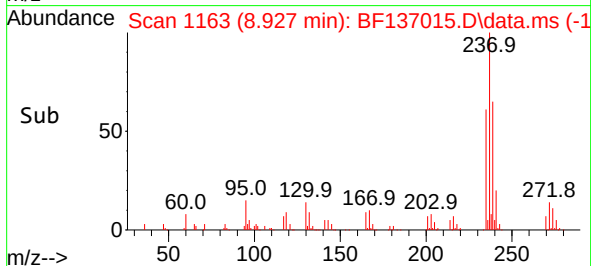
Instrument :
BNA_F
ClientSampleId :
PB158346BS



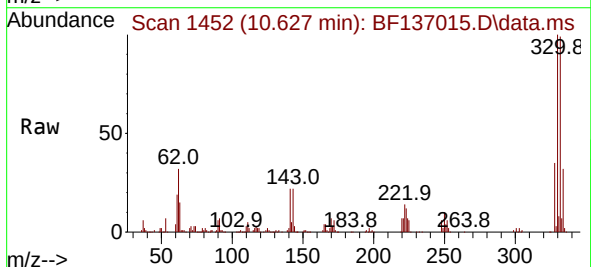
Tgt Ion:237 Resp: 112030
Ion Ratio Lower Upper
237 100
235 60.5 43.2 83.2
272 14.2 0.0 34.2

Manual Integrations
APPROVED

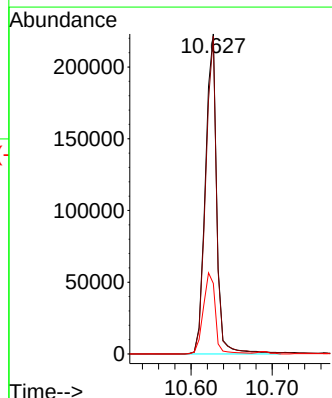
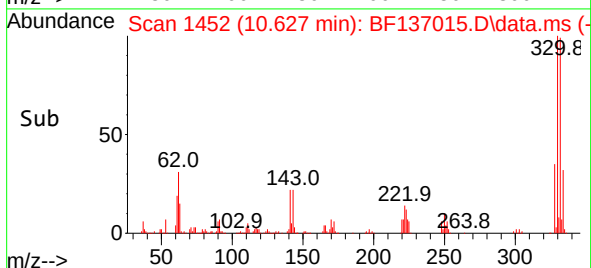
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

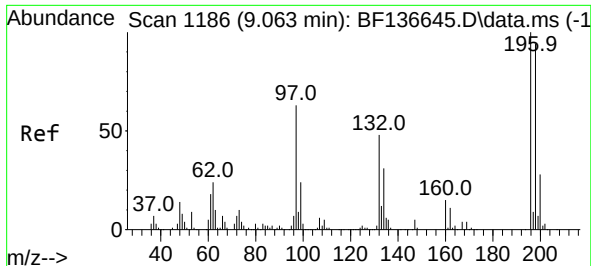


#42
2,4,6-Tribromophenol
Concen: 117.447 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



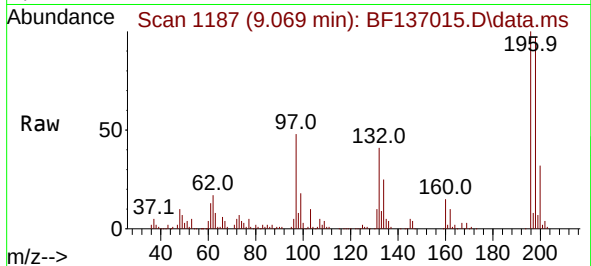
Tgt Ion:330 Resp: 215610
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 27.1 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.393 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

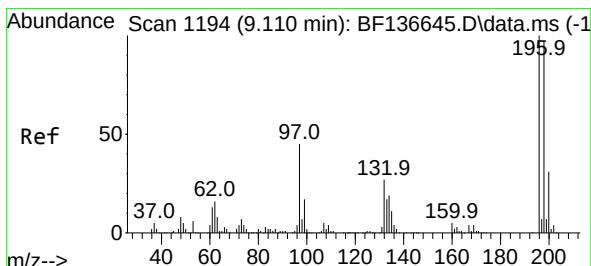
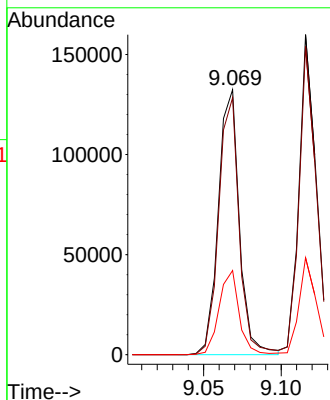
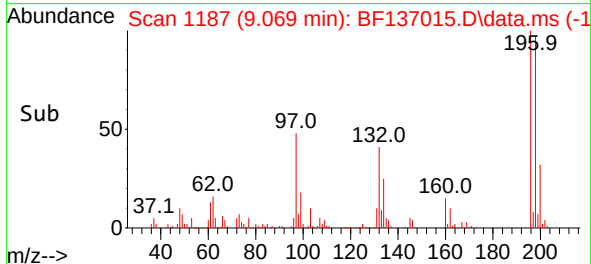
Instrument :
BNA_F
ClientSampleId :
PB158346BS



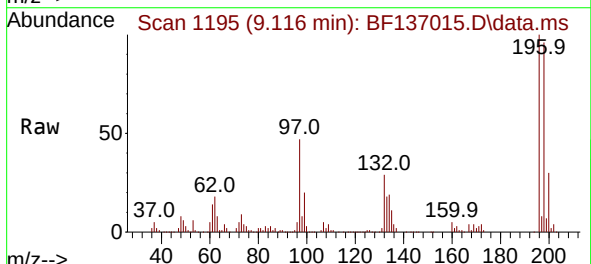
Tgt Ion:196 Resp: 12505
Ion Ratio Lower Upper
196 100
198 97.0 75.1 112.7
200 31.8 22.5 33.7

Manual Integrations
APPROVED

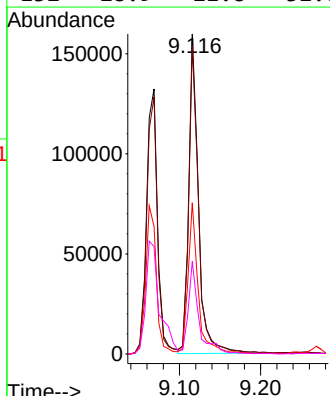
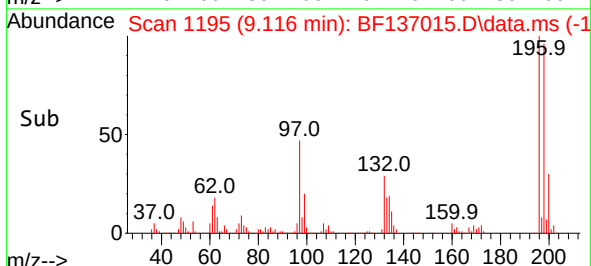
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

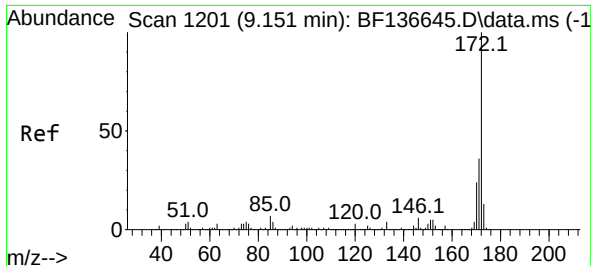


#44
2,4,5-Trichlorophenol
Concen: 38.793 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



Tgt Ion:196 Resp: 133836
Ion Ratio Lower Upper
196 100
198 96.3 77.0 115.6
97 47.3 36.1 54.1
132 28.9 21.8 32.6





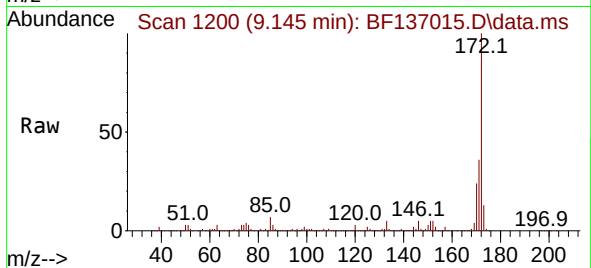
#45
2-Fluorobiphenyl
Concen: 73.750 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

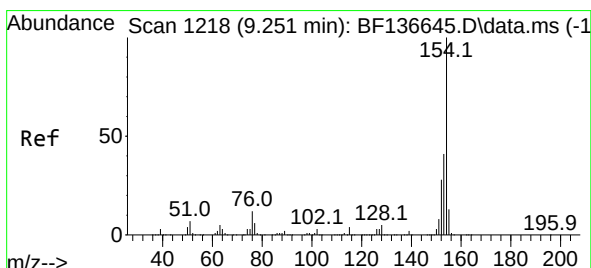
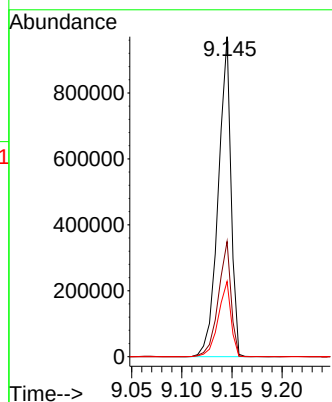
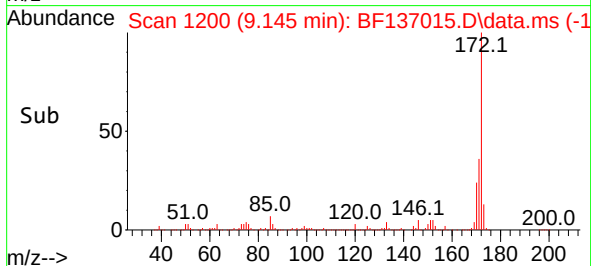


Tgt Ion:172 Resp: 854730
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.5 19.0 28.4

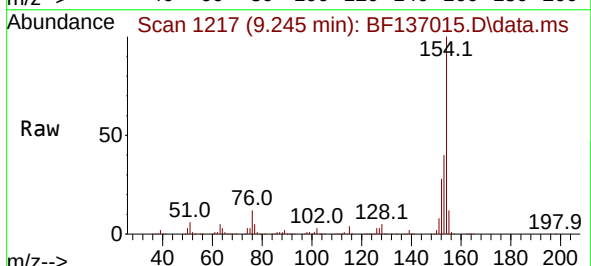
Manual Integrations

APPROVED

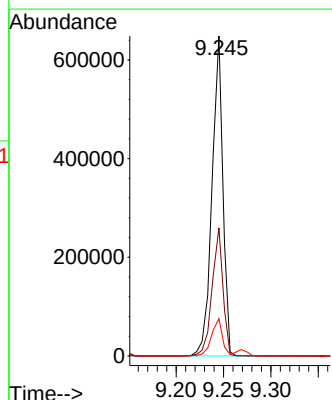
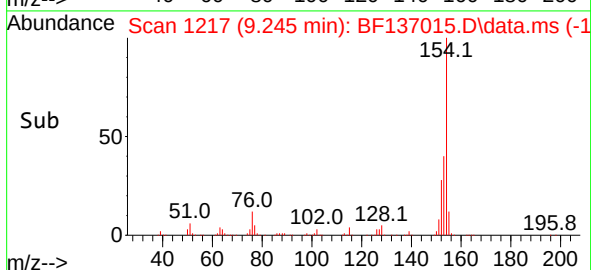
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

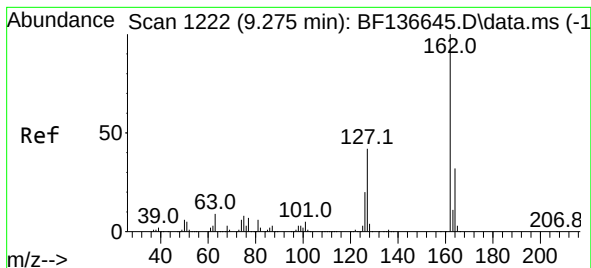


#46
1,1'-Biphenyl
Concen: 39.521 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



Tgt Ion:154 Resp: 516958
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 11.7 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.020 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

Tgt Ion:162 Resp: 378069

Ion Ratio Lower Upper

162 100

127 42.1 33.6 50.4

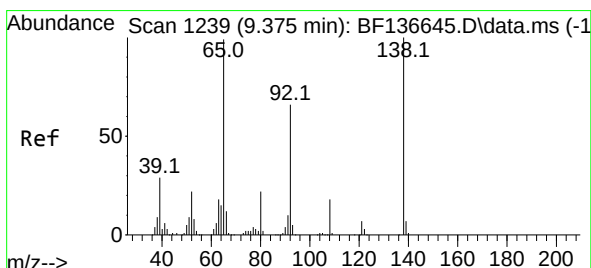
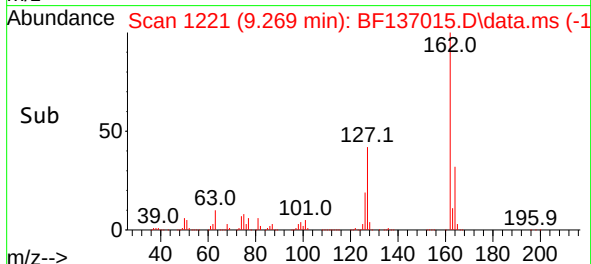
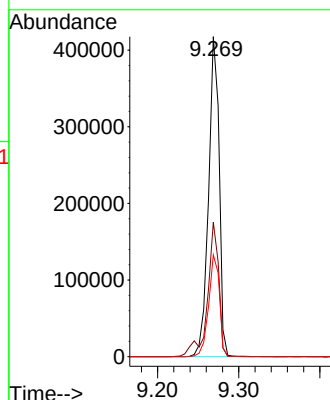
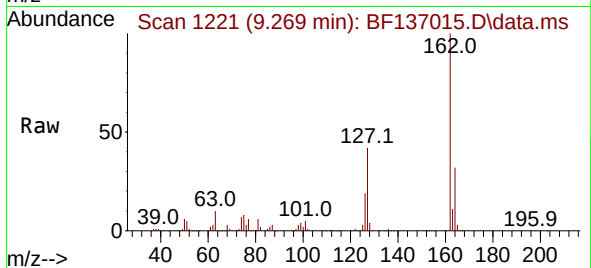
164 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#48

2-Nitroaniline

Concen: 40.511 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

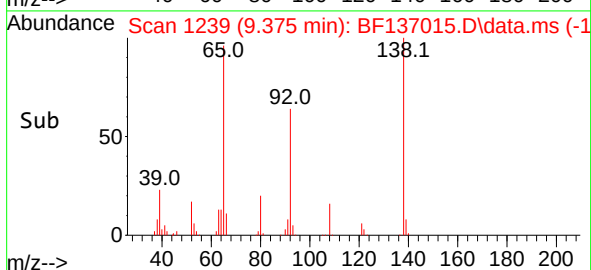
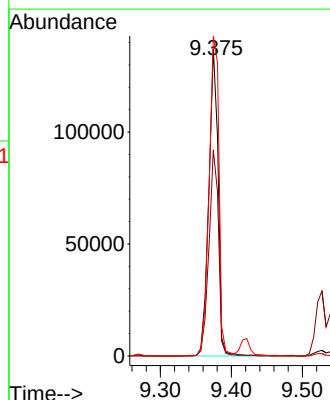
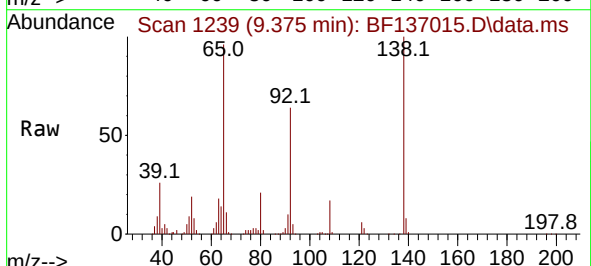
Tgt Ion: 65 Resp: 126148

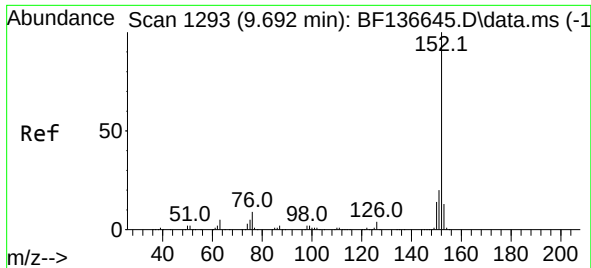
Ion Ratio Lower Upper

65 100

92 67.2 53.2 79.8

138 104.3 81.1 121.7





#49

Acenaphthylene

Concen: 39.615 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

Tgt Ion:152 Resp: 602118

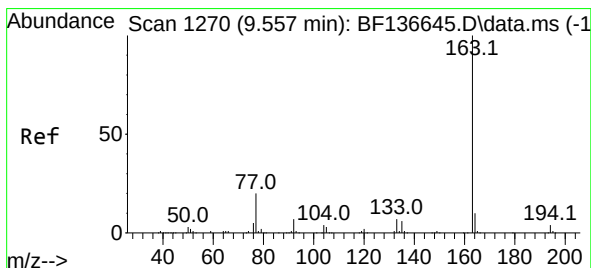
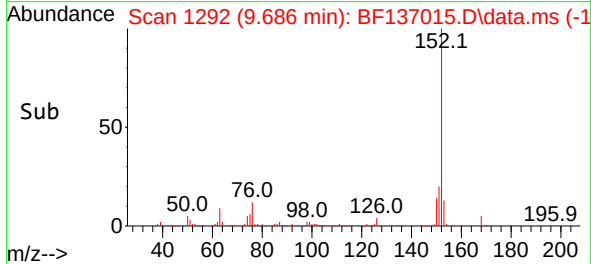
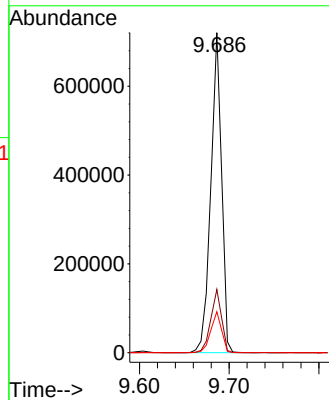
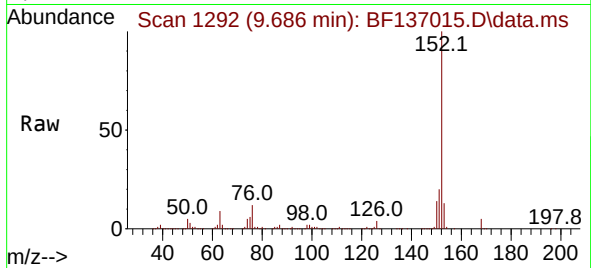
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	12.8	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#50

Dimethylphthalate

Concen: 40.157 ng

RT: 9.551 min Scan# 1269

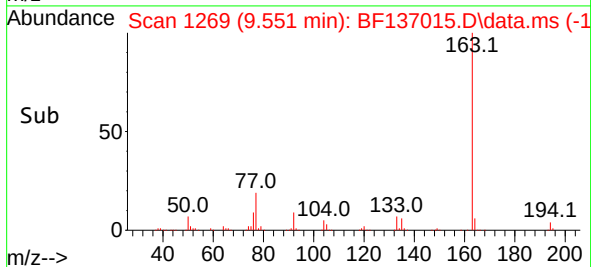
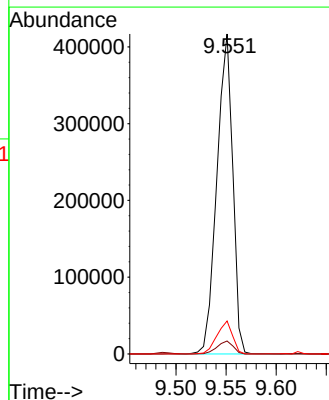
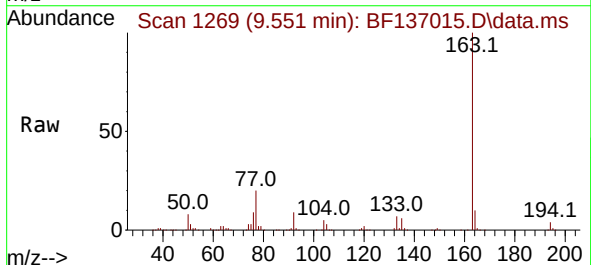
Delta R.T. -0.006 min

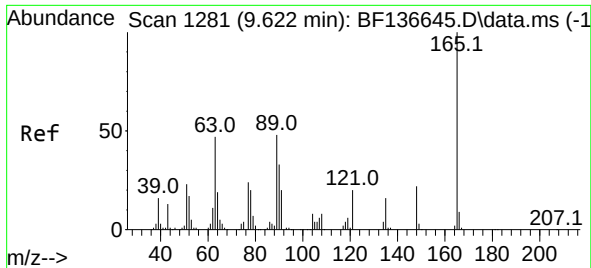
Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Tgt Ion:163 Resp: 457212

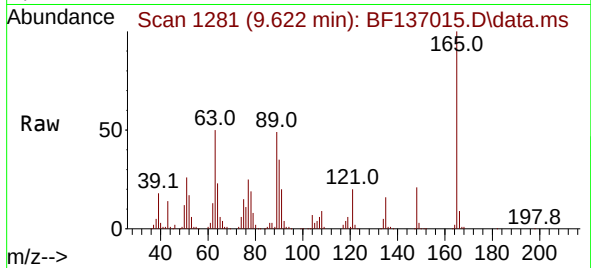
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 39.782 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

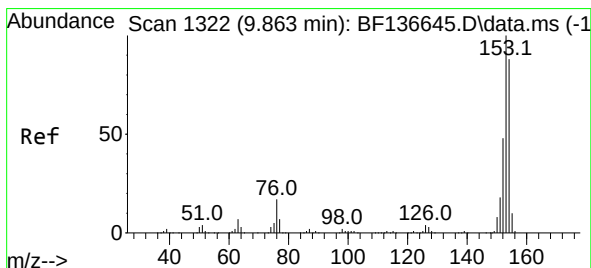
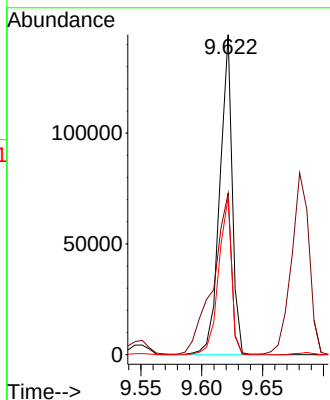
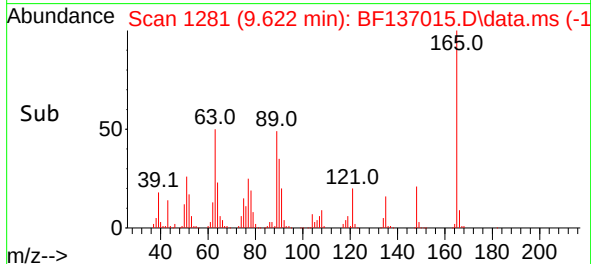
Instrument :
BNA_F
ClientSampleId :
PB158346BS



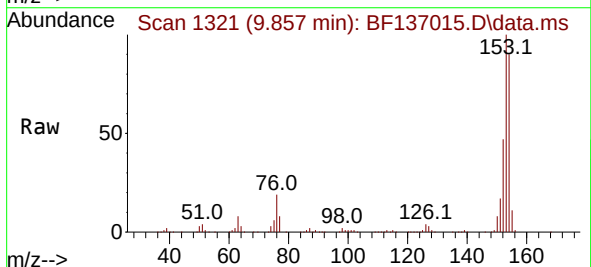
Tgt Ion:165 Resp: 102798
Ion Ratio Lower Upper
165 100
63 50.5 39.8 59.6
89 49.3 38.8 58.2

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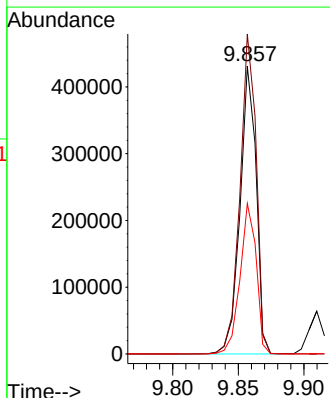
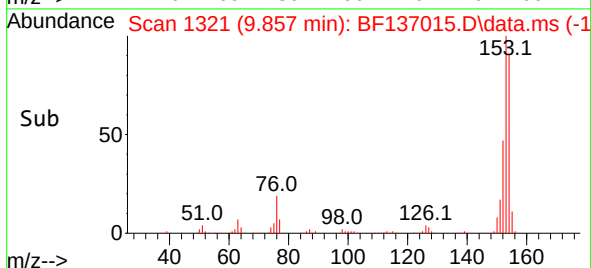
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024

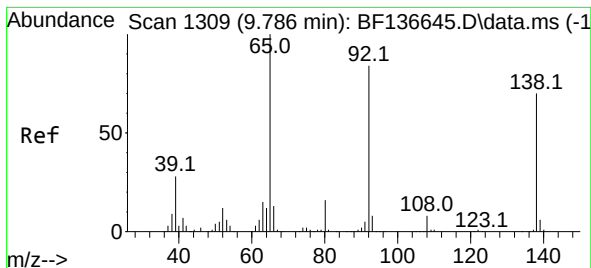


#52
Acenaphthene
Concen: 39.309 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



Tgt Ion:154 Resp: 370365
Ion Ratio Lower Upper
154 100
153 111.2 90.7 136.1
152 52.3 43.7 65.5





#53

3-Nitroaniline

Concen: 31.106 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

Tgt Ion:138 Resp: 8514

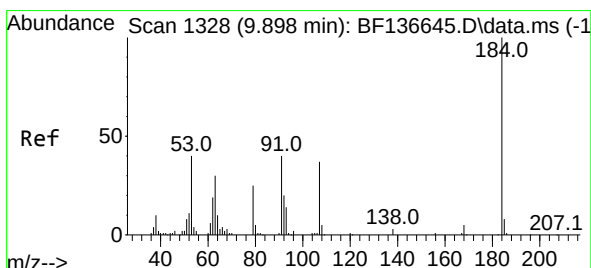
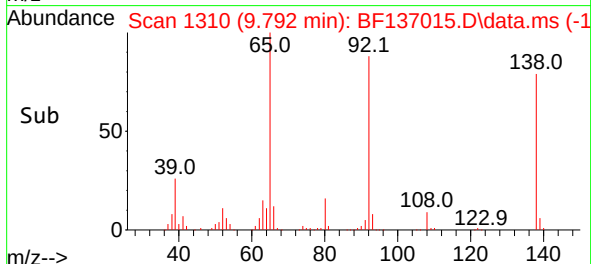
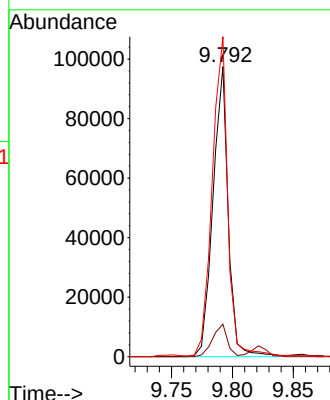
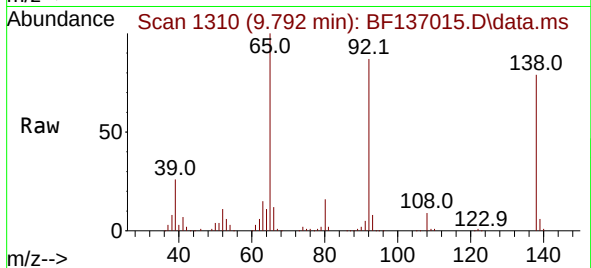
Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.6	12.8
92	110.3	95.2	142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#54

2,4-Dinitrophenol

Concen: 70.022 ng

RT: 9.910 min Scan# 1330

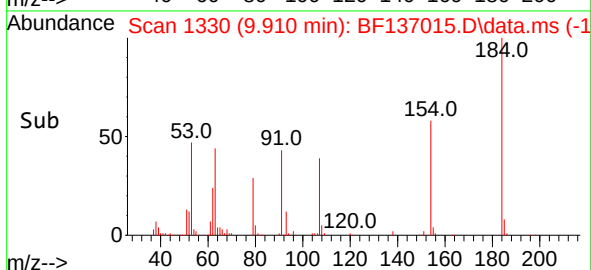
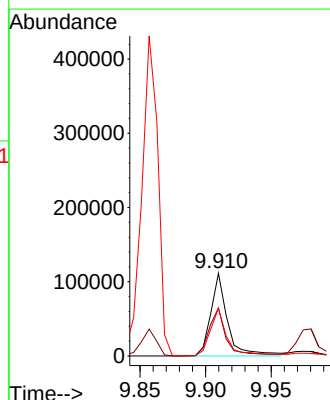
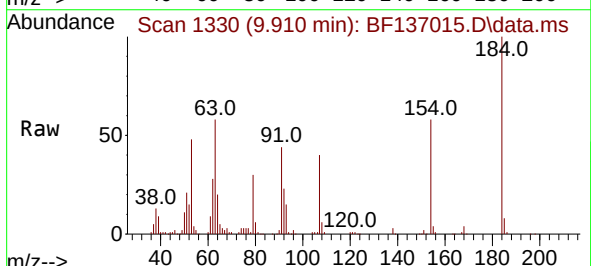
Delta R.T. 0.012 min

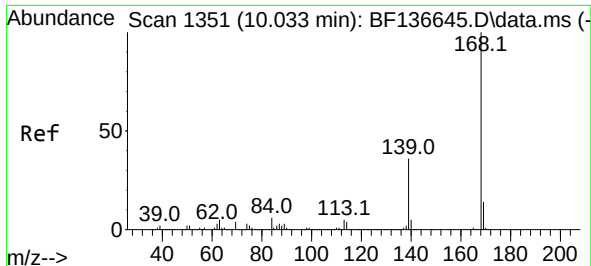
Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Tgt Ion:184 Resp: 99579

Ion	Ratio	Lower	Upper
184	100		
63	58.1	40.9	61.3
154	57.8	42.7	64.1





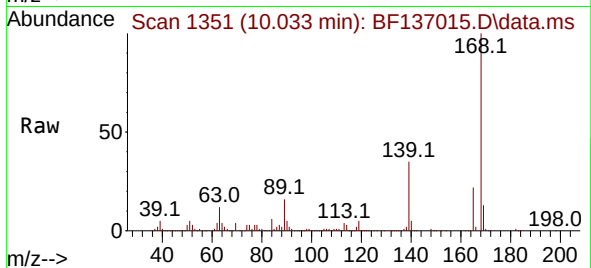
#55
Dibenzenofuran
Concen: 38.631 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

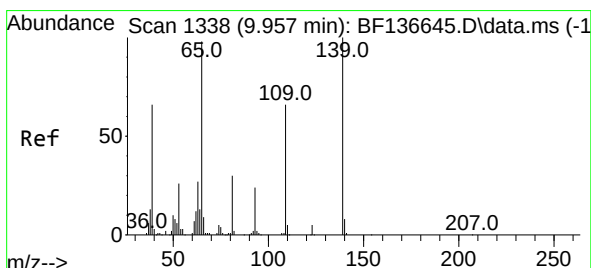
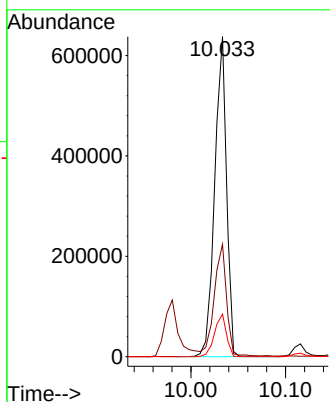
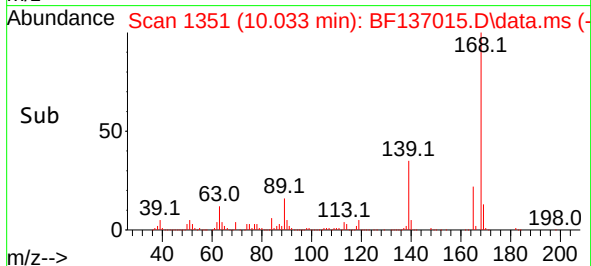
PB158346BS



Tgt Ion:168 Resp: 55173
Ion Ratio Lower Upper
168 100
139 35.1 29.3 43.9
169 13.3 11.0 16.4

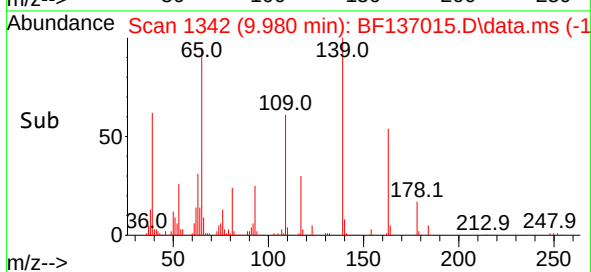
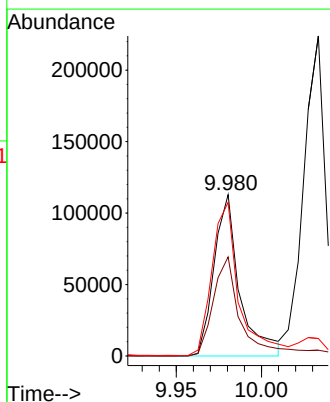
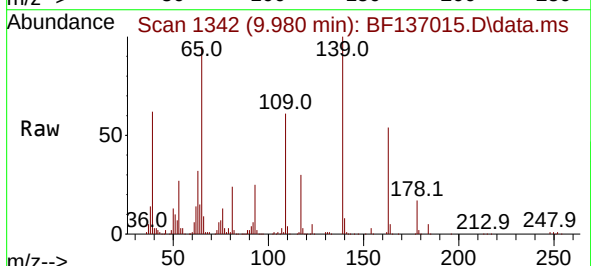
Manual Integrations
APPROVED

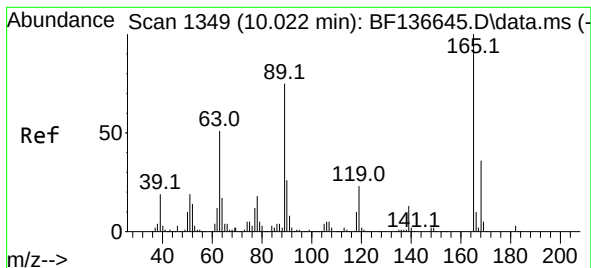
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#56
4-Nitrophenol
Concen: 63.922 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.024 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:139 Resp: 118117
Ion Ratio Lower Upper
139 100
109 61.4 45.8 85.8
65 95.2 77.8 117.8





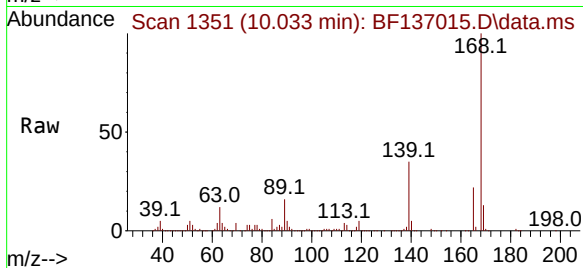
#57
2,4-Dinitrotoluene
Concen: 38.362 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

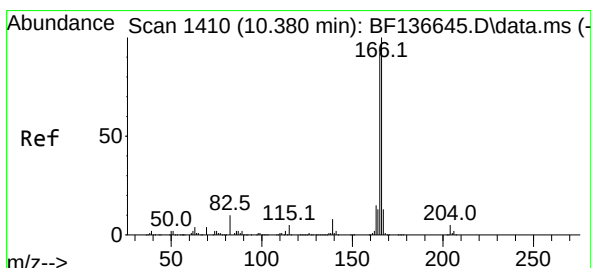
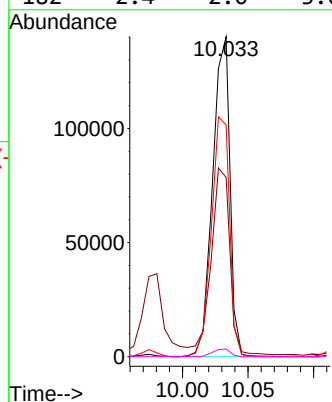
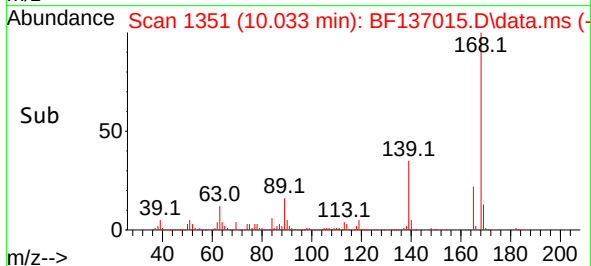


Tgt Ion:165 Resp: 128680
Ion Ratio Lower Upper
165 100
63 56.0 41.0 61.6
89 72.4 59.9 89.9
182 2.4 2.0 3.0

Manual Integrations

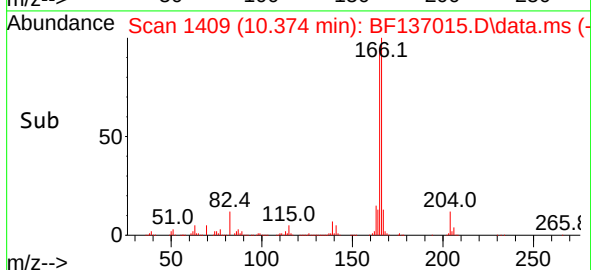
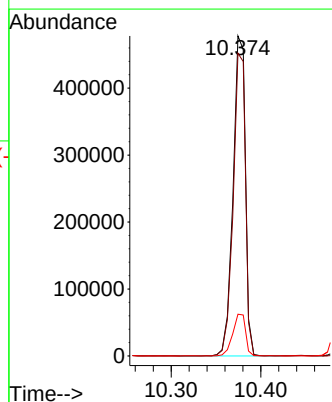
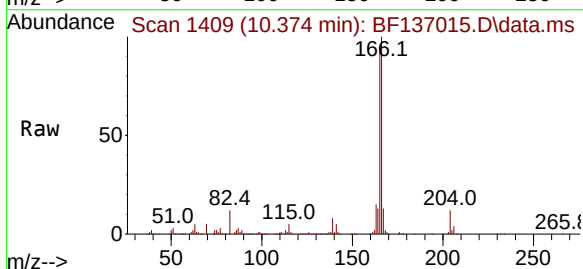
APPROVED

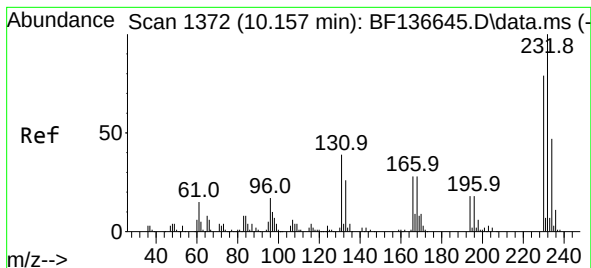
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#58
Fluorene
Concen: 40.305 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

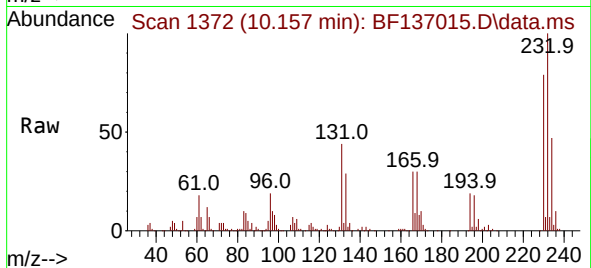
Tgt Ion:166 Resp: 456752
Ion Ratio Lower Upper
166 100
165 94.6 73.7 110.5
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.147 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

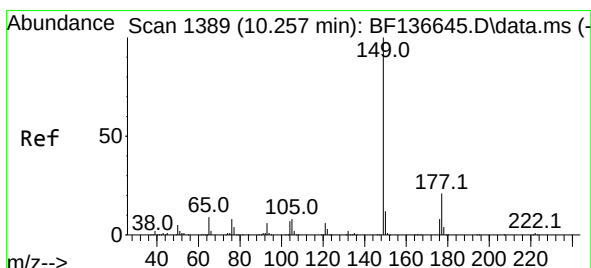
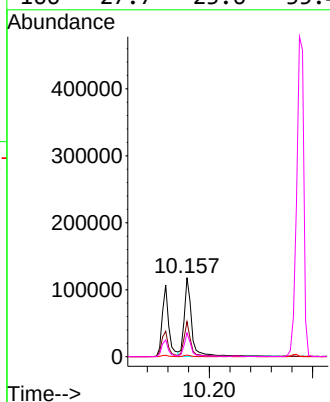
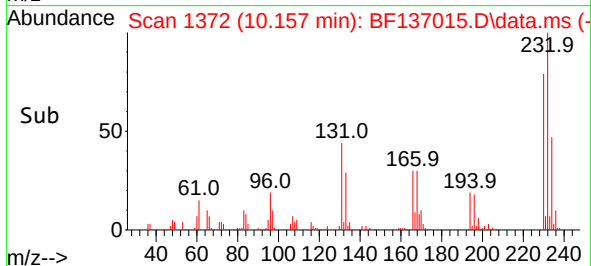
Instrument :
BNA_F
ClientSampleId :
PB158346BS



Tgt Ion:232 Resp: 11724
Ion Ratio Lower Upper
232 100
131 39.5 35.1 52.7
130 1.9 1.6 2.4
166 27.7 23.6 35.4

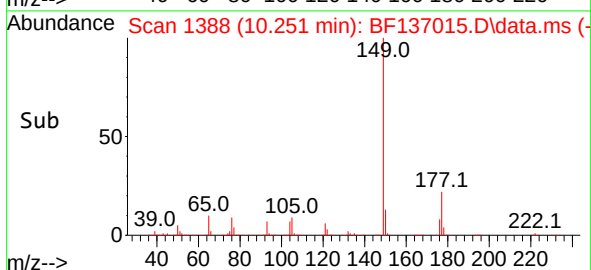
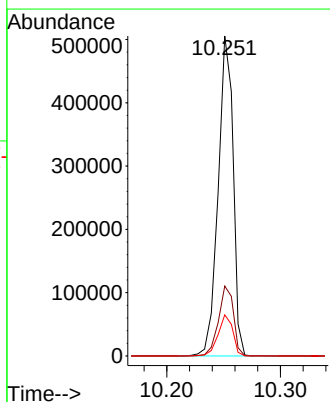
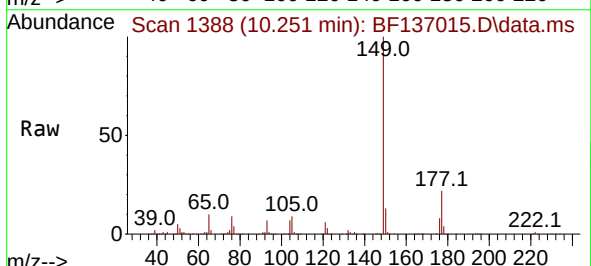
Manual Integrations
APPROVED

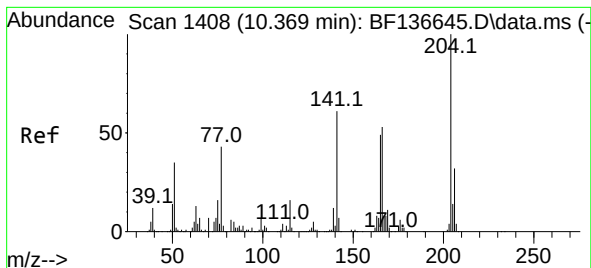
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#60
Diethylphthalate
Concen: 39.288 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

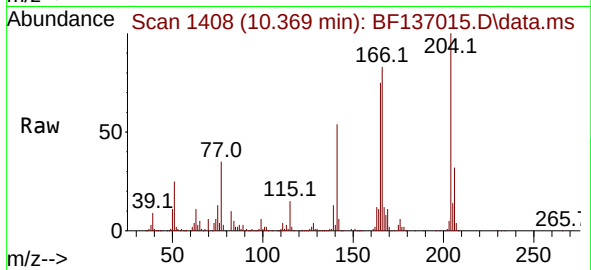
Tgt Ion:149 Resp: 464119
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.8 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.524 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

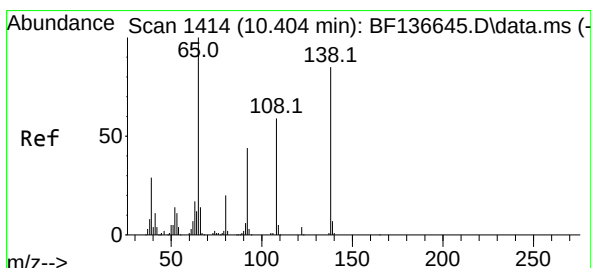
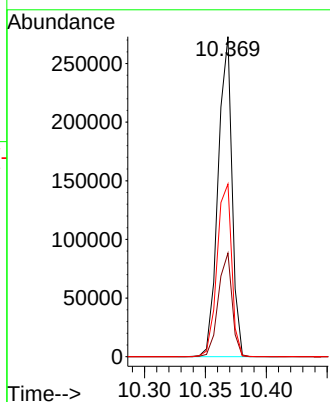
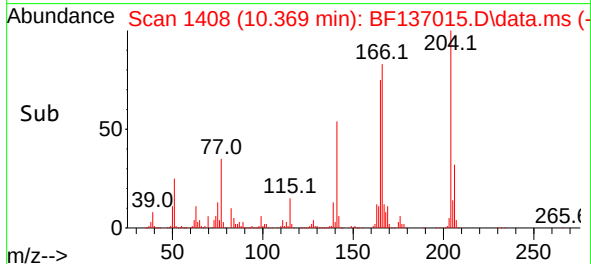
Instrument :
BNA_F
ClientSampleId :
PB158346BS



Tgt Ion:204 Resp: 217700
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 54.0 48.4 72.6

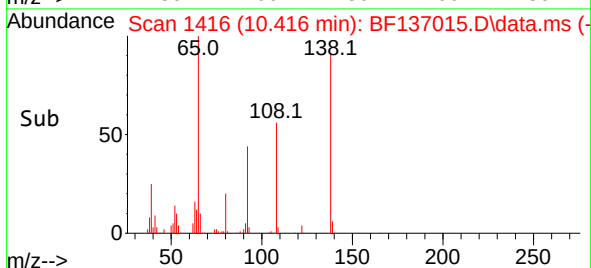
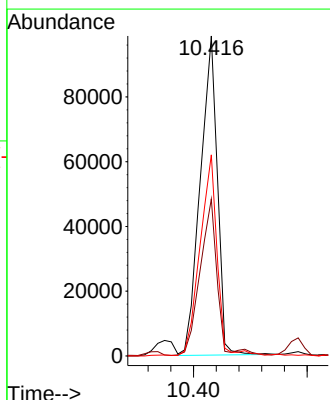
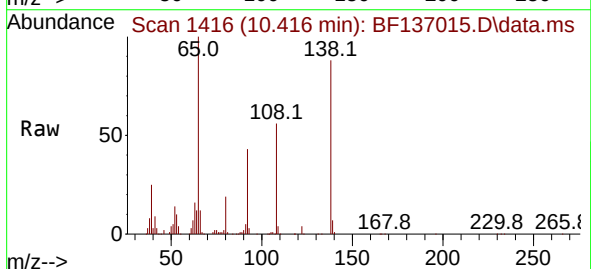
Manual Integrations
APPROVED

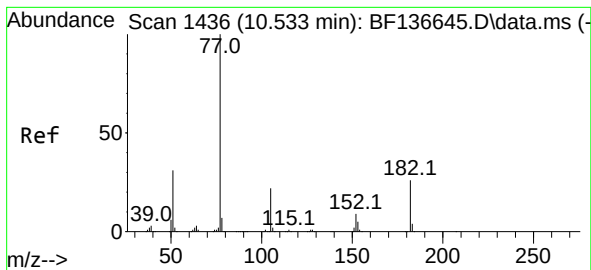
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#62
4-Nitroaniline
Concen: 38.893 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

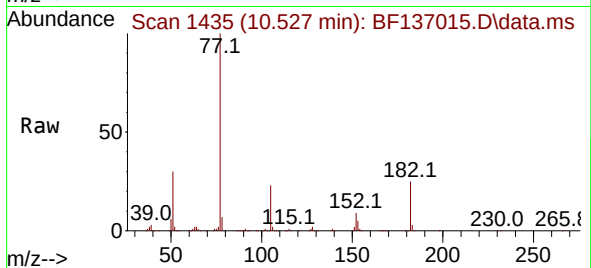
Tgt Ion:138 Resp: 102629
Ion Ratio Lower Upper
138 100
92 49.1 32.1 72.1
108 62.8 50.1 90.1





#63
Azobenzene
Concen: 38.701 ng
RT: 10.527 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

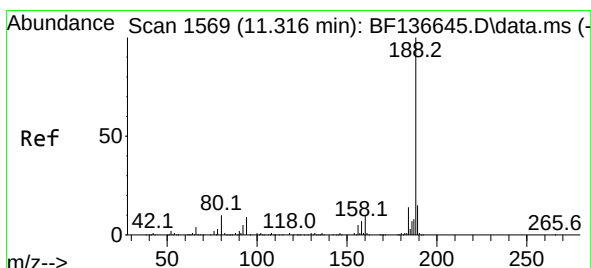
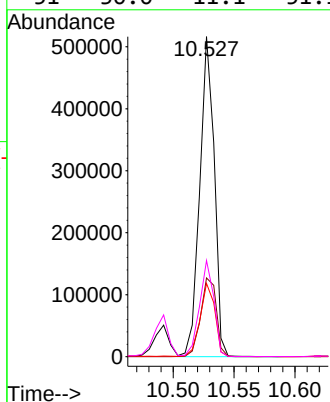
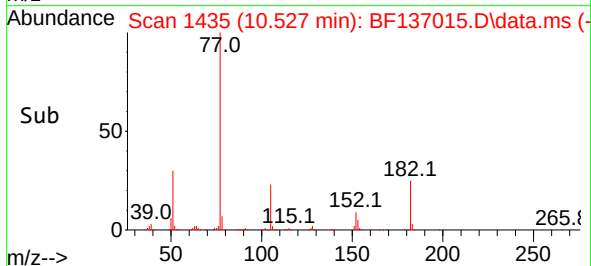
Instrument :
BNA_F
ClientSampleId :
PB158346BS



Tgt Ion: 77 Resp: 427015
Ion Ratio Lower Upper
77 100
182 24.6 6.0 46.0
105 22.9 2.3 42.3
51 30.0 11.1 51.1

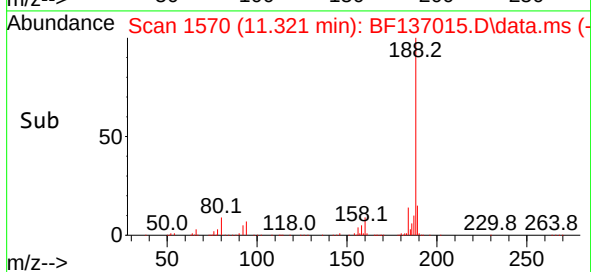
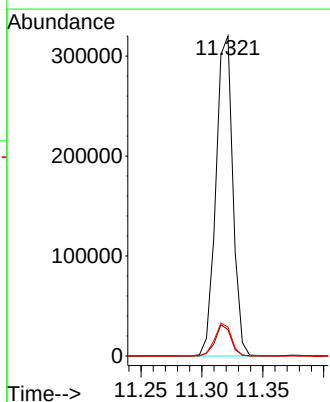
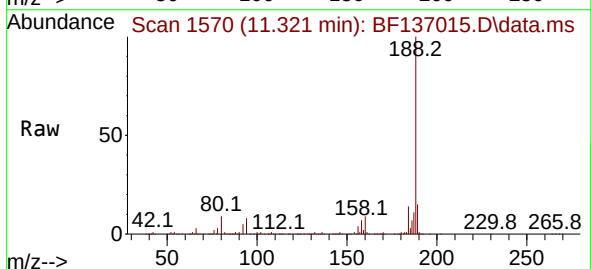
Manual Integrations
APPROVED

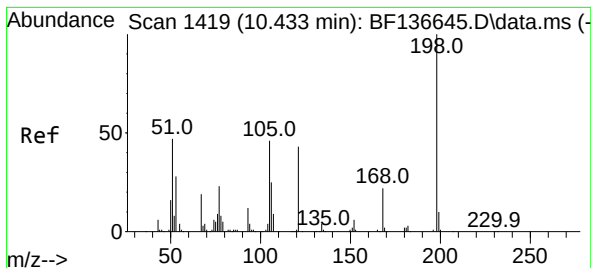
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:188 Resp: 309844
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 9.1 8.1 12.1





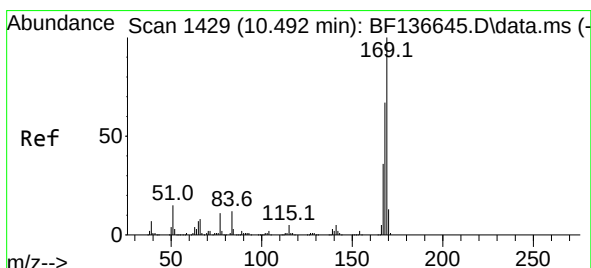
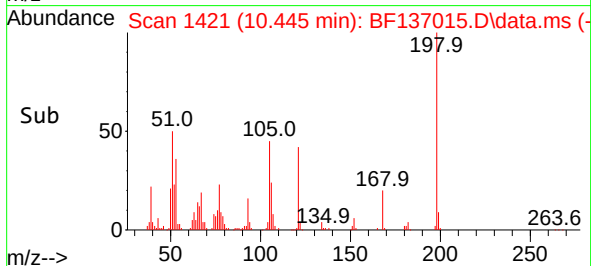
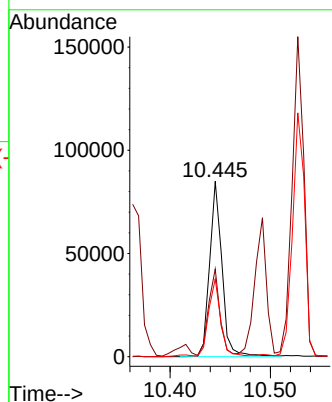
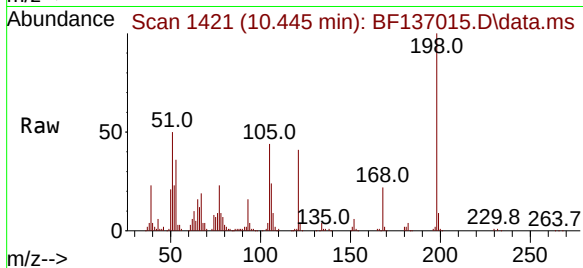
#65
4,6-Dinitro-2-methylphenol
Concen: 41.061 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB158346BS

Tgt Ion:198 Resp: 72911
Ion Ratio Lower Upper
198 100
51 50.0 34.1 74.1
105 44.4 27.3 67.3

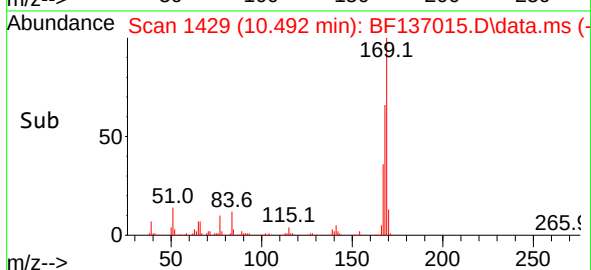
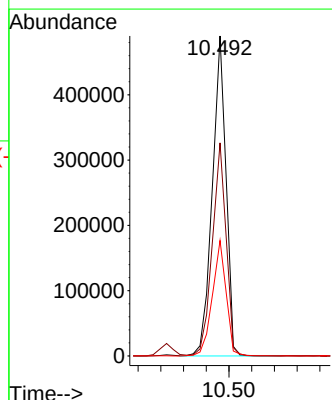
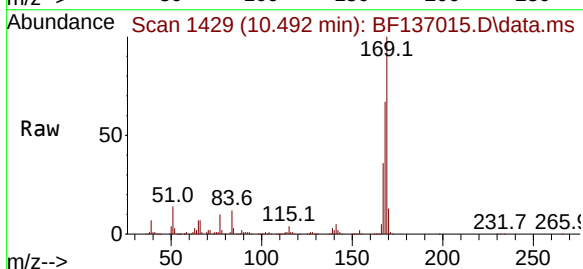
Manual Integrations
APPROVED

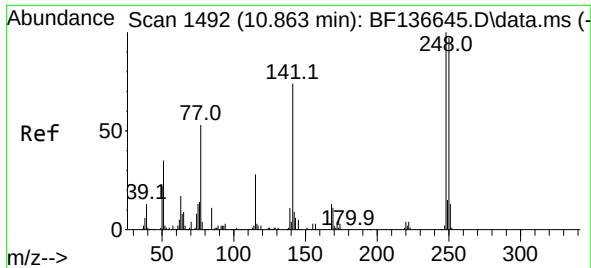
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#66
n-Nitrosodiphenylamine
Concen: 40.720 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:169 Resp: 409851
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 36.1 28.7 43.1





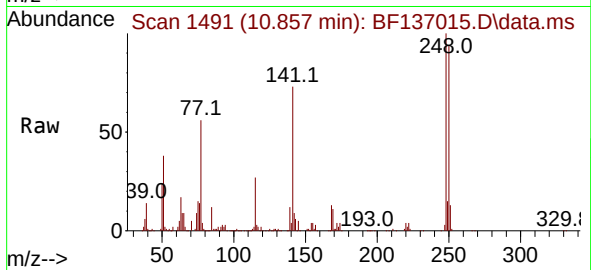
#67
4-Bromophenyl-phenylether
Concen: 39.212 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS



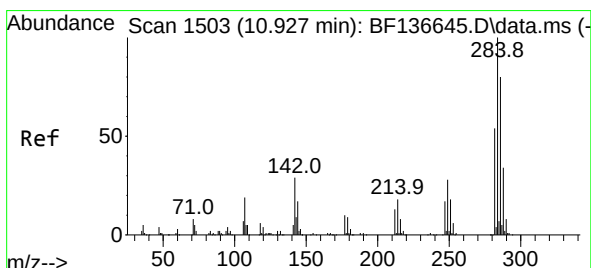
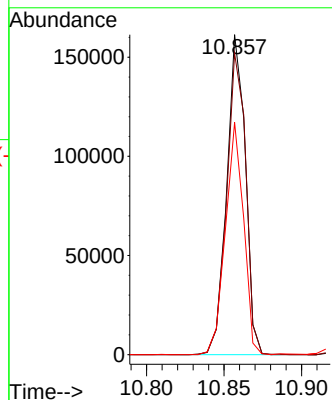
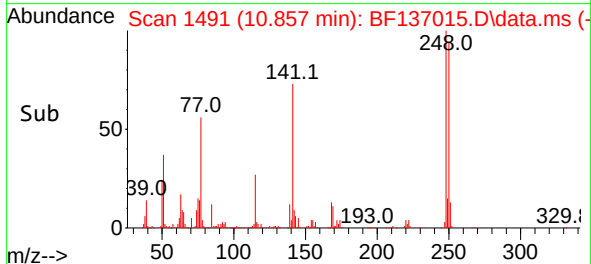
Tgt Ion:248 Resp: 134929
Ion Ratio Lower Upper
248 100
250 94.2 77.8 116.6
141 72.6 59.2 88.8

Manual Integrations

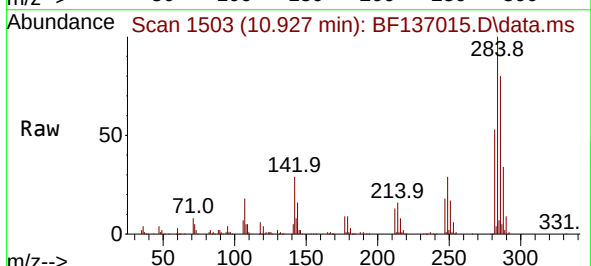
APPROVED

Reviewed By :Yogesh Patel 01/11/2024

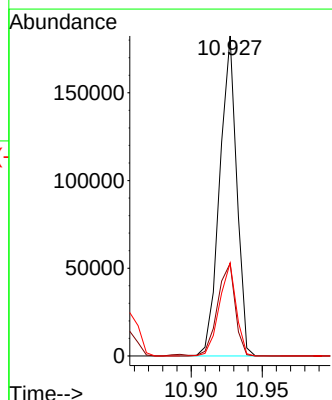
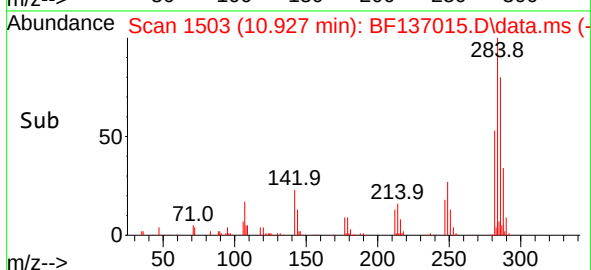
Supervised By :mohammad ahmed 01/12/2024

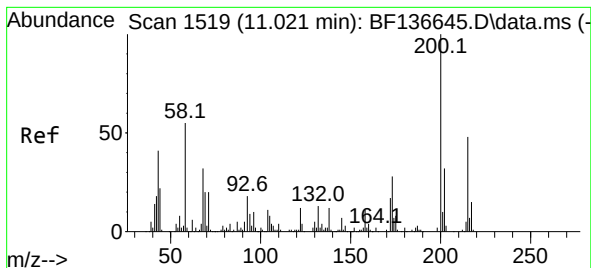


#68
Hexachlorobenzene
Concen: 39.602 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32



Tgt Ion:284 Resp: 151864
Ion Ratio Lower Upper
284 100
142 28.9 23.4 35.0
249 29.1 22.3 33.5





#69

Atrazine

Concen: 72.925 ng

RT: 11.033 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

Tgt Ion:200 Resp: 18773

Ion Ratio Lower Upper

200 100

173 28.5 7.6 47.6

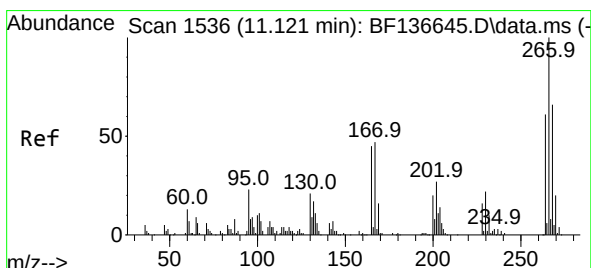
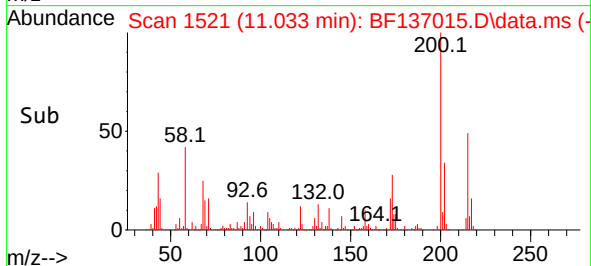
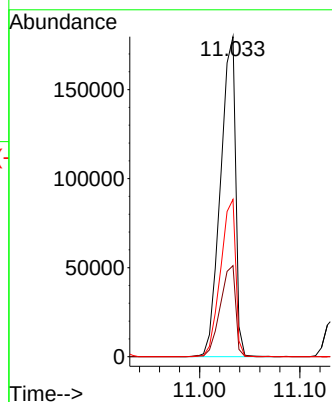
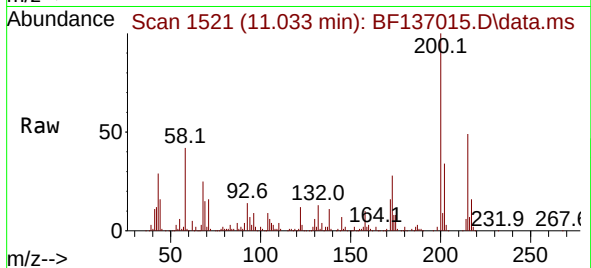
215 49.2 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#70

Pentachlorophenol

Concen: 75.451 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.012 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

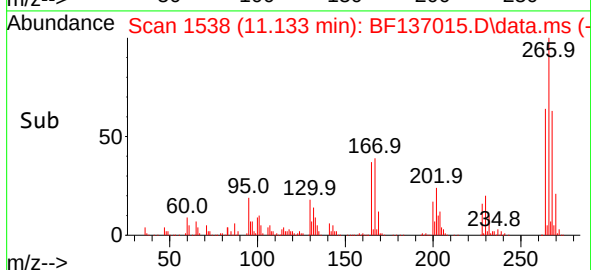
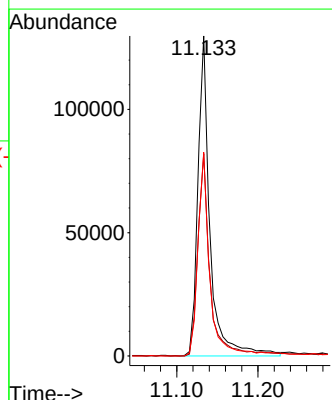
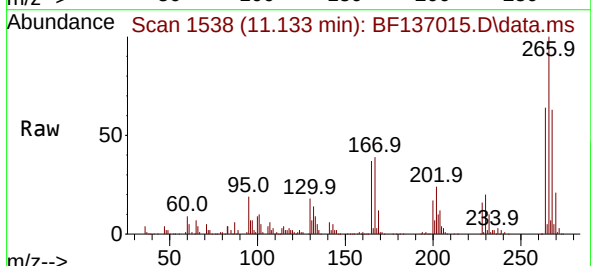
Tgt Ion:266 Resp: 134863

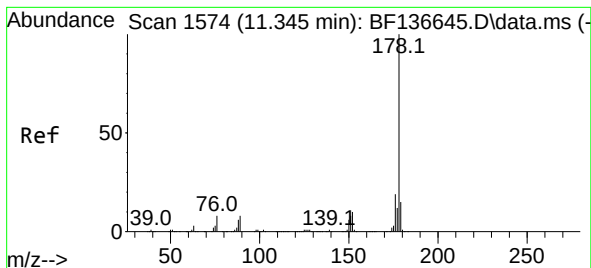
Ion Ratio Lower Upper

266 100

268 63.2 52.6 78.8

264 63.7 49.0 73.4





#71

Phenanthrene

Concen: 41.804 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

Tgt Ion:178 Resp: 664610

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

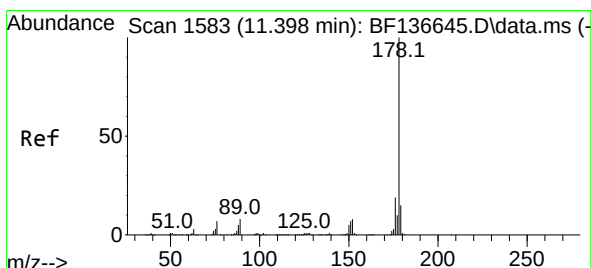
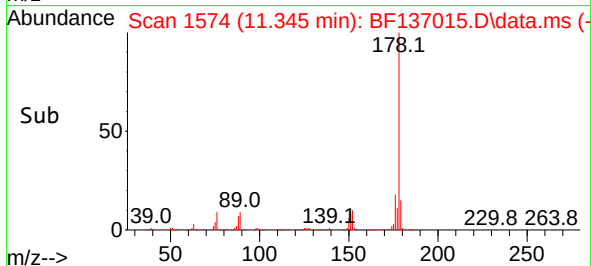
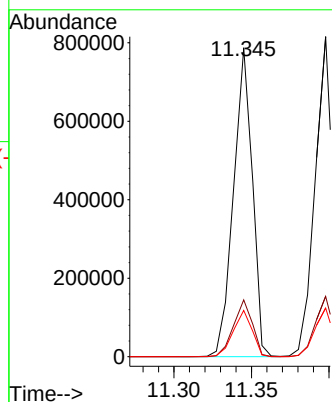
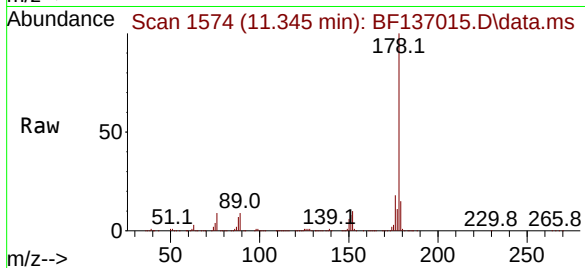
179 15.0 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#72

Anthracene

Concen: 41.151 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

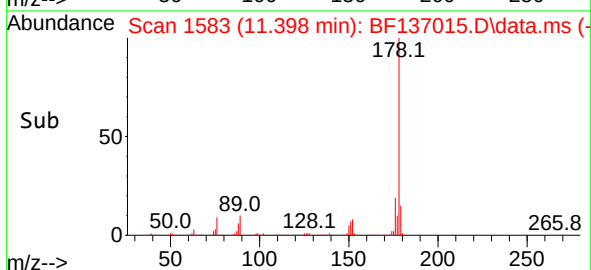
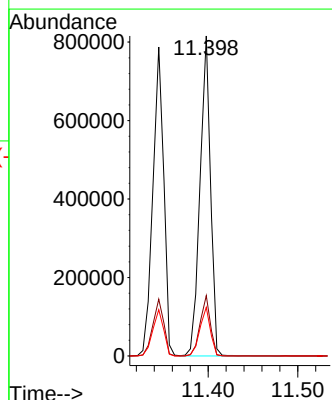
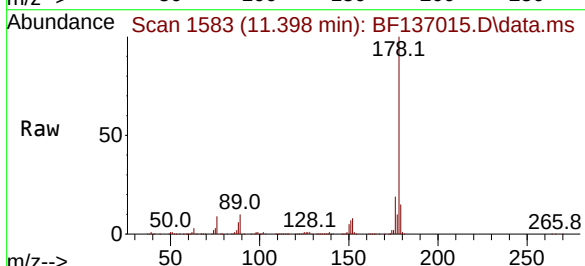
Tgt Ion:178 Resp: 662555

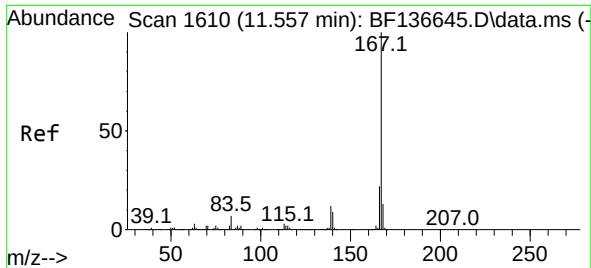
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

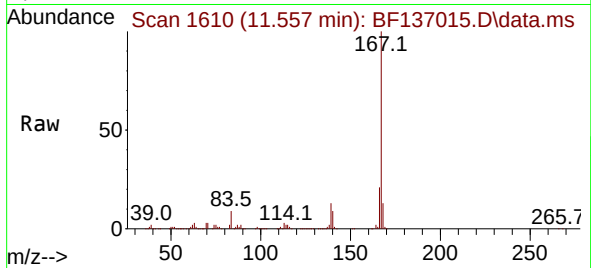
179 15.2 11.8 17.6





#73
 Carbazole
 Concen: 40.821 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32

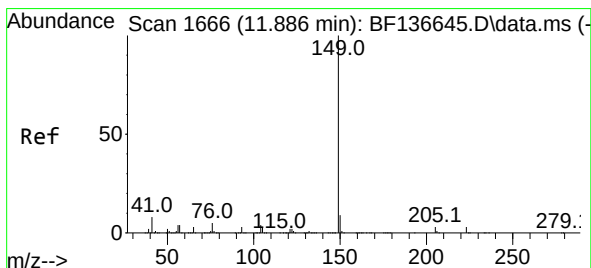
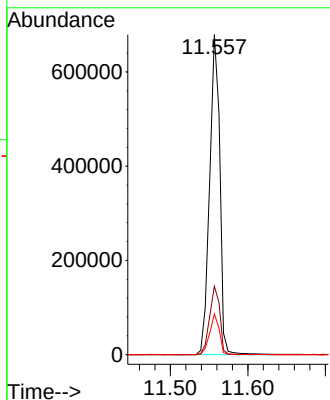
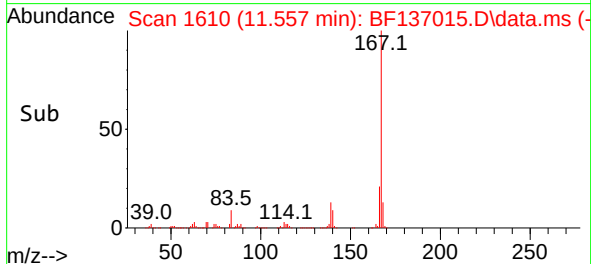
Instrument :
 BNA_F
 ClientSampleId :
 PB158346BS



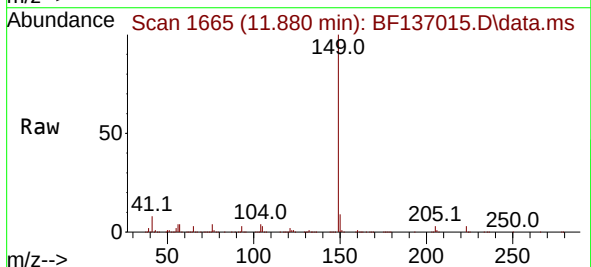
Tgt Ion:167 Resp: 61967
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.8 9.8 14.6

Manual Integrations
 APPROVED

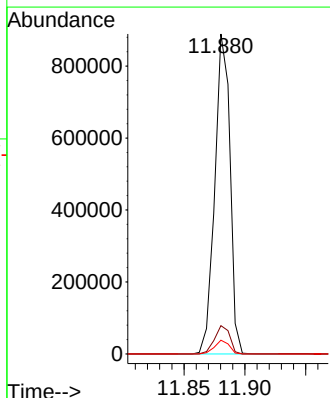
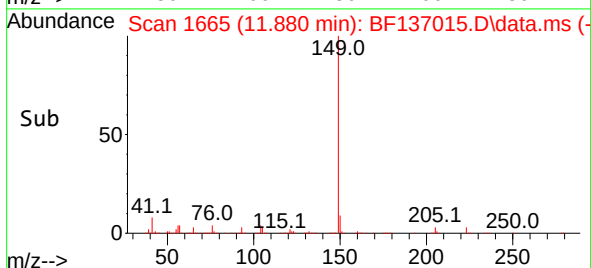
Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

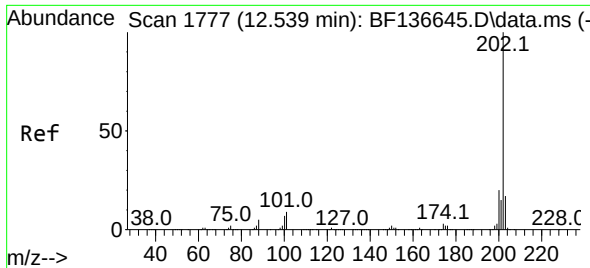


#74
 Di-n-butylphthalate
 Concen: 41.806 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32



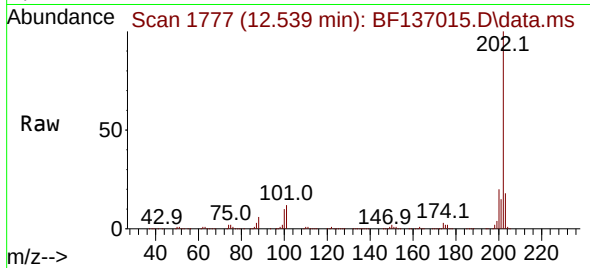
Tgt Ion:149 Resp: 774392
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 40.999 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

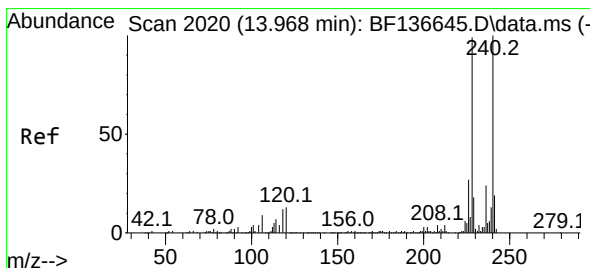
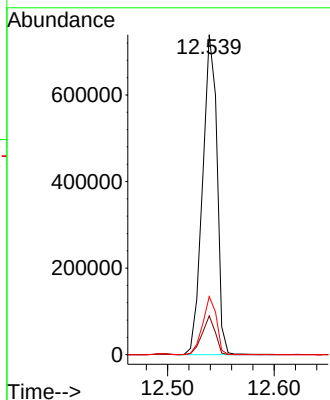
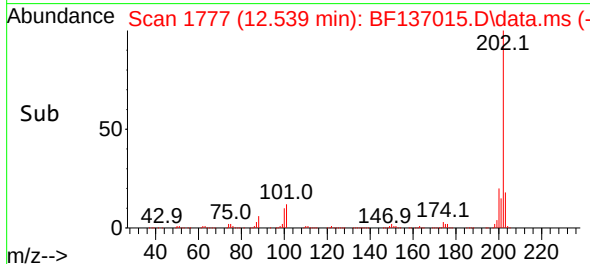
Instrument :
BNA_F
ClientSampleId :
PB158346BS



Tgt Ion:202 Resp: 69721
Ion Ratio Lower Upper
202 100
101 12.2 0.0 29.3
203 18.1 0.0 37.1

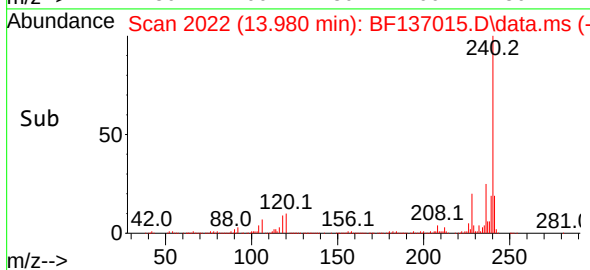
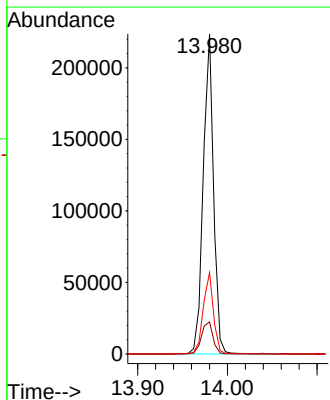
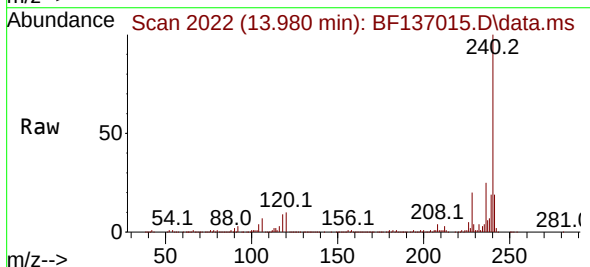
Manual Integrations
APPROVED

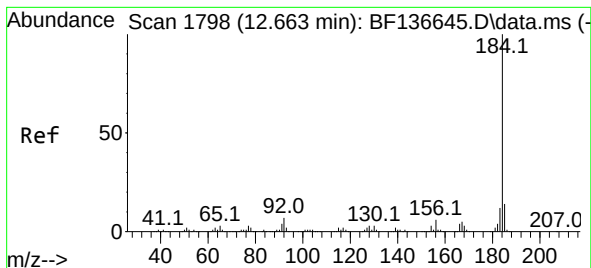
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:240 Resp: 178506
Ion Ratio Lower Upper
240 100
120 10.0 10.3 15.5#
236 25.4 19.4 29.2





#77

Benzidine

Concen: 25.004 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

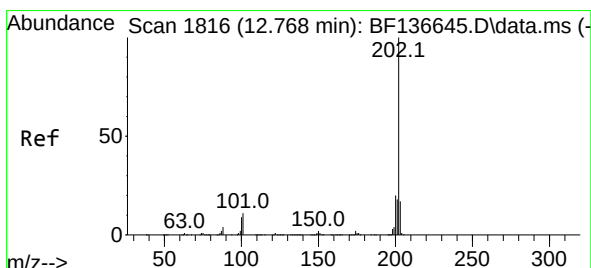
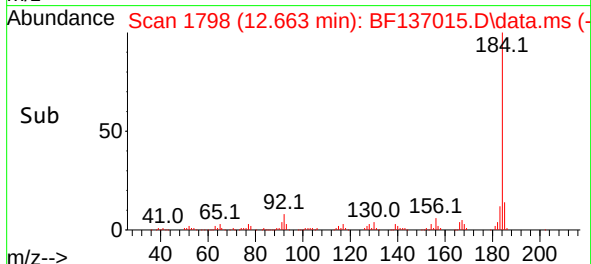
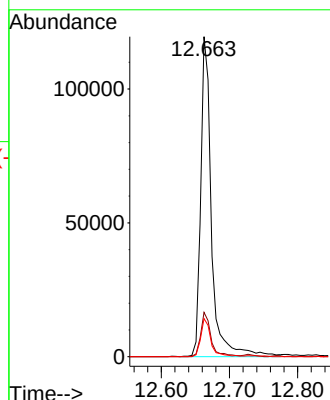
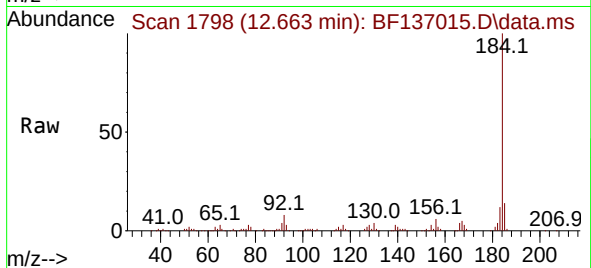
PB158346BS

Tgt Ion:	184	Resp:	131609
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.2	16.8
183	11.9	9.3	13.9

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 39.764 ng

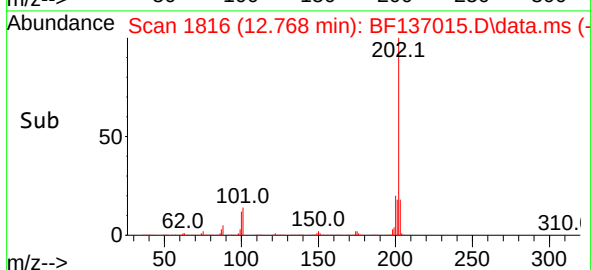
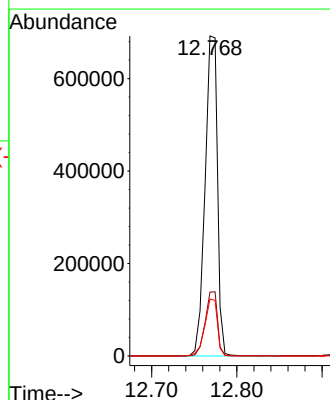
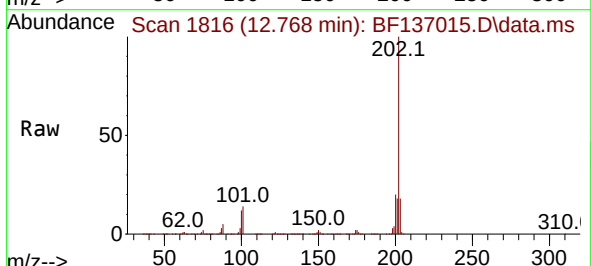
RT: 12.768 min Scan# 1816

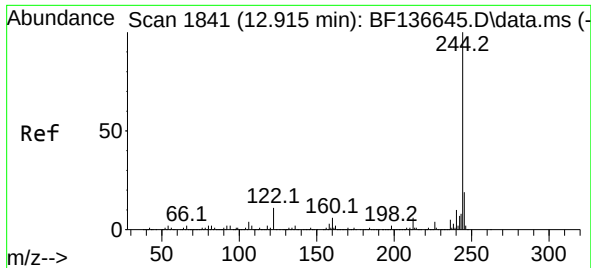
Delta R.T. 0.000 min

Lab File: BF137015.D

Acq: 10 Jan 2024 12:32

Tgt Ion:	202	Resp:	696798
Ion Ratio	Lower	Upper	
202	100		
200	20.0	15.9	23.9
203	17.8	13.8	20.6





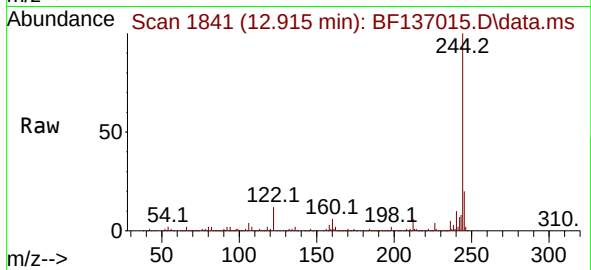
#79
 Terphenyl-d14
 Concen: 78.753 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

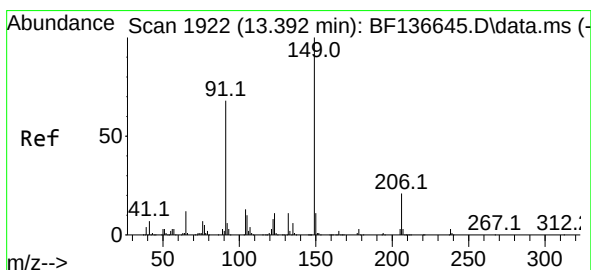
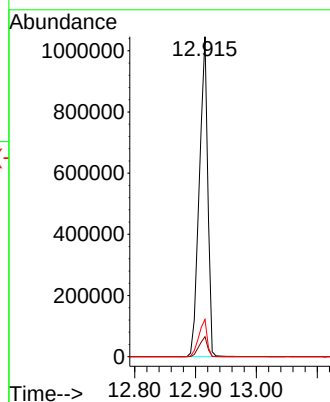
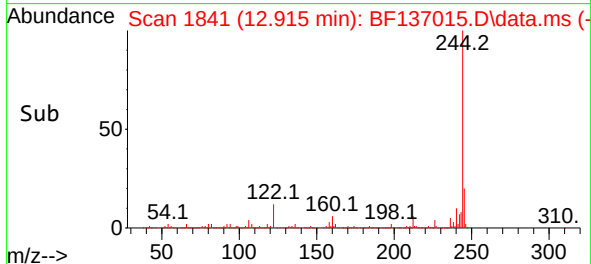


Tgt Ion:244 Resp: 1005959
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.7 9.0 13.4

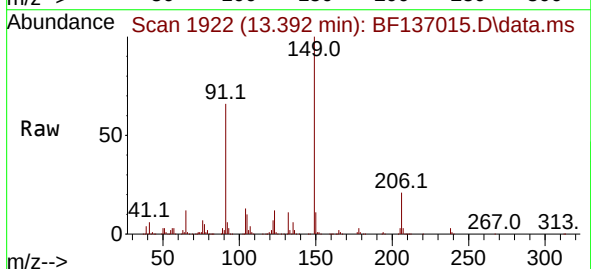
Manual Integrations

APPROVED

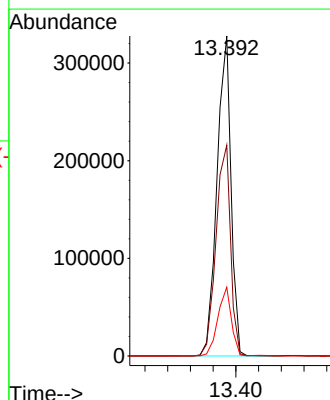
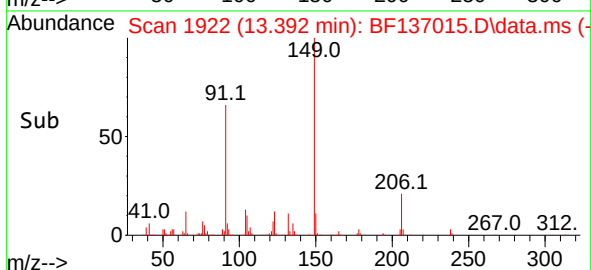
Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

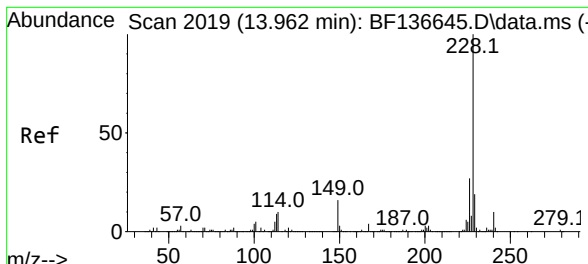


#80
 Butylbenzylphthalate
 Concen: 44.092 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF137015.D
 Acq: 10 Jan 2024 12:32



Tgt Ion:149 Resp: 281139
 Ion Ratio Lower Upper
 149 100
 91 65.8 54.1 81.1
 206 21.5 17.1 25.7





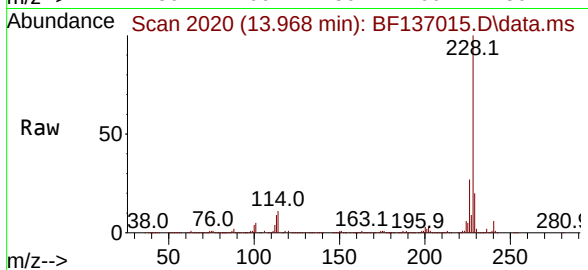
#81
Benzo(a)anthracene
Concen: 41.282 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS



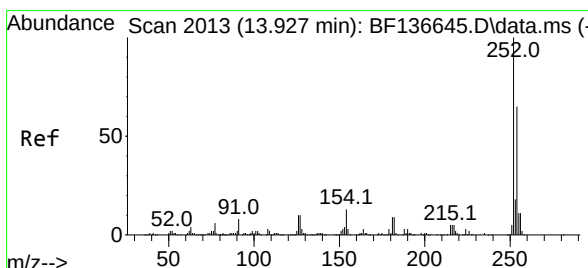
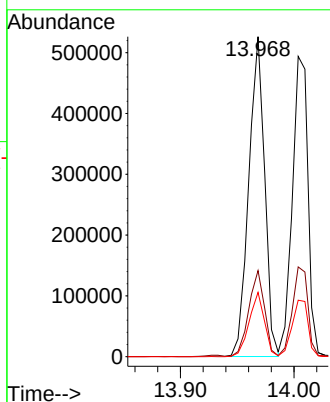
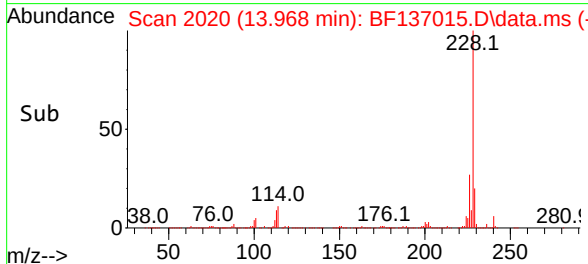
Tgt Ion:228 Resp: 51170
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 20.1 14.9 22.3

Manual Integrations

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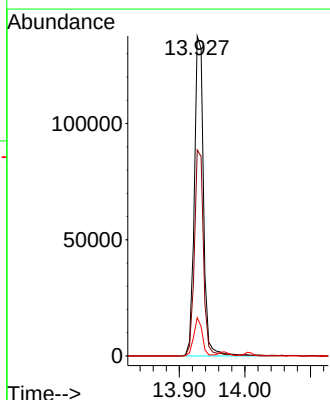
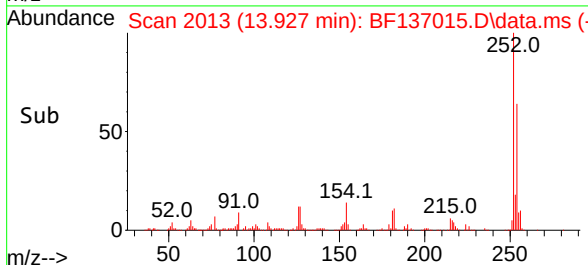
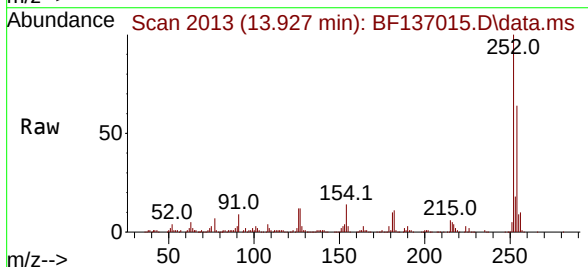
Reviewed By :Yogesh Patel 01/11/2024

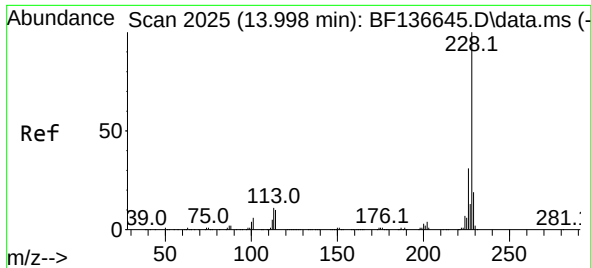
Supervised By :mohammad ahmed 01/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 38.070 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

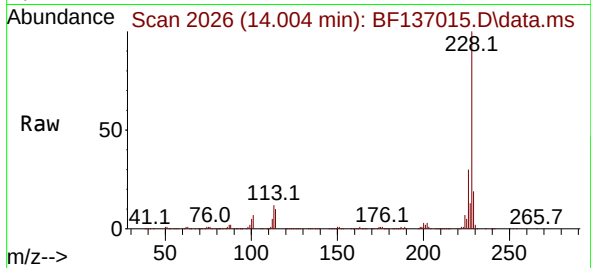
Tgt Ion:252 Resp: 134013
Ion Ratio Lower Upper
252 100
254 64.4 52.2 78.4
126 12.0 8.0 12.0





#83
Chrysene
Concen: 38.870 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

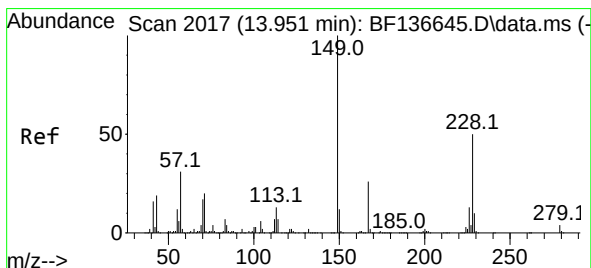
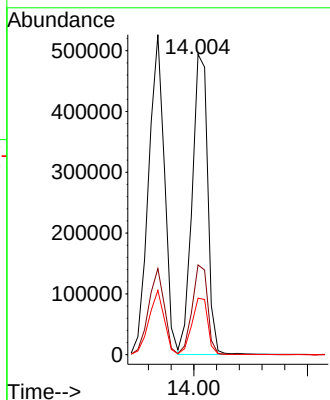
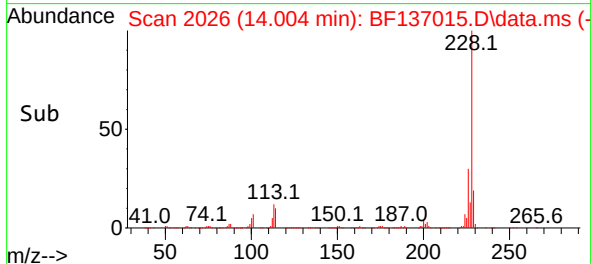
Instrument :
BNA_F
ClientSampleId :
PB158346BS



Tgt Ion:228 Resp: 471150
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 18.8 15.4 23.0

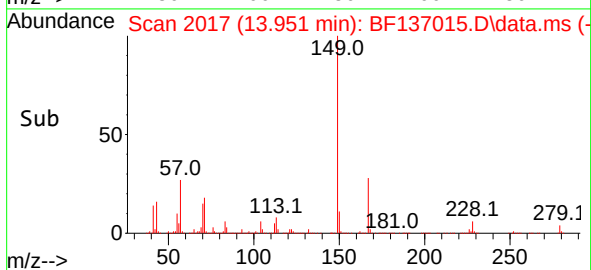
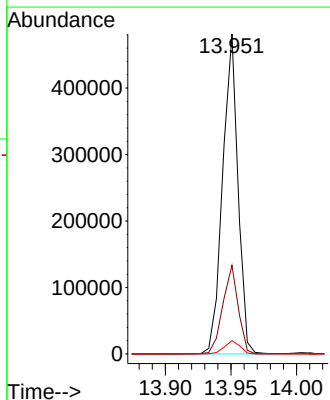
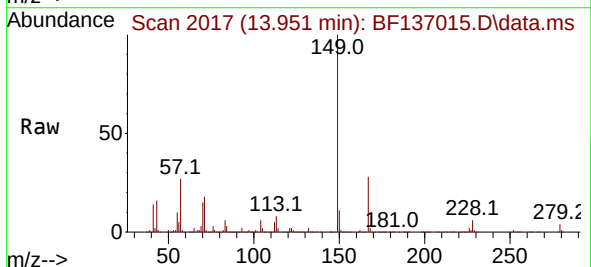
Manual Integrations
APPROVED

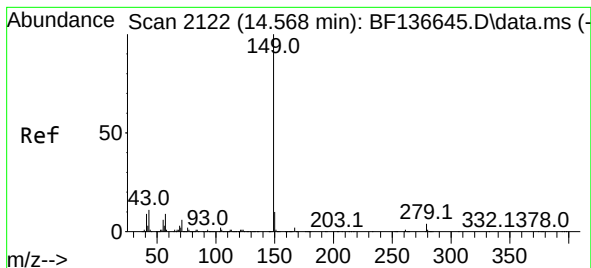
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.758 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:149 Resp: 391161
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 4.1 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 44.538 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF137015.D

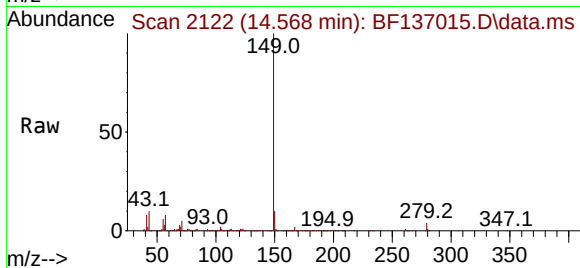
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS



Tgt Ion:149 Resp: 55270

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

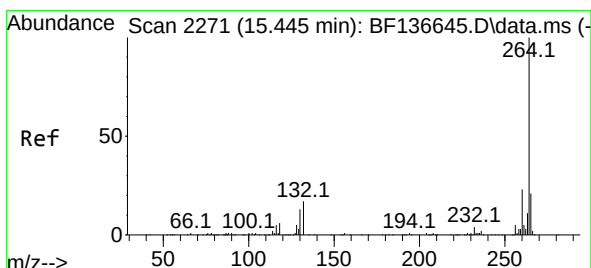
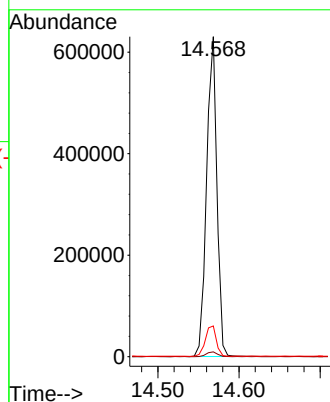
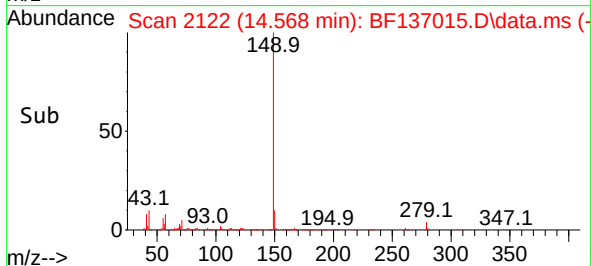
43 10.1 8.9 13.3

Manual Integrations

APPROVED

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: BF137015.D

Acq: 10 Jan 2024 12:32

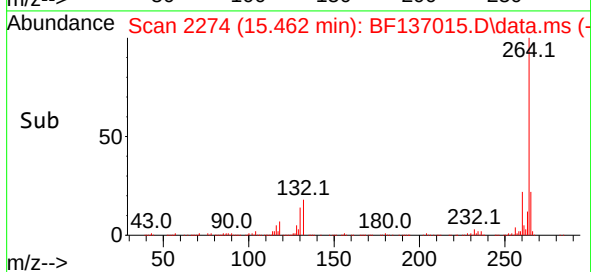
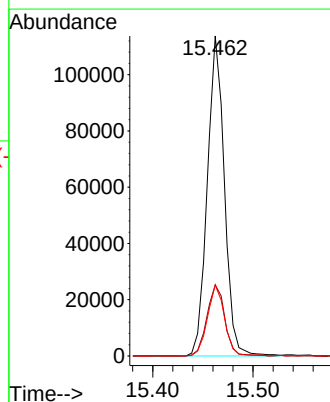
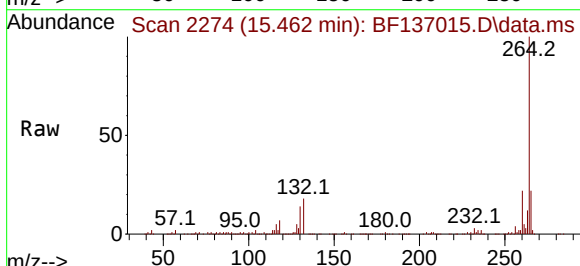
Tgt Ion:264 Resp: 135151

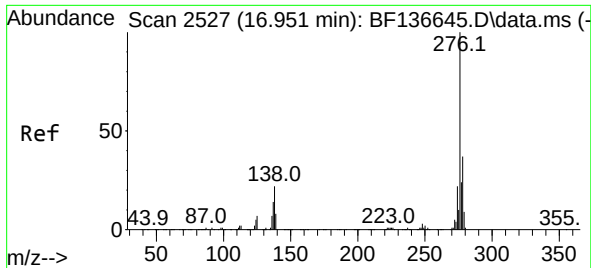
Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

265 22.2 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.317 ng
RT: 16.992 min Scan# 2115
Delta R.T. 0.041 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

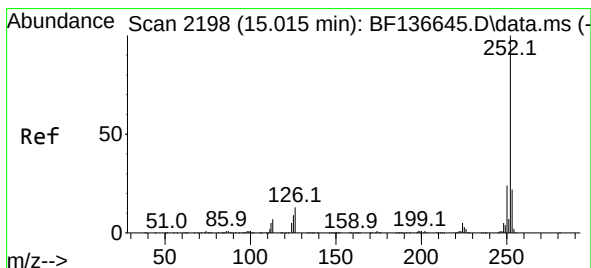
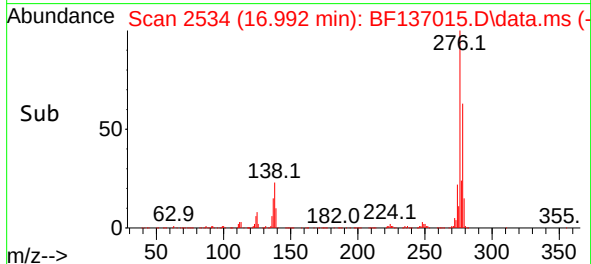
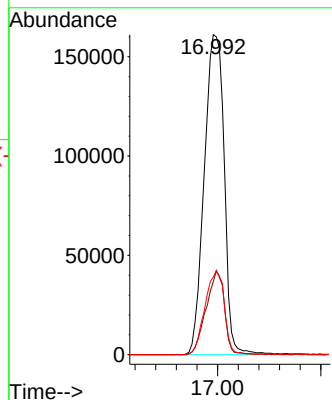
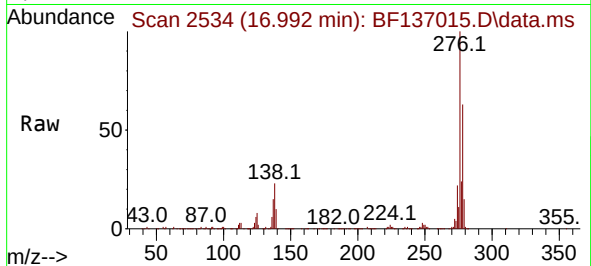
ClientSampleId :

PB158346BS

Tgt Ion:276 Resp: 432450
Ion Ratio Lower Upper
276 100
138 24.0 18.7 28.1
277 25.5 20.2 30.2

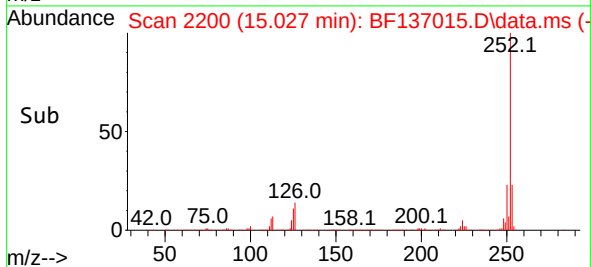
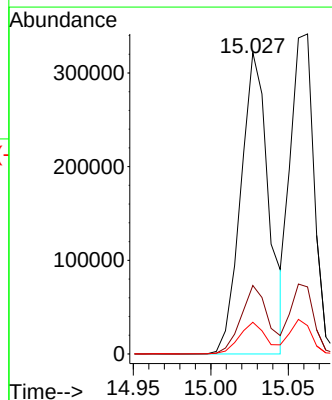
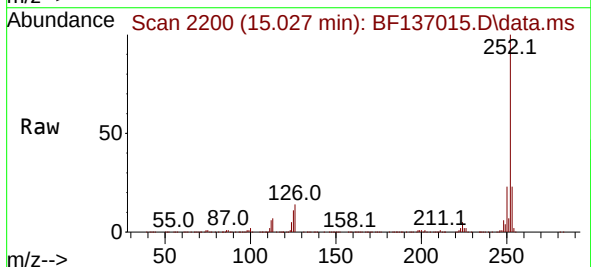
Manual Integrations
APPROVED

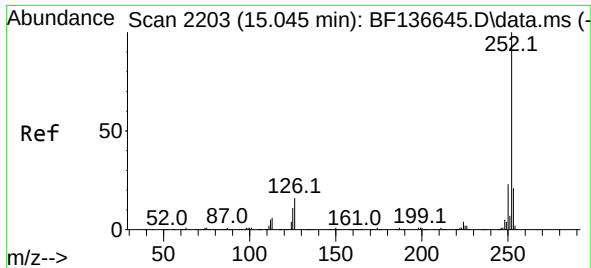
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#88
Benzo(b)fluoranthene
Concen: 44.729 ng
RT: 15.027 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

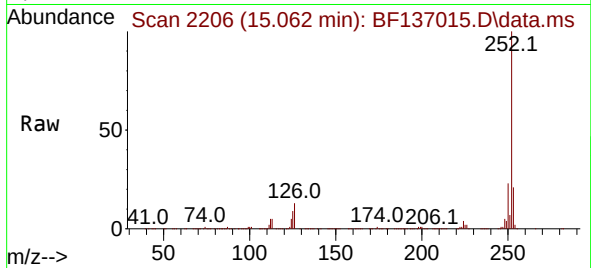
Tgt Ion:252 Resp: 403758
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 10.5 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 42.853 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

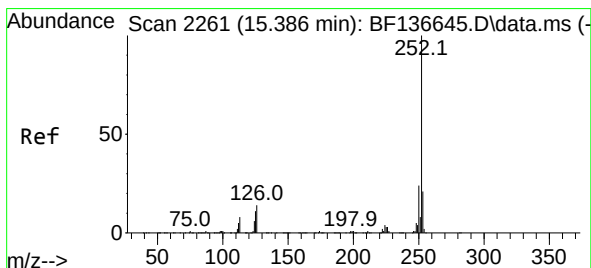
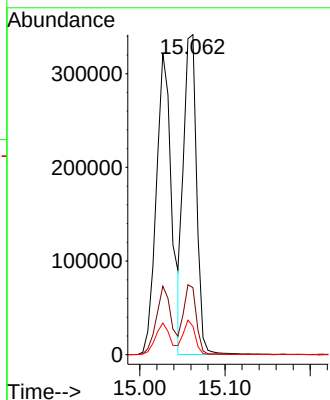
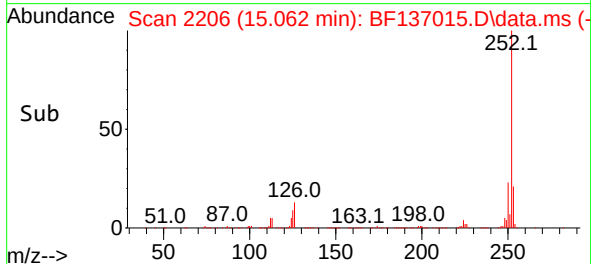
Instrument :
BNA_F
ClientSampleId :
PB158346BS



Tgt Ion:252 Resp: 365520
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 8.8 8.2 12.4

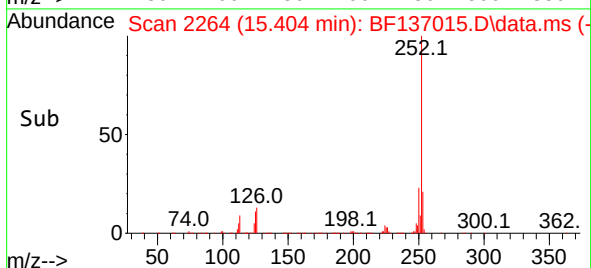
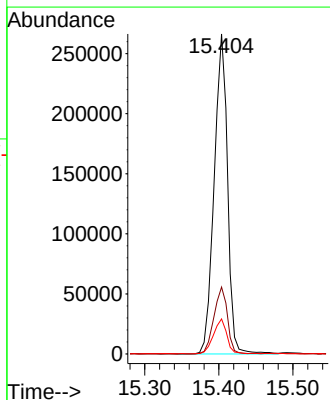
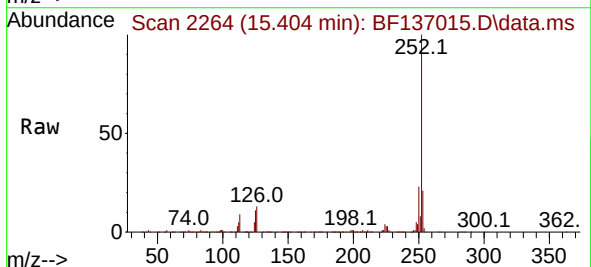
Manual Integrations
APPROVED

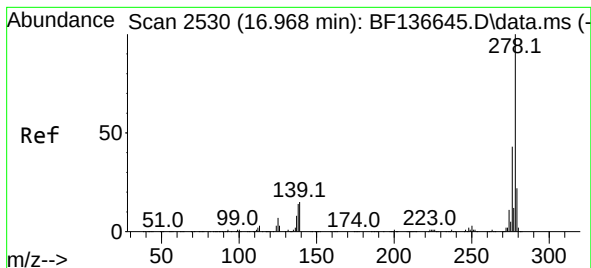
Reviewed By :Yogesh Patel 01/11/2024
Supervised By :mohammad ahmed 01/12/2024



#90
Benzo(a)pyrene
Concen: 43.740 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.018 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:252 Resp: 333286
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 11.0 8.8 13.2





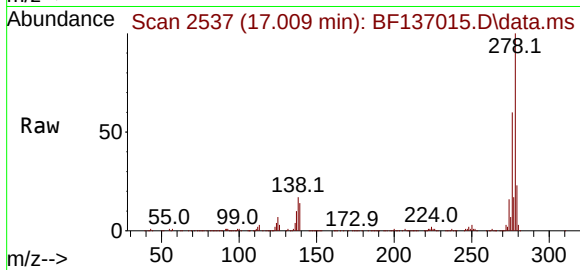
#91
Dibenzo(a,h)anthracene
Concen: 45.741 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB158346BS

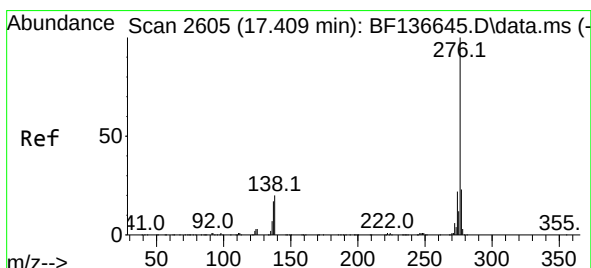
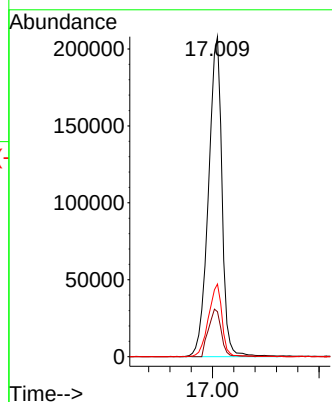
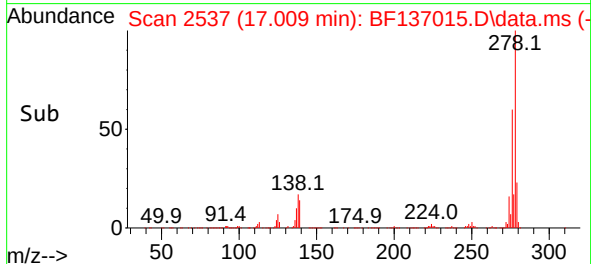


Tgt Ion:278 Resp: 366179
Ion Ratio Lower Upper
278 100
139 14.0 12.2 18.4
279 22.7 17.8 26.6

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 44.666 ng
RT: 17.456 min Scan# 2613
Delta R.T. 0.047 min
Lab File: BF137015.D
Acq: 10 Jan 2024 12:32

Tgt Ion:276 Resp: 366231
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 19.5 15.6 23.4

