

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137625.D
 Acq On : 18 Mar 2024 12:05
 Operator : CG\JU
 Sample : PB159612BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159612BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024

Quant Time: Mar 18 19:35:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	186296	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	724583	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	385832	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	671426	20.000	ng	0.00
76) Chrysene-d12	13.880	240	413274	20.000	ng	0.00
86) Perylene-d12	15.298	264	347647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1484817	120.712	ng	0.02
7) Phenol-d6	6.375	99	2001073	112.702	ng	0.00
23) Nitrobenzene-d5	7.298	82	1256690	80.586	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	476771	140.712	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2034507	82.542	ng	0.00
79) Terphenyl-d14	12.833	244	2233413	74.313	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	238363	35.440	ng	96
3) Pyridine	3.175	79	524275	32.321	ng	95
4) n-Nitrosodimethylamine	3.140	42	256199	39.705	ng	94
6) Aniline	6.392	93	423149	19.504	ng	# 70
8) 2-Chlorophenol	6.510	128	585380	45.120	ng	95
9) Benzaldehyde	6.275	77	314789	36.188	ng	98
10) Phenol	6.387	94	775053	40.556	ng	93
11) bis(2-Chloroethyl)ether	6.469	93	588190	42.001	ng	97
12) 1,3-Dichlorobenzene	6.669	146	609586	43.971	ng	95
13) 1,4-Dichlorobenzene	6.745	146	624174	44.004	ng	99
14) 1,2-Dichlorobenzene	6.892	146	584402	44.887	ng	98
15) Benzyl Alcohol	6.875	79	518808	46.935	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	930020	38.634	ng	95
17) 2-Methylphenol	6.992	107	481134	39.632	ng	97
18) Hexachloroethane	7.234	117	215785	46.201	ng	95
19) n-Nitroso-di-n-propyla...	7.145	70	428583	39.089	ng	99
20) 3+4-Methylphenols	7.145	107	550615	39.602	ng	92
22) Acetophenone	7.139	105	773615	44.127	ng	# 96
24) Nitrobenzene	7.316	77	661574	42.231	ng	97
25) Isophorone	7.551	82	1226452	41.397	ng	98
26) 2-Nitrophenol	7.628	139	303401	48.783	ng	98
27) 2,4-Dimethylphenol	7.669	122	436136	37.530	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	739541	42.544	ng	99
29) 2,4-Dichlorophenol	7.869	162	474383	44.478	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	512707	45.680	ng	100
31) Naphthalene	8.034	128	1633777	42.025	ng	99
32) Benzoic acid	7.816	122	266373	40.878	ng	98
33) 4-Chloroaniline	8.086	127	204900	13.441	ng	97
34) Hexachlorobutadiene	8.145	225	295278	44.561	ng	99
35) Caprolactam	8.463	113	151471m	41.883	ng	
36) 4-Chloro-3-methylphenol	8.575	107	517847	43.437	ng	99
37) 2-Methylnaphthalene	8.722	142	997706	40.257	ng	99
38) 1-Methylnaphthalene	8.822	142	958617	41.073	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	503346	46.730	ng	99
41) Hexachlorocyclopentadiene	8.875	237	379525	85.685	ng	97
43) 2,4,6-Trichlorophenol	9.004	196	319316	45.523	ng	99

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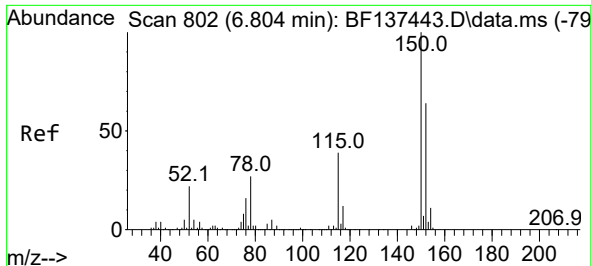
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	349025	43.195	ng	96
46) 1,1'-Biphenyl	9.186	154	1255148	44.447	ng	99
47) 2-Chloronaphthalene	9.210	162	986609	45.824	ng	99
48) 2-Nitroaniline	9.316	65	330352	45.143	ng	98
49) Acenaphthylene	9.628	152	1547278	44.906	ng	99
50) Dimethylphthalate	9.492	163	1175231	43.757	ng	100
51) 2,6-Dinitrotoluene	9.557	165	258819	46.072	ng	86
52) Acenaphthene	9.798	154	862018	41.906	ng	100
53) 3-Nitroaniline	9.722	138	160808	27.063	ng	96
54) 2,4-Dinitrophenol	9.833	184	240925	87.113	ng	99
55) Dibenzofuran	9.969	168	1313853	41.935	ng	99
56) 4-Nitrophenol	9.898	139	346317	81.812	ng	96
57) 2,4-Dinitrotoluene	9.957	165	324676	47.042	ng	95
58) Fluorene	10.310	166	1000667	41.588	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	292301	45.111	ng	96
60) Diethylphthalate	10.192	149	1098294	43.303	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	486376	41.246	ng	96
62) 4-Nitroaniline	10.345	138	219435	42.967	ng	91
63) Azobenzene	10.463	77	1200149	41.093	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	187819	50.190	ng	81
66) n-Nitrosodiphenylamine	10.428	169	899037	41.582	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	322354	44.079	ng	98
68) Hexachlorobenzene	10.851	284	346385	46.896	ng	97
69) Atrazine	10.957	200	268665	40.876	ng	99
70) Pentachlorophenol	11.051	266	367389	82.279	ng	99
71) Phenanthrene	11.269	178	1522718	41.672	ng	99
72) Anthracene	11.322	178	1554683	41.426	ng	99
73) Carbazole	11.480	167	1387114	43.150	ng	99
74) Di-n-butylphthalate	11.810	149	1675083	43.797	ng	99
75) Fluoranthene	12.457	202	1515337	42.426	ng	97
77) Benzidine	12.586	184	160612	15.881	ng	97
78) Pyrene	12.680	202	1550173	38.227	ng	100
80) Butylbenzylphthalate	13.304	149	583611	56.353	ng	98
81) Benzo(a)anthracene	13.868	228	1223357	42.234	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	290222	37.624	ng	100
83) Chrysene	13.910	228	1240065	42.358	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	751973	57.127	ng	100
85) Di-n-octyl phthalate	14.474	149	1265801	49.674	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	994838	43.485	ng	97
88) Benzo(b)fluoranthene	14.892	252	1053347	51.221	ng	99
89) Benzo(k)fluoranthene	14.921	252	967575	43.805	ng	98
90) Benzo(a)pyrene	15.245	252	898183	44.321	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	801428	43.184	ng	98
92) Benzo(g,h,i)perylene	17.109	276	802037	42.081	ng	97

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



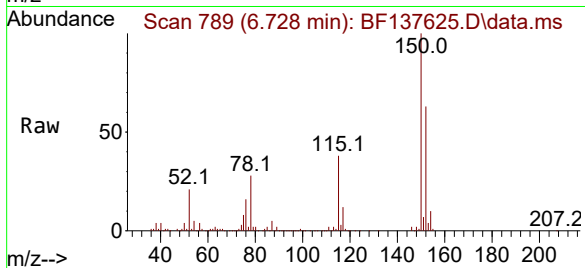
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :

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PB159612BSD



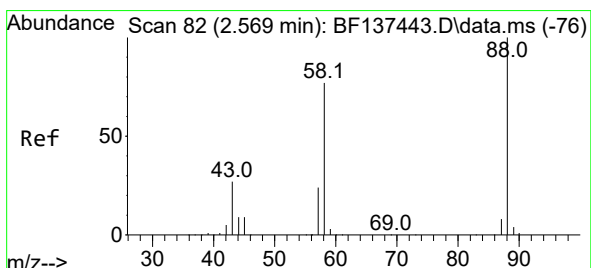
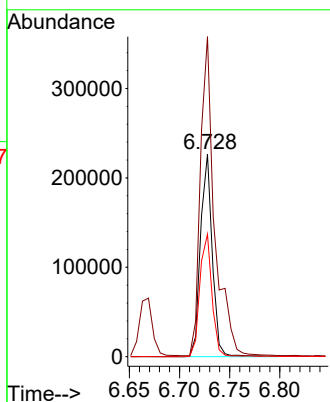
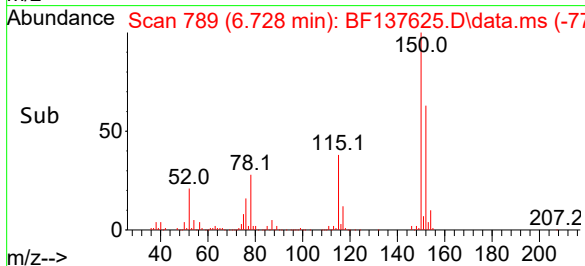
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Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 60.5 48.8 73.2

Manual Integrations

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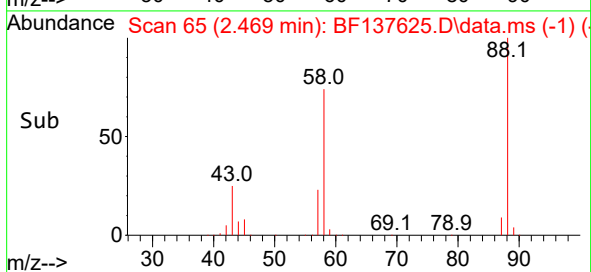
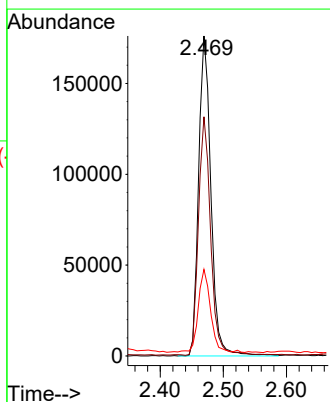
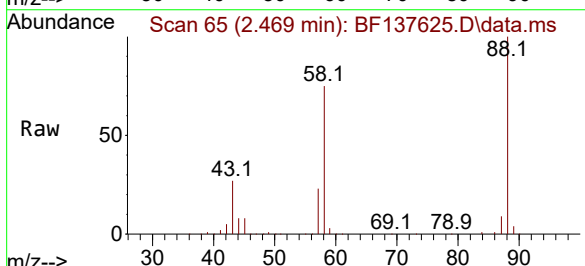
Reviewed By :Yogesh Patel 03/19/2024

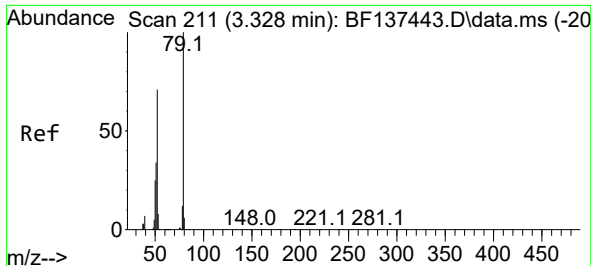
Supervised By :mohammad ahmed 03/19/2024



#2
1,4-Dioxane
Concen: 35.440 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.100 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

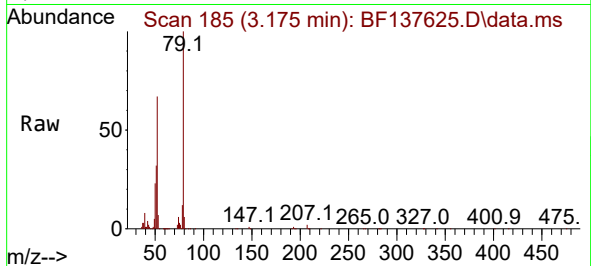
Tgt Ion: 88 Resp: 238363
Ion Ratio Lower Upper
88 100
58 74.1 61.8 92.8
43 25.3 22.2 33.4





#3
Pyridine
Concen: 32.321 ng
RT: 3.175 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

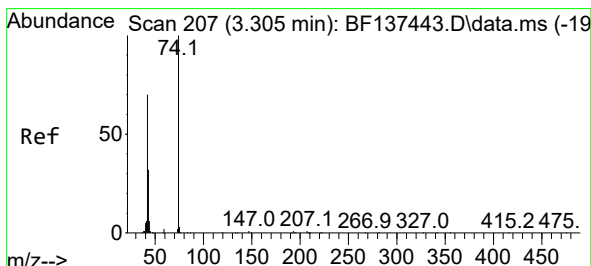
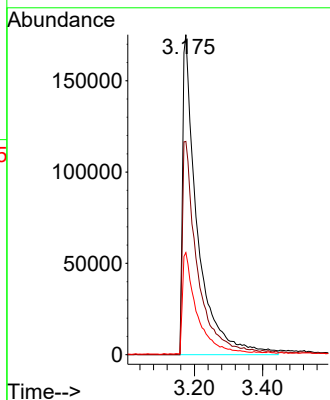
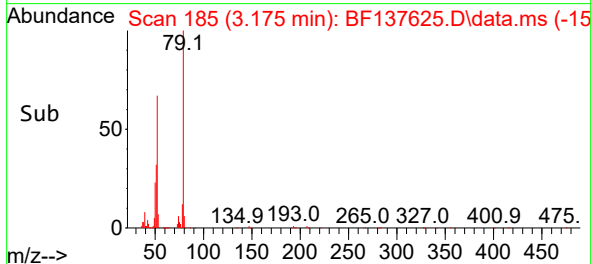
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BNA_F
ClientSampleId :
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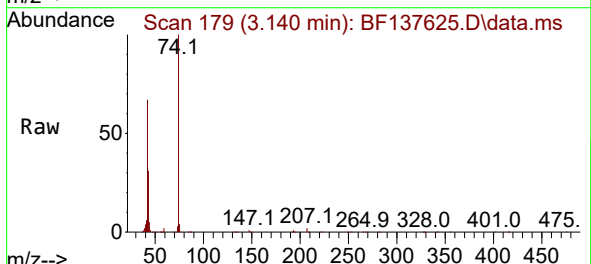
Tgt Ion: 79 Resp: 52427
Ion Ratio Lower Upper
79 100
52 66.7 57.0 85.4
51 31.9 27.5 41.3

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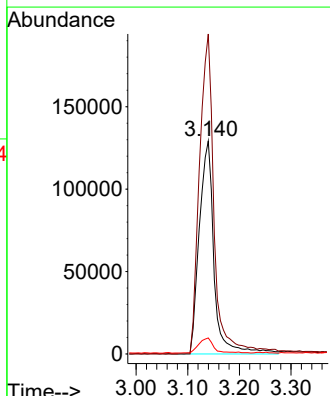
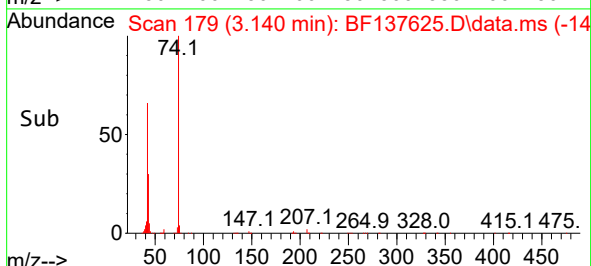
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

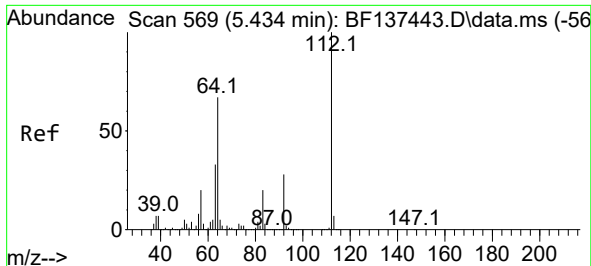


#4
n-Nitrosodimethylamine
Concen: 39.705 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.100 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



Tgt Ion: 42 Resp: 256199
Ion Ratio Lower Upper
42 100
74 150.2 114.0 171.0
44 7.5 7.0 10.4





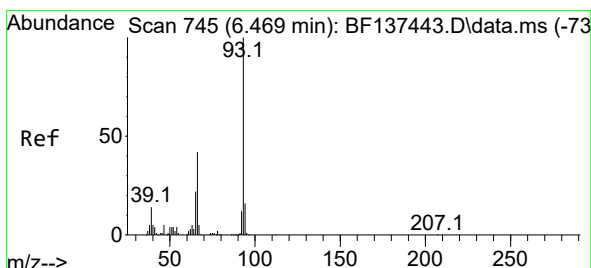
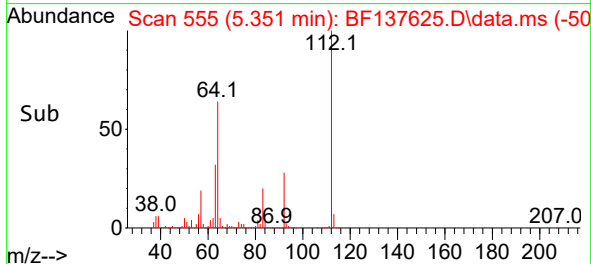
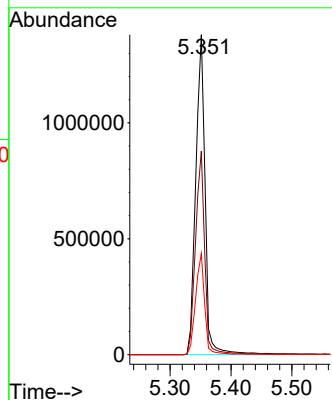
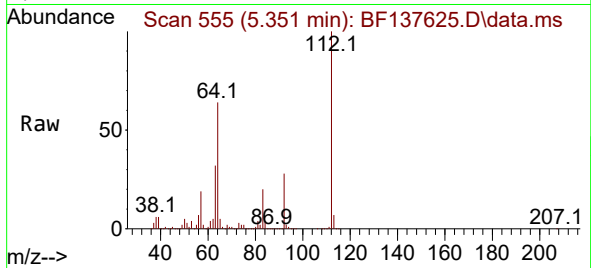
#5
2-Fluorophenol
Concen: 120.712 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :
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ClientSampleId :
PB159612BSD

Tgt Ion:112 Resp: 148481
Ion Ratio Lower Upper
112 100
64 63.6 53.4 80.2
63 31.5 26.2 39.2

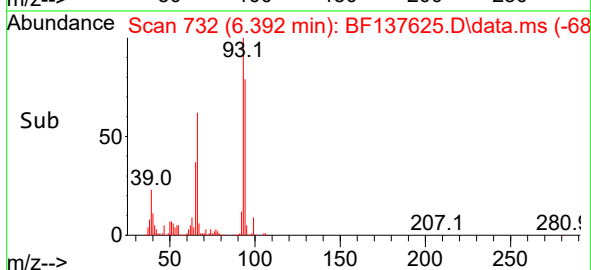
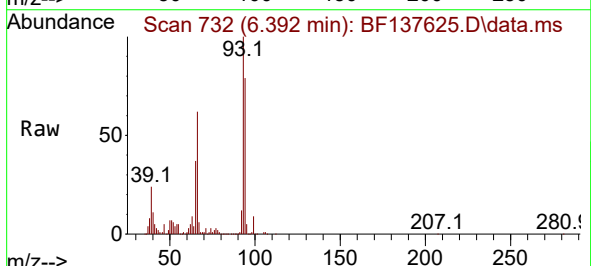
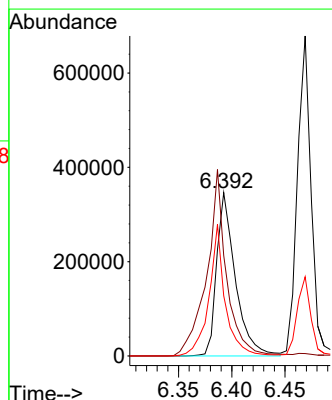
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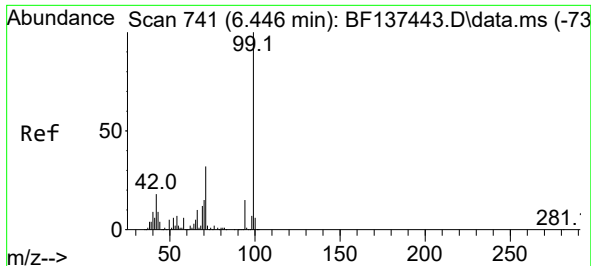
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#6
Aniline
Concen: 19.504 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

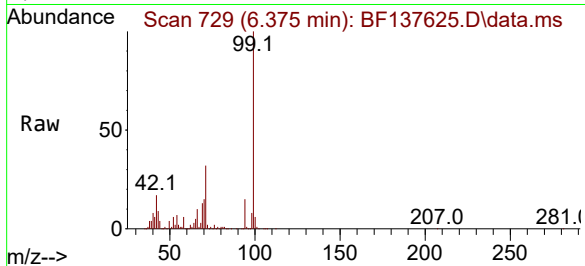
Tgt Ion: 93 Resp: 423149
Ion Ratio Lower Upper
93 100
66 61.5 34.0 51.0#
65 36.8 17.8 26.8#





#7
Phenol-d6
Concen: 112.702 ng
RT: 6.375 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

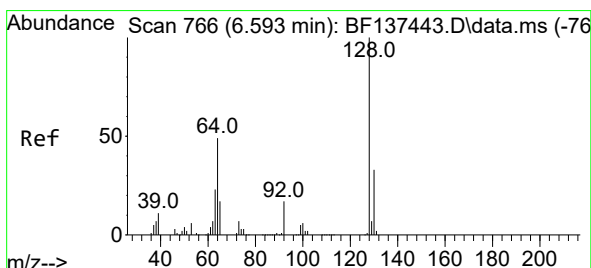
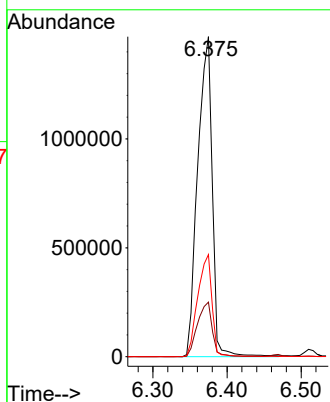
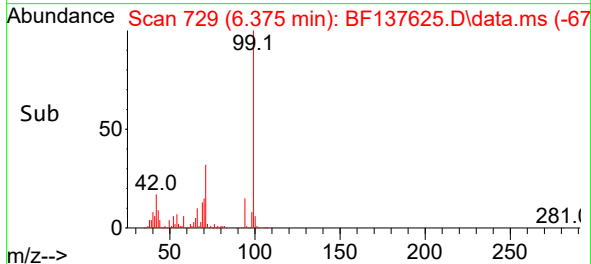
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 200107
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 31.9 25.3 37.9

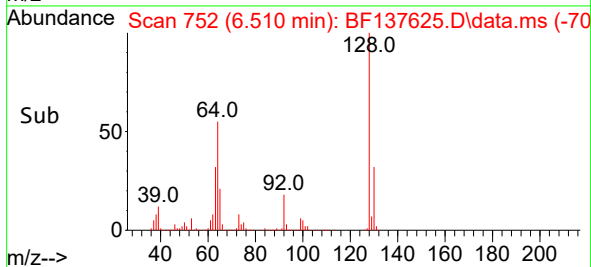
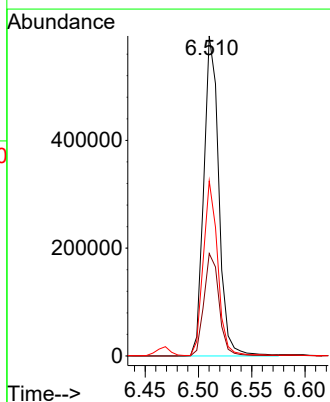
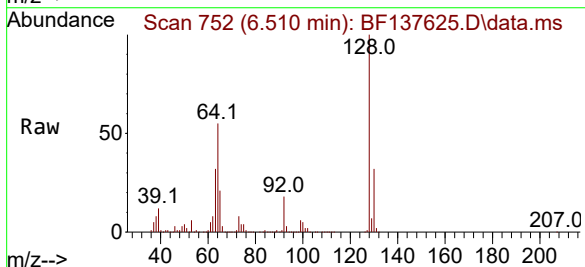
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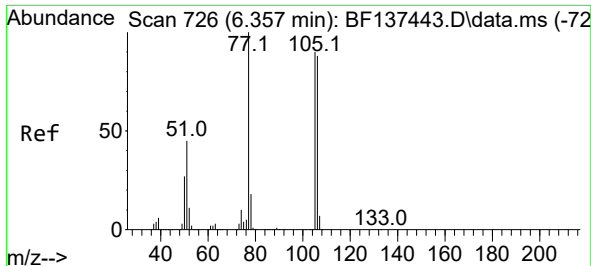
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#8
2-Chlorophenol
Concen: 45.120 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:128 Resp: 585380
Ion Ratio Lower Upper
128 100
130 32.0 13.4 53.4
64 54.7 30.0 70.0





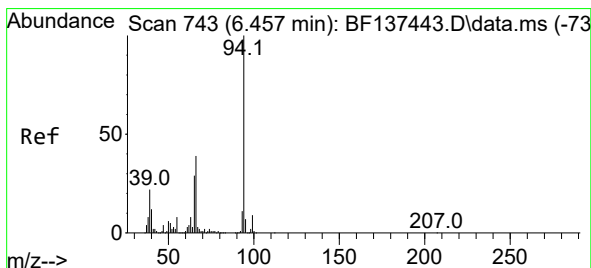
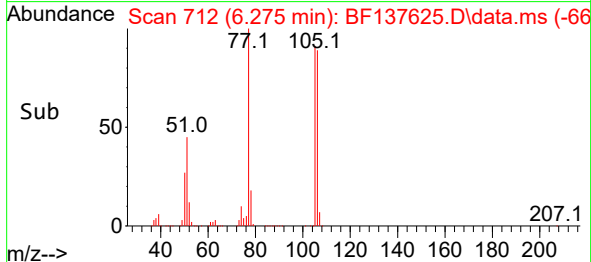
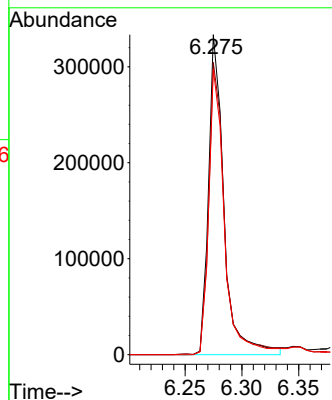
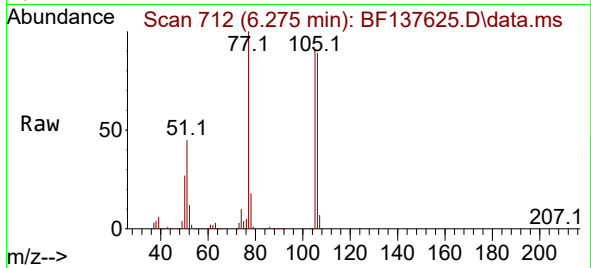
#9
Benzaldehyde
Concen: 36.188 ng
RT: 6.275 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :
BNA_F
ClientSampleId :
PB159612BSD

Tgt Ion: 77 Resp: 314789
Ion Ratio Lower Upper
77 100
105 91.3 69.8 109.8
106 89.2 67.8 107.8

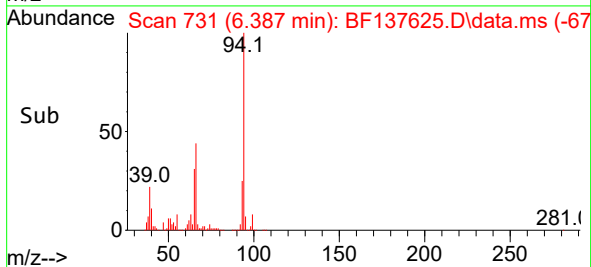
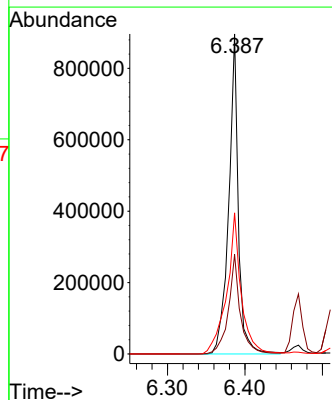
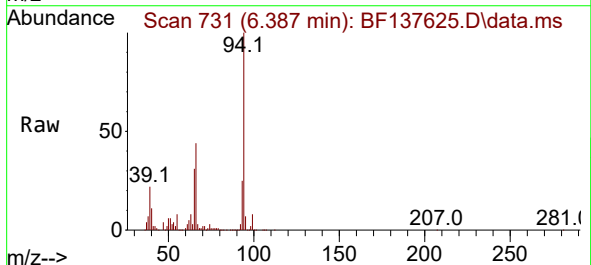
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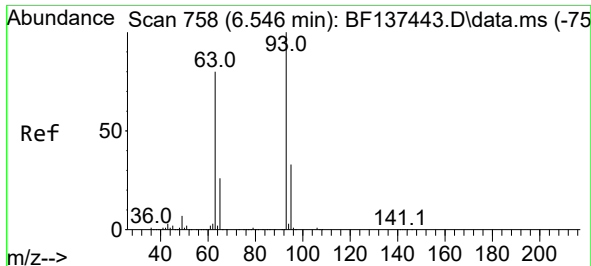
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#10
Phenol
Concen: 40.556 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

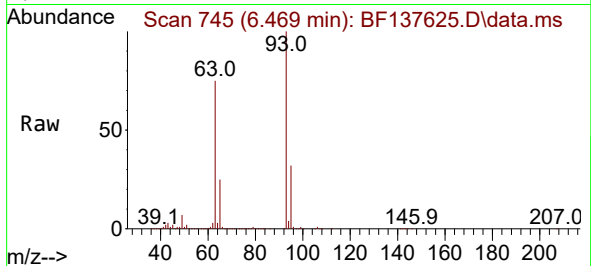
Tgt Ion: 94 Resp: 775053
Ion Ratio Lower Upper
94 100
65 31.1 8.7 48.7
66 44.1 18.6 58.6





#11
bis(2-Chloroethyl)ether
Concen: 42.001 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

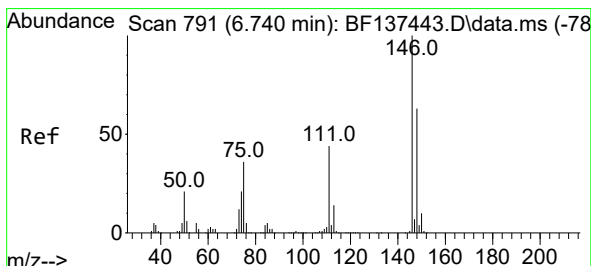
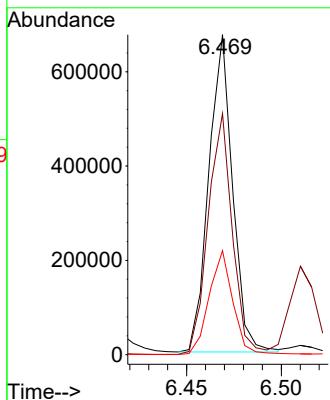
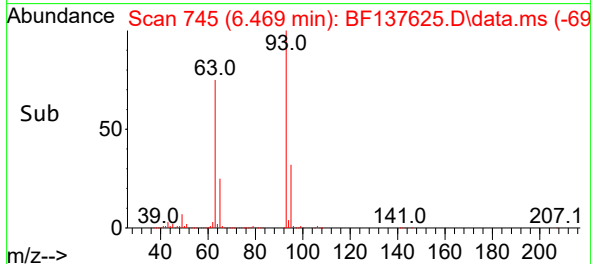
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



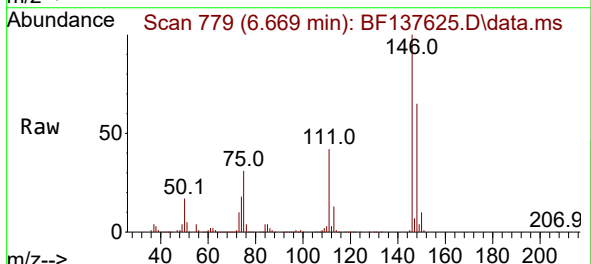
Tgt Ion: 93 Resp: 588190
Ion Ratio Lower Upper
93 100
63 75.3 58.9 98.9
95 32.5 12.2 52.2

Manual Integrations
APPROVED

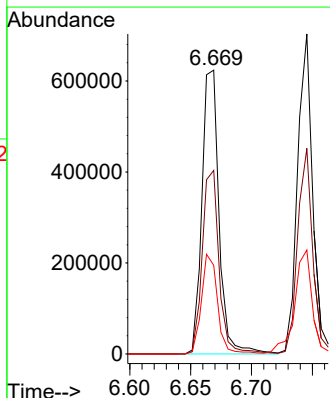
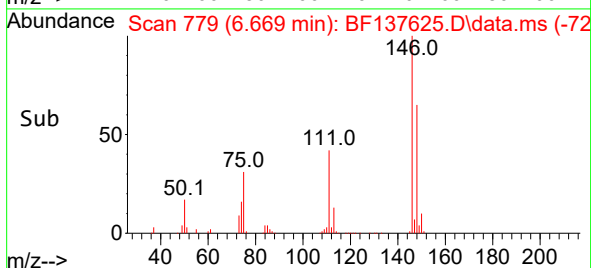
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

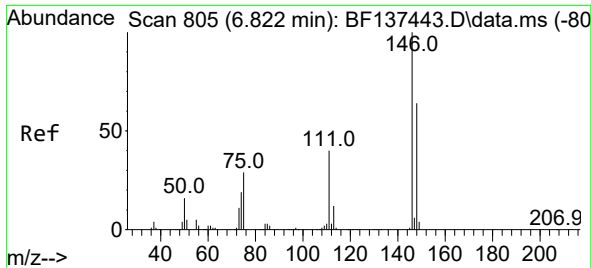


#12
1,3-Dichlorobenzene
Concen: 43.971 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



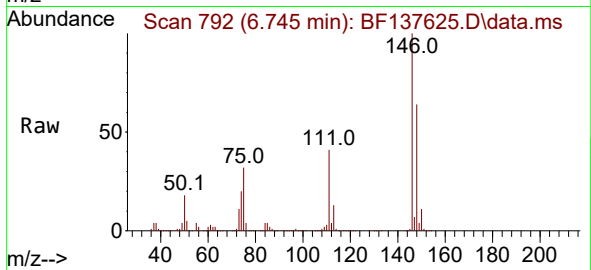
Tgt Ion:146 Resp: 609586
Ion Ratio Lower Upper
146 100
148 64.7 50.3 75.5
75 31.2 29.0 43.4





#13
1,4-Dichlorobenzene
Concen: 44.004 ng
RT: 6.745 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

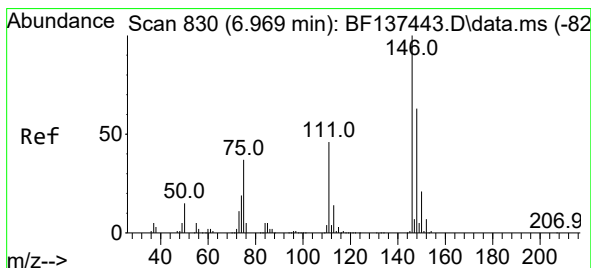
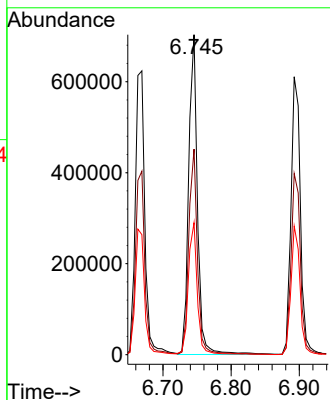
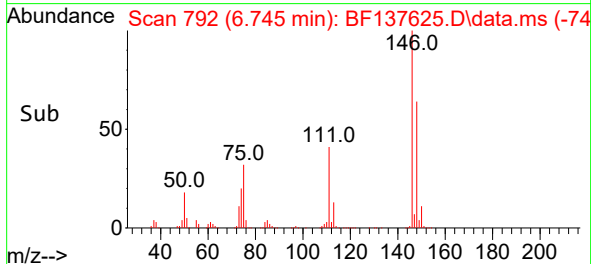
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



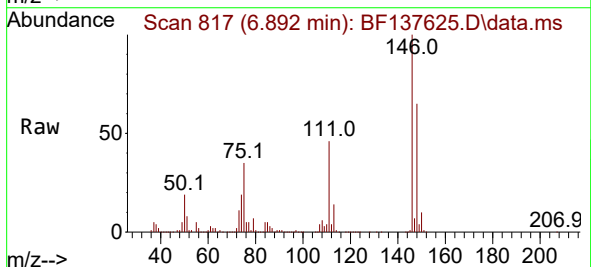
Tgt Ion:146 Resp: 624174
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 41.3 32.4 48.6

Manual Integrations
APPROVED

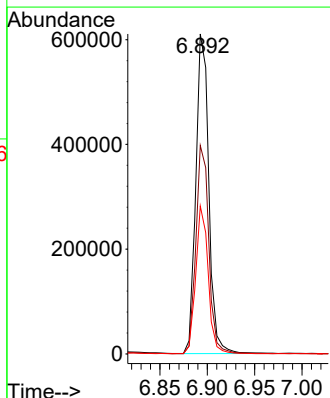
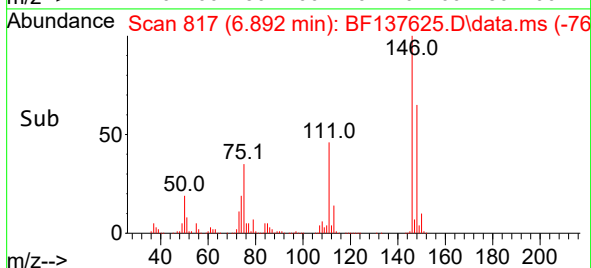
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

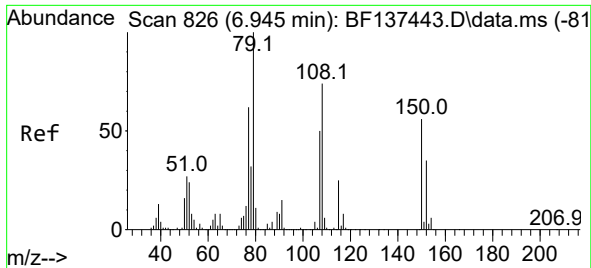


#14
1,2-Dichlorobenzene
Concen: 44.887 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



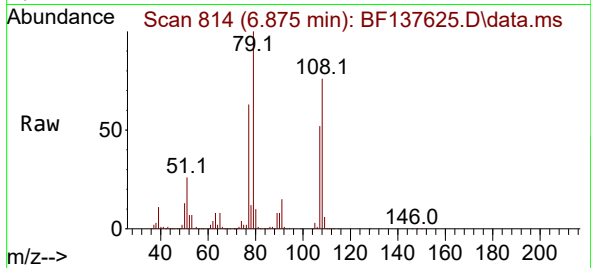
Tgt Ion:146 Resp: 584402
Ion Ratio Lower Upper
146 100
148 65.2 50.0 75.0
111 46.3 36.8 55.2





#15
Benzyl Alcohol
Concen: 46.935 ng
RT: 6.875 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

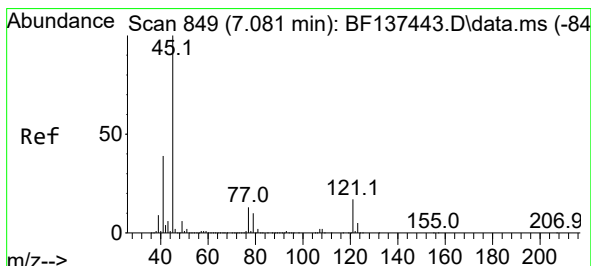
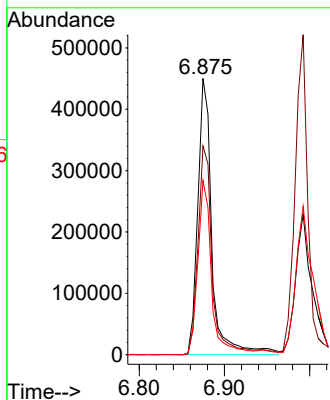
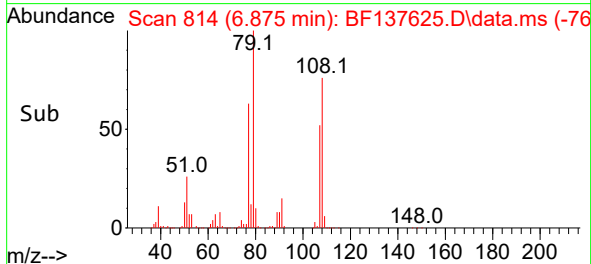
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion: 79 Resp: 518808
Ion Ratio Lower Upper
79 100
108 75.6 59.5 89.3
77 63.0 50.0 75.0

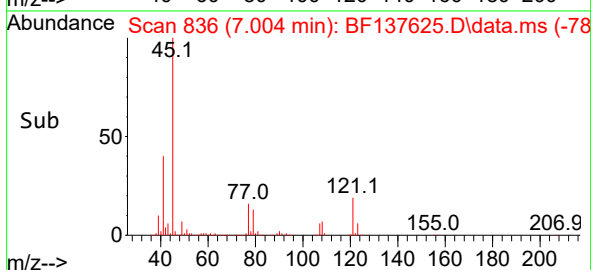
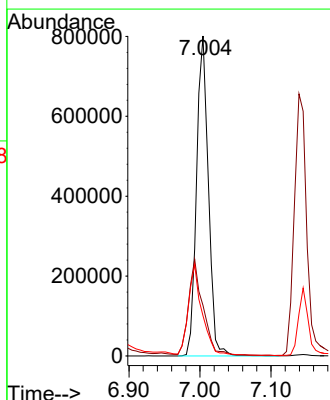
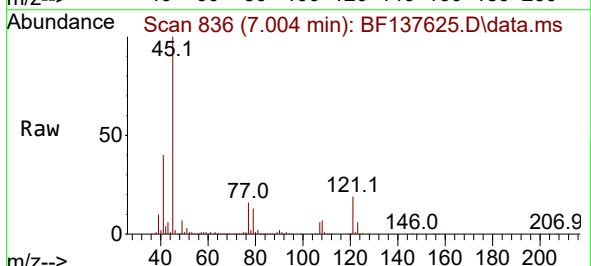
Manual Integrations
APPROVED

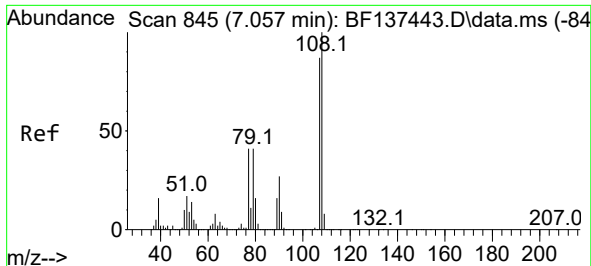
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.634 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion: 45 Resp: 930020
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.4
79 12.5 0.0 30.9





#17

2-Methylphenol

Concen: 39.632 ng

RT: 6.992 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF137625.D

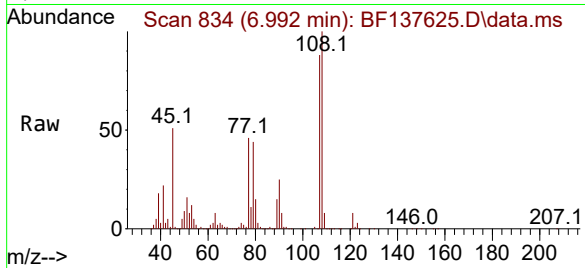
Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB159612BSD



Tgt Ion:107 Resp: 481134

Ion Ratio Lower Upper

107 100

108 113.1 92.2 138.4

77 52.5 38.6 57.8

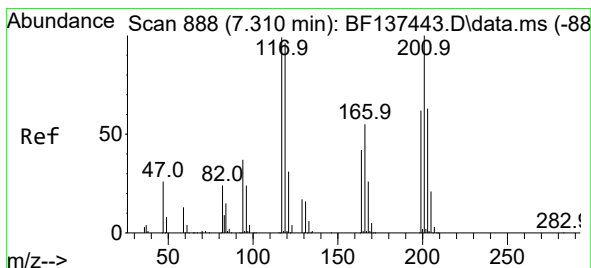
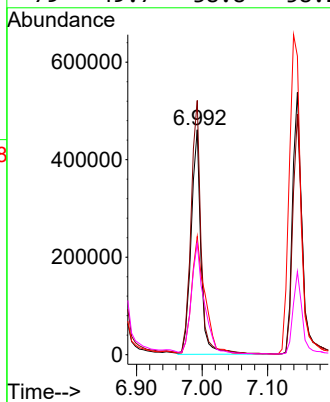
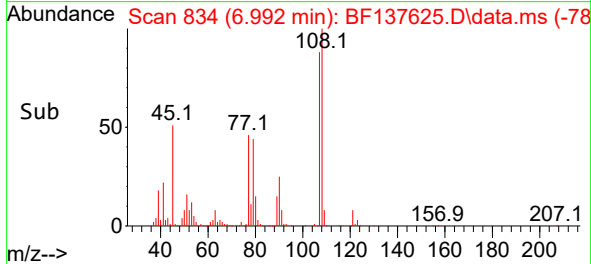
79 49.7 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



#18

Hexachloroethane

Concen: 46.201 ng

RT: 7.234 min Scan# 875

Delta R.T. -0.000 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

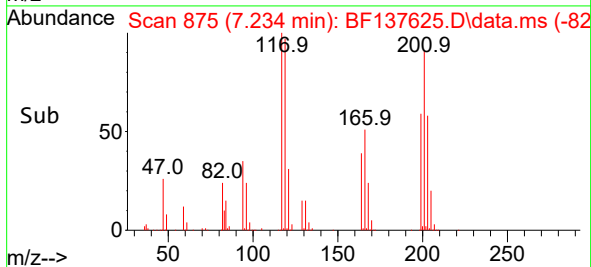
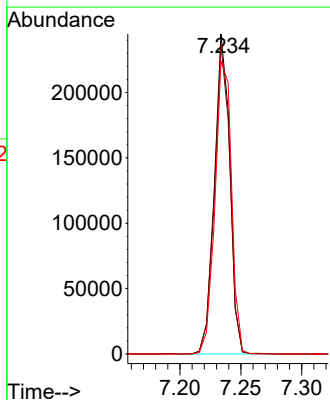
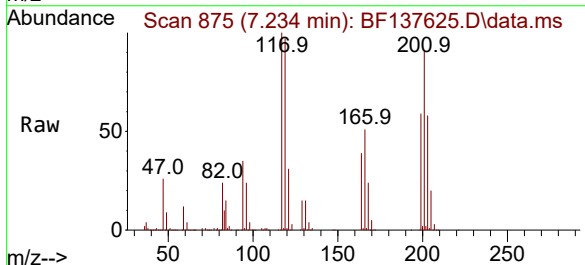
Tgt Ion:117 Resp: 215785

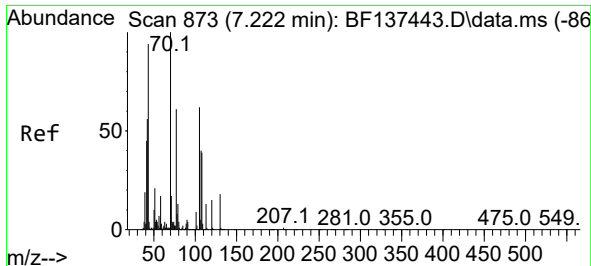
Ion Ratio Lower Upper

117 100

119 96.7 77.5 116.3

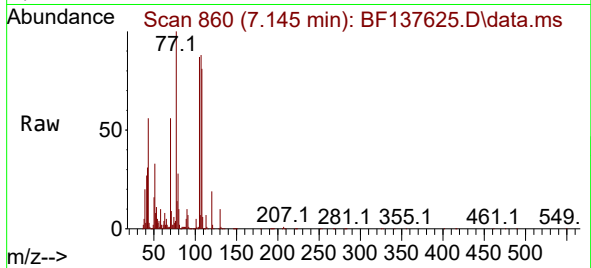
201 91.4 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 39.089 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

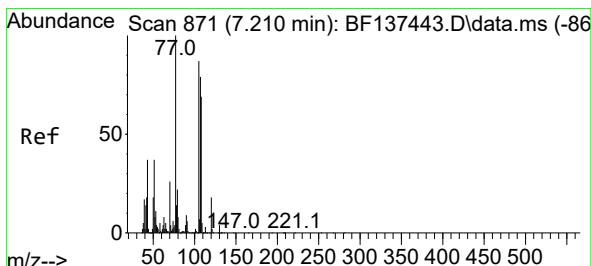
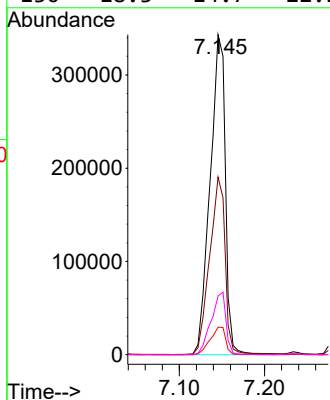
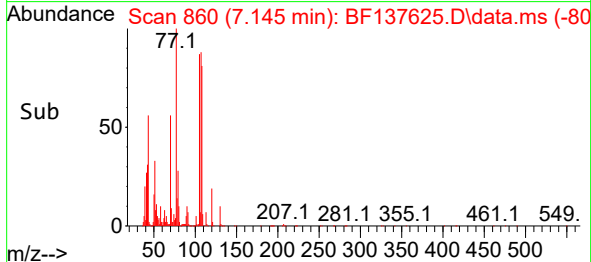
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion: 70 Resp: 42858
Ion Ratio Lower Upper
70 100
42 55.5 45.2 67.8
101 8.6 7.3 10.9
130 18.3 14.7 22.1

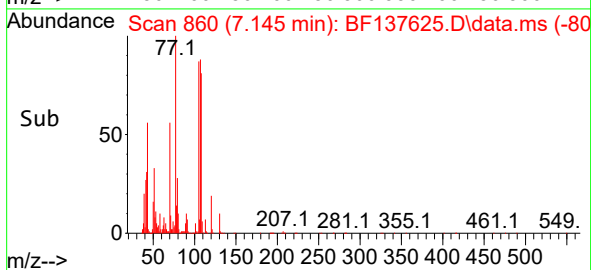
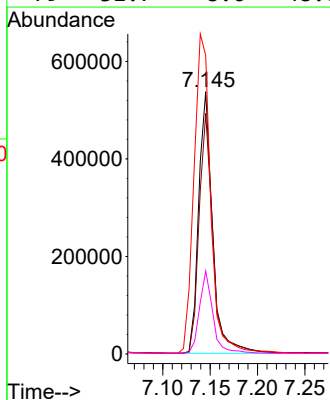
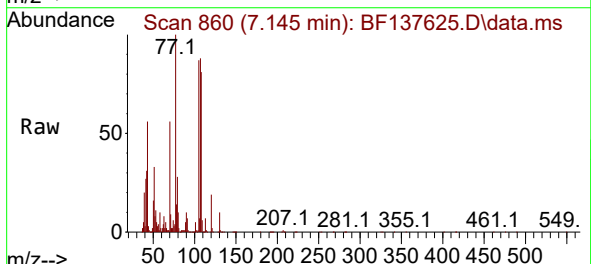
Manual Integrations
APPROVED

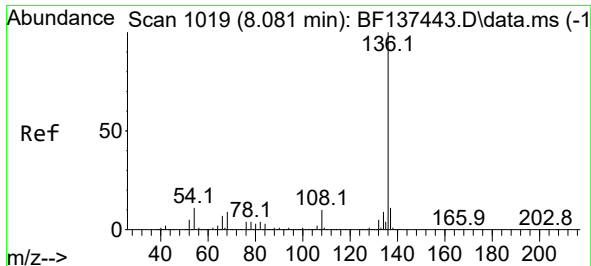
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#20
3+4-Methylphenols
Concen: 39.602 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:107 Resp: 550615
Ion Ratio Lower Upper
107 100
108 91.8 67.6 107.6
77 113.9 107.1 147.1
79 31.7 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

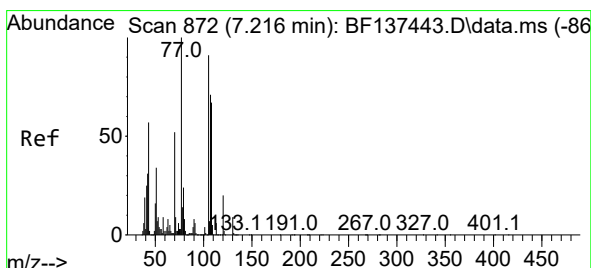
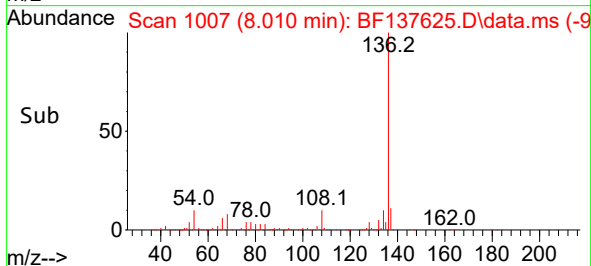
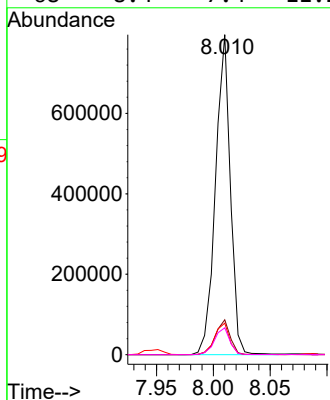
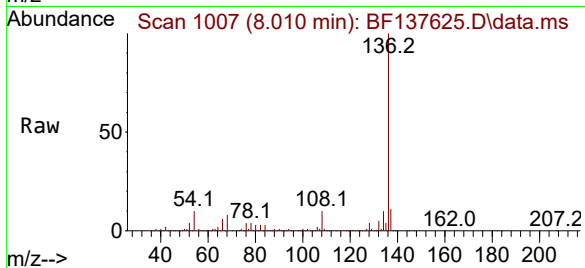
PB159612BSD

Tgt Ion:136 Resp: 72458
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.8 8.5 12.7
68 8.4 7.4 11.2

Manual Integrations

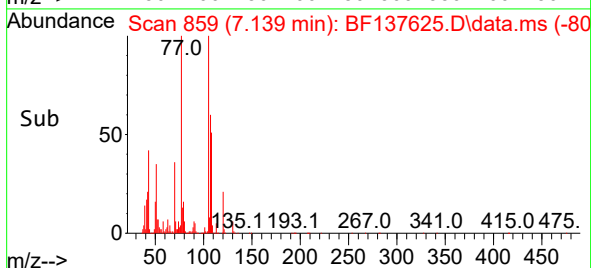
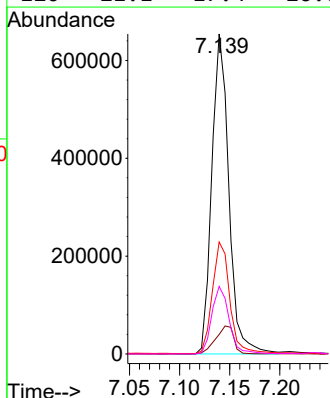
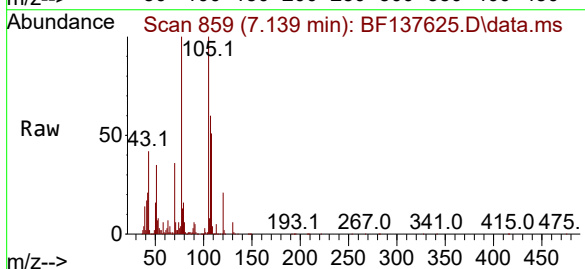
APPROVED

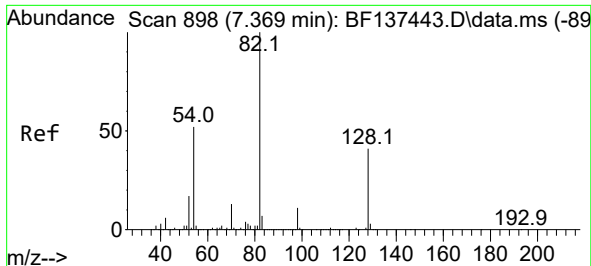
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#22
Acetophenone
Concen: 44.127 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:105 Resp: 773615
Ion Ratio Lower Upper
105 100
71 6.1 7.7 11.5#
51 35.0 30.4 45.6
120 21.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 80.586 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB159612BSD

Tgt Ion: 82 Resp: 1256690

Ion Ratio Lower Upper

82 100

128 41.5 32.5 48.7

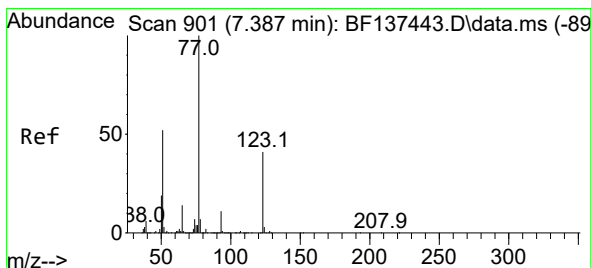
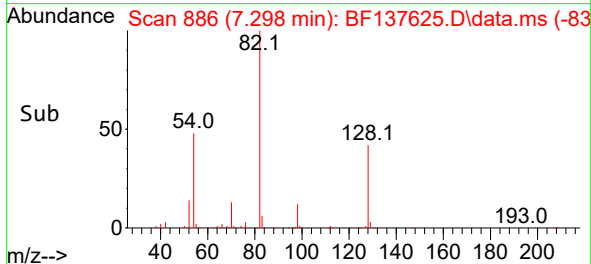
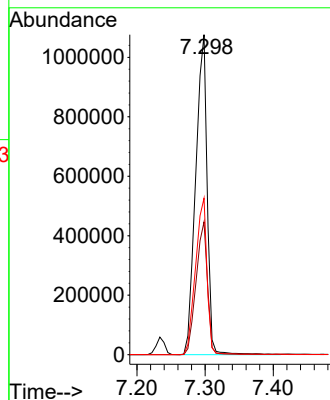
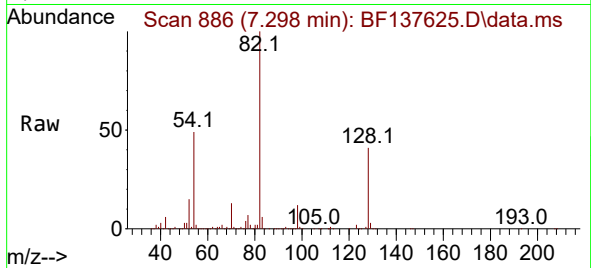
54 48.9 41.5 62.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



#24

Nitrobenzene

Concen: 42.231 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

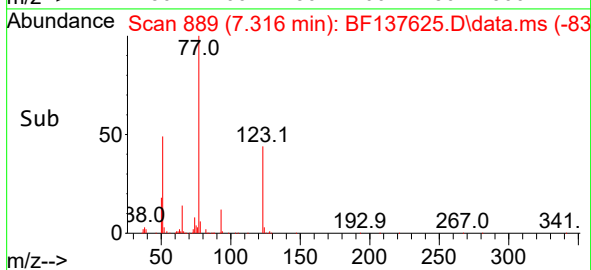
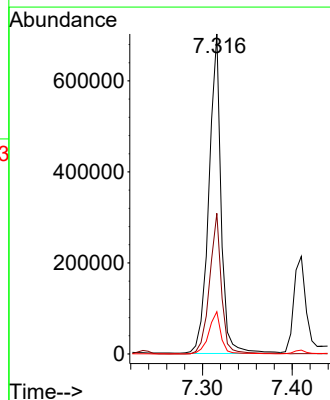
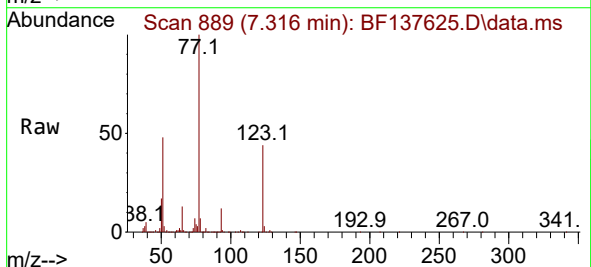
Tgt Ion: 77 Resp: 661574

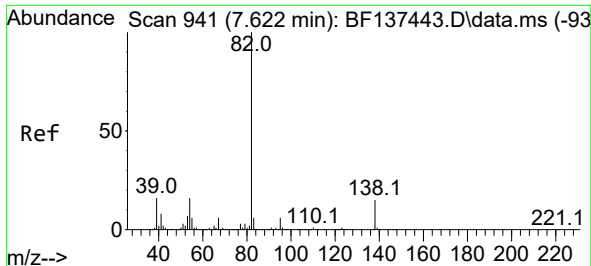
Ion Ratio Lower Upper

77 100

123 44.0 33.0 49.6

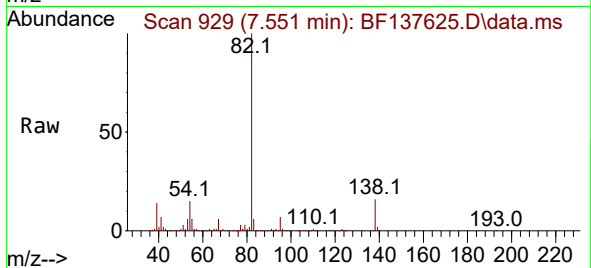
65 13.2 10.9 16.3





#25
Isophorone
Concen: 41.397 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

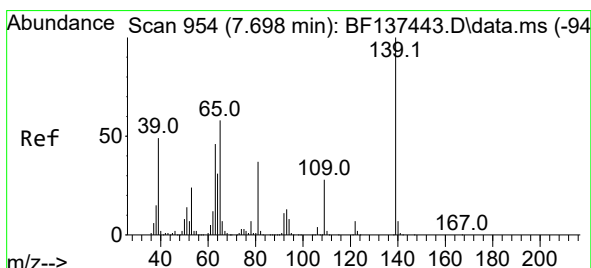
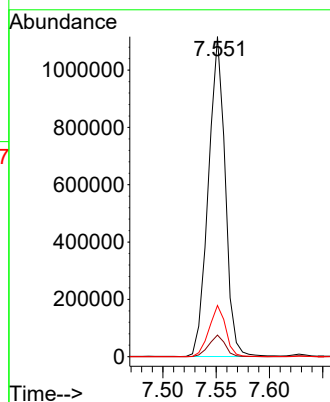
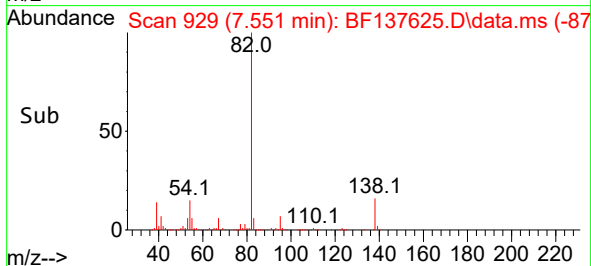
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion: 82 Resp: 122645
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 16.0 11.8 17.8

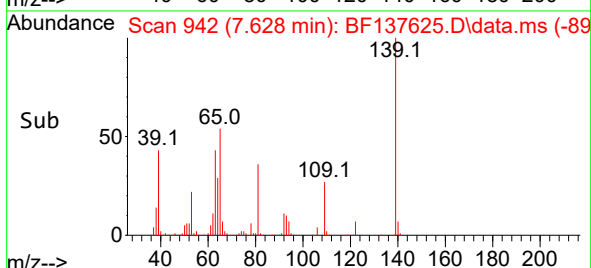
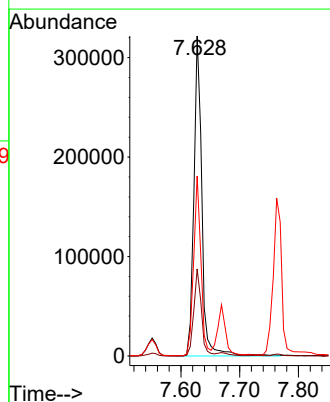
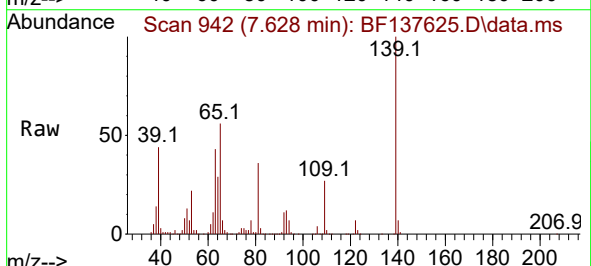
Manual Integrations
APPROVED

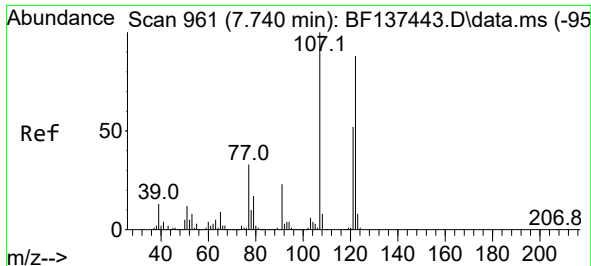
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#26
2-Nitrophenol
Concen: 48.783 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

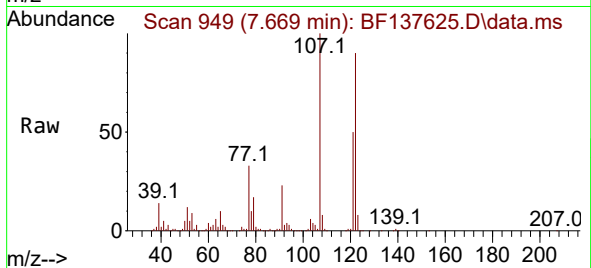
Tgt Ion:139 Resp: 303401
Ion Ratio Lower Upper
139 100
109 27.2 22.2 33.4
65 56.3 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 37.530 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

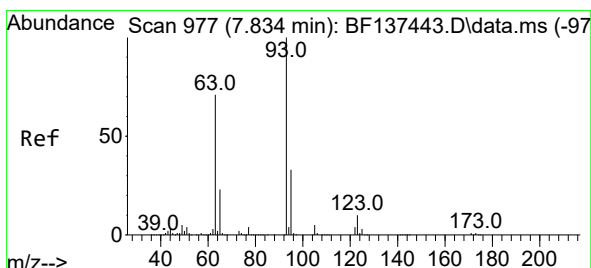
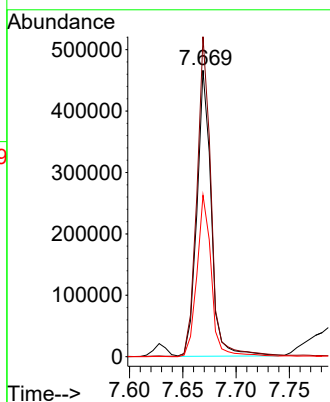
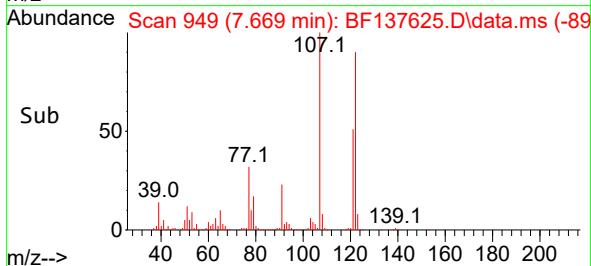
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion:122 Resp: 436130
Ion Ratio Lower Upper
122 100
107 111.7 90.9 136.3
121 56.4 47.0 70.6

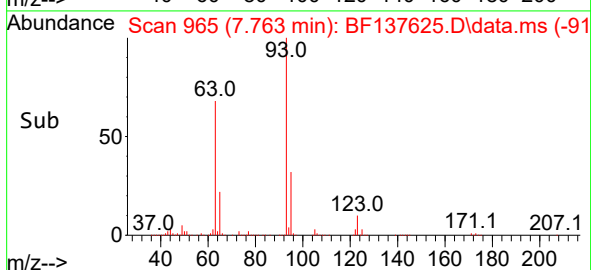
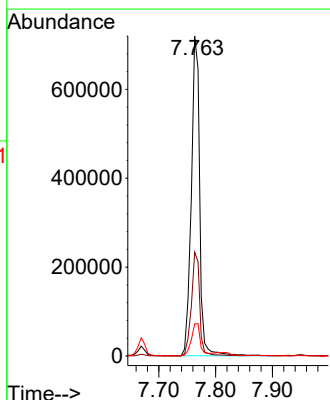
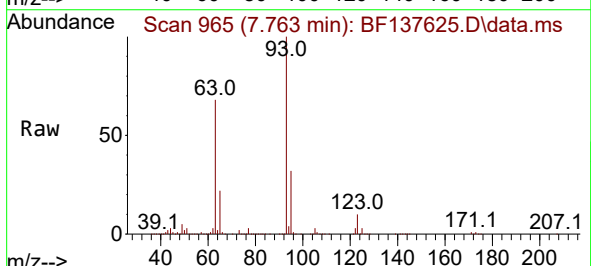
Manual Integrations
APPROVED

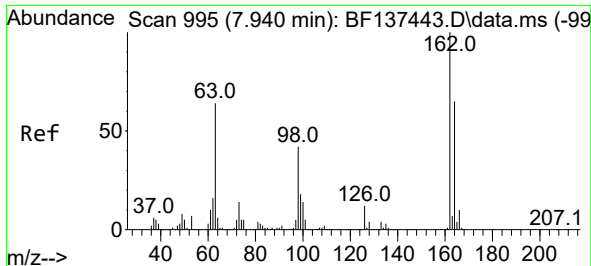
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.544 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion: 93 Resp: 739541
Ion Ratio Lower Upper
93 100
95 32.4 26.5 39.7
123 10.0 8.0 12.0





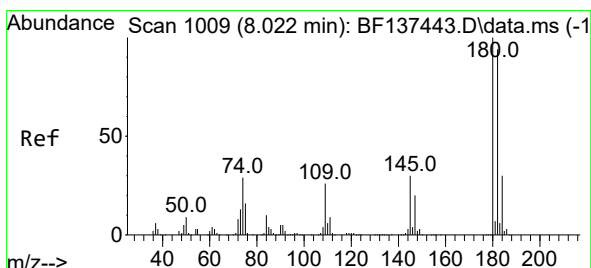
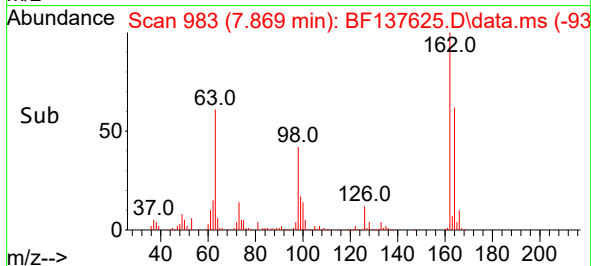
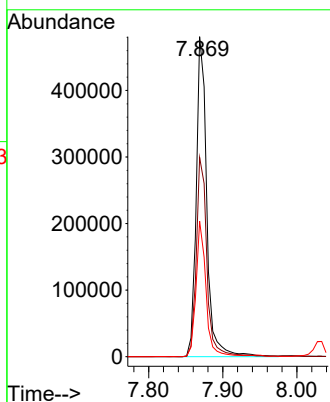
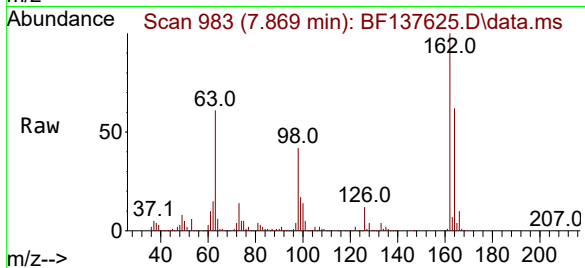
#29
2,4-Dichlorophenol
Concen: 44.478 ng
RT: 7.869 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :
BNA_F
ClientSampleId :
PB159612BSD

Tgt Ion:162 Resp: 47438
Ion Ratio Lower Upper
162 100
164 62.2 44.7 84.7
98 42.4 22.0 62.0

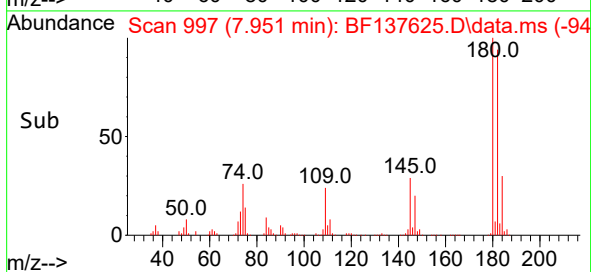
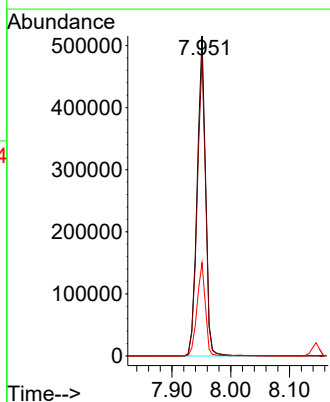
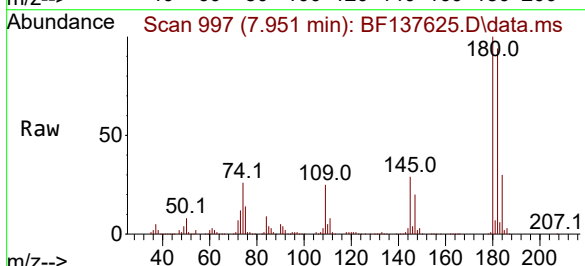
Manual Integrations
APPROVED

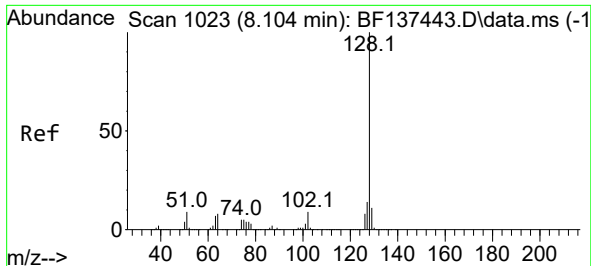
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#30
1,2,4-Trichlorobenzene
Concen: 45.680 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:180 Resp: 512707
Ion Ratio Lower Upper
180 100
182 93.6 75.0 112.6
145 29.1 23.7 35.5





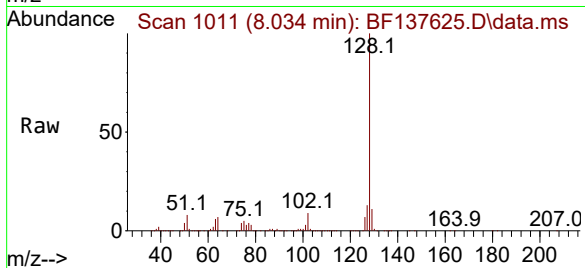
#31
Naphthalene
Concen: 42.025 ng
RT: 8.034 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB159612BSD



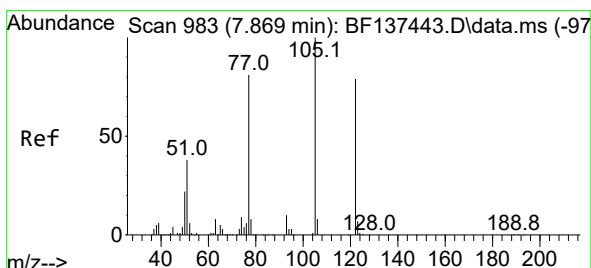
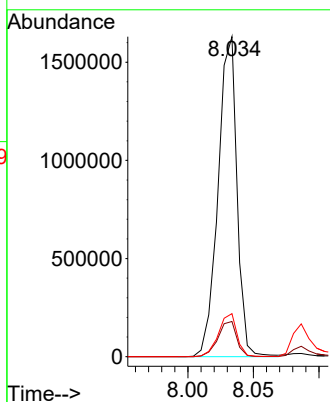
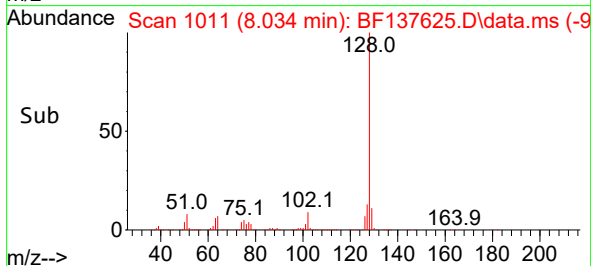
Tgt Ion:128 Resp: 163377
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.5 10.8 16.2

Manual Integrations

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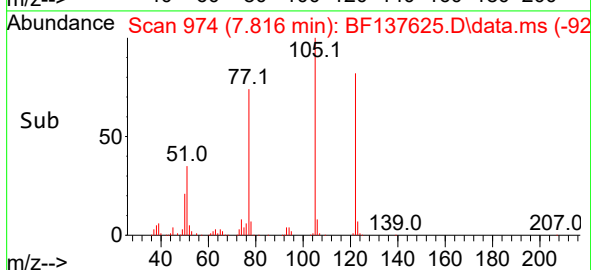
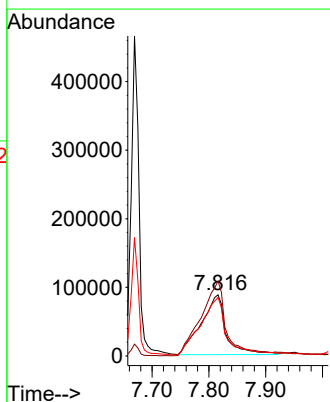
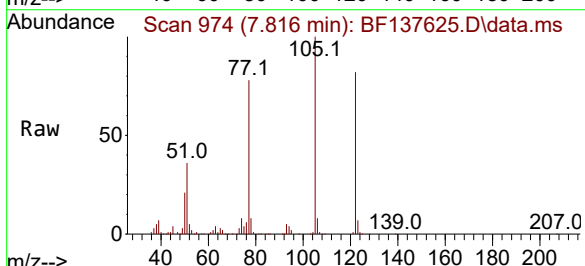
Reviewed By :Yogesh Patel 03/19/2024

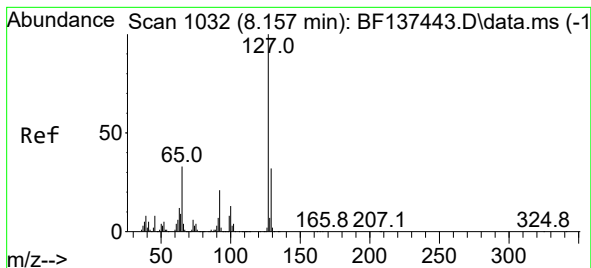
Supervised By :mohammad ahmed 03/19/2024



#32
Benzoic acid
Concen: 40.878 ng
RT: 7.816 min Scan# 974
Delta R.T. 0.018 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

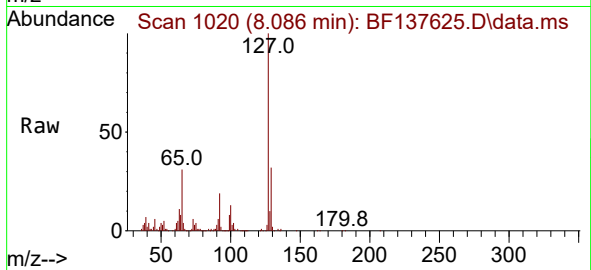
Tgt Ion:122 Resp: 266373
Ion Ratio Lower Upper
122 100
105 122.7 102.4 142.4
77 96.0 81.1 121.1





#33
4-Chloroaniline
Concen: 13.441 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

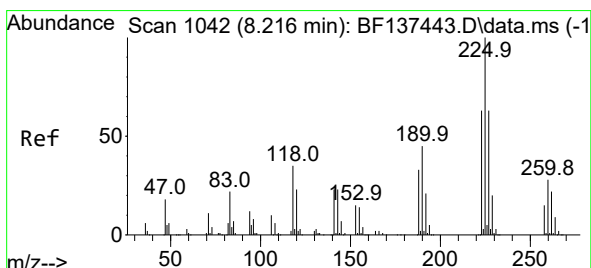
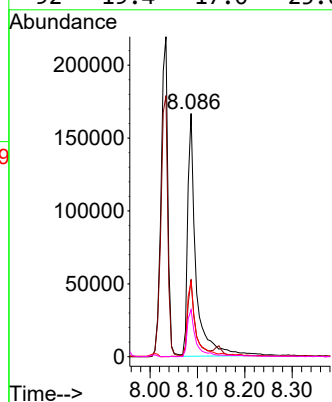
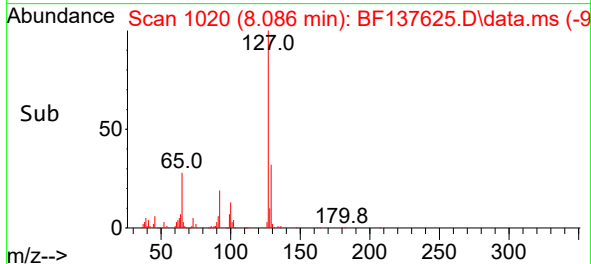
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion:127 Resp: 204900
Ion Ratio Lower Upper
127 100
129 31.8 26.0 39.0
65 30.9 26.8 40.2
92 19.4 17.0 25.6

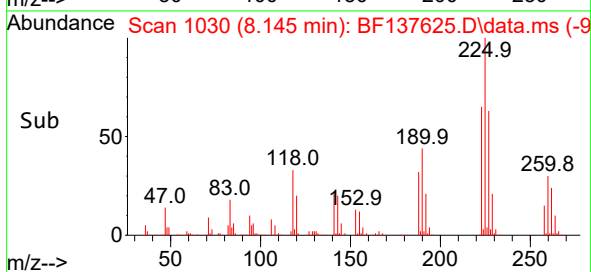
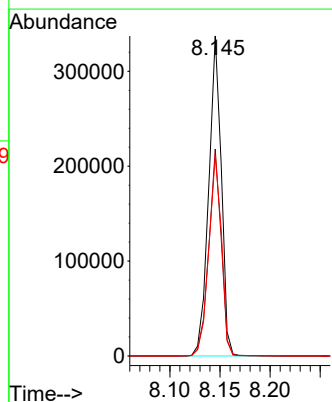
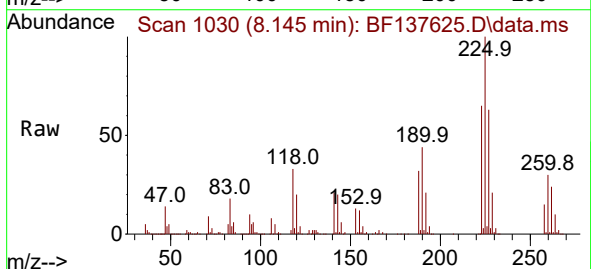
Manual Integrations
APPROVED

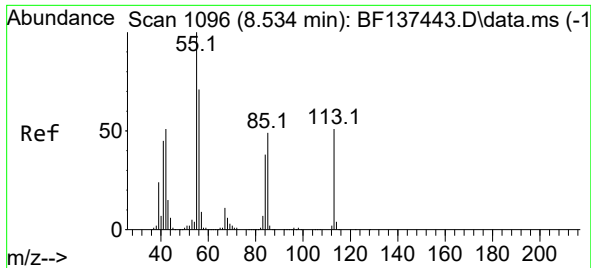
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#34
Hexachlorobutadiene
Concen: 44.561 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

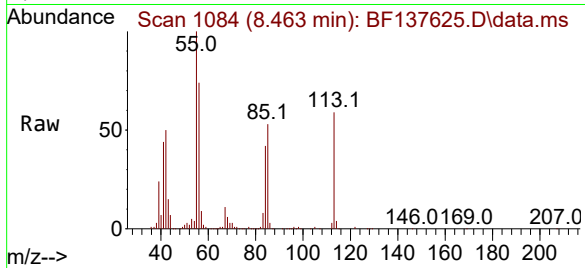
Tgt Ion:225 Resp: 295278
Ion Ratio Lower Upper
225 100
223 64.7 50.7 76.1
227 62.7 50.6 75.8





#35
 Caprolactam
 Concen: 41.883 ng m
 RT: 8.463 min Scan# 1096
 Delta R.T. 0.006 min
 Lab File: BF137625.D
 Acq: 18 Mar 2024 12:05

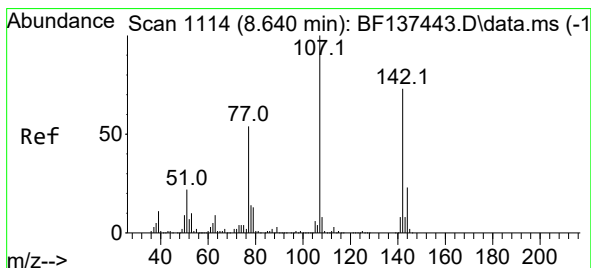
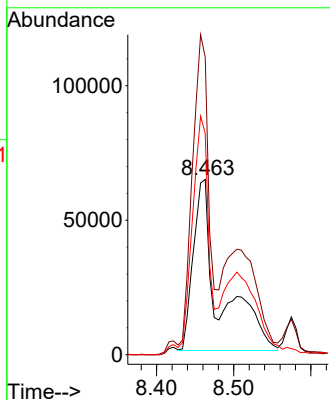
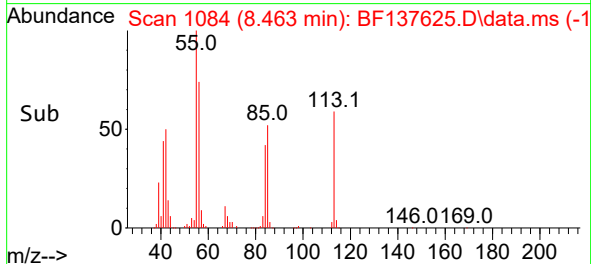
Instrument :
 BNA_F
 ClientSampleId :
 PB159612BSD



Tgt Ion:113 Resp: 15147
 Ion Ratio Lower Upper
 113 100
 55 169.8 176.7 216.7
 56 126.2 120.6 160.6

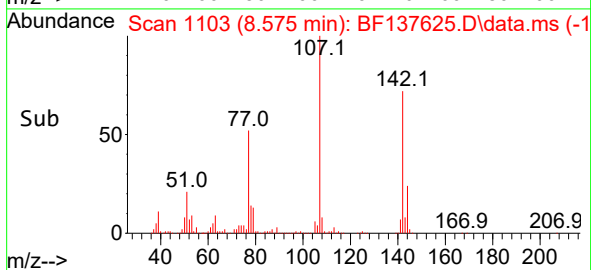
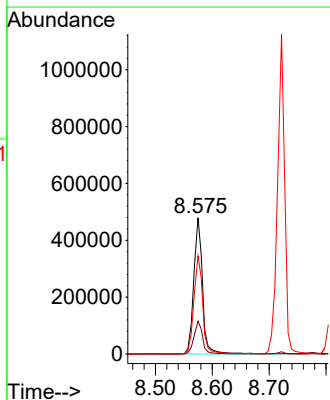
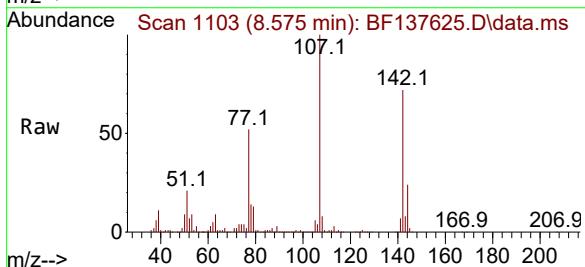
Manual Integrations
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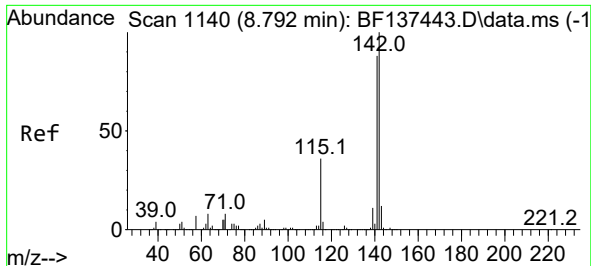
Reviewed By :Yogesh Patel 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024



#36
 4-Chloro-3-methylphenol
 Concen: 43.437 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF137625.D
 Acq: 18 Mar 2024 12:05

Tgt Ion:107 Resp: 517847
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.7 28.1
 142 72.1 58.2 87.2





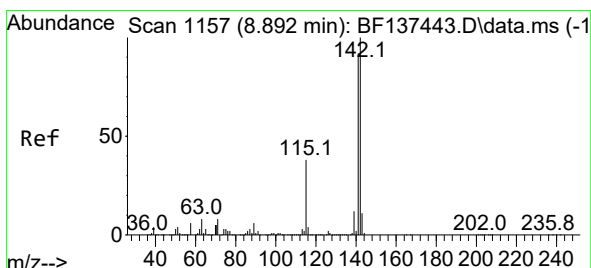
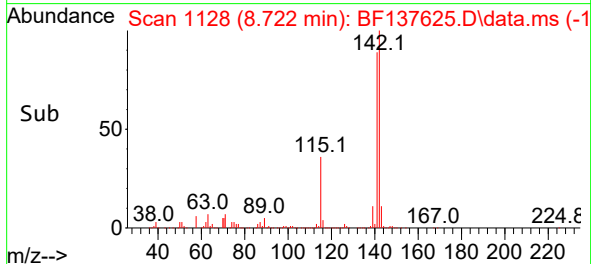
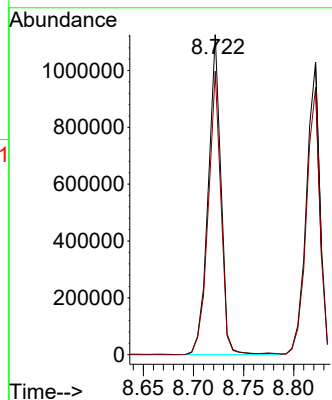
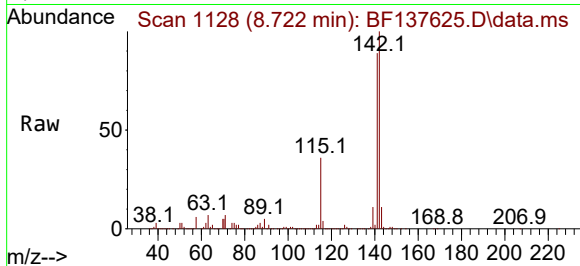
#37
2-Methylnaphthalene
Concen: 40.257 ng
RT: 8.722 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :
BNA_F
ClientSampleId :
PB159612BSD

Tgt Ion:142 Resp: 997700
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6

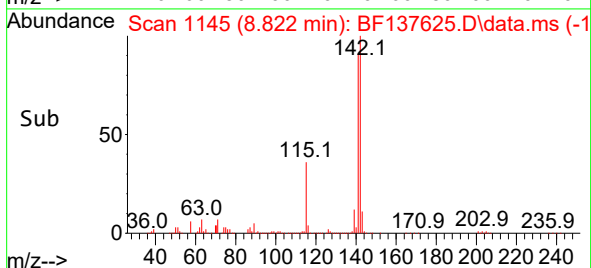
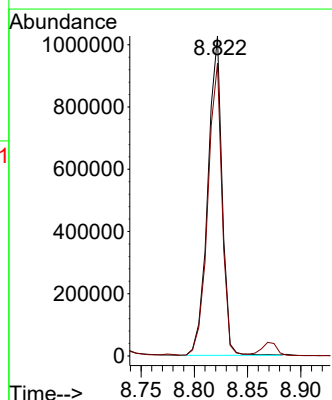
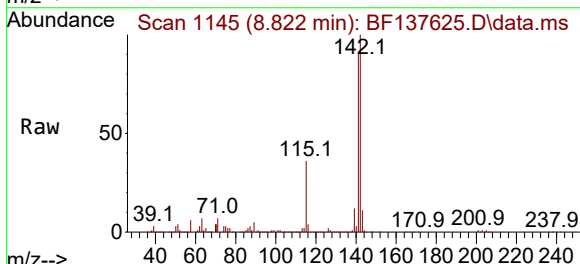
Manual Integrations
APPROVED

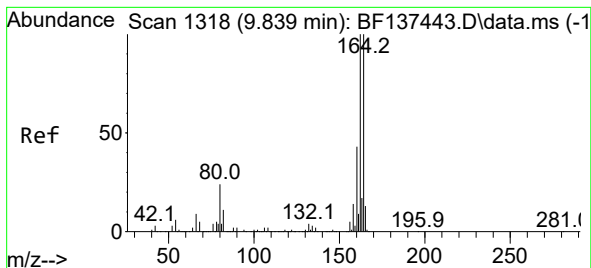
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#38
1-Methylnaphthalene
Concen: 41.073 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:142 Resp: 958617
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137625.D

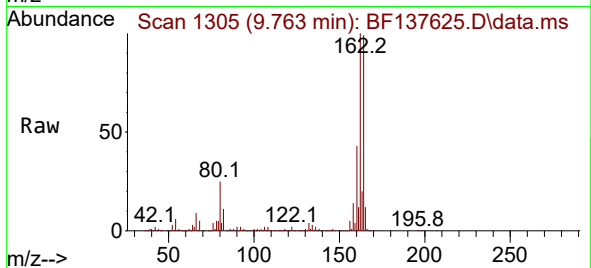
Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB159612BSD



Tgt Ion:164 Resp: 385832

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

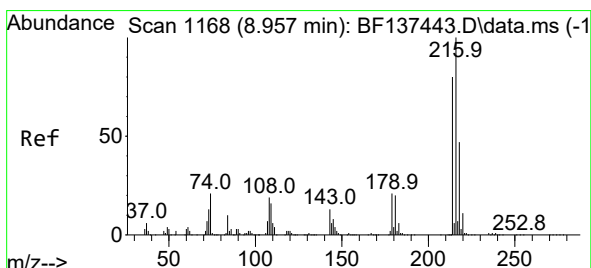
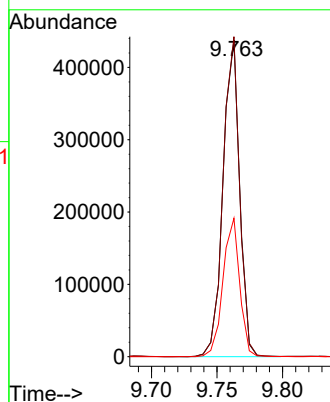
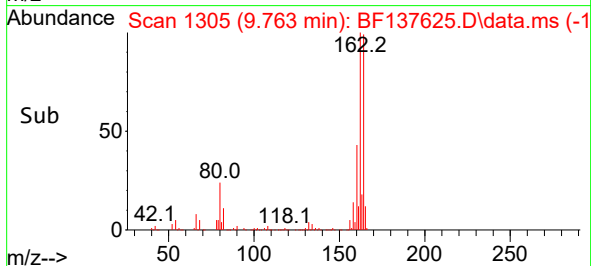
160 43.7 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.730 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

Tgt Ion:216 Resp: 503346

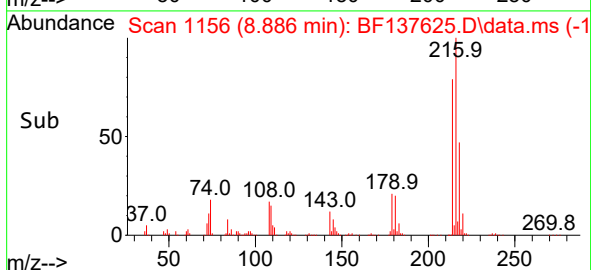
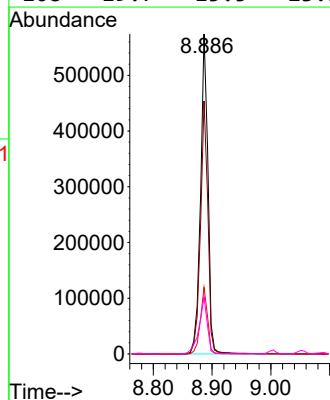
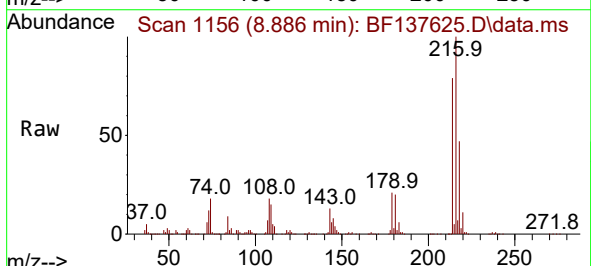
Ion Ratio Lower Upper

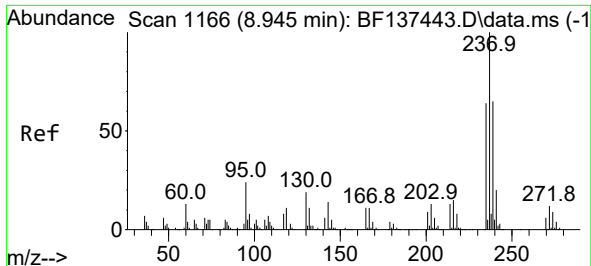
216 100

214 78.7 63.5 95.3

179 20.3 16.6 25.0

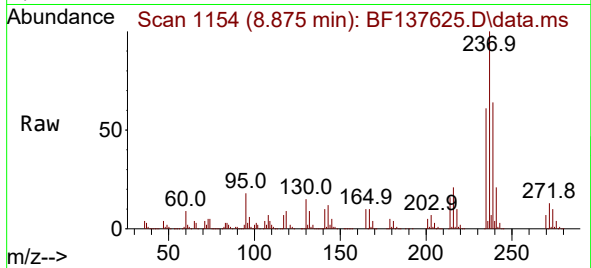
108 19.7 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 85.685 ng
RT: 8.875 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

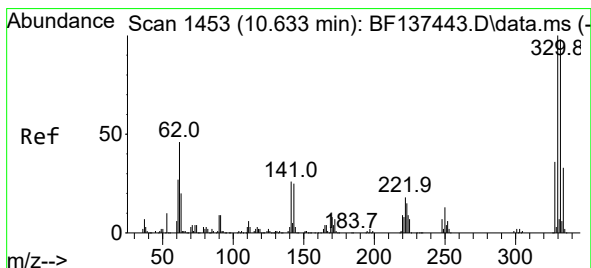
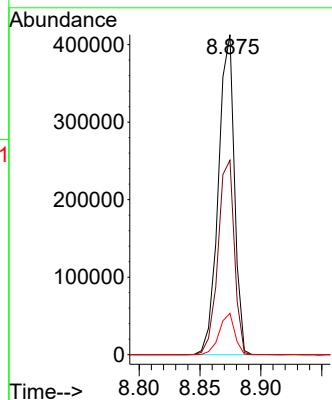
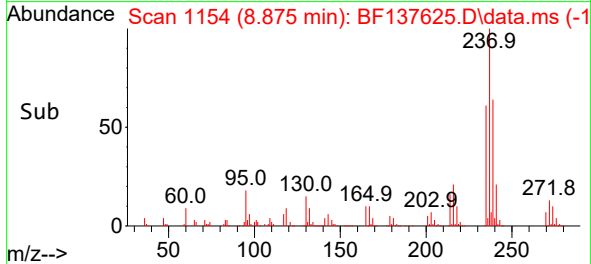
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



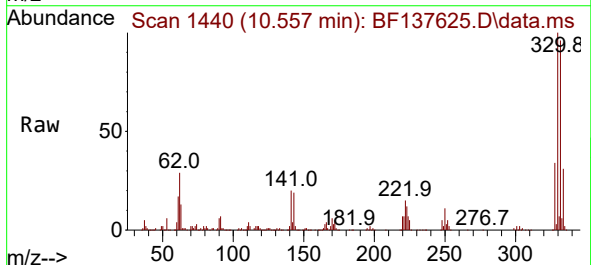
Tgt Ion: 237 Resp: 379529
Ion Ratio Lower Upper
237 100
235 60.7 43.6 83.6
272 12.9 0.0 31.9

Manual Integrations
APPROVED

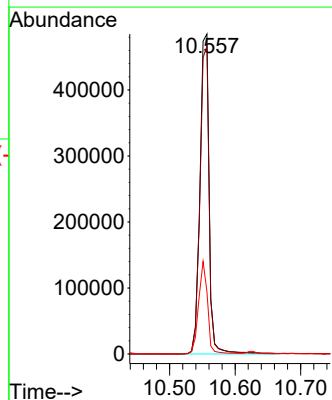
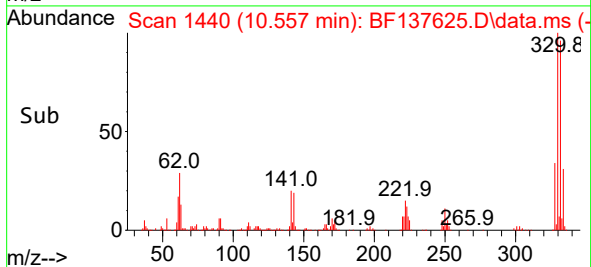
Reviewed By : Yogesh Patel 03/19/2024
Supervised By : mohammad ahmed 03/19/2024

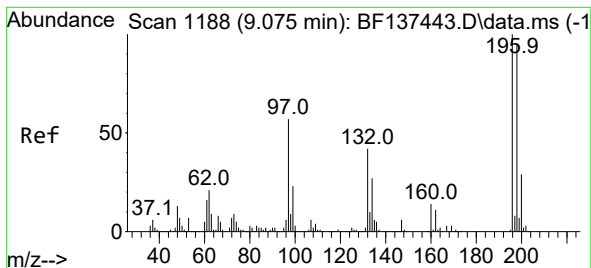


#42
2,4,6-Tribromophenol
Concen: 140.712 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



Tgt Ion: 330 Resp: 476771
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 28.0 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 45.523 ng

RT: 9.004 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB159612BSD

Tgt Ion:196 Resp: 319310

Ion Ratio Lower Upper

196 100

198 94.4 75.8 113.8

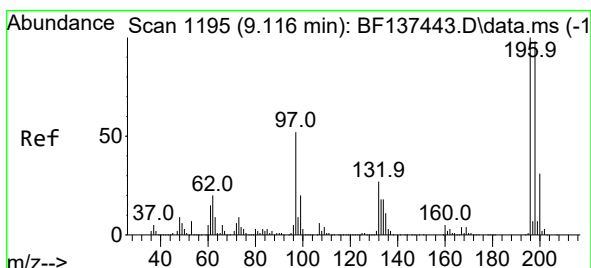
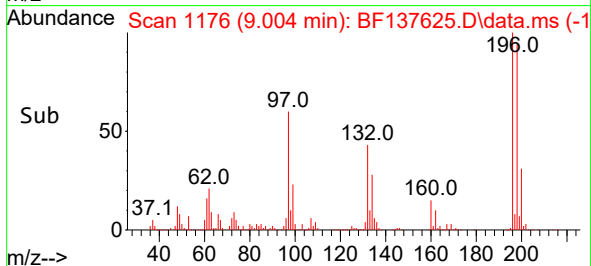
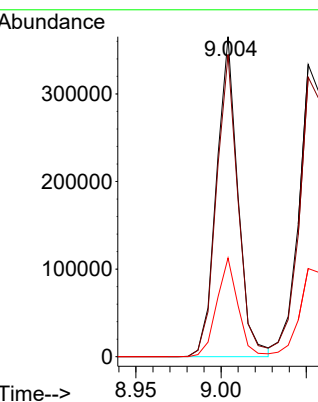
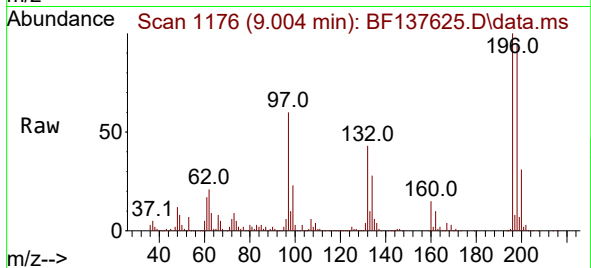
200 30.8 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



#44

2,4,5-Trichlorophenol

Concen: 43.195 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.012 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

Tgt Ion:196 Resp: 349025

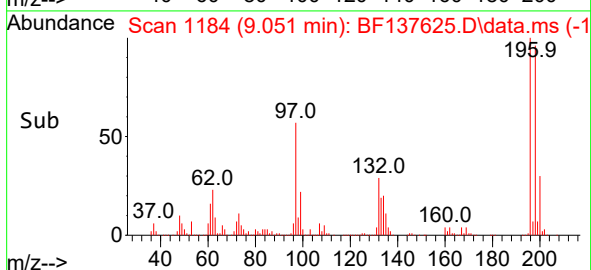
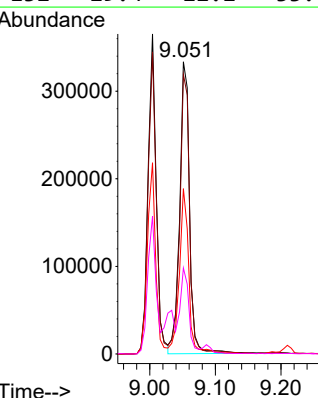
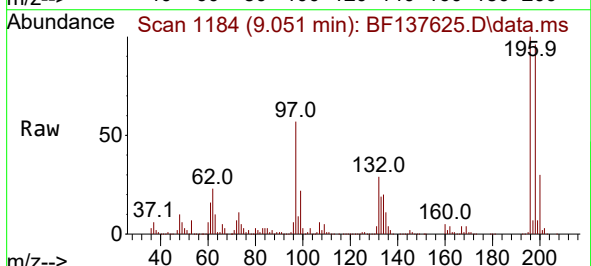
Ion Ratio Lower Upper

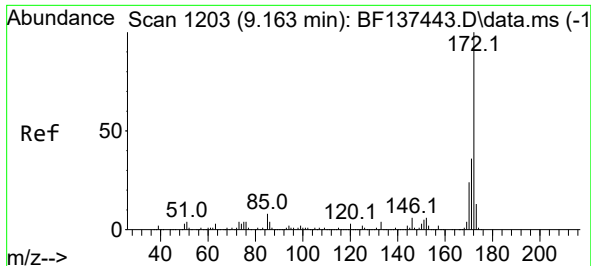
196 100

198 95.7 78.6 117.8

97 56.6 41.8 62.8

132 29.4 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 82.542 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

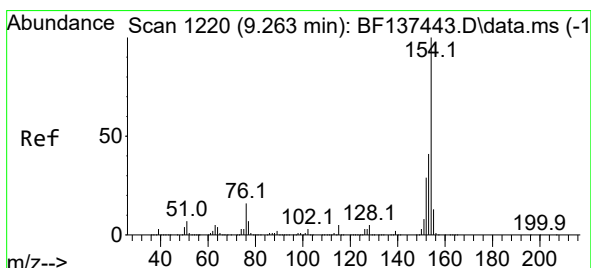
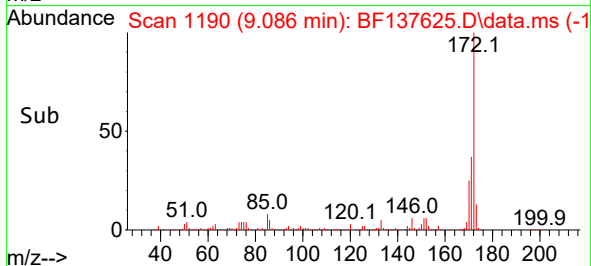
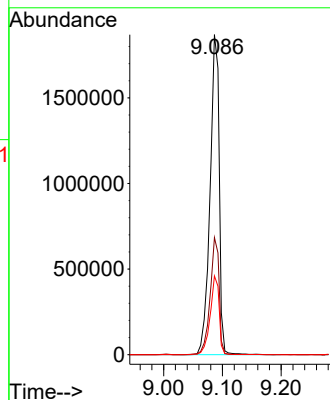
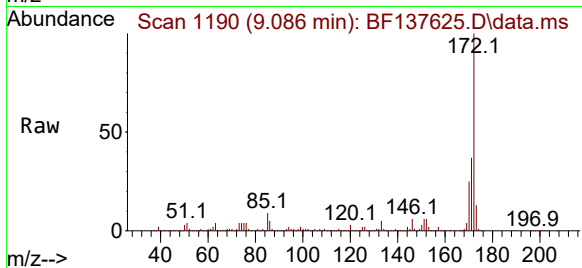
PB159612BSD

Tgt Ion:172 Resp: 203450
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.6 19.0 28.6

Manual Integrations

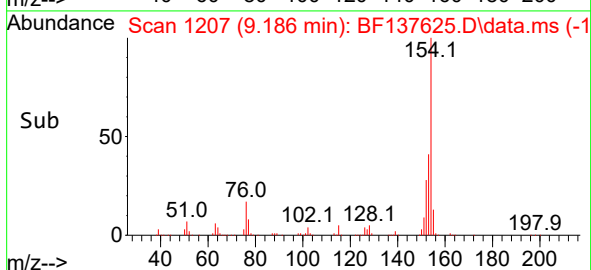
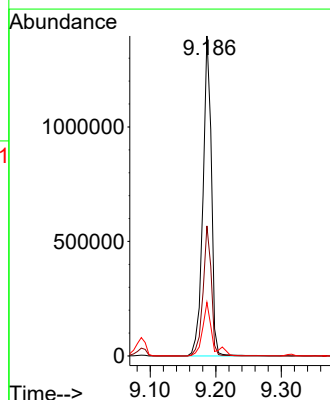
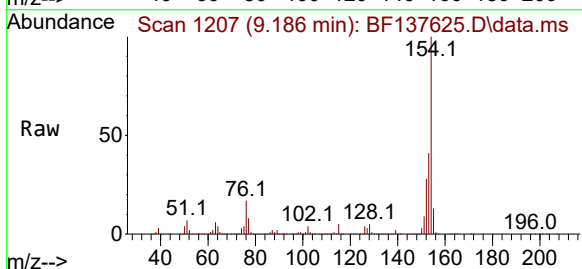
APPROVED

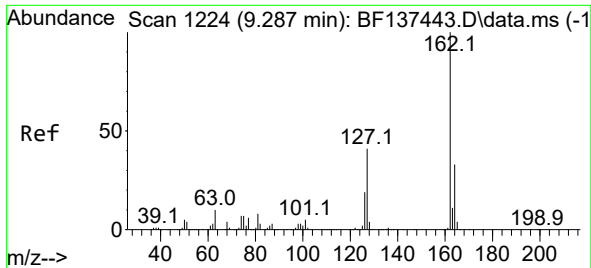
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#46
1,1'-Biphenyl
Concen: 44.447 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

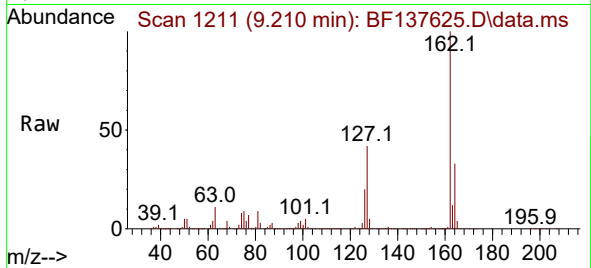
Tgt Ion:154 Resp: 1255148
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 16.7 0.0 35.8





#47
2-Chloronaphthalene
Concen: 45.824 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

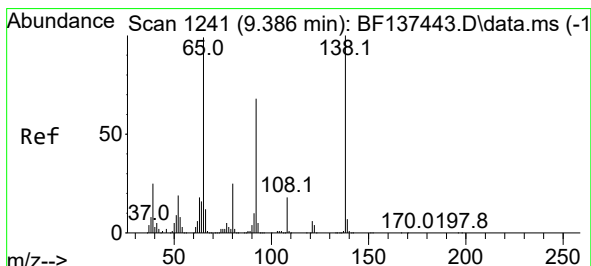
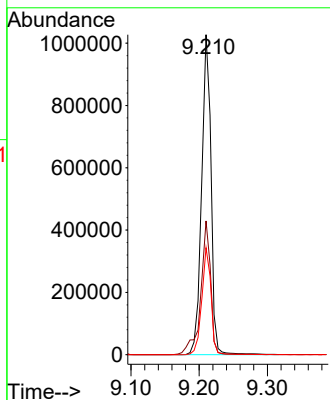
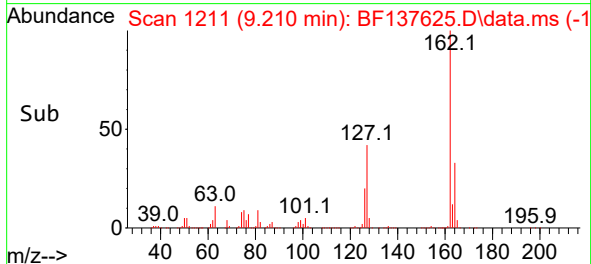
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion:162 Resp: 986609
Ion Ratio Lower Upper
162 100
127 41.8 32.6 49.0
164 33.5 26.5 39.7

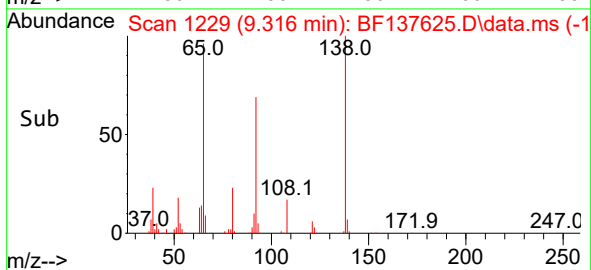
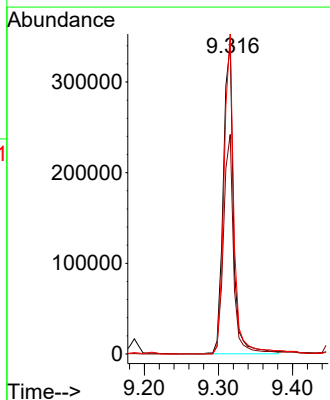
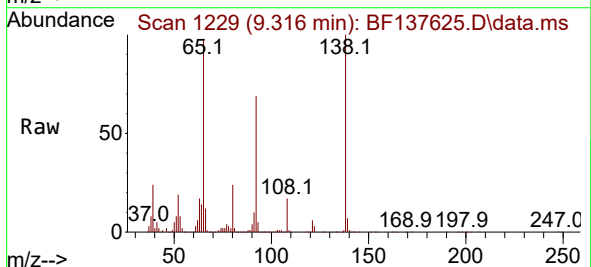
Manual Integrations
APPROVED

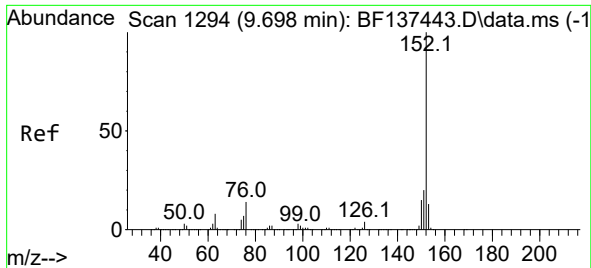
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#48
2-Nitroaniline
Concen: 45.143 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

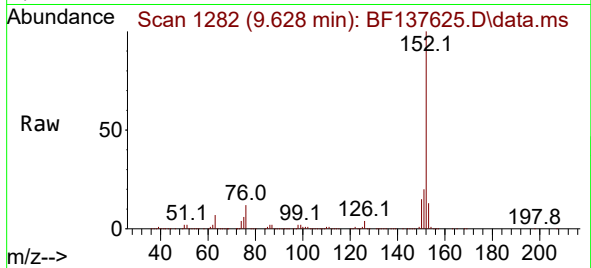
Tgt Ion: 65 Resp: 330352
Ion Ratio Lower Upper
65 100
92 70.9 55.4 83.2
138 103.4 81.0 121.6





#49
Acenaphthylene
Concen: 44.906 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

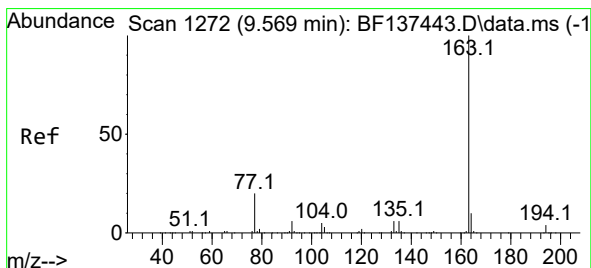
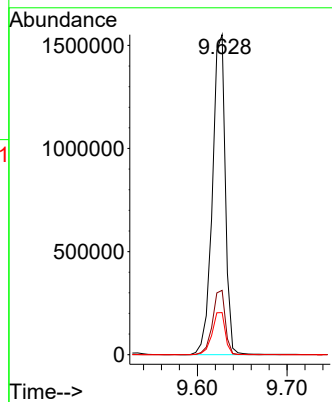
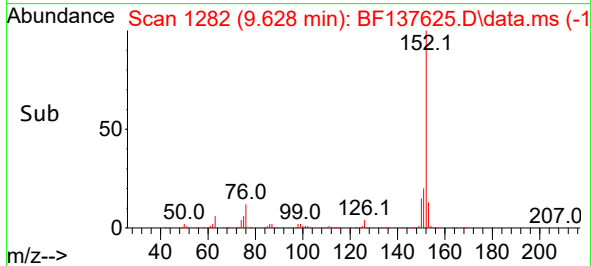
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



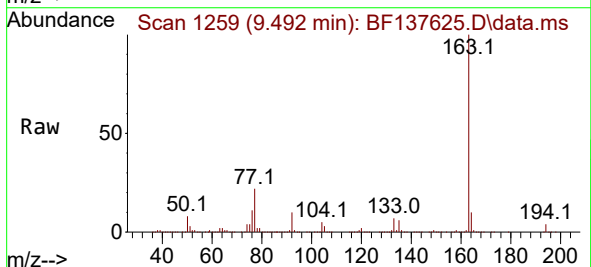
Tgt Ion:152 Resp: 1547278
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.2 10.8 16.2

Manual Integrations
APPROVED

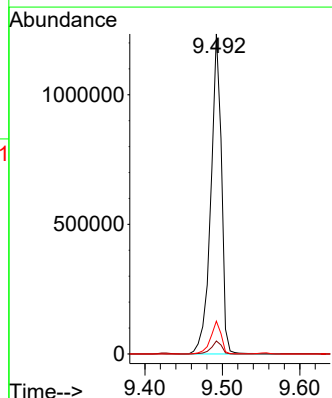
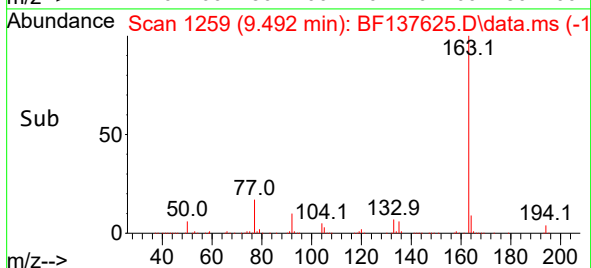
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

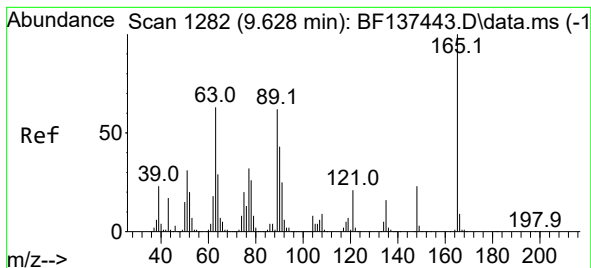


#50
Dimethylphthalate
Concen: 43.757 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



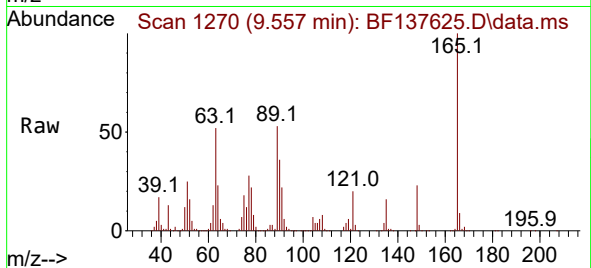
Tgt Ion:163 Resp: 1175231
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.072 ng
RT: 9.557 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

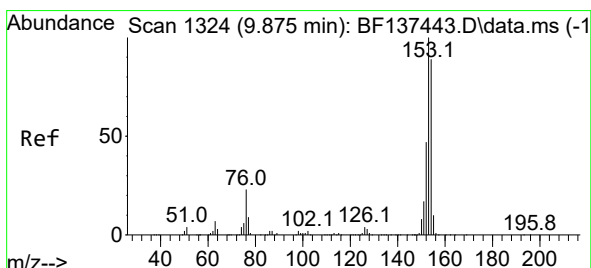
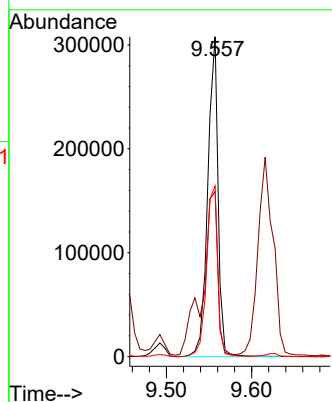
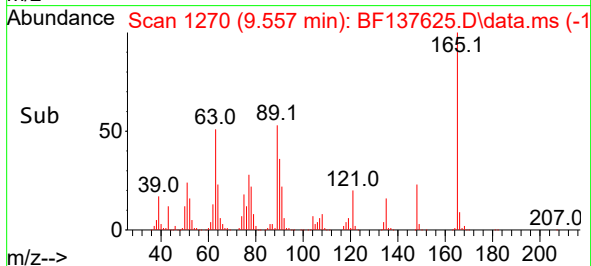
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion:165 Resp: 258819
Ion Ratio Lower Upper
165 100
63 51.6 50.7 76.1
89 53.3 50.0 75.0

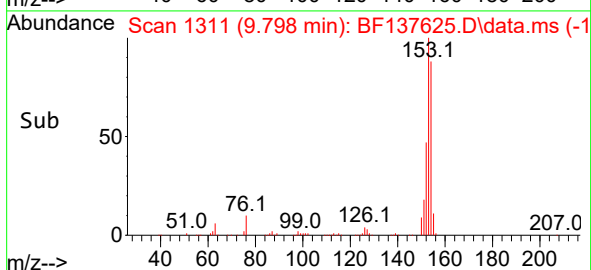
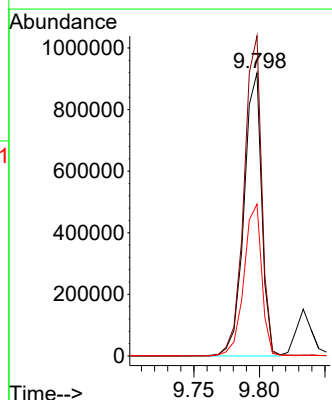
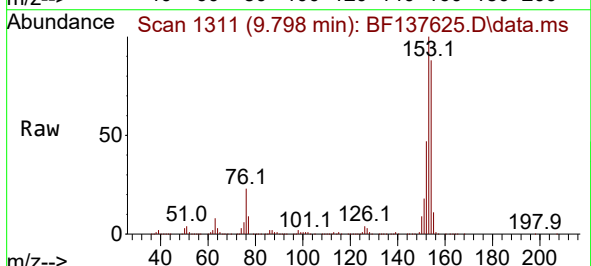
Manual Integrations
APPROVED

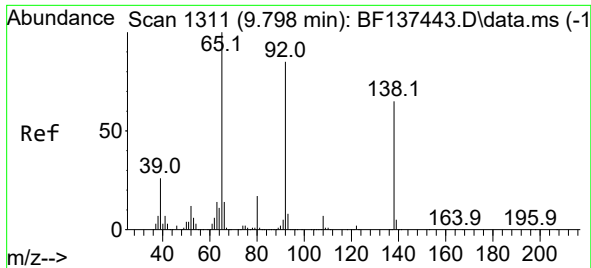
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#52
Acenaphthene
Concen: 41.906 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:154 Resp: 862018
Ion Ratio Lower Upper
154 100
153 113.1 90.3 135.5
152 53.7 42.7 64.1





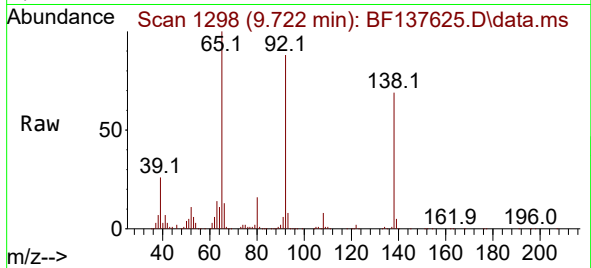
#53
3-Nitroaniline
Concen: 27.063 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB159612BSD



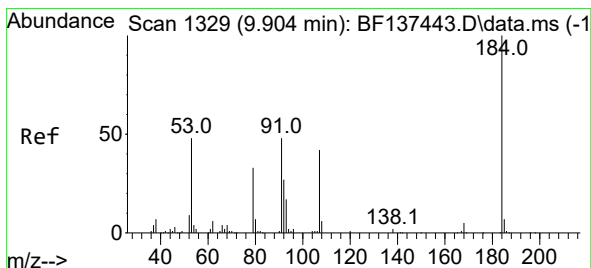
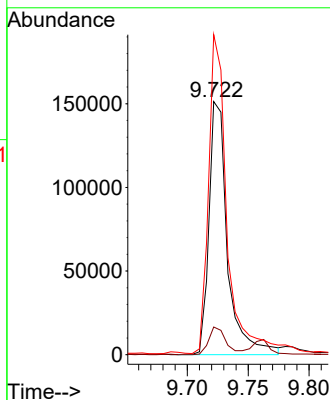
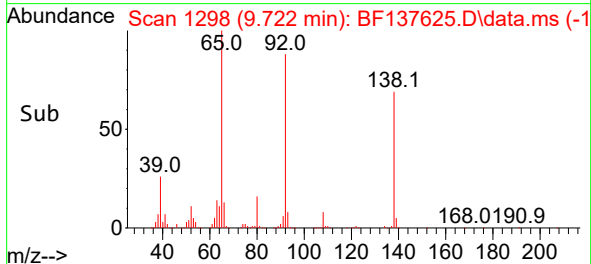
Tgt Ion:138 Resp: 160808
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 126.4 104.6 157.0

Manual Integrations

APPROVED

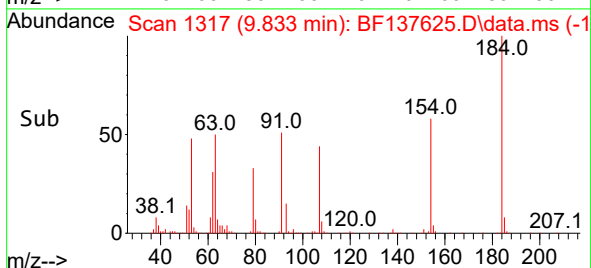
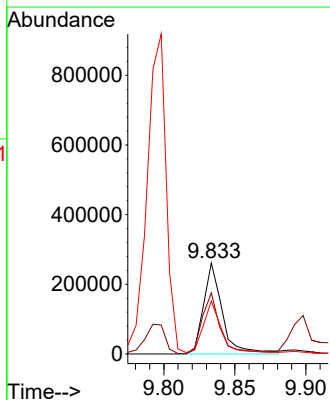
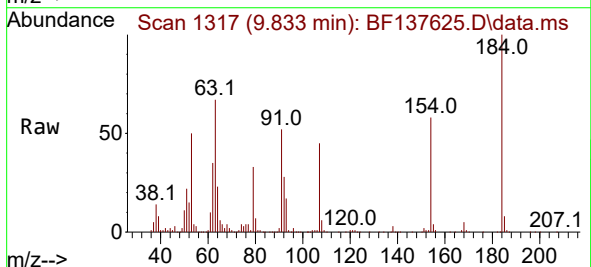
Reviewed By :Yogesh Patel 03/19/2024

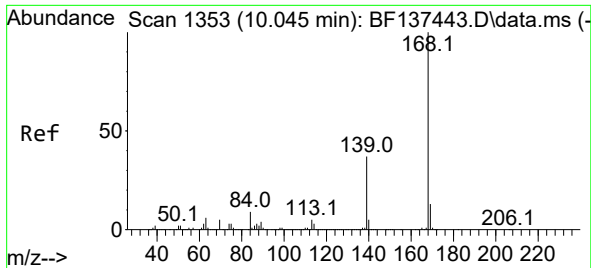
Supervised By :mohammad ahmed 03/19/2024



#54
2,4-Dinitrophenol
Concen: 87.113 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:184 Resp: 240925
Ion Ratio Lower Upper
184 100
63 67.0 53.3 79.9
154 58.2 47.4 71.0





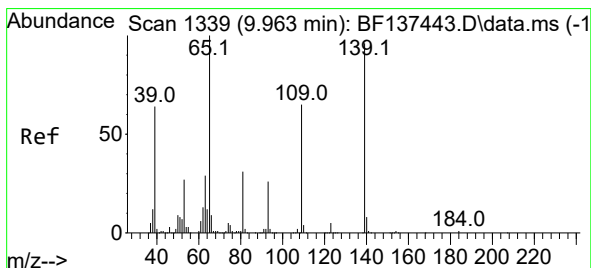
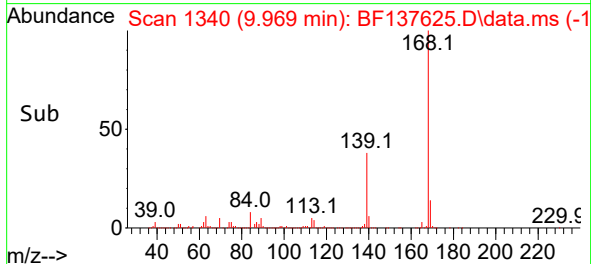
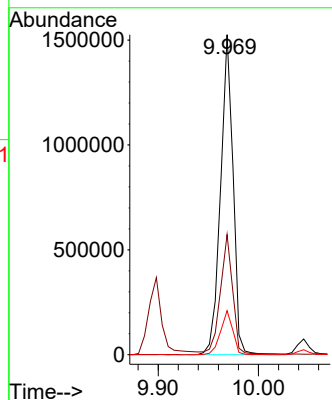
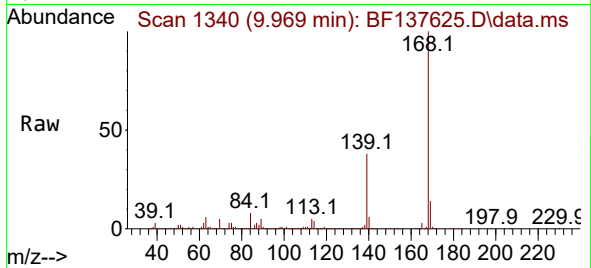
#55
Dibenzenofuran
Concen: 41.935 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :
BNA_F
ClientSampleId :
PB159612BSD

Tgt Ion:168 Resp: 131385
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.7 10.8 16.2

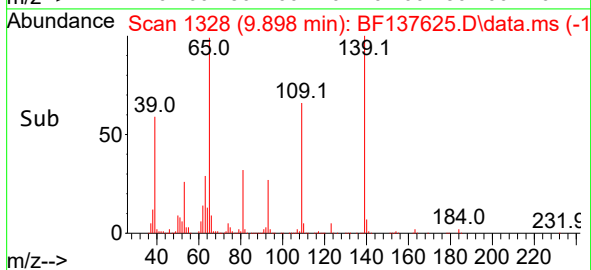
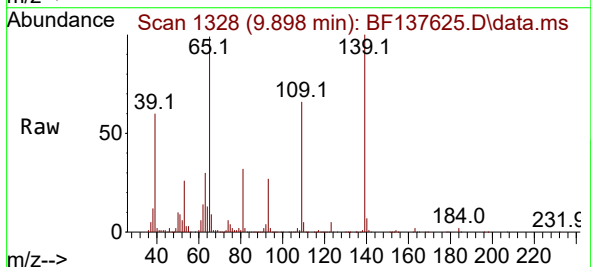
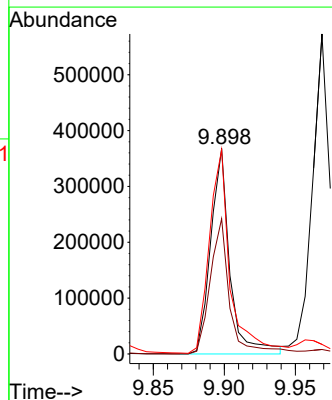
Manual Integrations
APPROVED

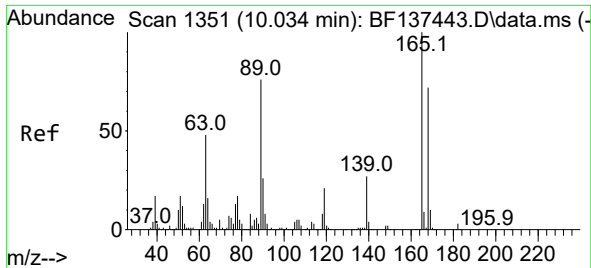
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#56
4-Nitrophenol
Concen: 81.812 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:139 Resp: 346317
Ion Ratio Lower Upper
139 100
109 65.8 47.1 87.1
65 99.5 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 47.042 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

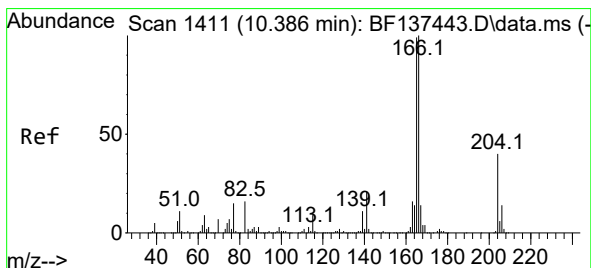
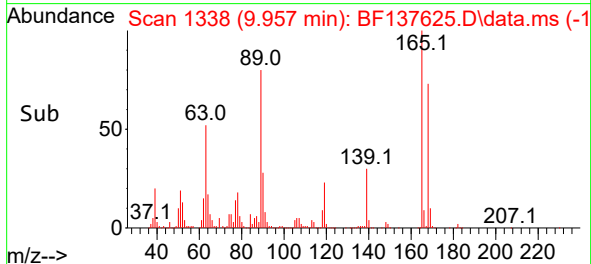
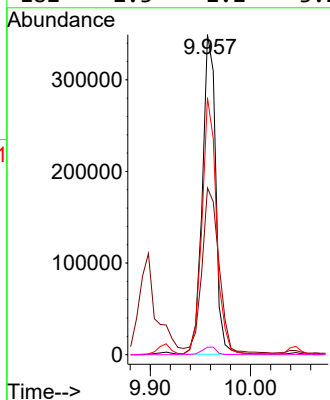
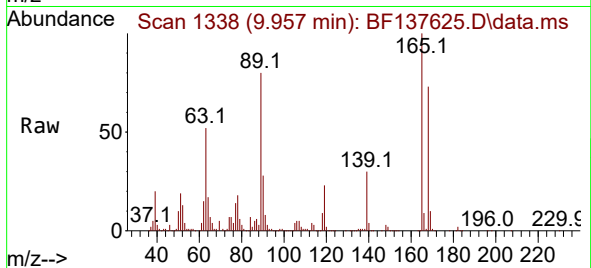
PB159612BSD

Tgt Ion:165 Resp: 324670
Ion Ratio Lower Upper
165 100
63 52.1 39.0 58.6
89 80.3 60.9 91.3
182 2.3 2.2 3.2

Manual Integrations

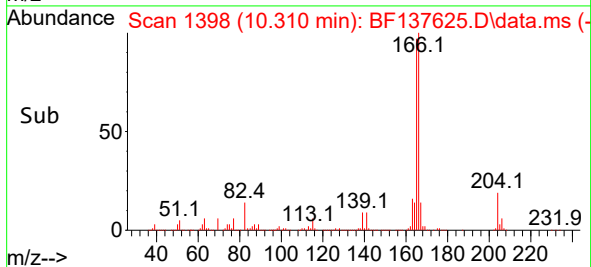
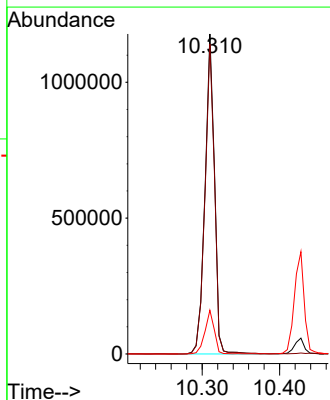
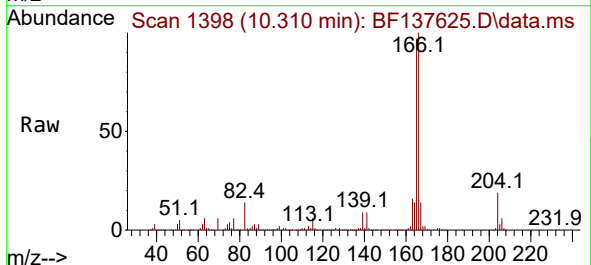
APPROVED

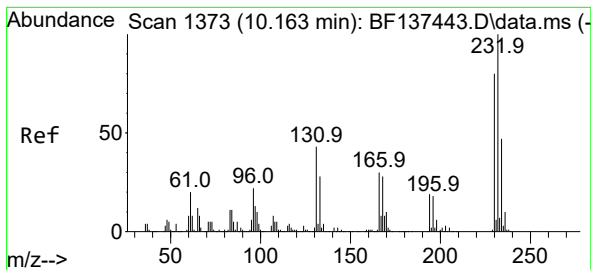
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#58
Fluorene
Concen: 41.588 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

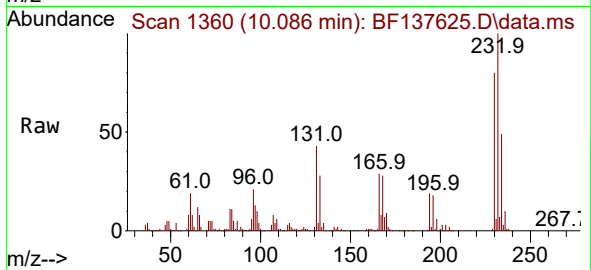
Tgt Ion:166 Resp: 1000667
Ion Ratio Lower Upper
166 100
165 96.9 79.2 118.8
167 13.7 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.111 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

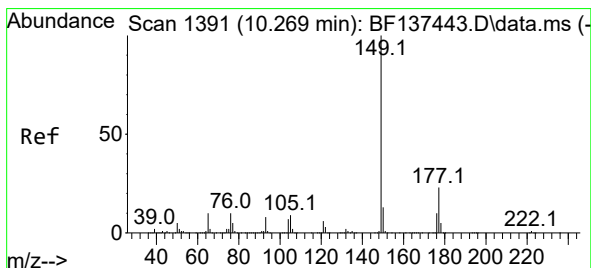
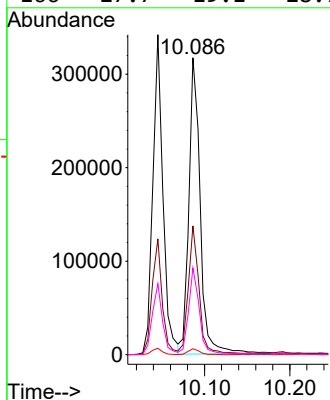
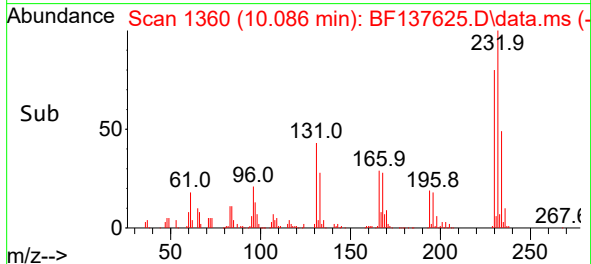
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion:232 Resp: 29230
Ion Ratio Lower Upper
232 100
131 40.5 31.2 46.8
130 2.0 1.8 2.6
166 27.7 19.1 28.7

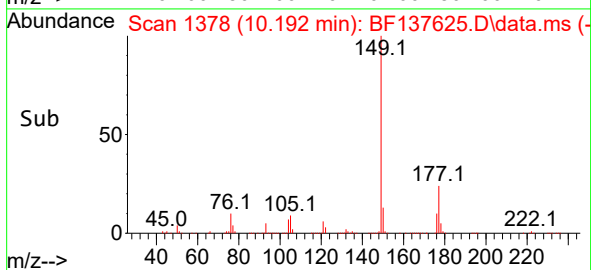
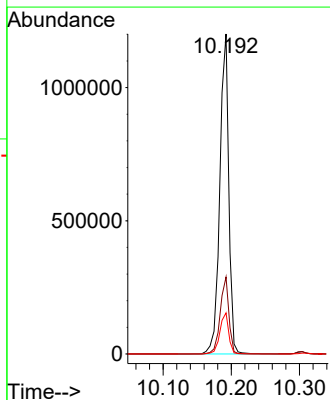
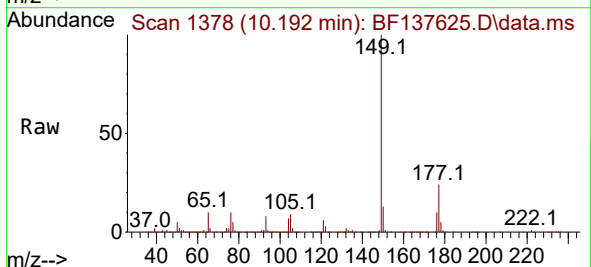
Manual Integrations
APPROVED

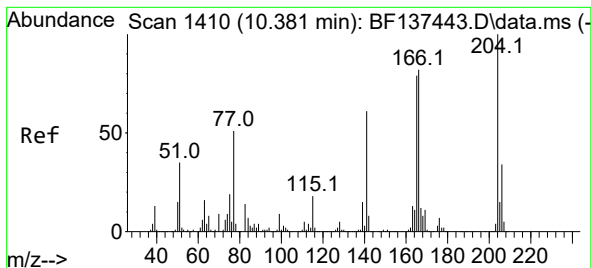
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#60
Diethylphthalate
Concen: 43.303 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

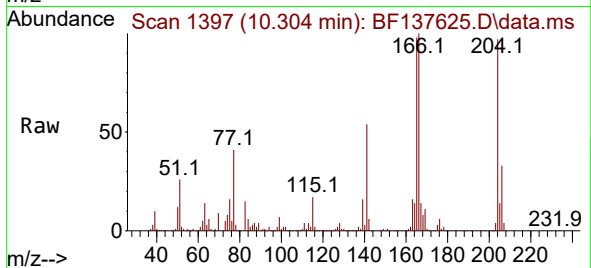
Tgt Ion:149 Resp: 1098294
Ion Ratio Lower Upper
149 100
177 24.1 18.7 28.1
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.246 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

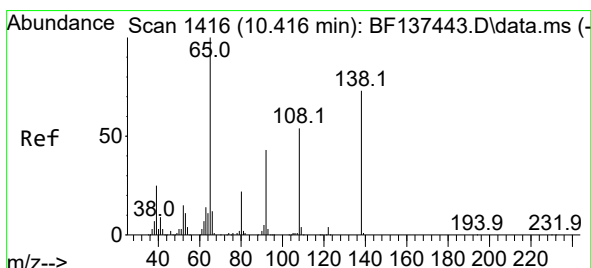
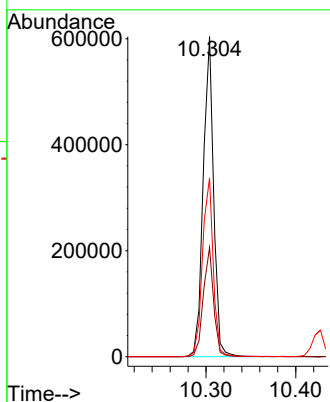
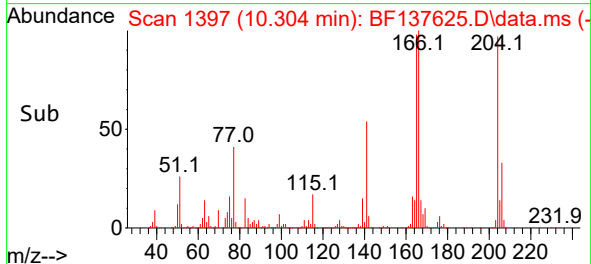
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



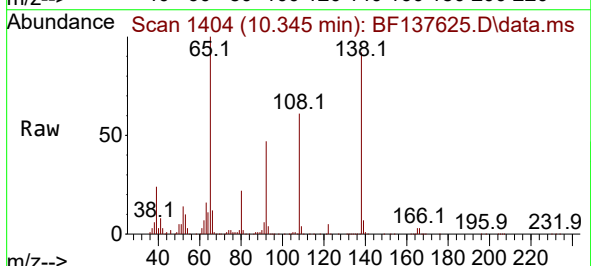
Tgt Ion:204 Resp: 486370
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.0
141 55.8 48.4 72.6

Manual Integrations
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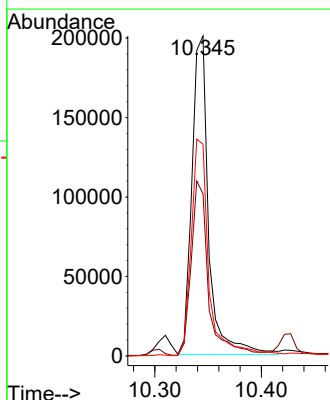
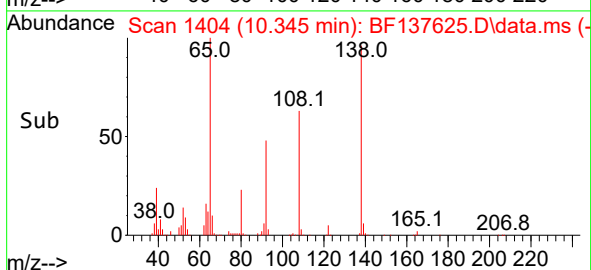
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

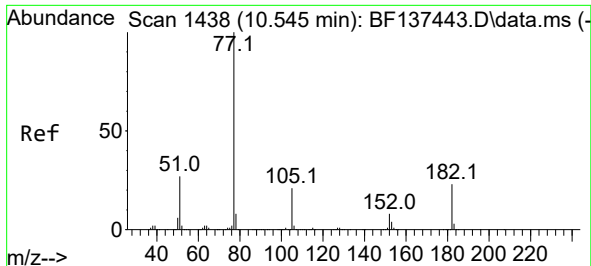


#62
4-Nitroaniline
Concen: 42.967 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



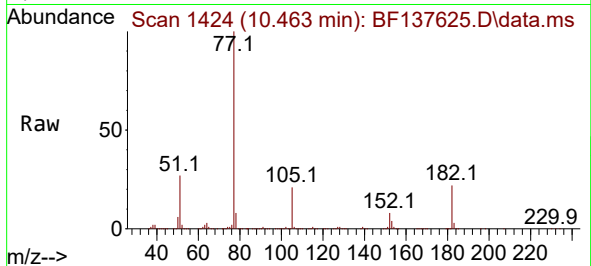
Tgt Ion:138 Resp: 219435
Ion Ratio Lower Upper
138 100
92 50.7 37.9 77.9
108 66.2 53.2 93.2





#63
Azobenzene
Concen: 41.093 ng
RT: 10.463 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

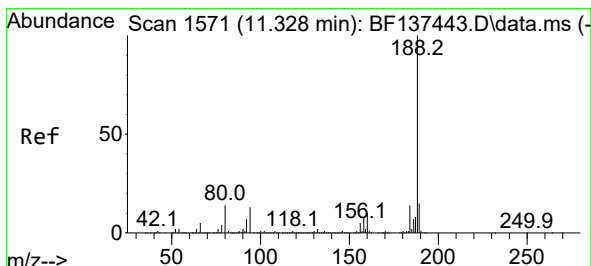
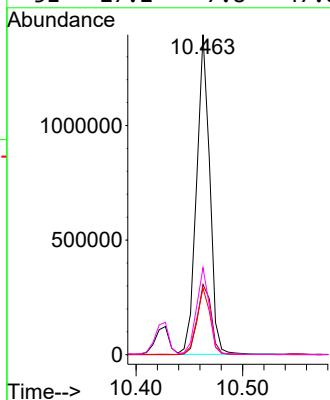
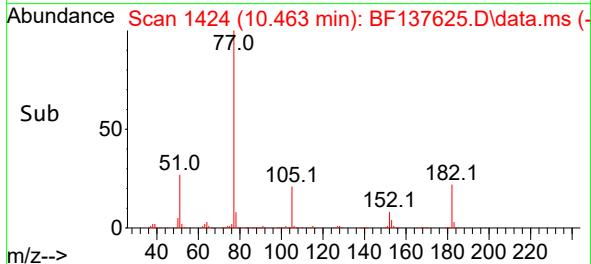
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion: 77 Resp: 1200149
Ion Ratio Lower Upper
77 100
182 21.9 3.2 43.2
105 20.7 1.2 41.2
51 27.2 7.8 47.8

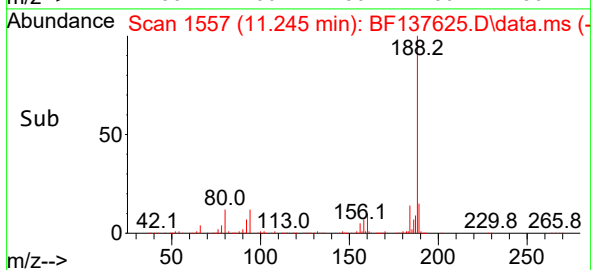
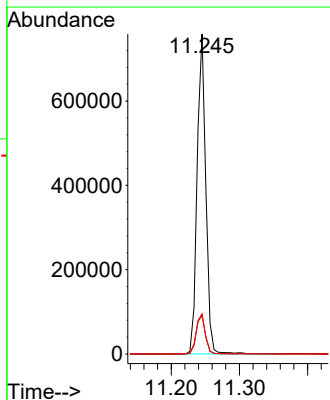
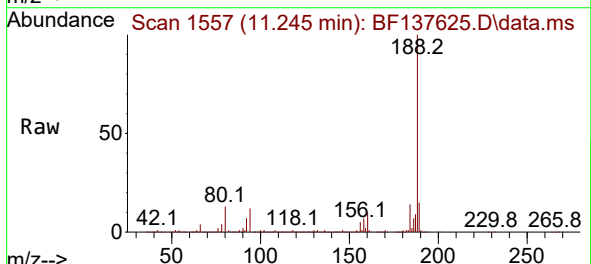
Manual Integrations
APPROVED

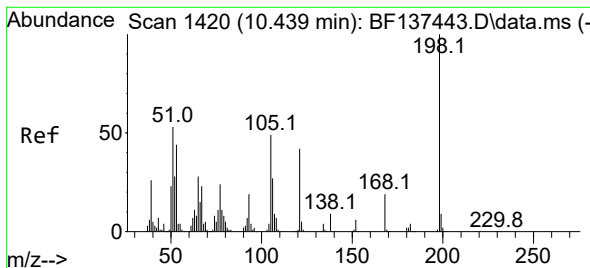
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:188 Resp: 671426
Ion Ratio Lower Upper
188 100
94 12.0 10.6 15.8
80 12.5 11.5 17.3





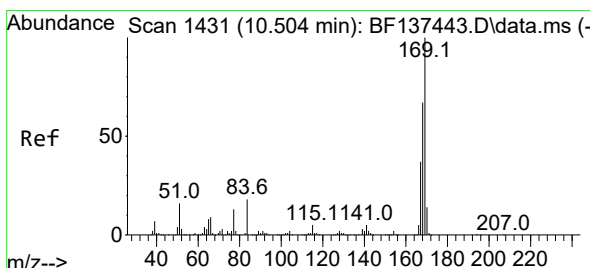
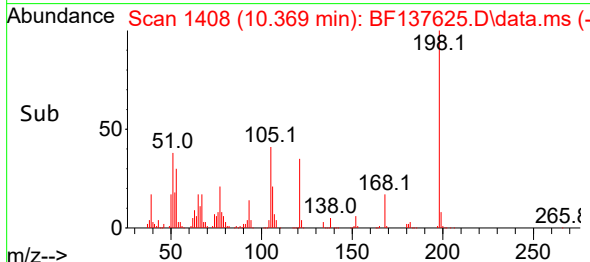
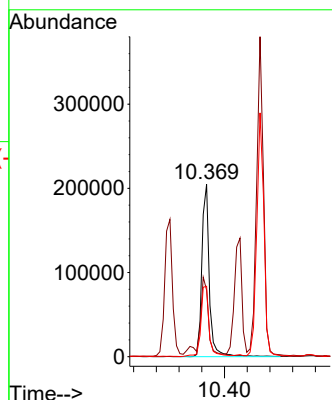
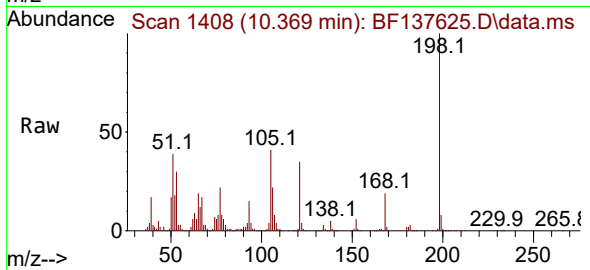
#65
4,6-Dinitro-2-methylphenol
Concen: 50.190 ng
RT: 10.369 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :
BNA_F
ClientSampleId :
PB159612BSD

Tgt Ion:198 Resp: 187819
Ion Ratio Lower Upper
198 100
51 38.7 37.2 77.2
105 40.9 29.2 69.2

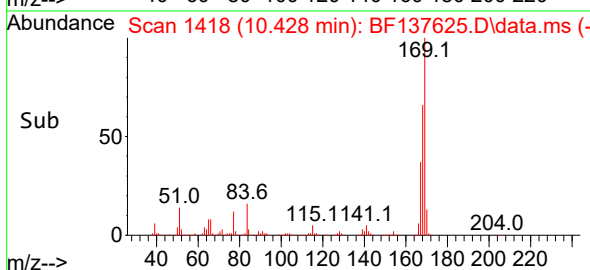
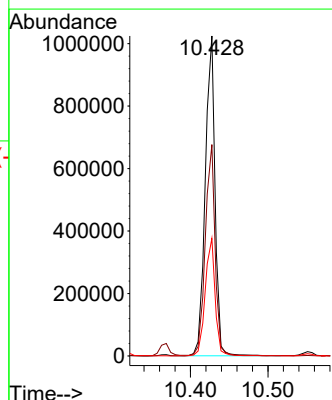
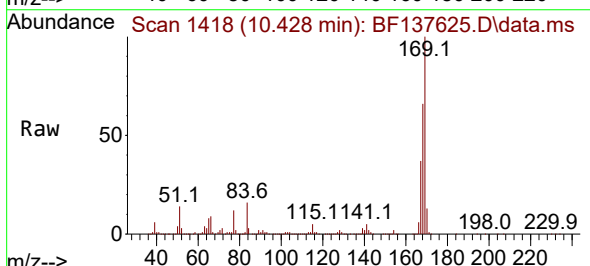
Manual Integrations
APPROVED

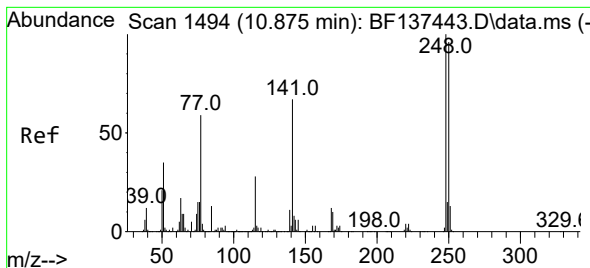
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#66
n-Nitrosodiphenylamine
Concen: 41.582 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

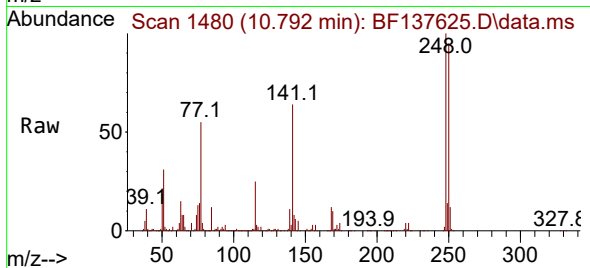
Tgt Ion:169 Resp: 899037
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.079 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

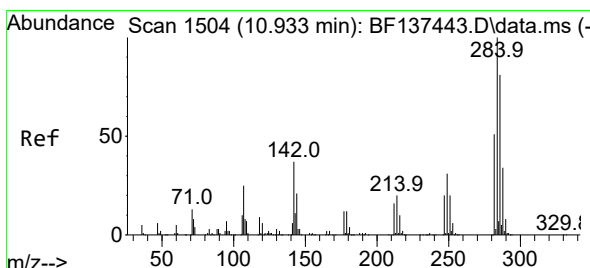
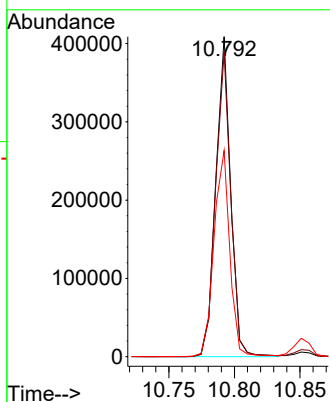
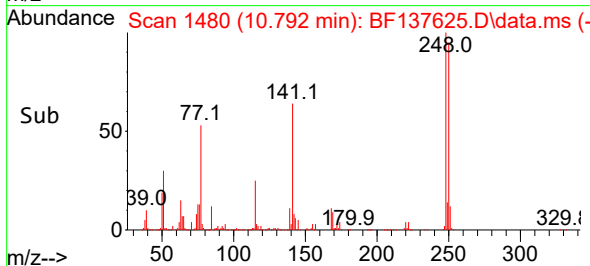
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



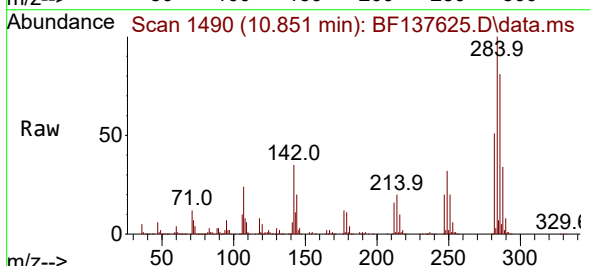
Tgt Ion:248 Resp: 322354
Ion Ratio Lower Upper
248 100
250 95.2 76.8 115.2
141 64.4 53.4 80.0

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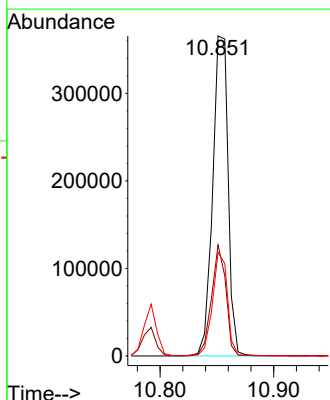
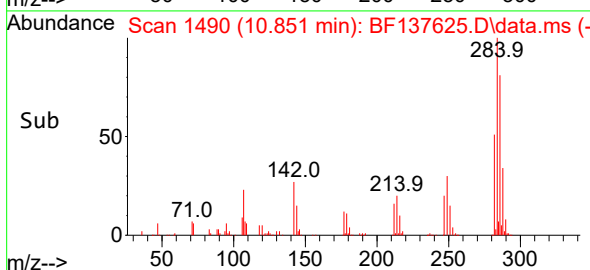
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

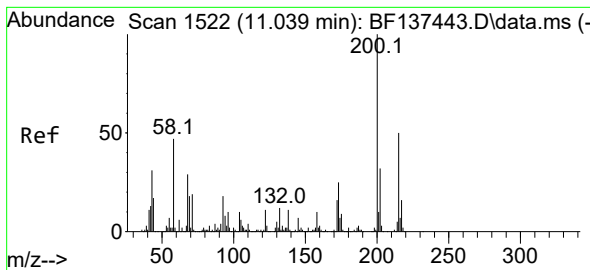


#68
Hexachlorobenzene
Concen: 46.896 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



Tgt Ion:284 Resp: 346385
Ion Ratio Lower Upper
284 100
142 34.7 29.4 44.0
249 32.4 25.0 37.4





#69

Atrazine

Concen: 40.876 ng

RT: 10.957 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB159612BSD

Tgt Ion:200 Resp: 26866

Ion Ratio Lower Upper

200 100

173 26.3 5.1 45.1

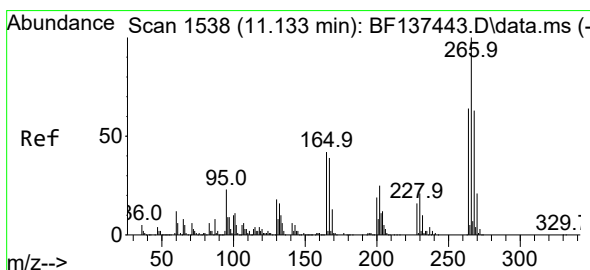
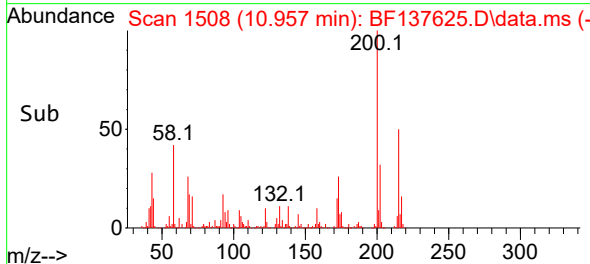
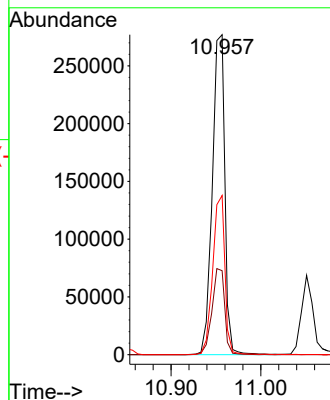
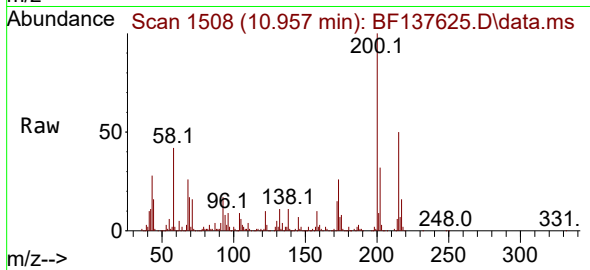
215 49.8 30.4 70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



#70

Pentachlorophenol

Concen: 82.279 ng

RT: 11.051 min Scan# 1524

Delta R.T. 0.006 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

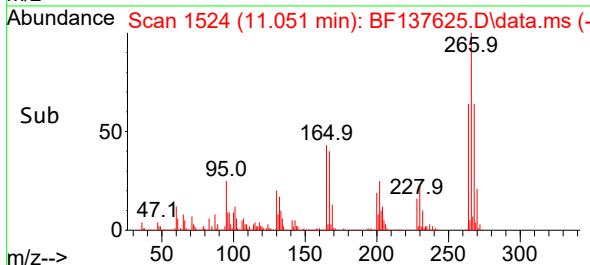
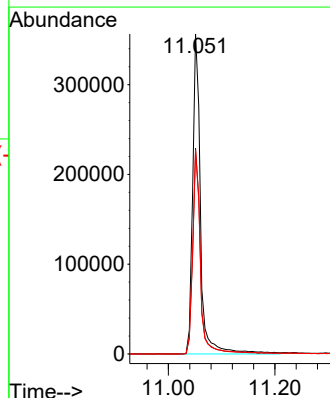
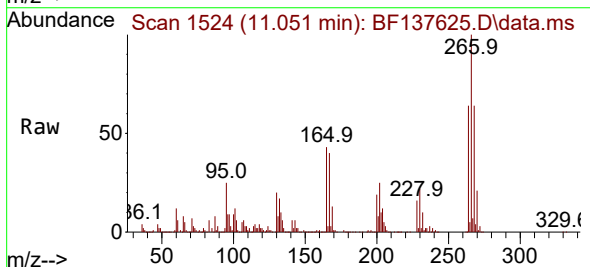
Tgt Ion:266 Resp: 367389

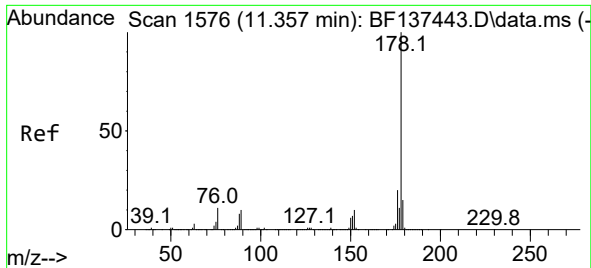
Ion Ratio Lower Upper

266 100

268 64.3 50.2 75.2

264 63.6 50.9 76.3





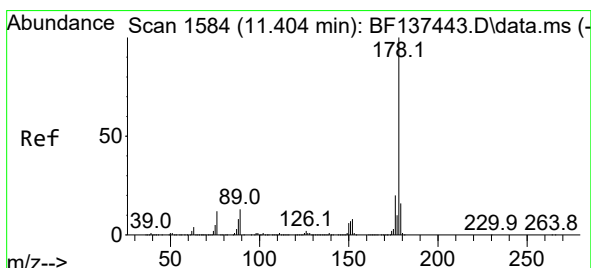
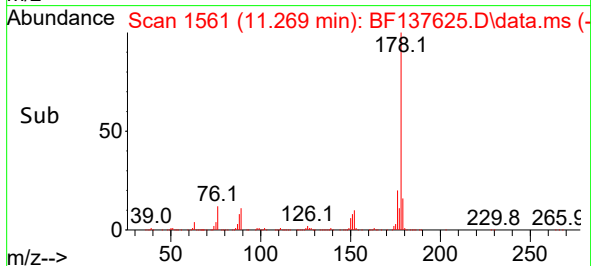
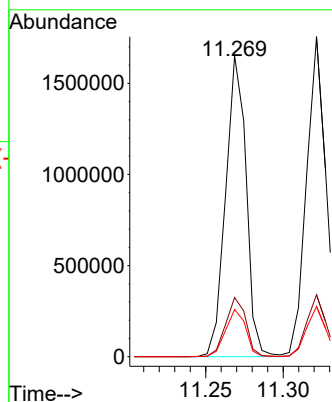
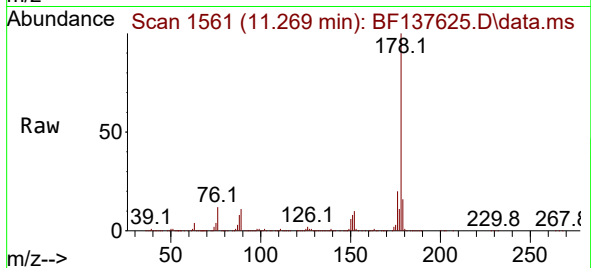
#71
Phenanthrene
Concen: 41.672 ng
RT: 11.269 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :
BNA_F
ClientSampleId :
PB159612BSD

Tgt Ion:178 Resp: 1522718
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.7 12.2 18.2

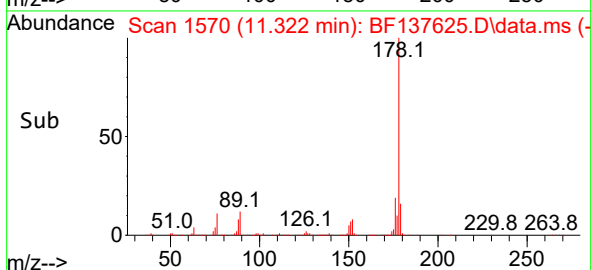
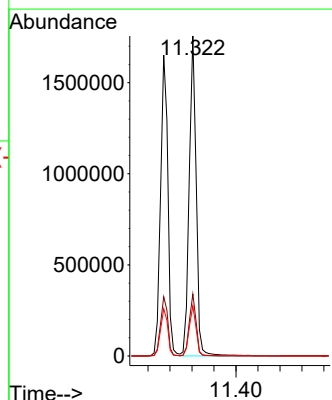
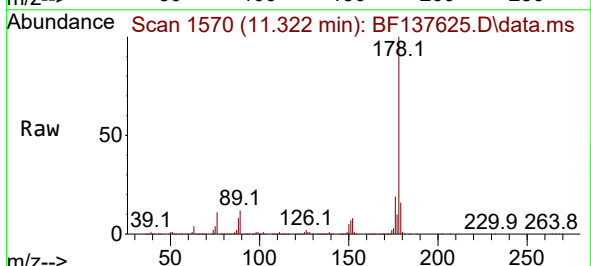
Manual Integrations
APPROVED

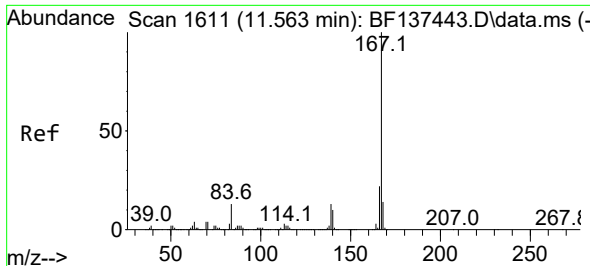
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#72
Anthracene
Concen: 41.426 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

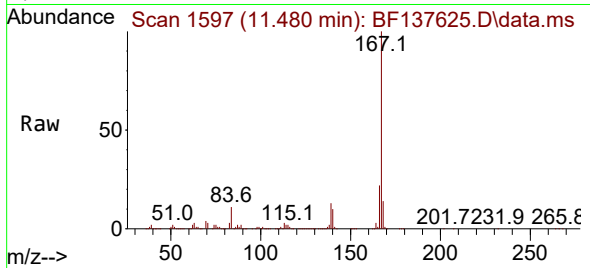
Tgt Ion:178 Resp: 1554683
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.7 12.7 19.1





#73
 Carbazole
 Concen: 43.150 ng
 RT: 11.480 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF137625.D
 Acq: 18 Mar 2024 12:05

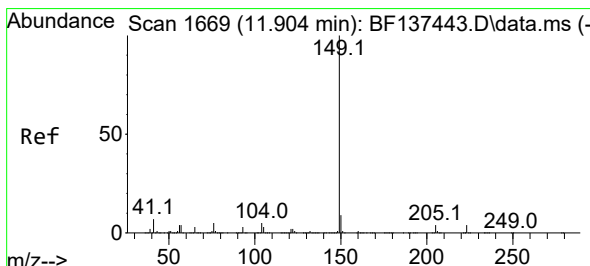
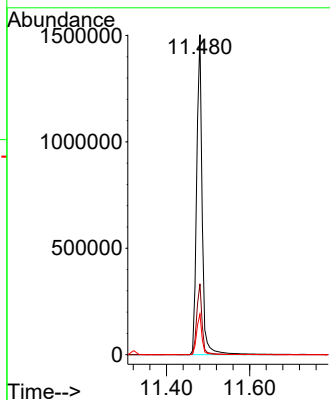
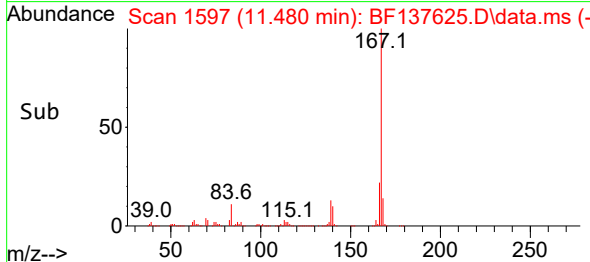
Instrument :
 BNA_F
 ClientSampleId :
 PB159612BSD



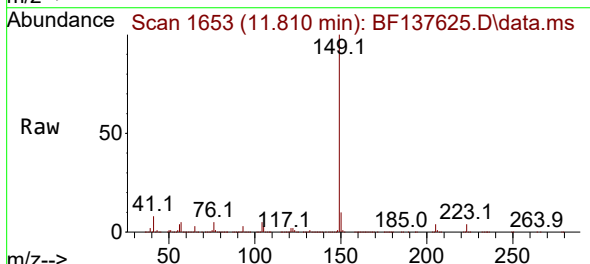
Tgt Ion:167 Resp: 1387114
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 12.7 10.5 15.7

Manual Integrations
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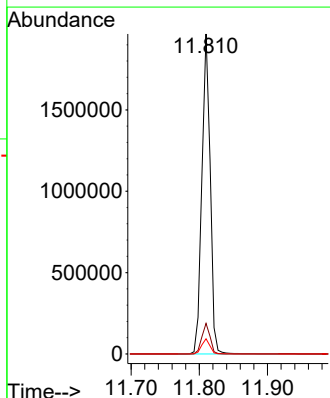
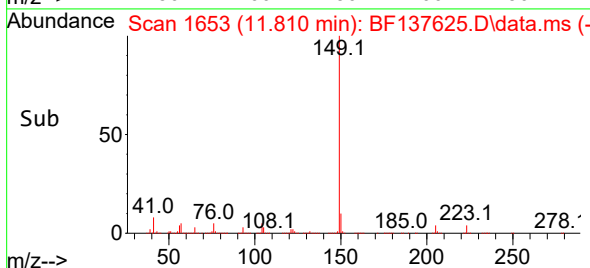
Reviewed By :Yogesh Patel 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024

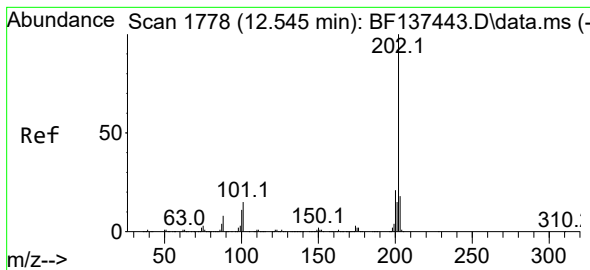


#74
 Di-n-butylphthalate
 Concen: 43.797 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. -0.000 min
 Lab File: BF137625.D
 Acq: 18 Mar 2024 12:05



Tgt Ion:149 Resp: 1675083
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 4.8 3.8 5.6





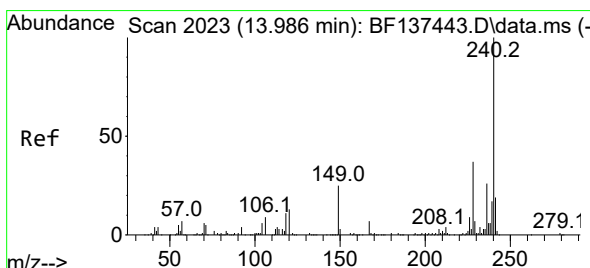
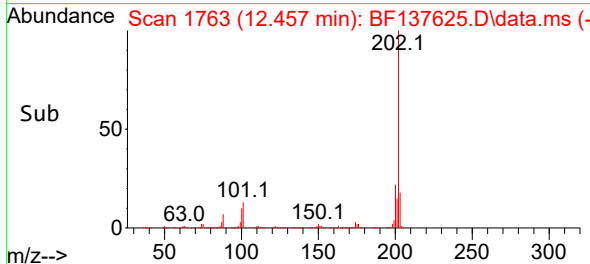
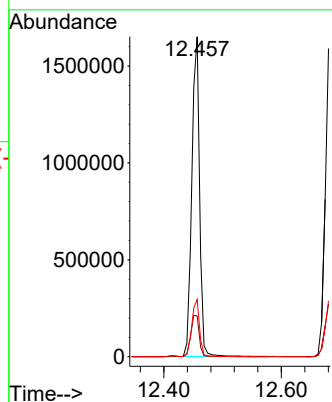
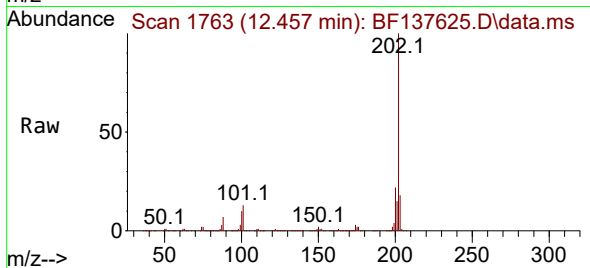
#75
Fluoranthene
Concen: 42.426 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Instrument :
BNA_F
ClientSampleId :
PB159612BSD

Tgt Ion:202 Resp: 151533
Ion Ratio Lower Upper
202 100
101 12.7 0.0 35.0
203 17.9 0.0 37.7

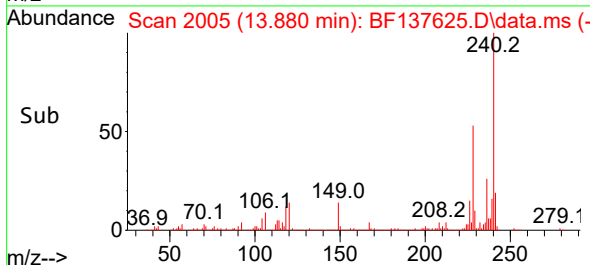
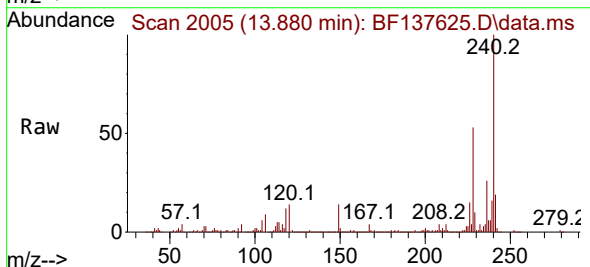
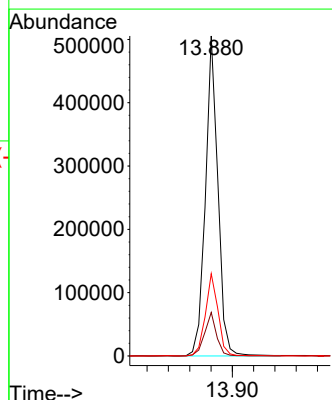
Manual Integrations
APPROVED

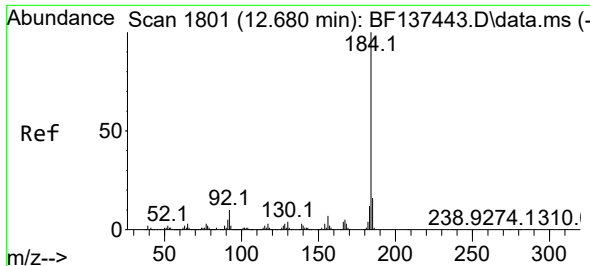
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

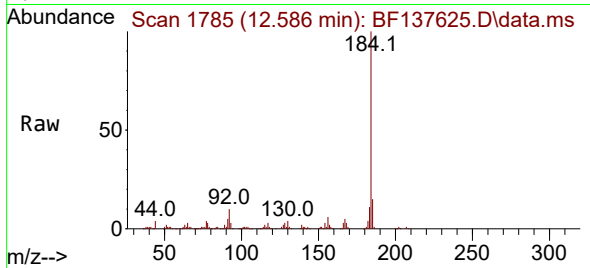
Tgt Ion:240 Resp: 413274
Ion Ratio Lower Upper
240 100
120 13.6 10.4 15.6
236 25.7 20.9 31.3





#77
Benzidine
Concen: 15.881 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

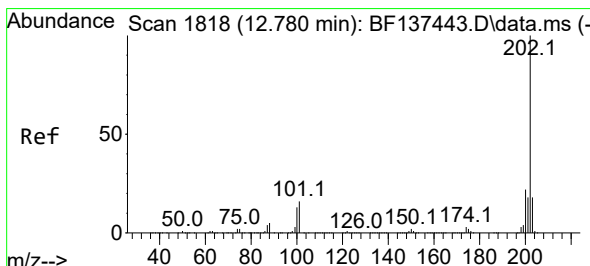
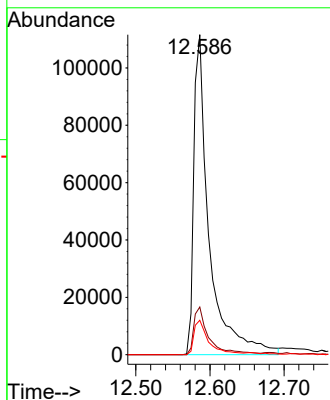
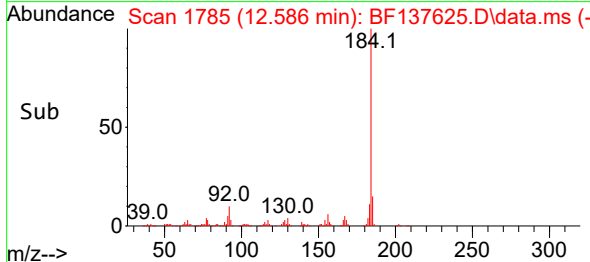
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



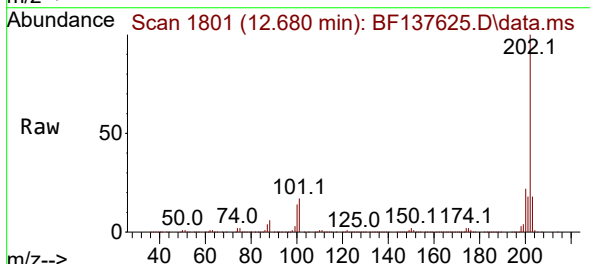
Tgt Ion:184 Resp: 160612
Ion Ratio Lower Upper
184 100
185 14.9 13.2 19.8
183 10.7 9.3 13.9

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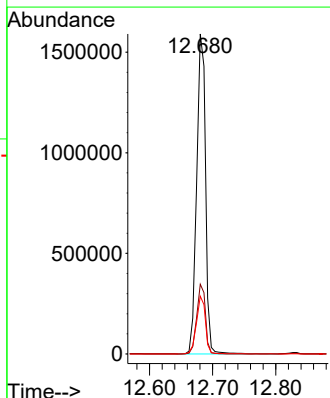
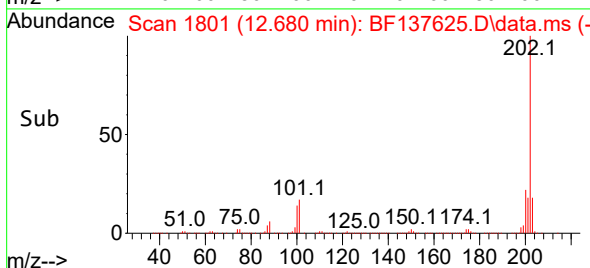
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

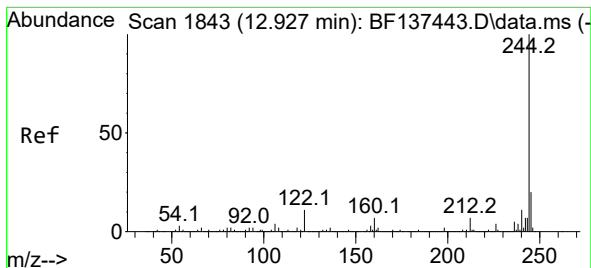


#78
Pyrene
Concen: 38.227 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



Tgt Ion:202 Resp: 1550173
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 74.313 ng

RT: 12.833 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB159612BSD

Tgt Ion:244 Resp: 223341

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

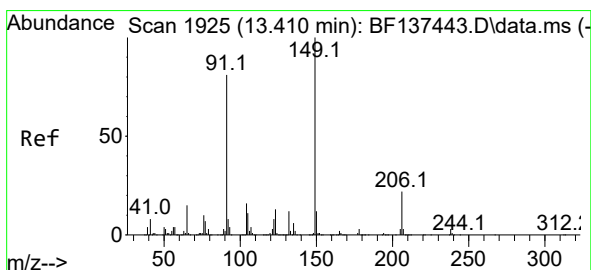
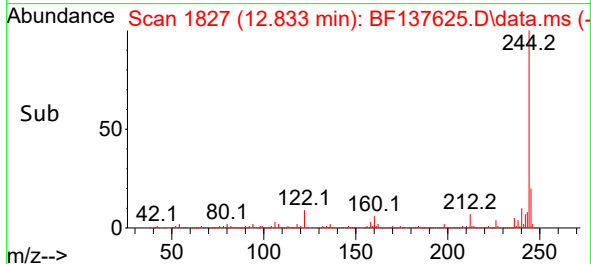
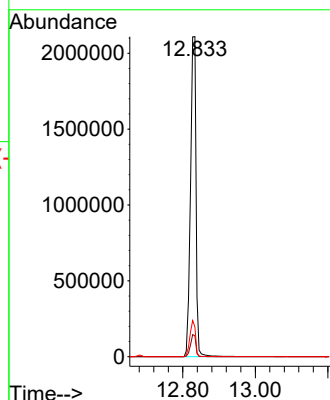
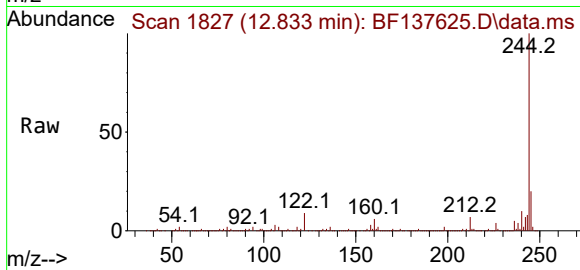
122 9.2 9.1 13.7

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Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



#80

Butylbenzylphthalate

Concen: 56.353 ng

RT: 13.304 min Scan# 1907

Delta R.T. -0.000 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

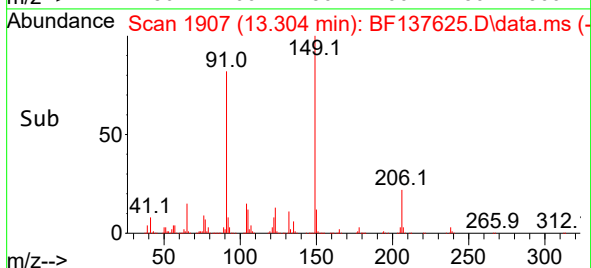
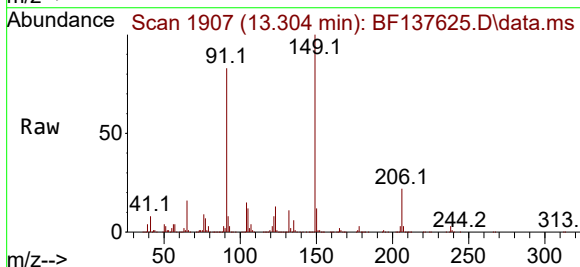
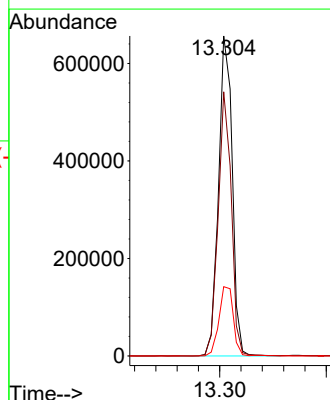
Tgt Ion:149 Resp: 583611

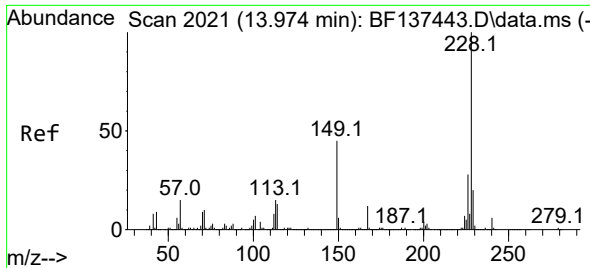
Ion Ratio Lower Upper

149 100

91 82.6 64.7 97.1

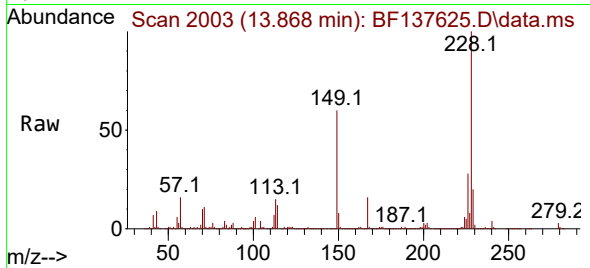
206 21.7 17.5 26.3





#81
Benzo(a)anthracene
Concen: 42.234 ng
RT: 13.868 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

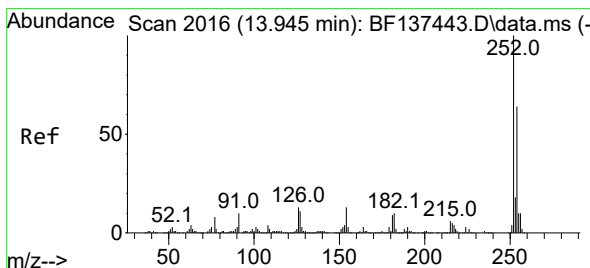
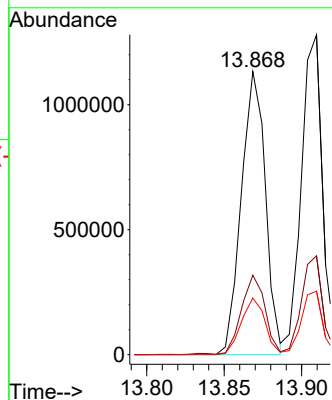
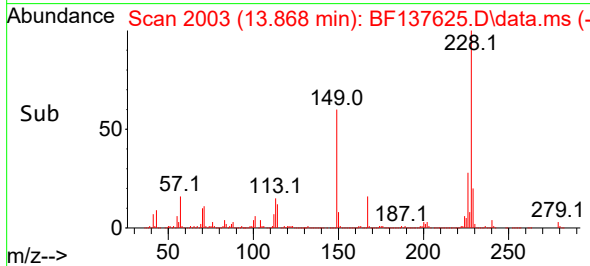
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



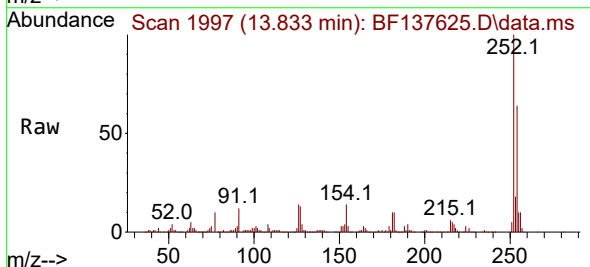
Tgt Ion:228 Resp: 122335
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 20.0 16.3 24.5

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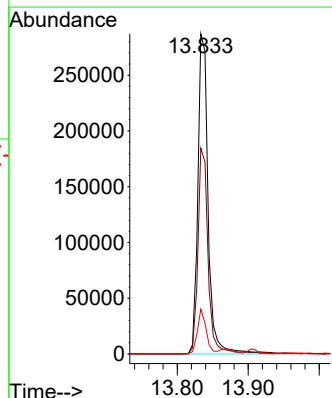
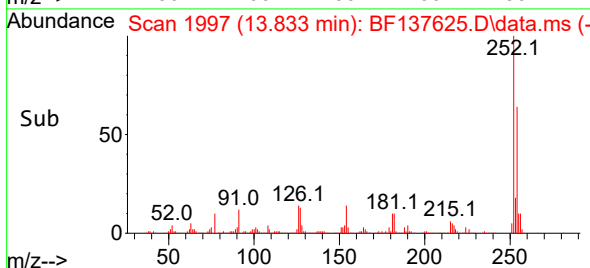
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

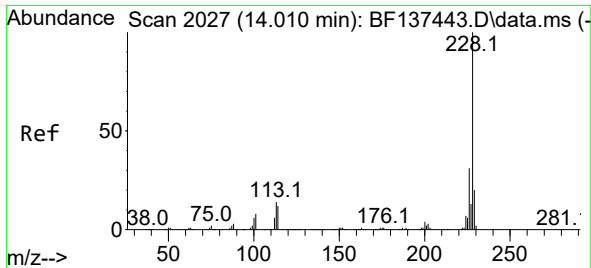


#82
3,3'-Dichlorobenzidine
Concen: 37.624 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



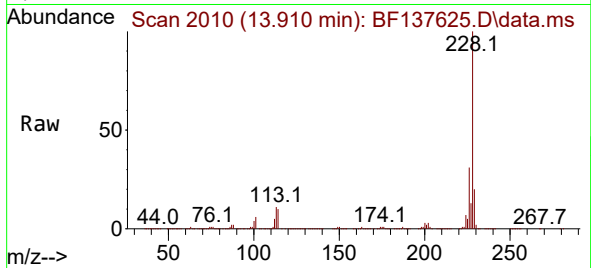
Tgt Ion:252 Resp: 290222
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 14.0 10.4 15.6





#83
Chrysene
Concen: 42.358 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

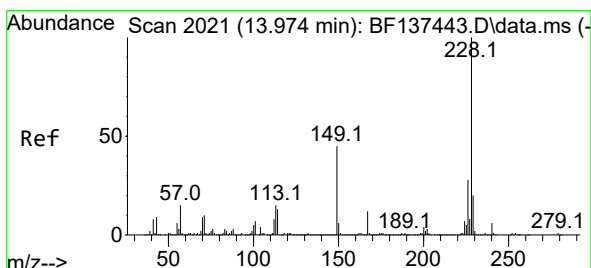
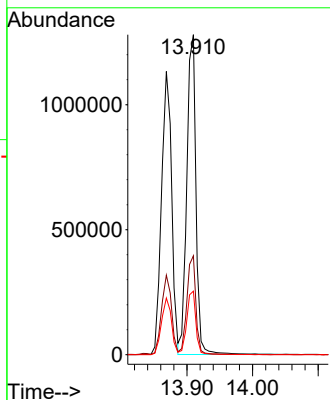
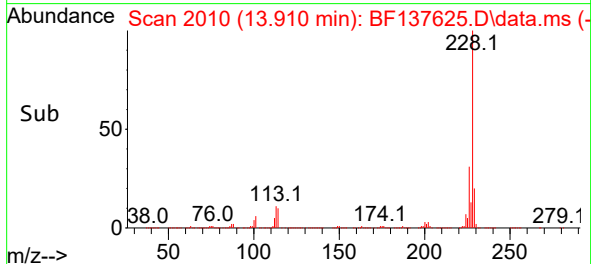
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



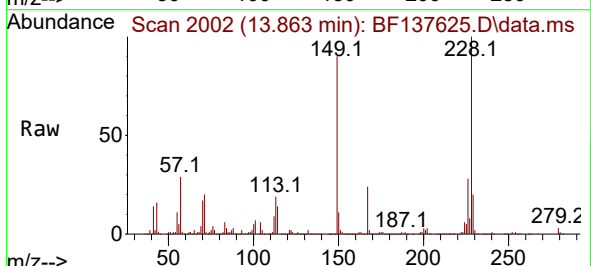
Tgt Ion:228 Resp: 124006
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 19.8 15.9 23.9

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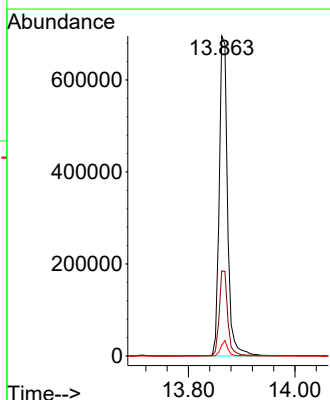
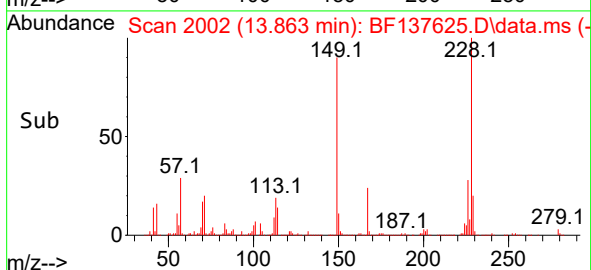
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

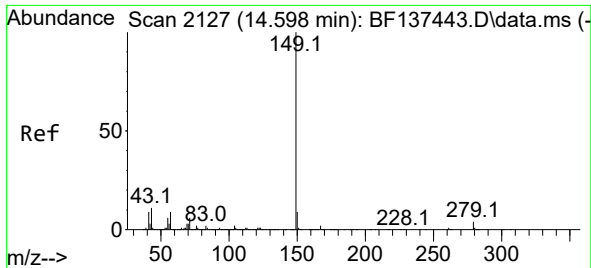


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.127 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



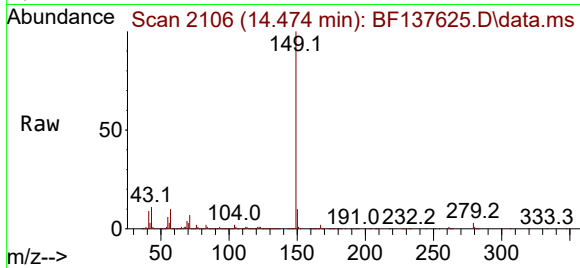
Tgt Ion:149 Resp: 751973
Ion Ratio Lower Upper
149 100
167 26.5 21.3 31.9
279 3.4 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 49.674 ng
RT: 14.474 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

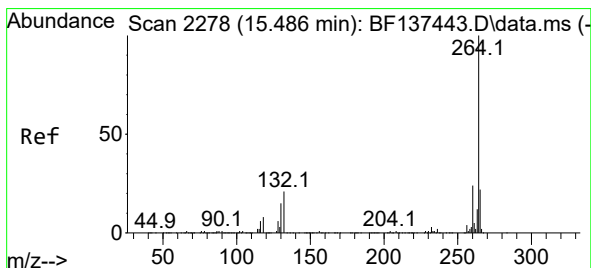
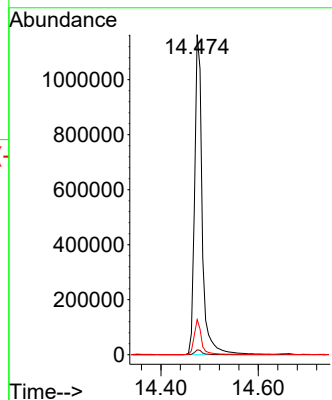
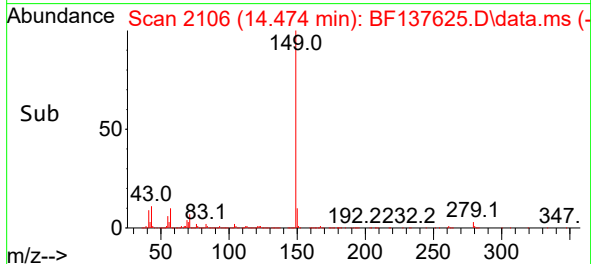
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion:149 Resp: 126580
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 9.6 14.4

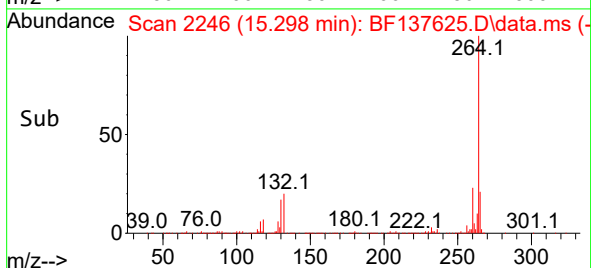
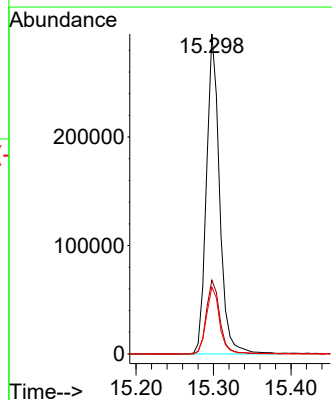
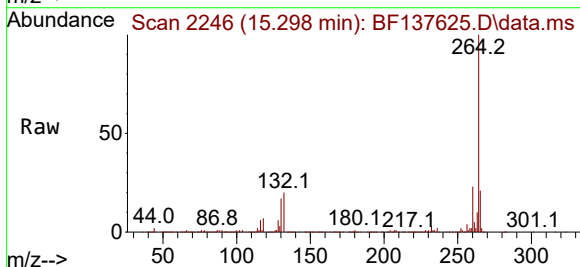
Manual Integrations
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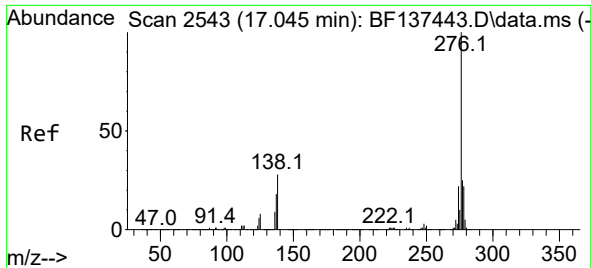
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

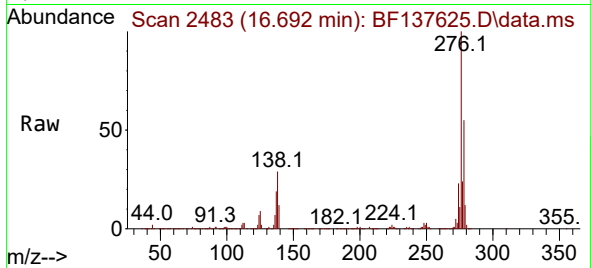
Tgt Ion:264 Resp: 347647
Ion Ratio Lower Upper
264 100
260 23.1 19.3 28.9
265 20.9 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.485 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

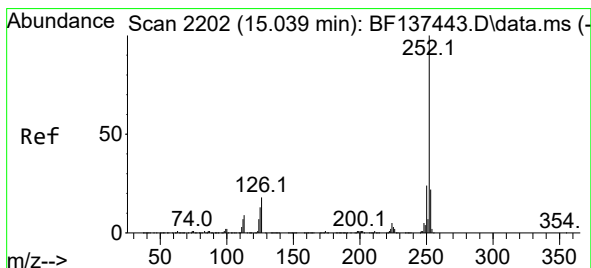
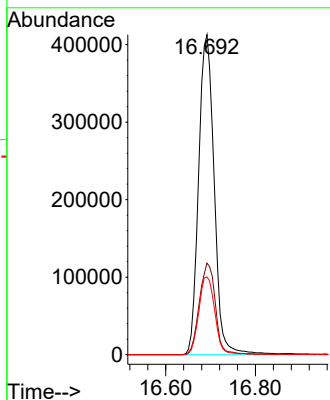
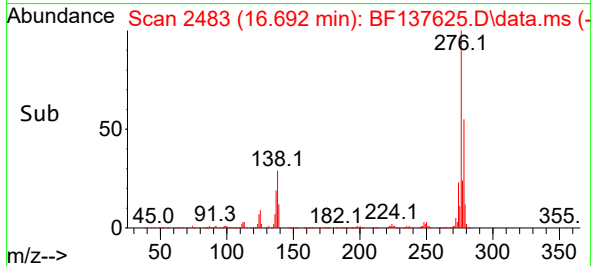
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



Tgt Ion:276 Resp: 994838
Ion Ratio Lower Upper
276 100
138 29.5 25.8 38.8
277 25.2 20.2 30.2

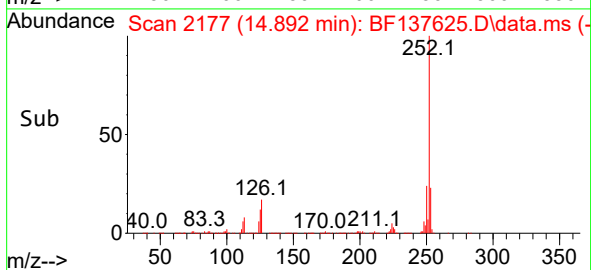
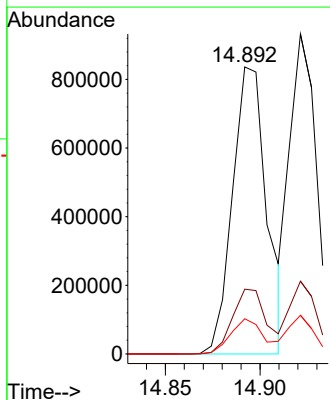
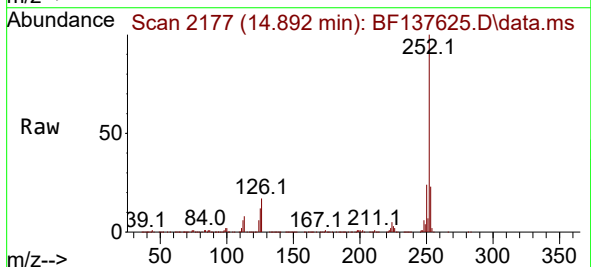
Manual Integrations
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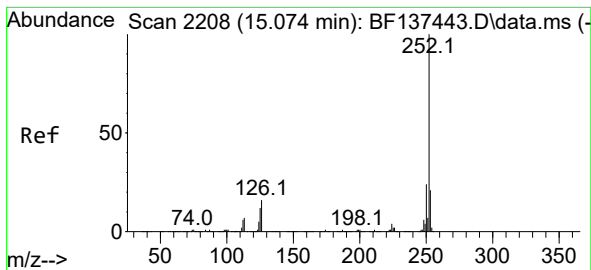
Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#88
Benzo(b)fluoranthene
Concen: 51.221 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

Tgt Ion:252 Resp: 1053347
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 12.3 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 43.805 ng

RT: 14.921 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

Instrument :

BNA_F

ClientSampleId :

PB159612BSD

Tgt Ion:252 Resp: 96757

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

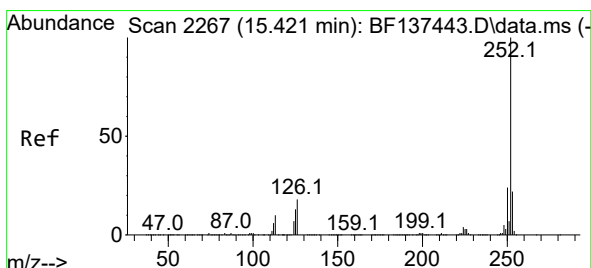
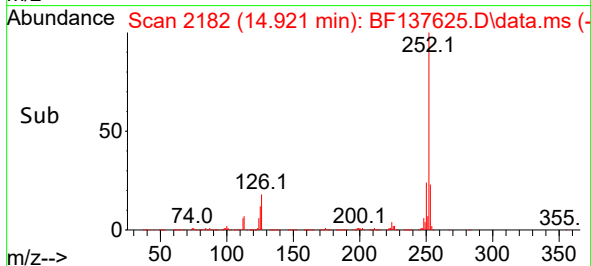
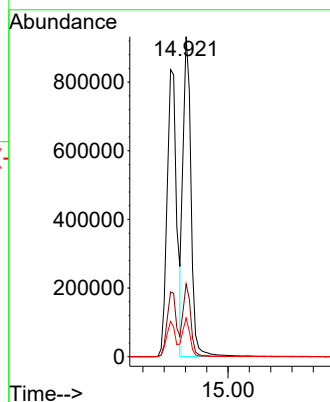
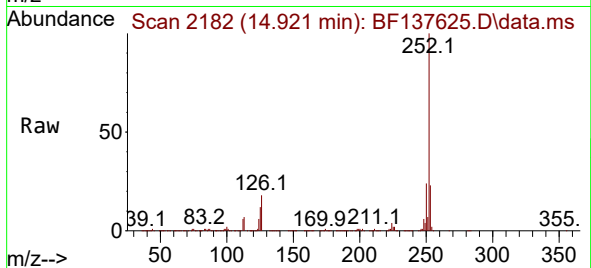
125 12.1 9.6 14.4

Manual Integrations

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Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



#90

Benzo(a)pyrene

Concen: 44.321 ng

RT: 15.245 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF137625.D

Acq: 18 Mar 2024 12:05

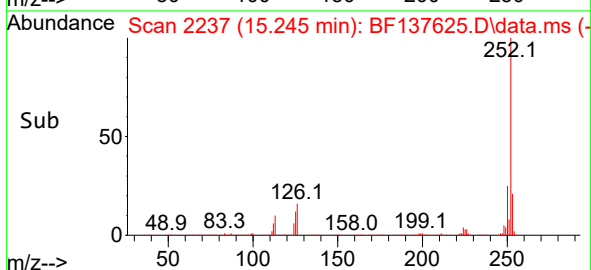
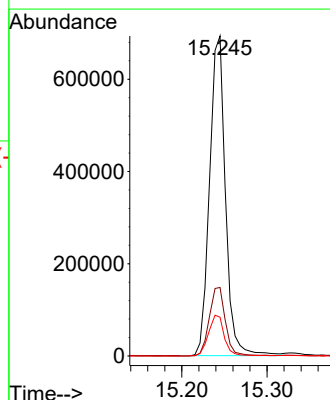
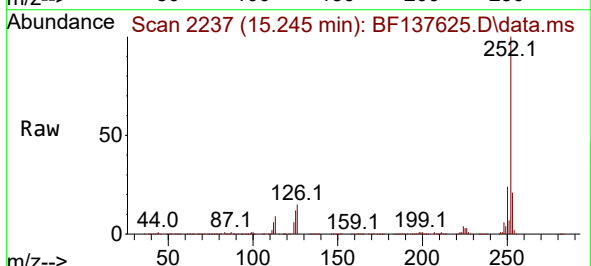
Tgt Ion:252 Resp: 898183

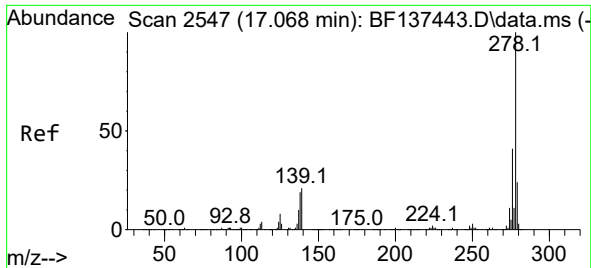
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

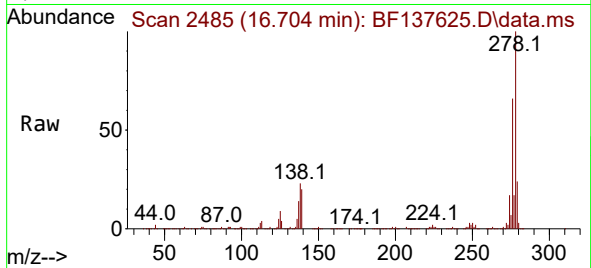
125 12.1 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 43.184 ng
RT: 16.704 min Scan# 2485
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05

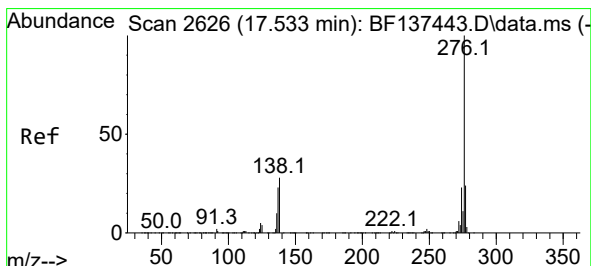
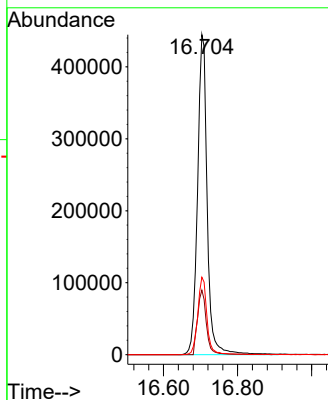
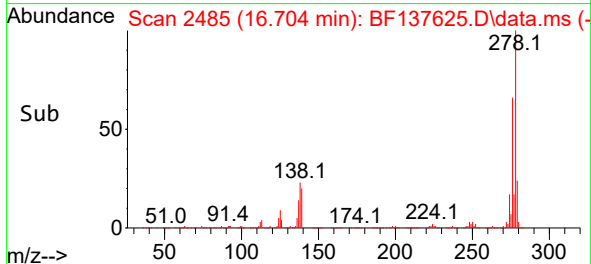
Instrument :
BNA_F
ClientSampleId :
PB159612BSD



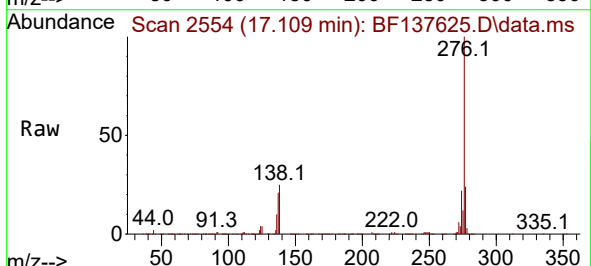
Tgt Ion:278 Resp: 801428
Ion Ratio Lower Upper
278 100
139 20.2 17.0 25.6
279 24.2 18.8 28.2

Manual Integrations
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Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



#92
Benzo(g,h,i)perylene
Concen: 42.081 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF137625.D
Acq: 18 Mar 2024 12:05



Tgt Ion:276 Resp: 802037
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 25.3 22.2 33.2

