

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF137997.D
 Acq On : 22 May 2024 10:45
 Operator : CG\JU
 Sample : PB161030BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161030BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 22 11:10:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	158636	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	639717	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	367046	20.000	ng	0.00
64) Phenanthrene-d10	11.581	188	633899	20.000	ng	0.00
76) Chrysene-d12	14.227	240	389073	20.000	ng	0.00
86) Perylene-d12	15.786	264	297271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1128532	120.841	ng	0.00
7) Phenol-d6	6.657	99	1407908	122.383	ng	0.00
23) Nitrobenzene-d5	7.598	82	865743	79.644	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	508045	137.275	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1871216	78.530	ng	0.00
79) Terphenyl-d14	13.163	244	2180142	82.583	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.040	88	137273	33.930	ng	99
3) Pyridine	3.781	79	340572	37.517	ng	100
4) n-Nitrosodimethylamine	3.746	42	166437	41.561	ng	100
6) Aniline	6.698	93	337034m	32.755	ng	
8) 2-Chlorophenol	6.822	128	461288	45.642	ng	97
9) Benzaldehyde	6.593	77	369305	59.335	ng	97
10) Phenol	6.669	94	510213	43.939	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	401955	45.084	ng	97
12) 1,3-Dichlorobenzene	6.975	146	475540	40.667	ng	99
13) 1,4-Dichlorobenzene	7.051	146	484383	41.268	ng	99
14) 1,2-Dichlorobenzene	7.204	146	462498	41.867	ng	98
15) Benzyl Alcohol	7.175	79	369099	48.048	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	501557	45.765	ng	99
17) 2-Methylphenol	7.275	107	365454	45.342	ng	99
18) Hexachloroethane	7.545	117	167620	42.202	ng	97
19) n-Nitroso-di-n-propyla...	7.446	70	295759	45.760	ng	98
20) 3+4-Methylphenols	7.428	107	468003	44.323	ng	94
22) Acetophenone	7.446	105	611302	42.657	ng	99
24) Nitrobenzene	7.622	77	444377	40.298	ng	95
25) Isophorone	7.851	82	835101	44.265	ng	99
26) 2-Nitrophenol	7.934	139	252485	45.567	ng	98
27) 2,4-Dimethylphenol	7.957	122	337956	47.374	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	502163	43.918	ng	99
29) 2,4-Dichlorophenol	8.169	162	396647	44.215	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	413647	41.298	ng	99
31) Naphthalene	8.340	128	1332317	41.421	ng	100
32) Benzoic acid	8.087	122	303979	50.407	ng	96
33) 4-Chloroaniline	8.381	127	204462	19.391	ng	98
34) Hexachlorobutadiene	8.451	225	255741	40.339	ng	99
35) Caprolactam	8.763	113	127670m	49.123	ng	
36) 4-Chloro-3-methylphenol	8.863	107	415921	45.577	ng	99
37) 2-Methylnaphthalene	9.034	142	891410	43.114	ng	99
38) 1-Methylnaphthalene	9.134	142	821532	40.417	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	430589	43.151	ng	100
41) Hexachlorocyclopentadiene	9.187	237	463276	122.184	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	304033	46.469	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	317207	44.310	ng	98
46) 1,1'-Biphenyl	9.498	154	1104066	42.886	ng	99
47) 2-Chloronaphthalene	9.528	162	858579	41.779	ng	99
48) 2-Nitroaniline	9.622	65	240375	45.677	ng	98
49) Acenaphthylene	9.945	152	1366197	46.235	ng	99
50) Dimethylphthalate	9.798	163	1050887	45.658	ng	99
51) 2,6-Dinitrotoluene	9.863	165	235567	44.593	ng	96
52) Acenaphthene	10.122	154	930922	47.666	ng	99
53) 3-Nitroaniline	10.034	138	170266	32.969	ng	99
54) 2,4-Dinitrophenol	10.139	184	271476	93.807	ng	# 86
55) Dibenzofuran	10.292	168	1243365	43.745	ng	100
56) 4-Nitrophenol	10.192	139	365111	98.434	ng	95
57) 2,4-Dinitrotoluene	10.269	165	320872	46.985	ng	# 89
58) Fluorene	10.639	166	989616	44.019	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	272215	48.404	ng	98
60) Diethylphthalate	10.498	149	999046	46.476	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	493555	44.517	ng	99
62) 4-Nitroaniline	10.657	138	221677	45.256	ng	99
63) Azobenzene	10.786	77	897816	45.918	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	186791	51.033	ng	99
66) n-Nitrosodiphenylamine	10.745	169	859896	44.234	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	311835	44.873	ng	98
68) Hexachlorobenzene	11.186	284	339693	44.221	ng	99
69) Atrazine	11.269	200	292936	55.184	ng	98
70) Pentachlorophenol	11.381	266	413643	91.927	ng	98
71) Phenanthrene	11.604	178	1389125	44.469	ng	99
72) Anthracene	11.657	178	1401745	45.227	ng	98
73) Carbazole	11.810	167	1251712	44.210	ng	99
74) Di-n-butylphthalate	12.128	149	1521297	48.417	ng	100
75) Fluoranthene	12.798	202	1428905	45.066	ng	99
77) Benzidine	12.910	184	105838	20.815	ng	98
78) Pyrene	13.027	202	1439748	42.308	ng	100
80) Butylbenzylphthalate	13.633	149	541409	52.746	ng	99
81) Benzo(a)anthracene	14.222	228	1148668	46.665	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	219479	32.174	ng	99
83) Chrysene	14.257	228	1041151	44.227	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	680224	52.719	ng	98
85) Di-n-octyl phthalate	14.816	149	927402	53.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	902659	47.263	ng	99
88) Benzo(b)fluoranthene	15.321	252	827288	48.064	ng	100
89) Benzo(k)fluoranthene	15.357	252	845813	50.021	ng	99
90) Benzo(a)pyrene	15.721	252	740921	50.411	ng	99
91) Dibenzo(a,h)anthracene	17.439	278	751188	47.605	ng	98
92) Benzo(g,h,i)perylene	17.921	276	721922	43.551	ng	98

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

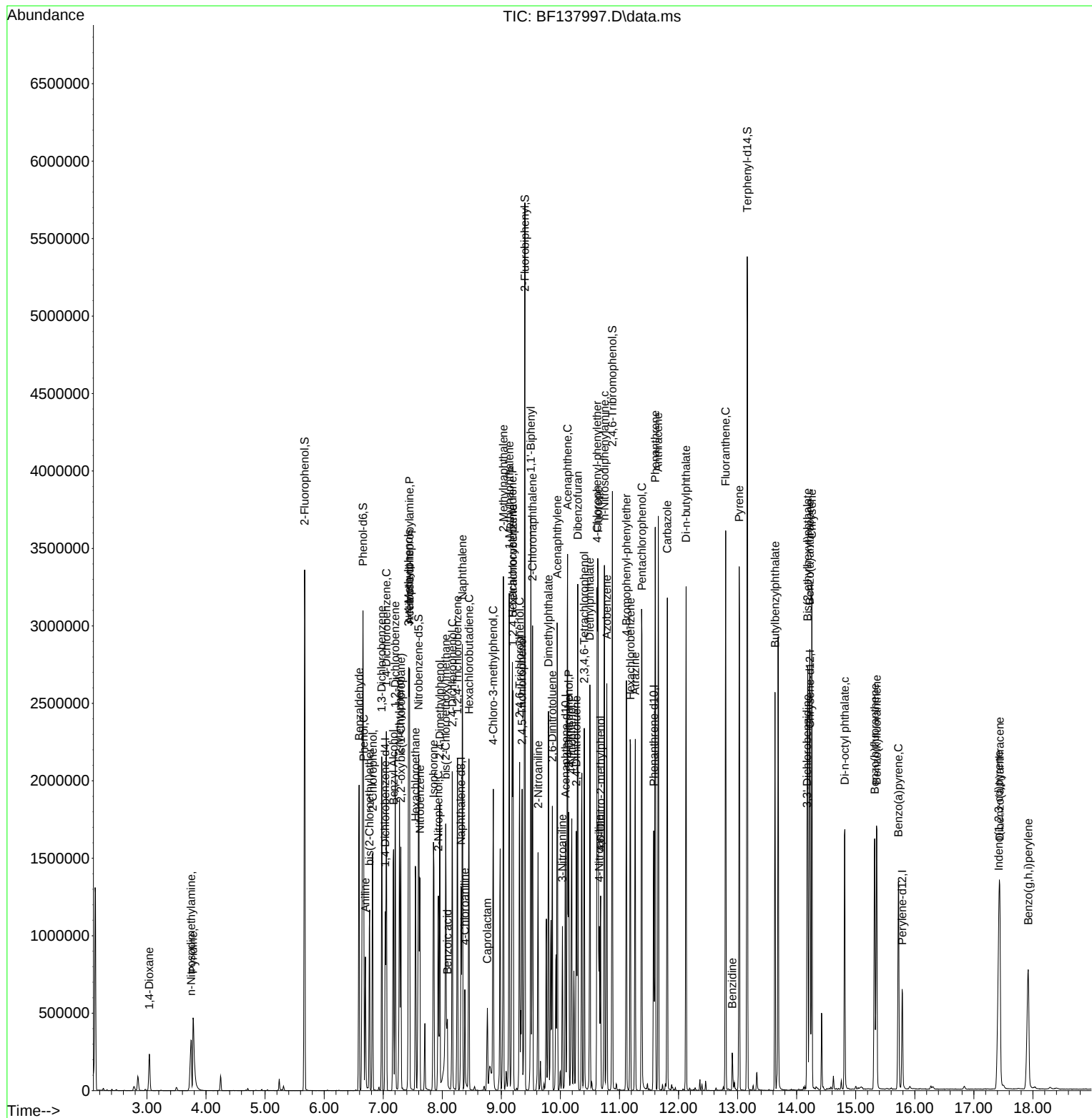
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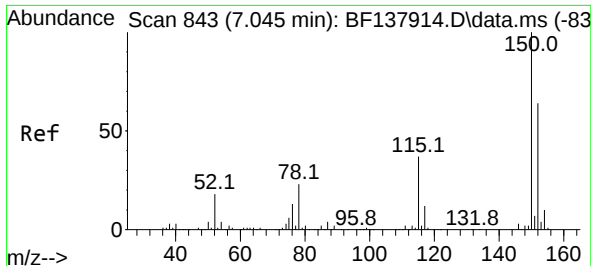
Instrument :
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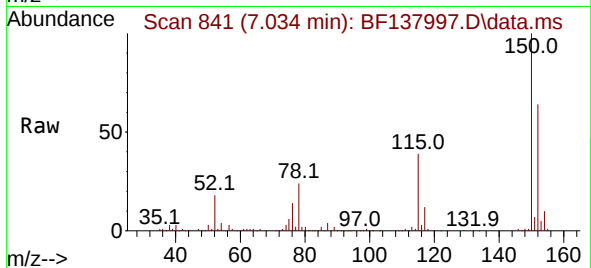
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

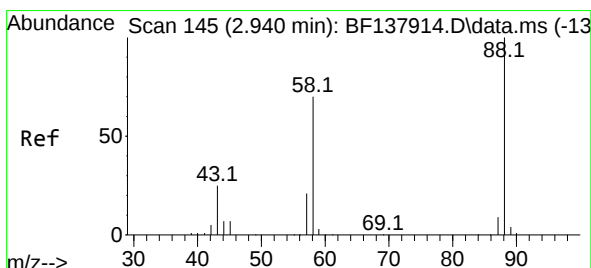
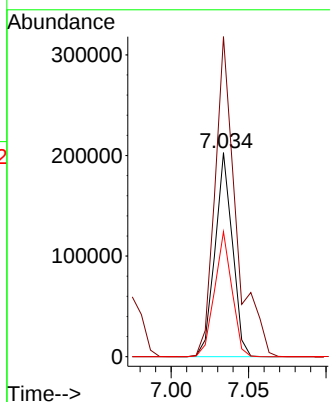
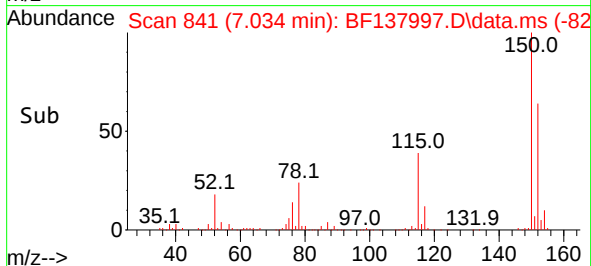


Tgt Ion:152 Resp: 158630
Ion Ratio Lower Upper
152 100
150 156.9 125.7 188.5
115 61.2 47.0 70.6

Manual Integrations

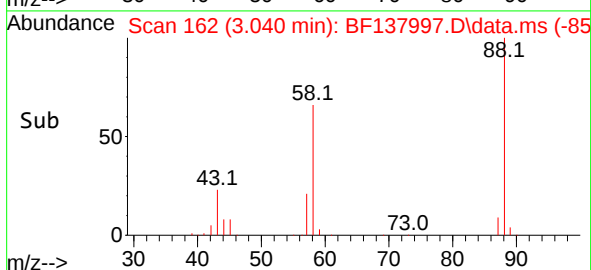
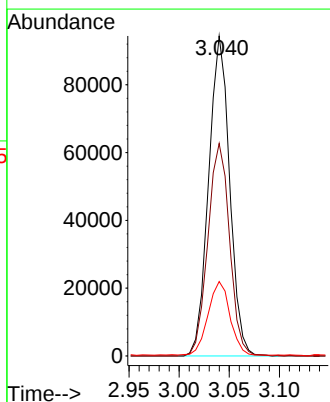
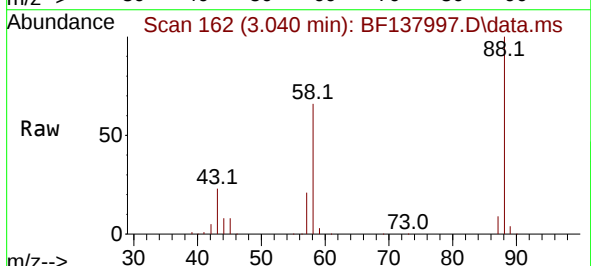
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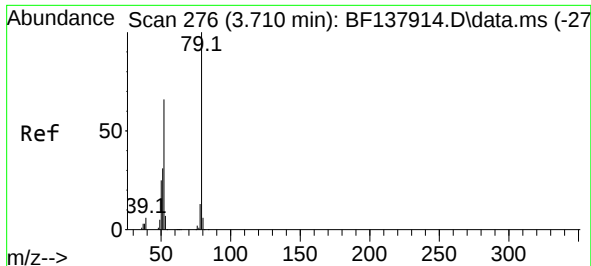
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#2
1,4-Dioxane
Concen: 33.930 ng
RT: 3.040 min Scan# 162
Delta R.T. 0.100 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion: 88 Resp: 137273
Ion Ratio Lower Upper
88 100
58 68.5 54.4 81.6
43 24.1 19.6 29.4





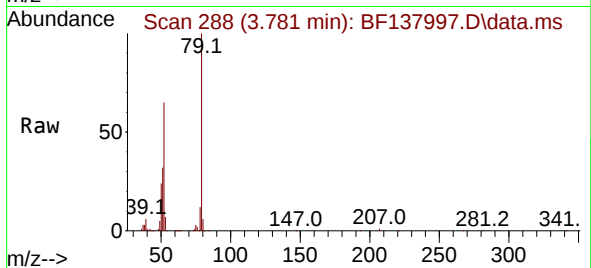
#3
Pyridine
Concen: 37.517 ng
RT: 3.781 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

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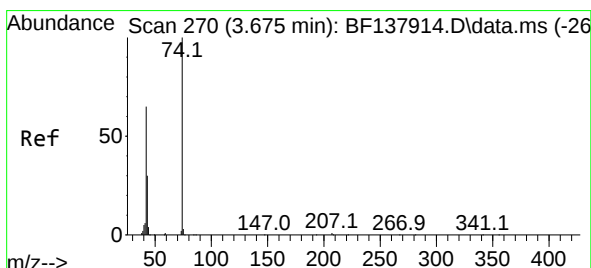
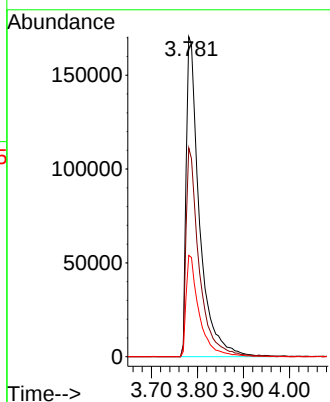
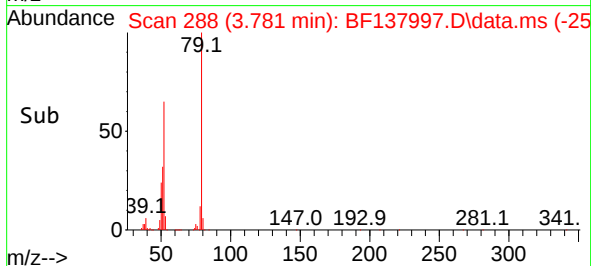


Tgt Ion: 79 Resp: 340572
Ion Ratio Lower Upper
79 100
52 65.3 52.5 78.7
51 31.7 25.1 37.7

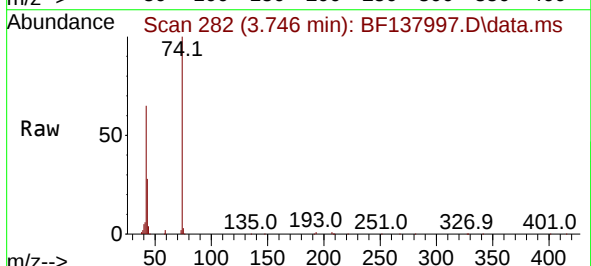
Manual Integrations

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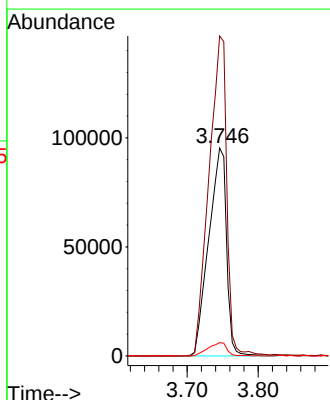
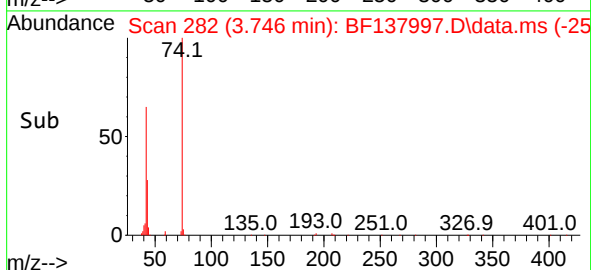
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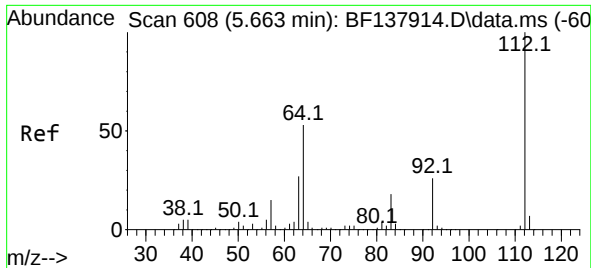


#4
n-Nitrosodimethylamine
Concen: 41.561 ng
RT: 3.746 min Scan# 282
Delta R.T. 0.071 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion: 42 Resp: 166437
Ion Ratio Lower Upper
42 100
74 153.9 123.1 184.7
44 6.4 5.0 7.6





#5
2-Fluorophenol
Concen: 120.841 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

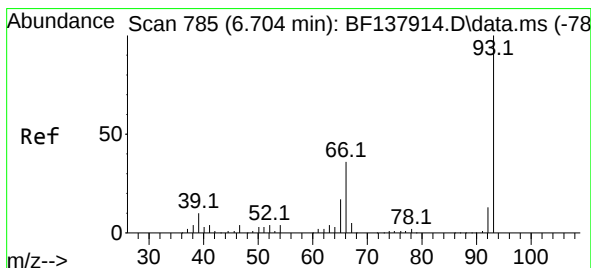
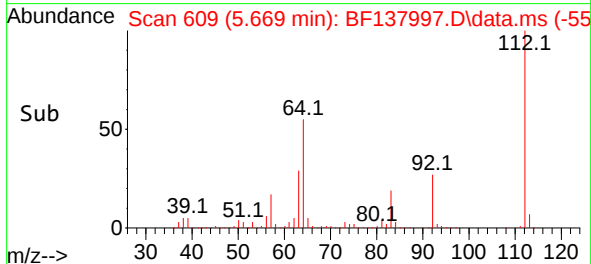
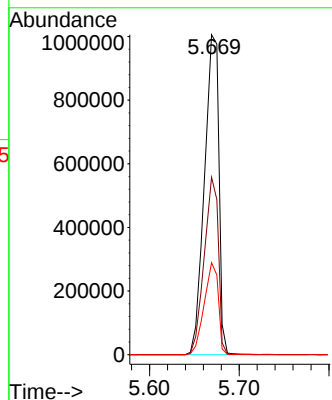
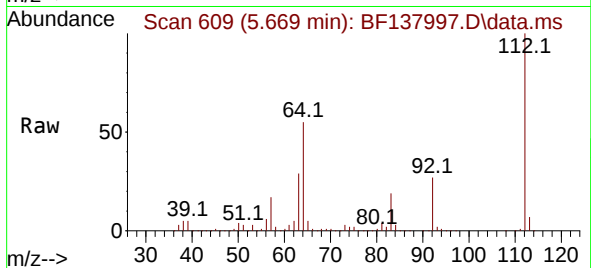
PB161030BS

Tgt Ion:112 Resp: 112853
Ion Ratio Lower Upper
112 100
64 55.4 42.4 63.6
63 28.8 21.4 32.2

Manual Integrations

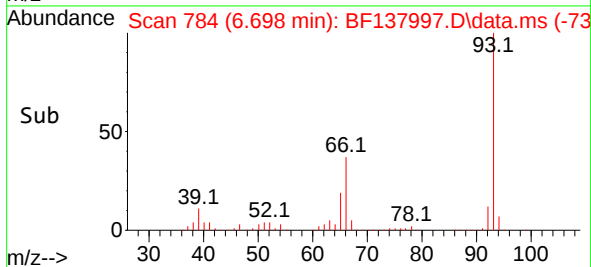
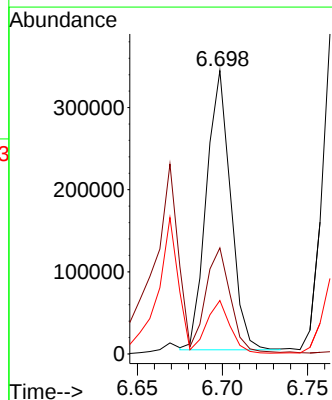
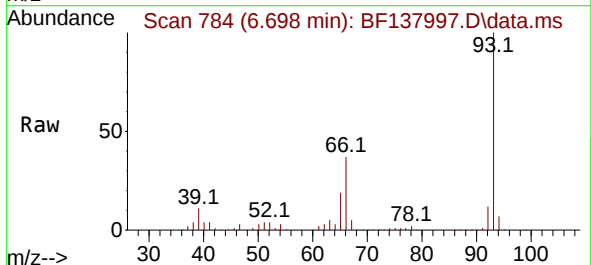
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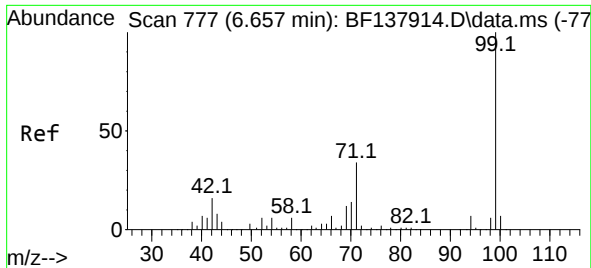
Reviewed By :Yogesh Patel 05/24/2024
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#6
Aniline
Concen: 32.755 ng m
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

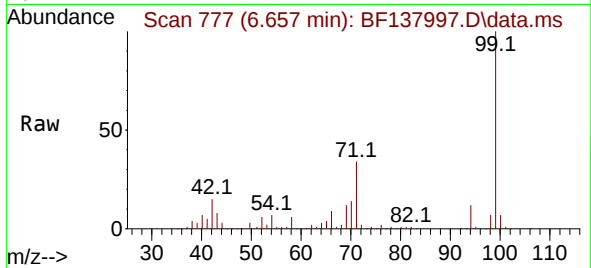
Tgt Ion: 93 Resp: 337034
Ion Ratio Lower Upper
93 100
66 37.5 30.7 46.1
65 18.8 15.0 22.4





#7
Phenol-d6
Concen: 122.383 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137997.D
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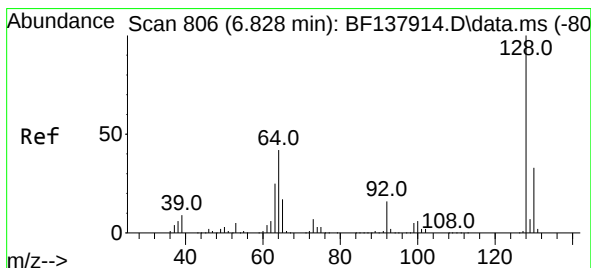
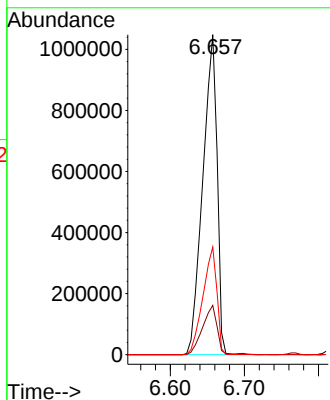
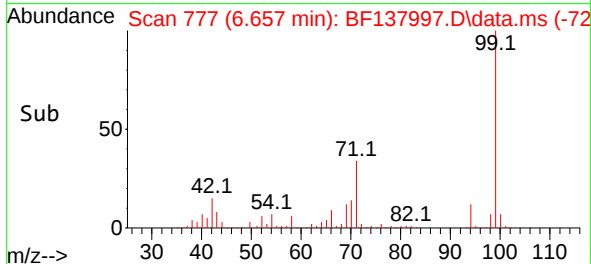
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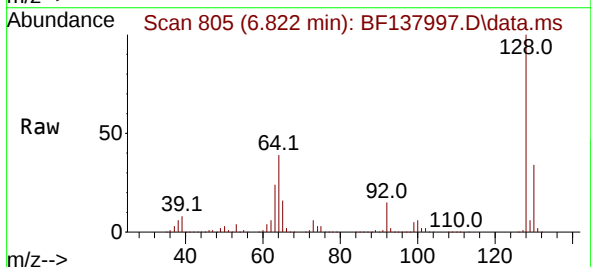
Tgt Ion: 99 Resp: 1407908
Ion Ratio Lower Upper
99 100
42 15.4 12.6 18.8
71 33.6 27.1 40.7

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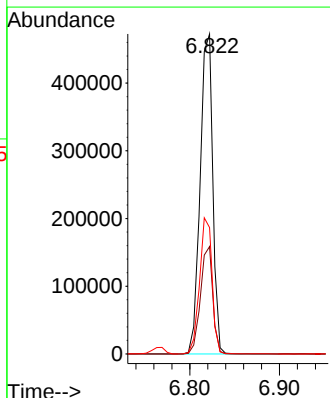
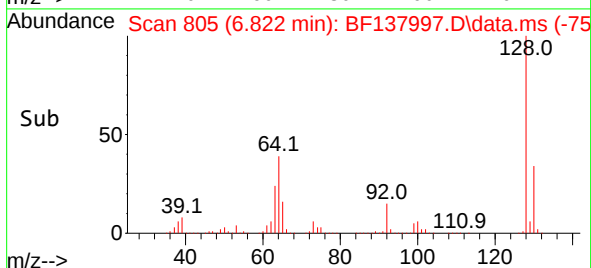
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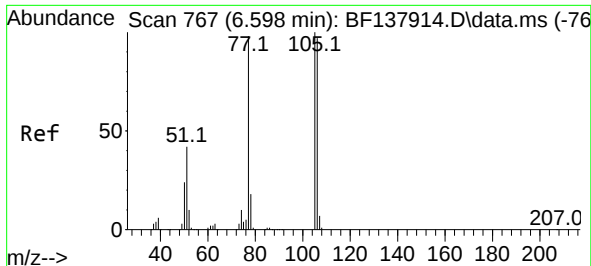


#8
2-Chlorophenol
Concen: 45.642 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:128 Resp: 461288
Ion Ratio Lower Upper
128 100
130 33.6 12.8 52.8
64 39.5 22.2 62.2





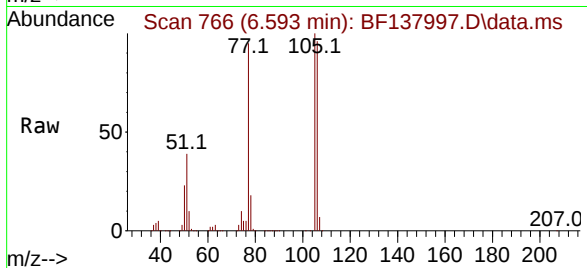
#9
Benzaldehyde
Concen: 59.335 ng
RT: 6.593 min Scan# 70
Delta R.T. -0.005 min
Lab File: BF137997.D
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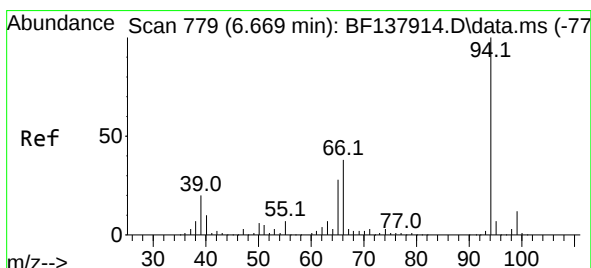
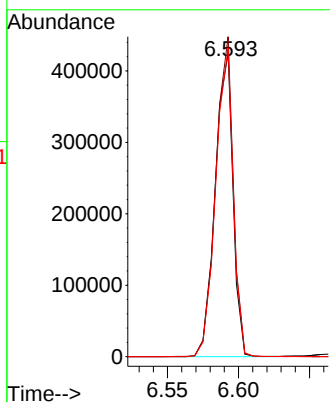
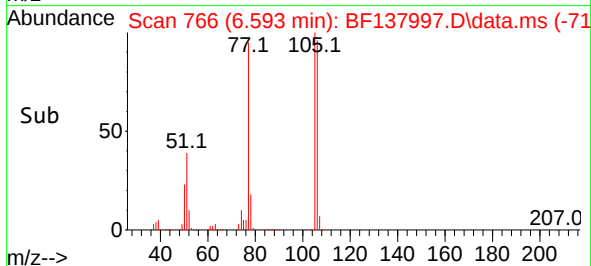
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Tgt Ion: 77 Resp: 36930
Ion Ratio Lower Upper
77 100
105 105.4 82.3 122.3
106 101.7 79.2 119.2

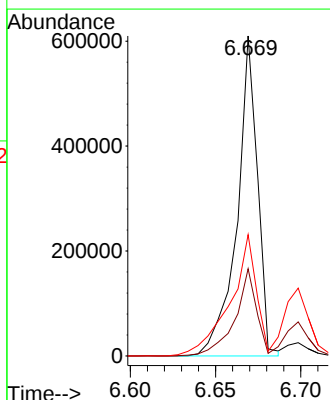
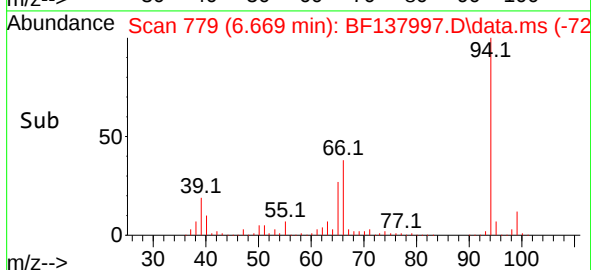
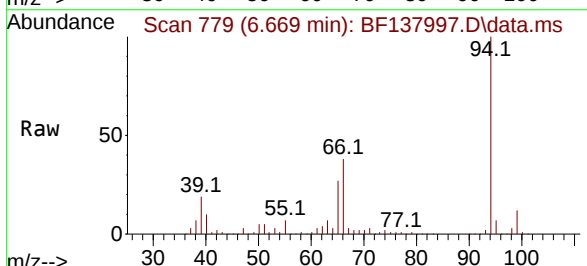
Manual Integrations
APPROVED

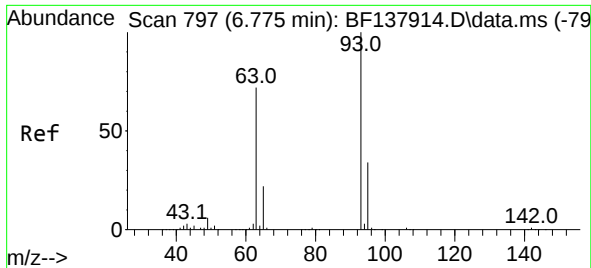
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#10
Phenol
Concen: 43.939 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion: 94 Resp: 510213
Ion Ratio Lower Upper
94 100
65 27.3 7.8 47.8
66 37.9 18.6 58.6





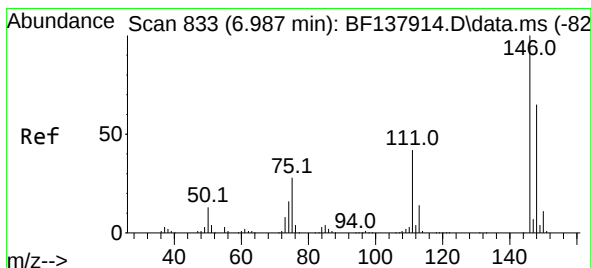
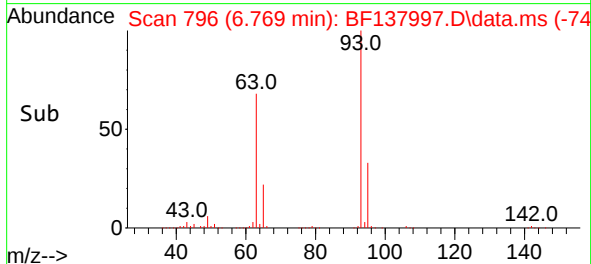
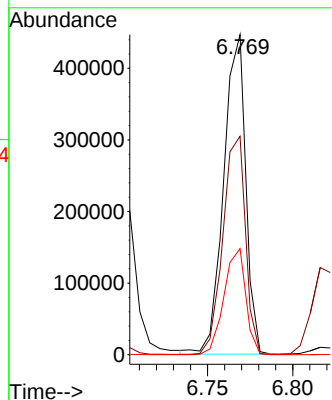
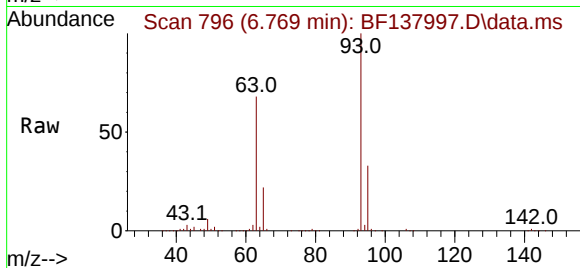
#11
bis(2-Chloroethyl)ether
Concen: 45.084 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :
BNA_F
ClientSampleId :
PB161030BS

Tgt Ion: 93 Resp: 40195
Ion Ratio Lower Upper
93 100
63 68.3 51.4 91.4
95 33.2 13.5 53.5

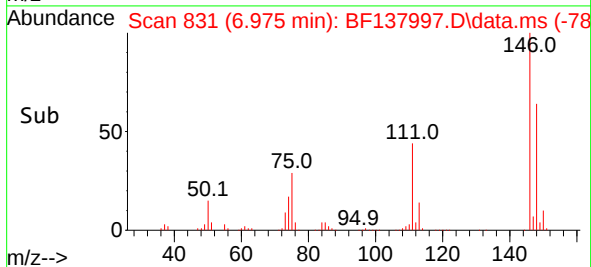
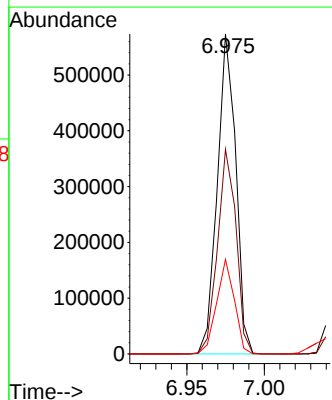
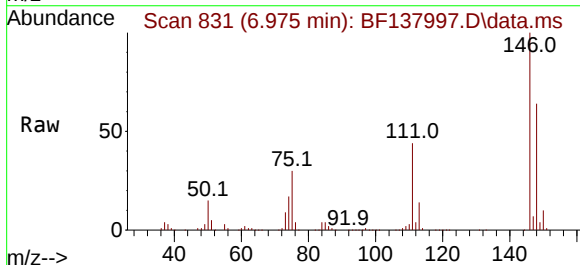
Manual Integrations
APPROVED

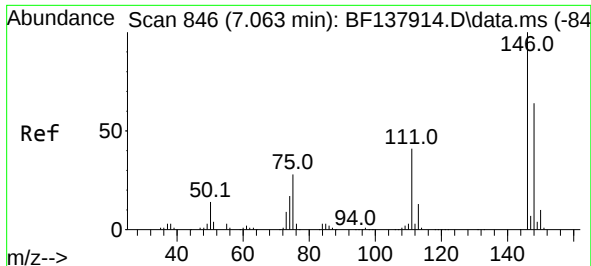
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#12
1,3-Dichlorobenzene
Concen: 40.667 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:146 Resp: 475540
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
75 29.6 22.4 33.6





#13
1,4-Dichlorobenzene
Concen: 41.268 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

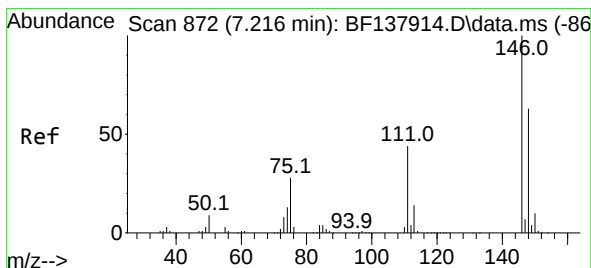
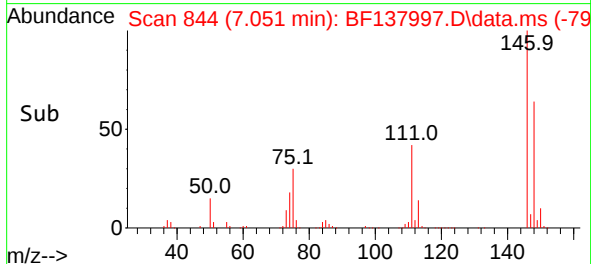
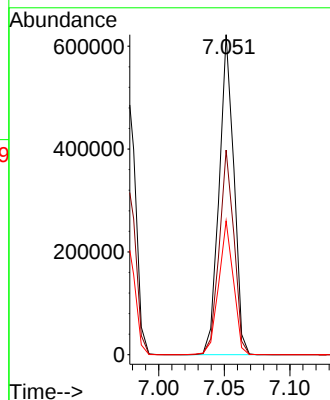
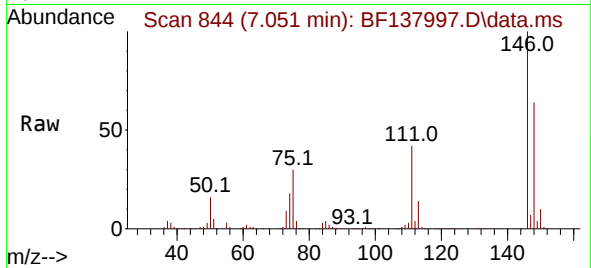
ClientSampleId :

PB161030BS

Tgt Ion:146 Resp: 48438
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 41.8 32.5 48.7

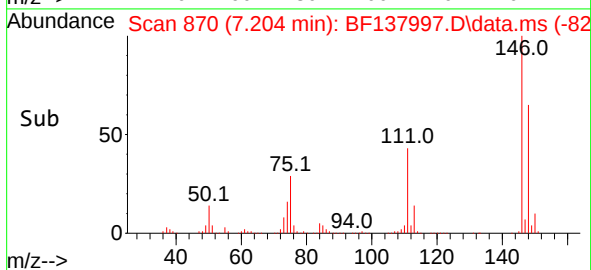
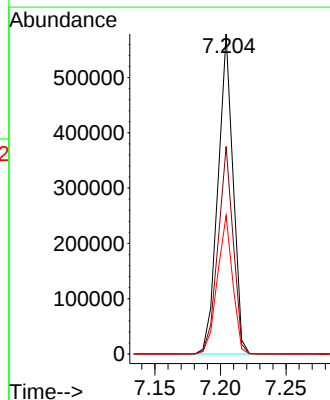
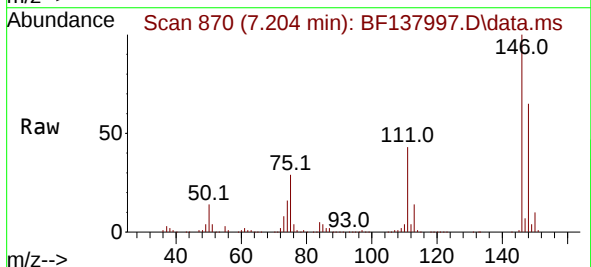
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#14
1,2-Dichlorobenzene
Concen: 41.867 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

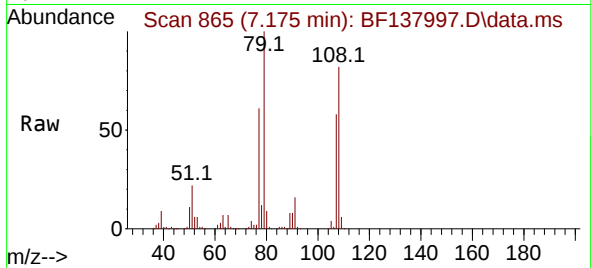
Tgt Ion:146 Resp: 462498
Ion Ratio Lower Upper
146 100
148 64.8 50.2 75.4
111 43.3 35.1 52.7





#15
Benzyl Alcohol
Concen: 48.048 ng
RT: 7.175 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

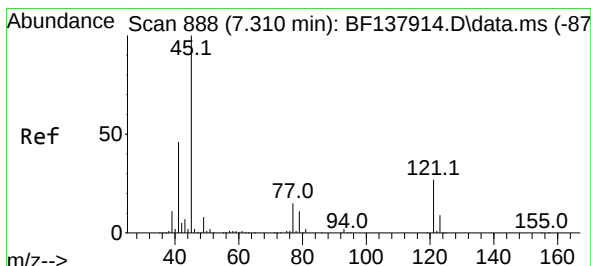
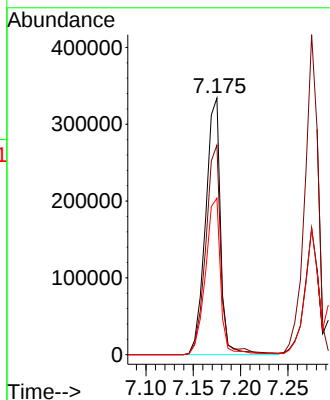
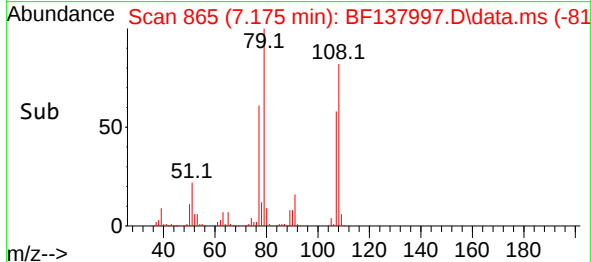
Instrument :
BNA_F
ClientSampleId :
PB161030BS



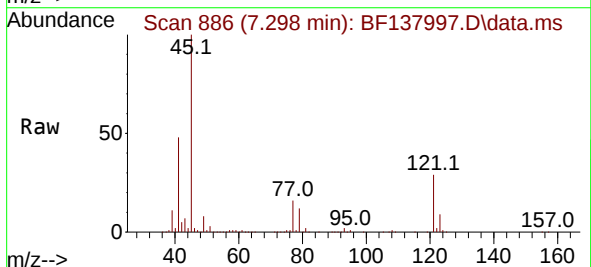
Tgt Ion: 79 Resp: 369099
Ion Ratio Lower Upper
79 100
108 81.7 62.8 94.2
77 61.0 48.7 73.1

Manual Integrations
APPROVED

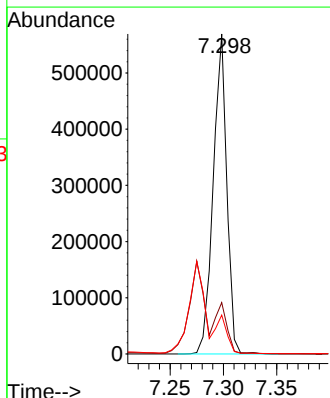
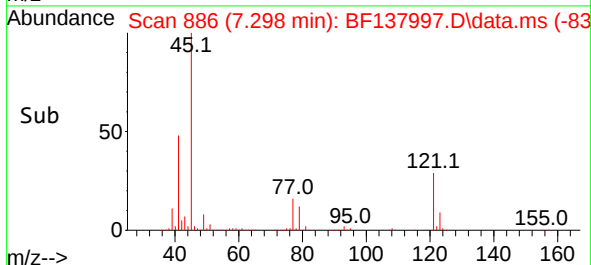
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

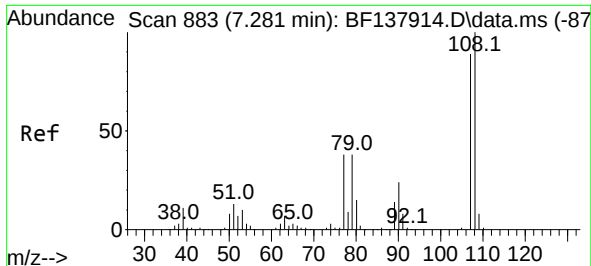


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.765 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion: 45 Resp: 501557
Ion Ratio Lower Upper
45 100
77 16.0 0.0 35.3
79 12.1 0.0 32.1





#17
2-Methylphenol
Concen: 45.342 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

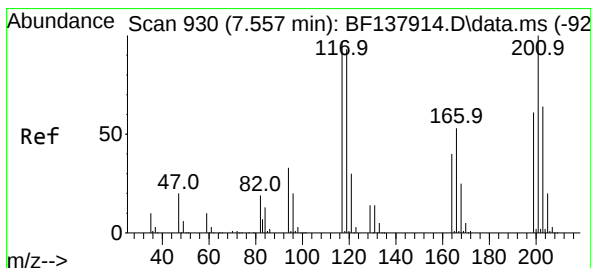
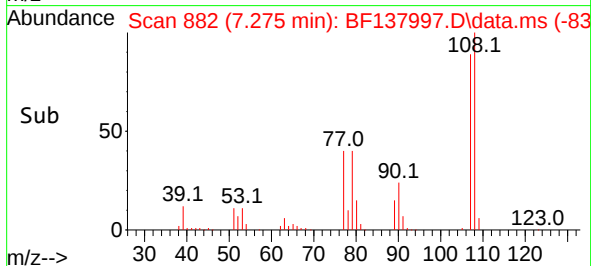
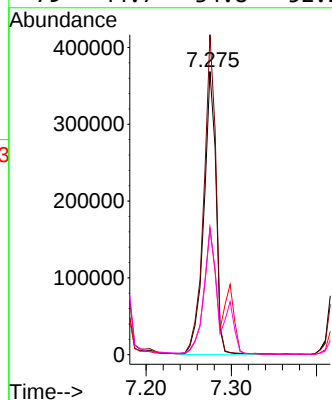
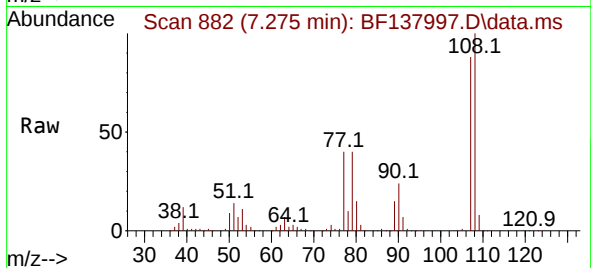
PB161030BS

Tgt Ion:107 Resp: 365454
Ion Ratio Lower Upper
107 100
108 113.0 90.1 135.1
77 44.8 34.3 51.5
79 44.7 34.8 52.2

Manual Integrations

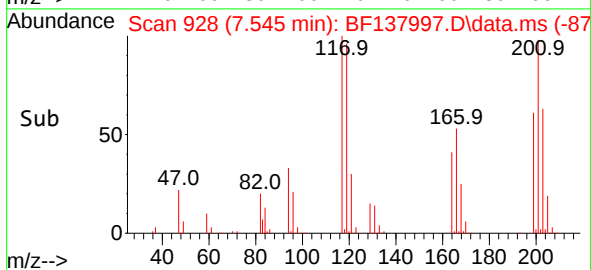
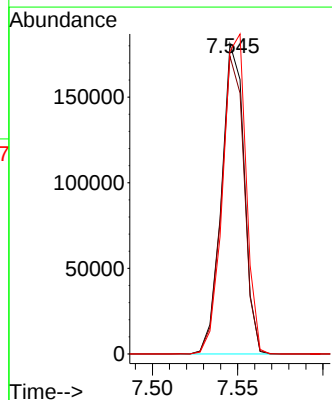
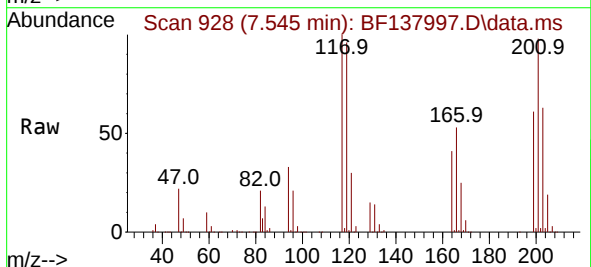
APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#18
Hexachloroethane
Concen: 42.202 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:117 Resp: 167620
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
201 97.6 82.7 124.1





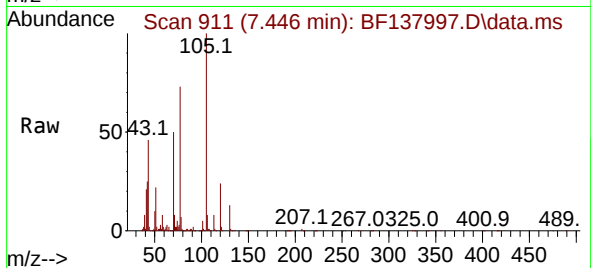
#19
n-Nitroso-di-n-propylamine
Concen: 45.760 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



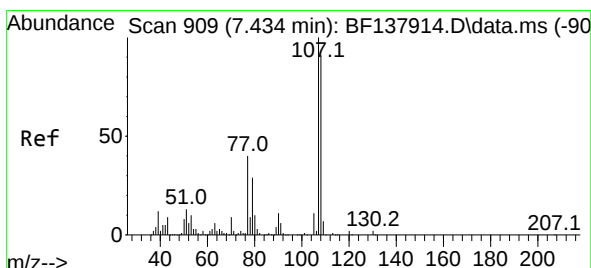
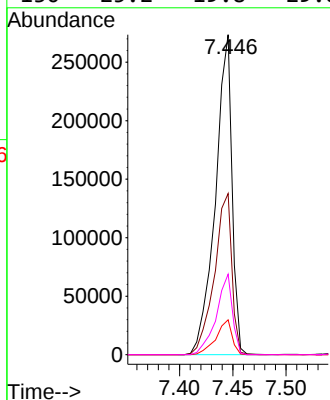
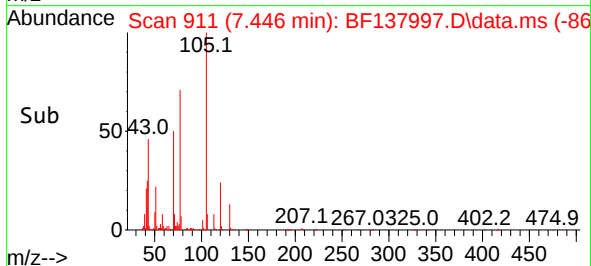
Tgt Ion: 70 Resp: 295759
Ion Ratio Lower Upper
70 100
42 50.4 42.2 63.4
101 10.9 8.8 13.2
130 25.2 19.8 29.8

Manual Integrations

APPROVED

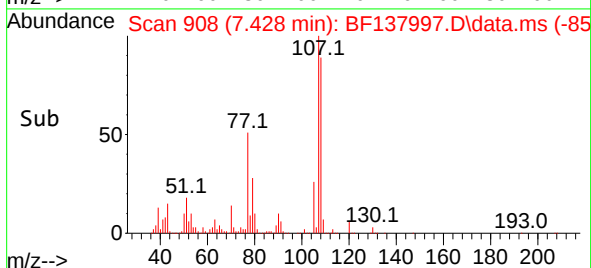
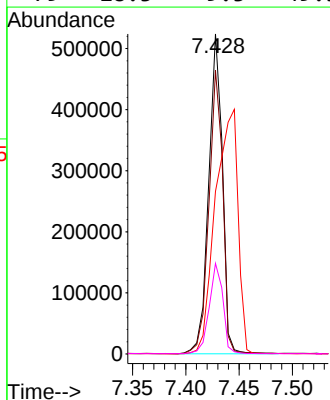
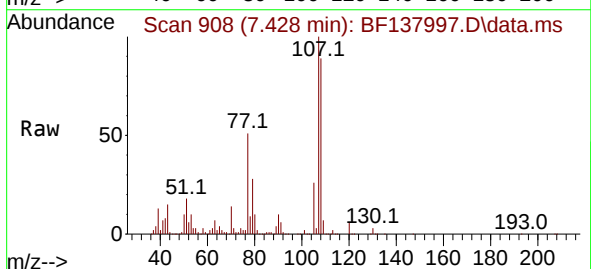
Reviewed By :Yogesh Patel 05/24/2024

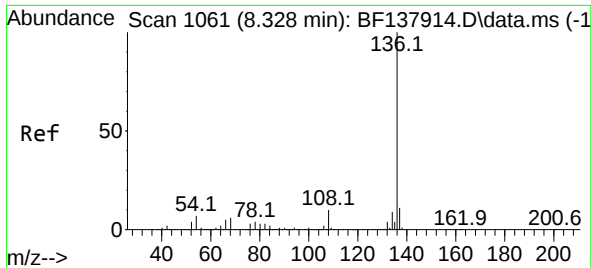
Supervised By :mohammad ahmed 05/24/2024



#20
3+4-Methylphenols
Concen: 44.323 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:107 Resp: 468003
Ion Ratio Lower Upper
107 100
108 88.7 70.8 110.8
77 50.8 20.2 60.2
79 28.3 9.3 49.3





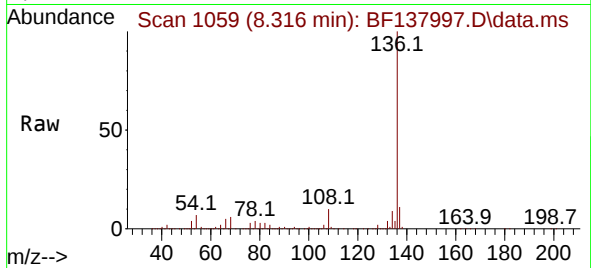
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

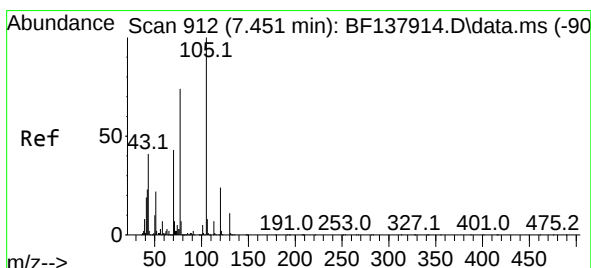
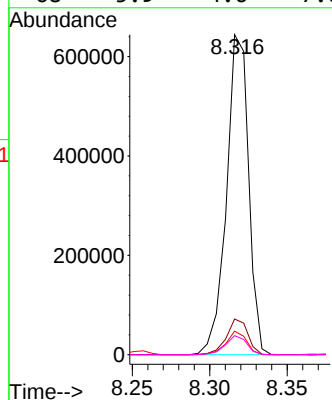
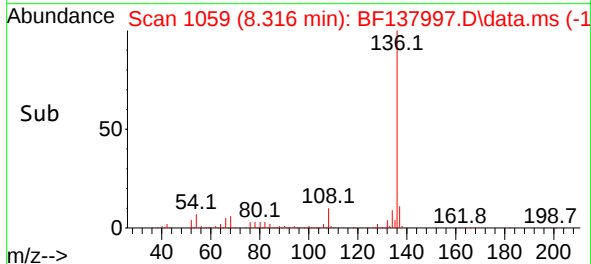


Tgt Ion:136 Resp: 63971
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 7.4 5.4 8.2
68 5.9 4.6 7.0

Manual Integrations

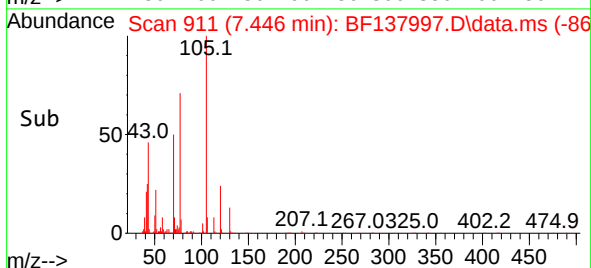
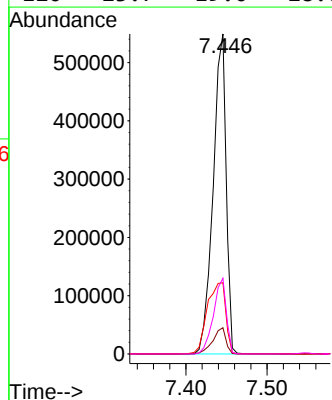
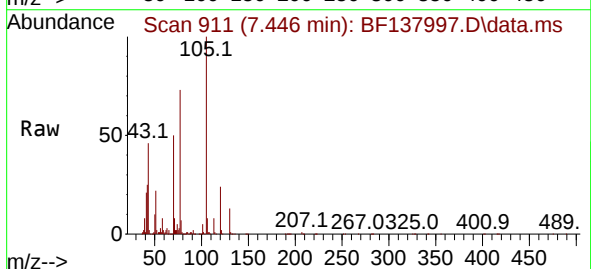
APPROVED

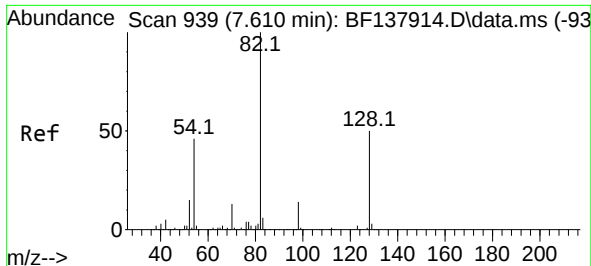
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#22
Acetophenone
Concen: 42.657 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:105 Resp: 611302
Ion Ratio Lower Upper
105 100
71 8.2 5.7 8.5
51 22.3 17.8 26.8
120 23.7 19.0 28.6





#23
Nitrobenzene-d5
Concen: 79.644 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

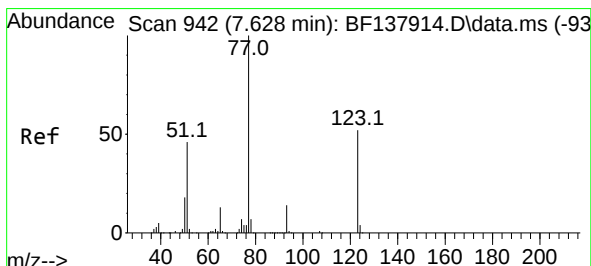
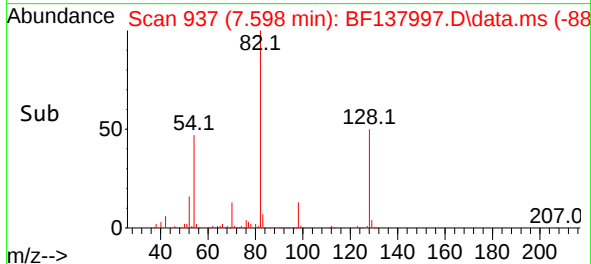
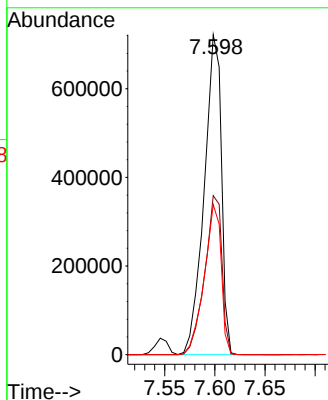
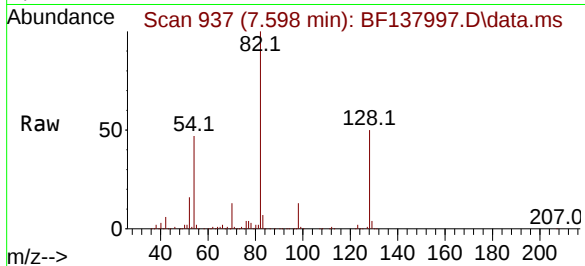
ClientSampleId :

PB161030BS

Tgt Ion: 82 Resp: 86574
Ion Ratio Lower Upper
82 100
128 49.7 40.3 60.5
54 46.9 36.8 55.2

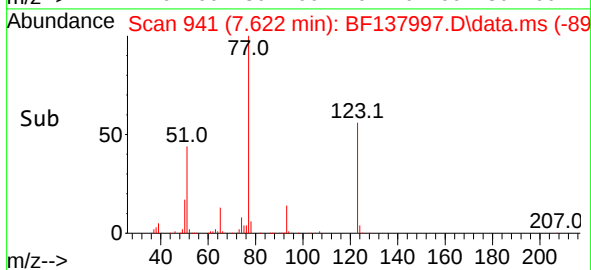
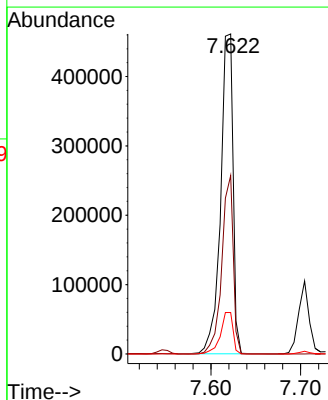
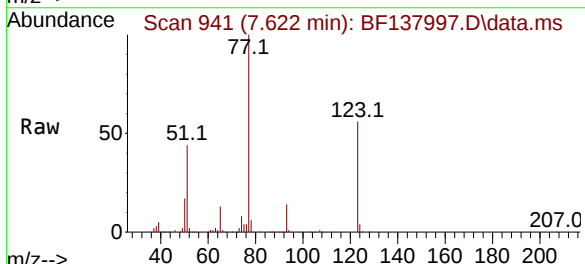
Manual Integrations
APPROVED

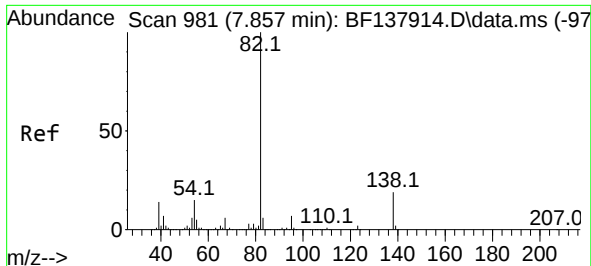
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#24
Nitrobenzene
Concen: 40.298 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

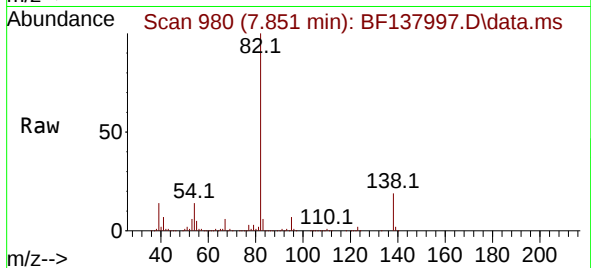
Tgt Ion: 77 Resp: 444377
Ion Ratio Lower Upper
77 100
123 55.8 41.4 62.2
65 13.0 10.5 15.7





#25
Isophorone
Concen: 44.265 ng
RT: 7.851 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

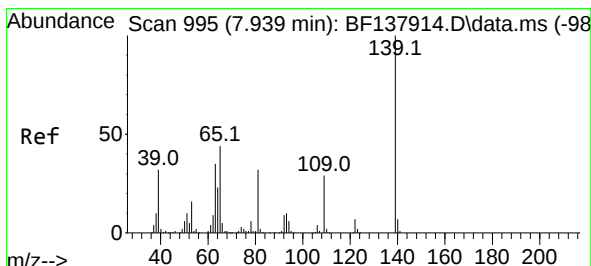
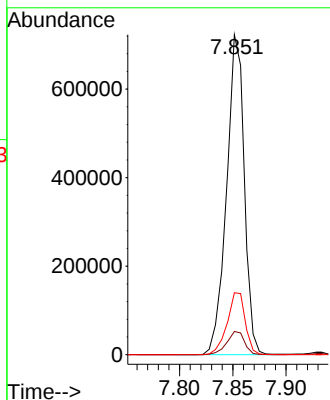
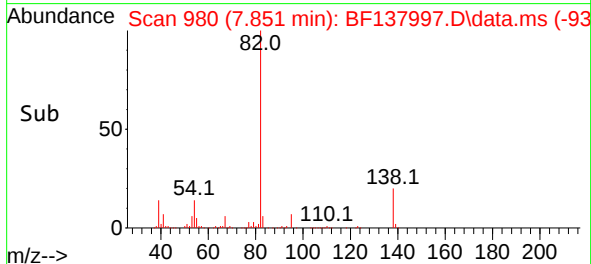
Instrument :
BNA_F
ClientSampleId :
PB161030BS



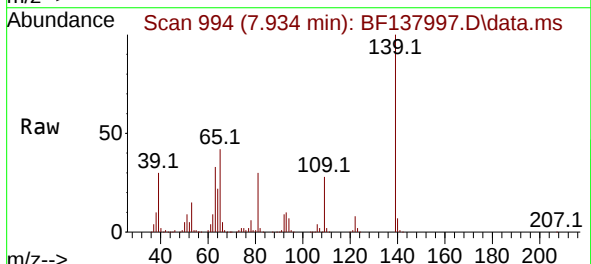
Tgt Ion: 82 Resp: 83510
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 19.4 15.0 22.4

Manual Integrations
APPROVED

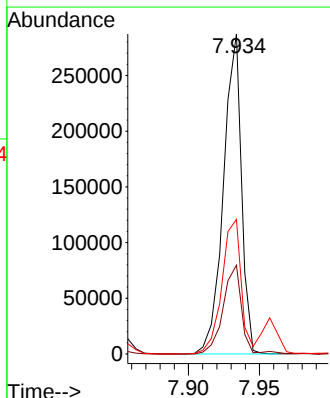
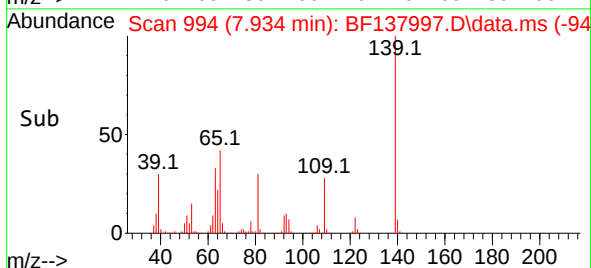
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

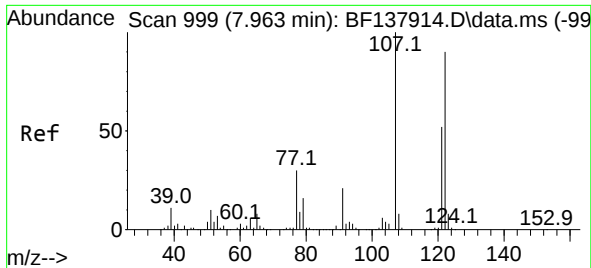


#26
2-Nitrophenol
Concen: 45.567 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:139 Resp: 252485
Ion Ratio Lower Upper
139 100
109 27.7 22.8 34.2
65 42.1 35.2 52.8





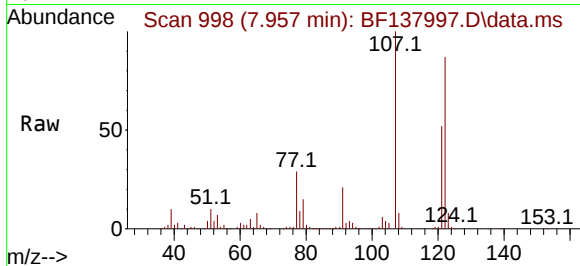
#27
2,4-Dimethylphenol
Concen: 47.374 ng
RT: 7.957 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

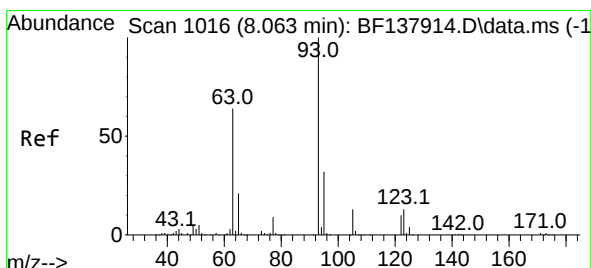
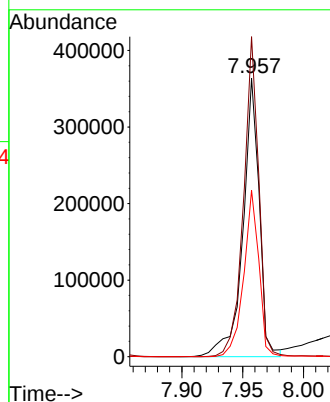
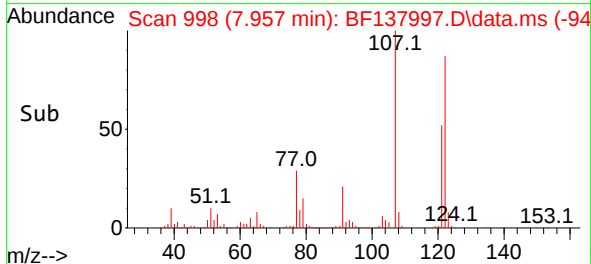


Tgt Ion:122 Resp: 337950
Ion Ratio Lower Upper
122 100
107 114.9 89.0 133.4
121 59.8 46.2 69.4

Manual Integrations

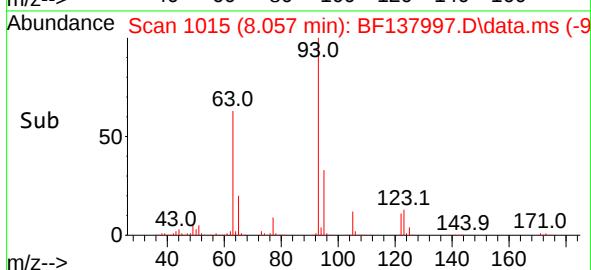
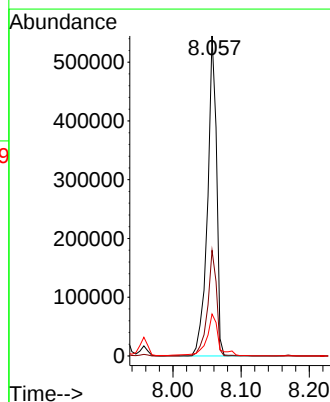
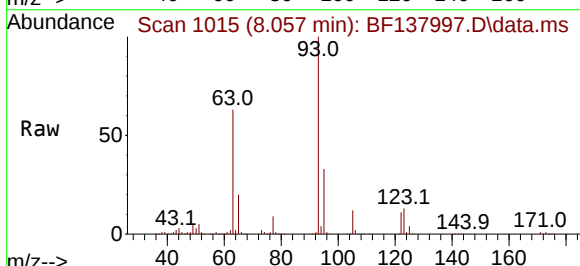
APPROVED

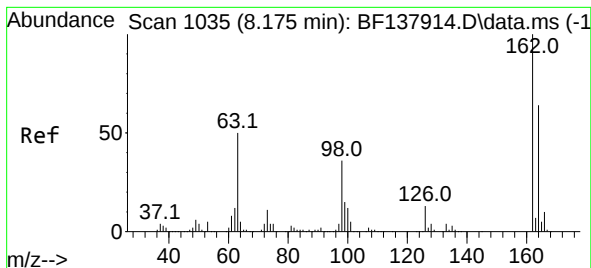
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.918 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion: 93 Resp: 502163
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 13.1 10.4 15.6





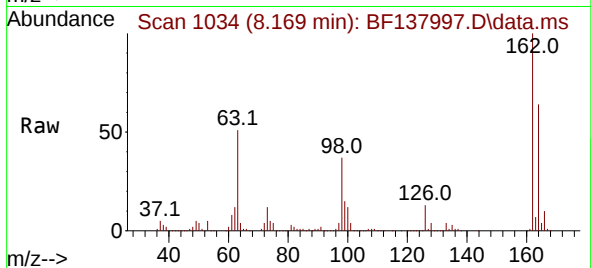
#29
2,4-Dichlorophenol
Concen: 44.215 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



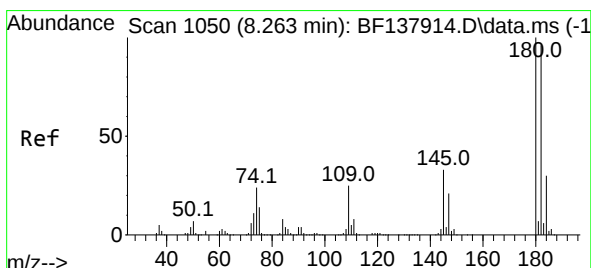
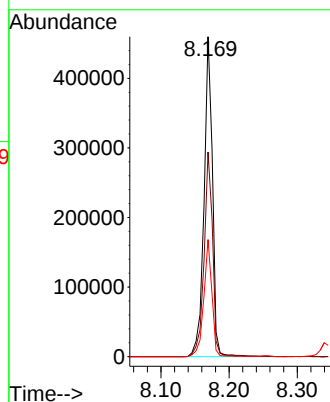
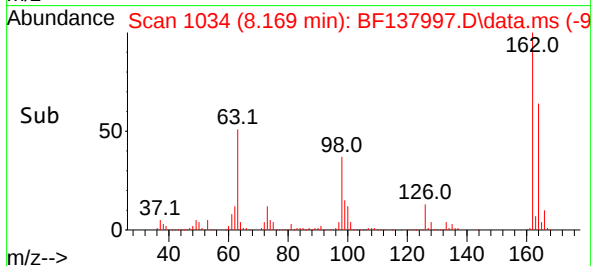
Tgt Ion:162 Resp: 396647
Ion Ratio Lower Upper
162 100
164 64.0 44.3 84.3
98 36.6 15.8 55.8

Manual Integrations

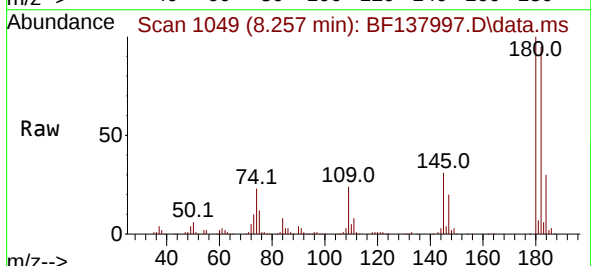
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

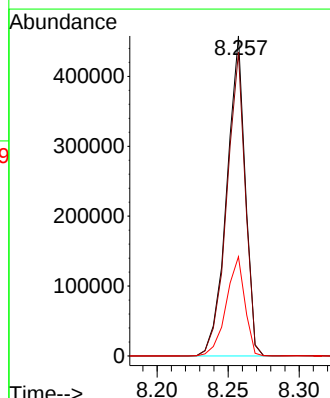
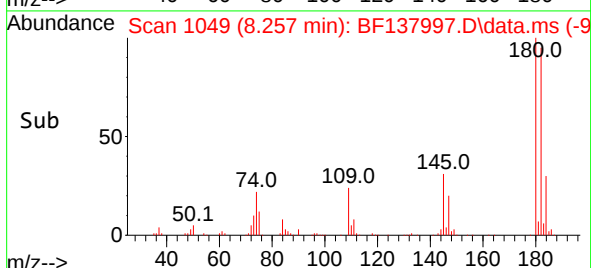
Supervised By :mohammad ahmed 05/24/2024

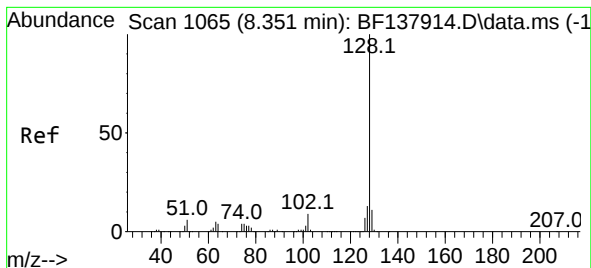


#30
1,2,4-Trichlorobenzene
Concen: 41.298 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:180 Resp: 413647
Ion Ratio Lower Upper
180 100
182 94.9 76.5 114.7
145 31.0 26.2 39.2





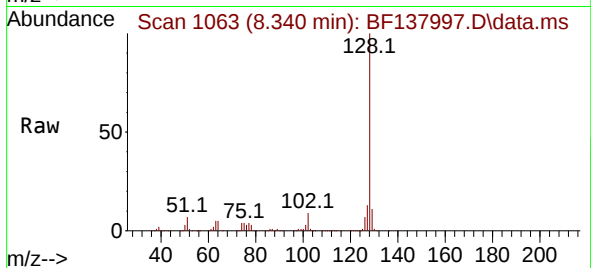
#31
Naphthalene
Concen: 41.421 ng
RT: 8.340 min Scan# 1065
Delta R.T. -0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



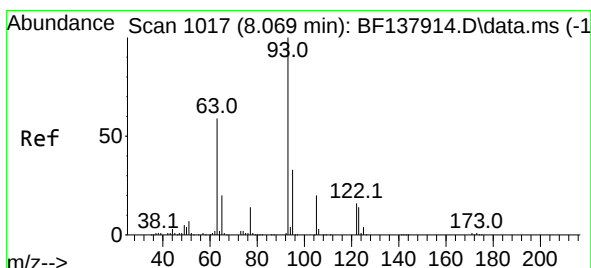
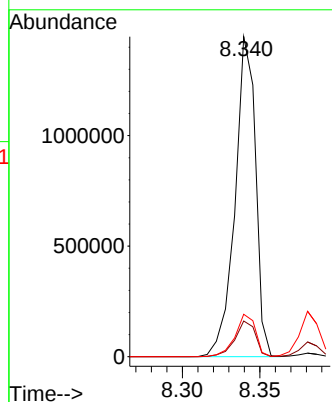
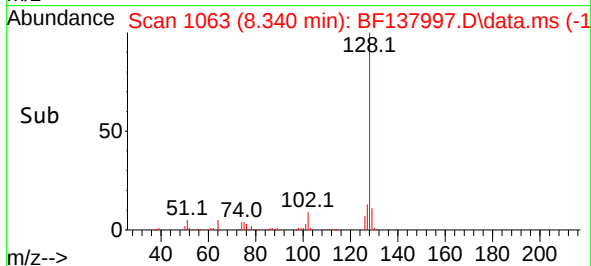
Tgt Ion:128 Resp: 133231
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 16.0

Manual Integrations

APPROVED

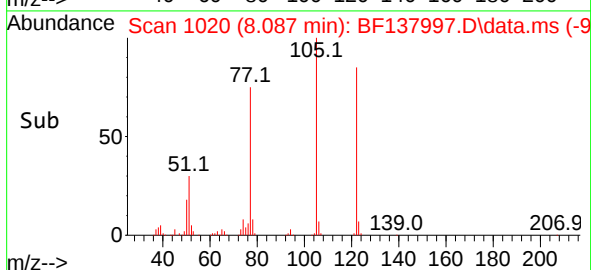
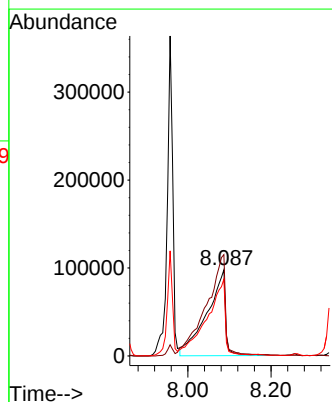
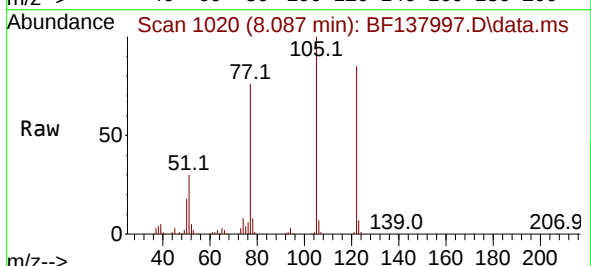
Reviewed By :Yogesh Patel 05/24/2024

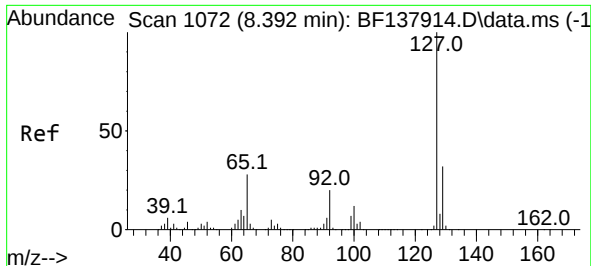
Supervised By :mohammad ahmed 05/24/2024



#32
Benzoic acid
Concen: 50.407 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.018 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:122 Resp: 303979
Ion Ratio Lower Upper
122 100
105 117.7 103.8 143.8
77 89.4 68.4 108.4





#33
4-Chloroaniline
Concen: 19.391 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

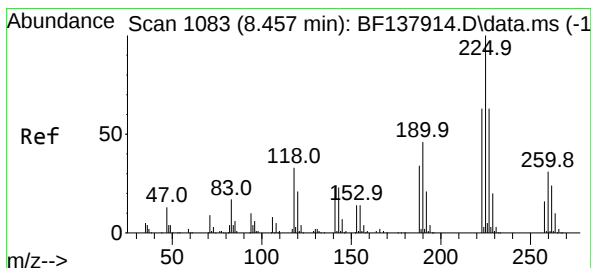
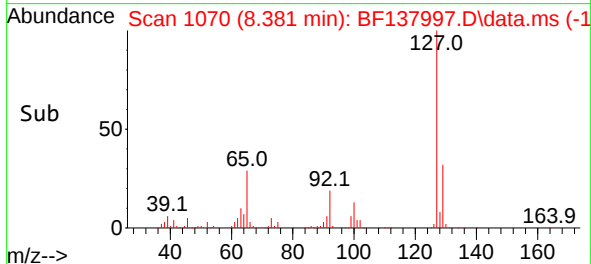
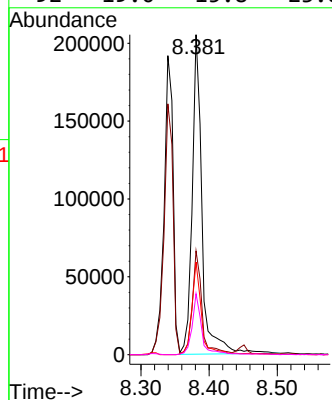
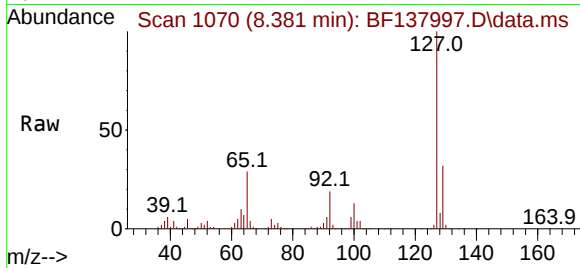
ClientSampleId :

PB161030BS

Tgt Ion:127 Resp: 204462
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.2
65 29.0 22.0 33.0
92 19.0 15.8 23.8

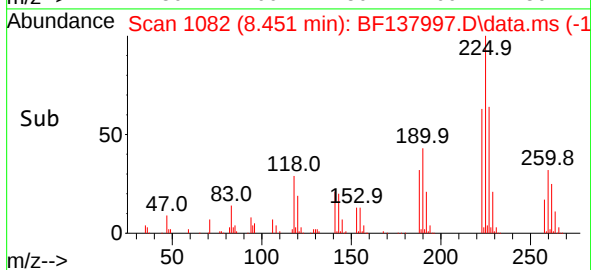
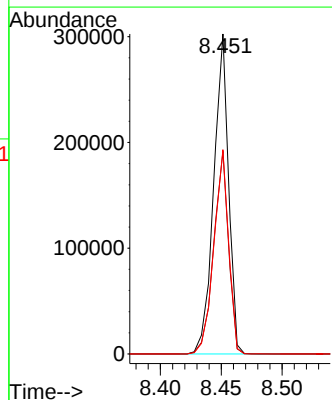
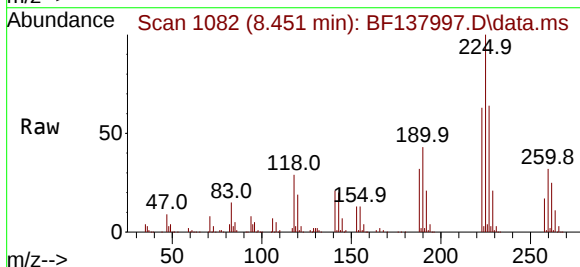
Manual Integrations
APPROVED

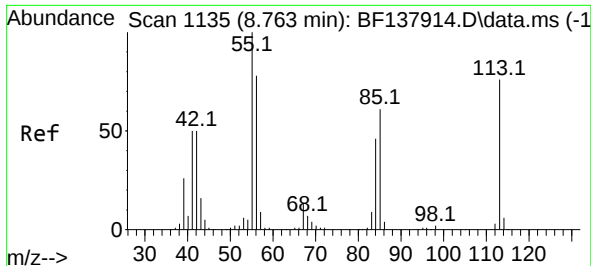
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#34
Hexachlorobutadiene
Concen: 40.339 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

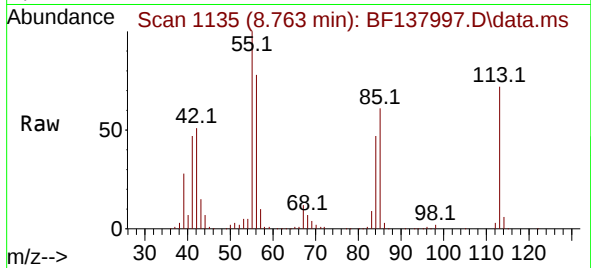
Tgt Ion:225 Resp: 255741
Ion Ratio Lower Upper
225 100
223 63.4 50.0 75.0
227 63.8 50.2 75.4





#35
Caprolactam
Concen: 49.123 ng m
RT: 8.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

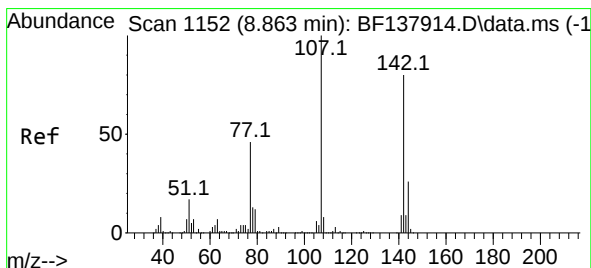
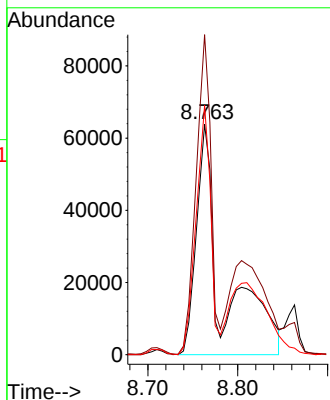
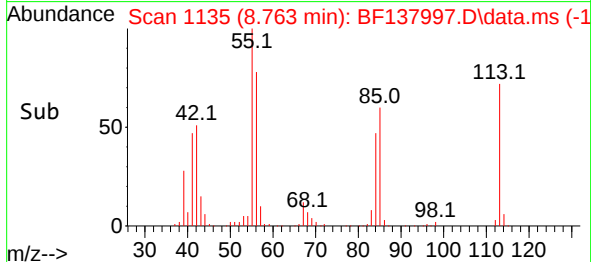
Instrument :
BNA_F
ClientSampleId :
PB161030BS



Tgt Ion:113 Resp: 127670
Ion Ratio Lower Upper
113 100
55 138.9 112.3 152.3
56 108.2 82.7 122.7

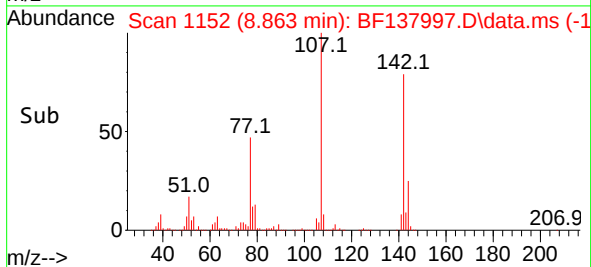
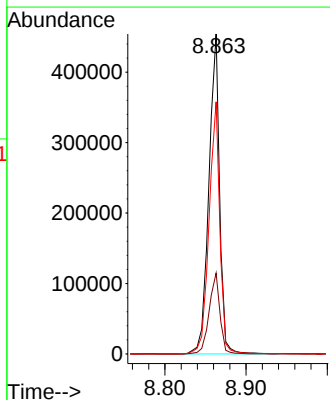
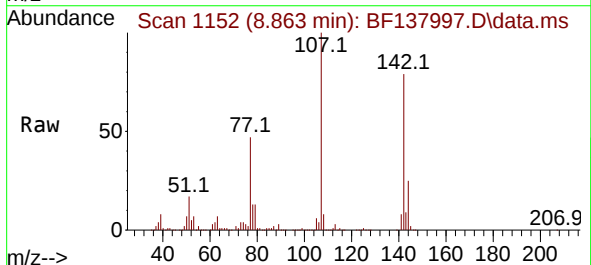
Manual Integrations
APPROVED

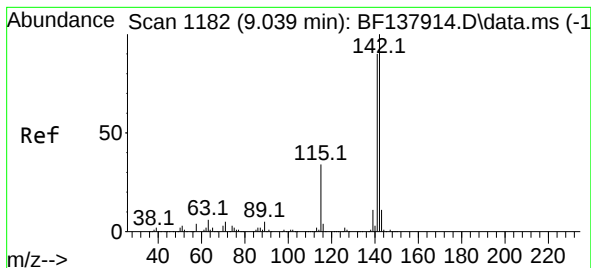
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#36
4-Chloro-3-methylphenol
Concen: 45.577 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:107 Resp: 415921
Ion Ratio Lower Upper
107 100
144 25.3 20.7 31.1
142 78.8 64.0 96.0





#37
2-Methylnaphthalene
Concen: 43.114 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

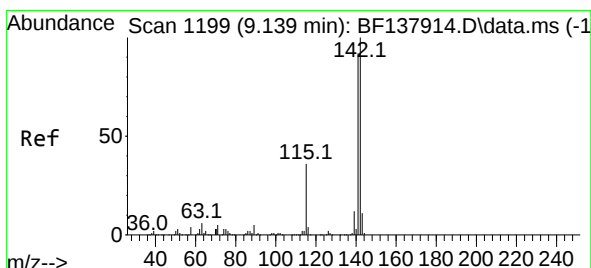
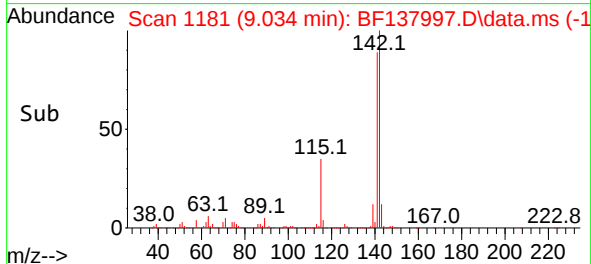
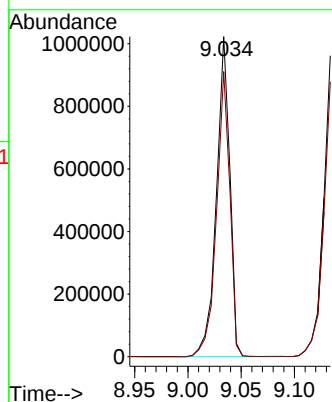
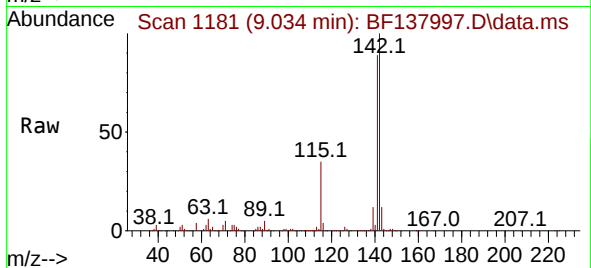
PB161030BS

Tgt Ion:142 Resp: 891410
Ion Ratio Lower Upper
142 100
141 89.1 72.0 108.0

Manual Integrations

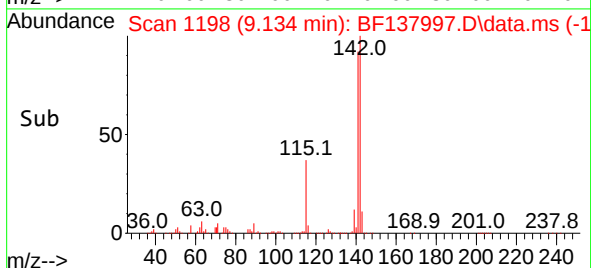
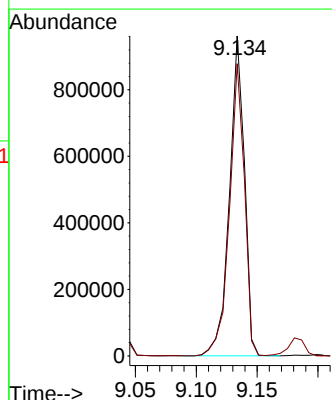
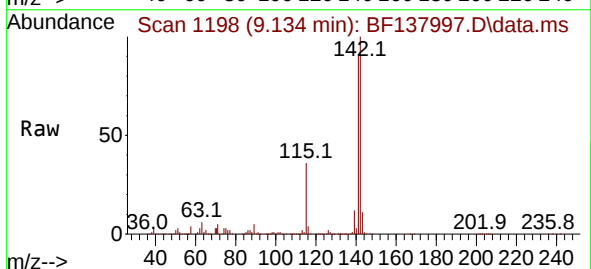
APPROVED

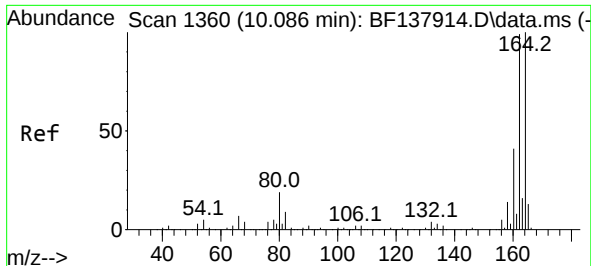
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#38
1-Methylnaphthalene
Concen: 40.417 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:142 Resp: 821532
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5





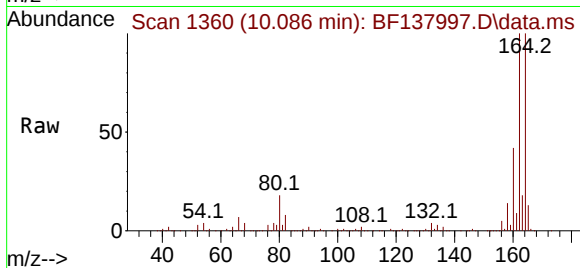
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



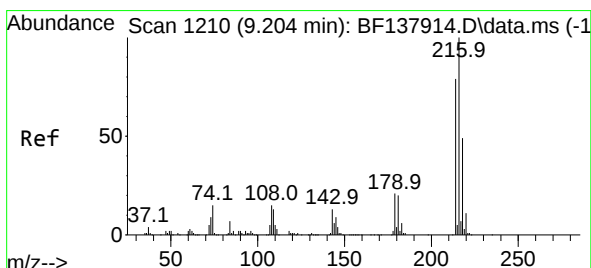
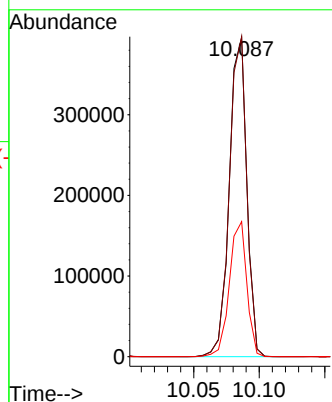
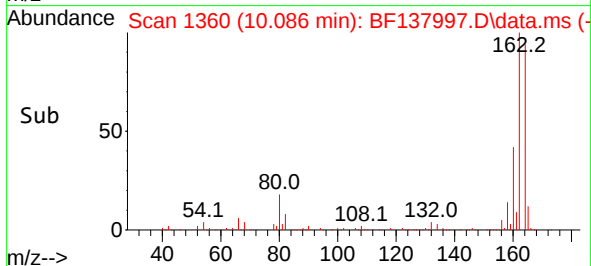
Tgt Ion:164 Resp: 367040
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.2
160 42.3 33.1 49.7

Manual Integrations

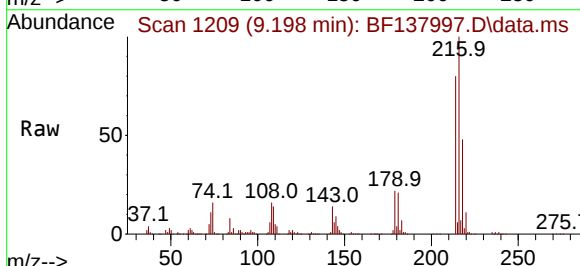
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

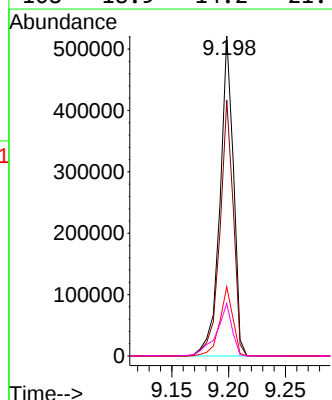
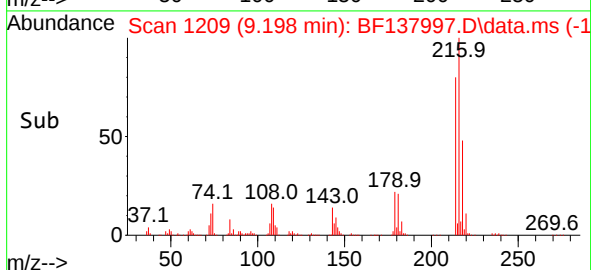
Supervised By :mohammad ahmed 05/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.151 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



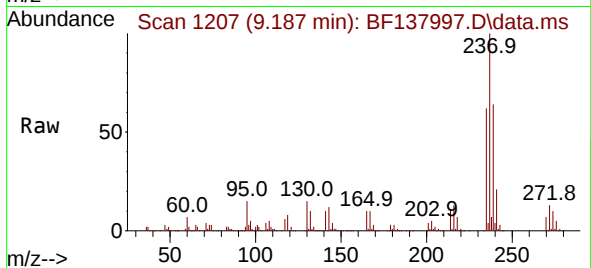
Tgt Ion:216 Resp: 430589
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.2
179 21.2 17.0 25.4
108 18.9 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 122.184 ng
RT: 9.187 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

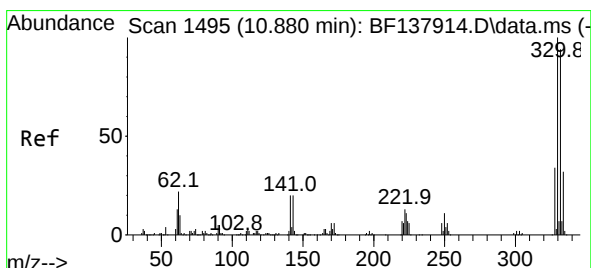
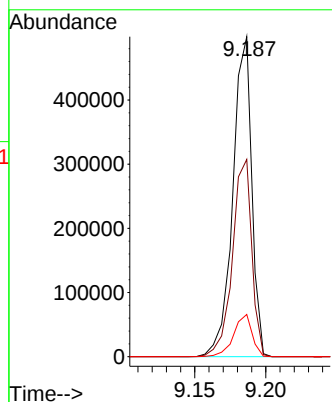
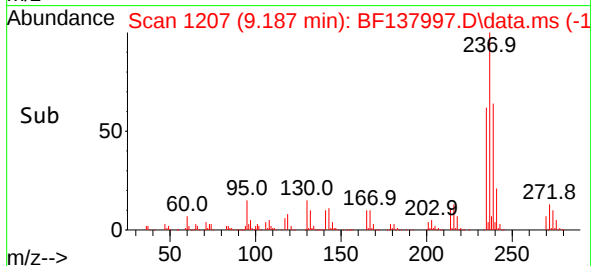
Instrument :
BNA_F
ClientSampleId :
PB161030BS



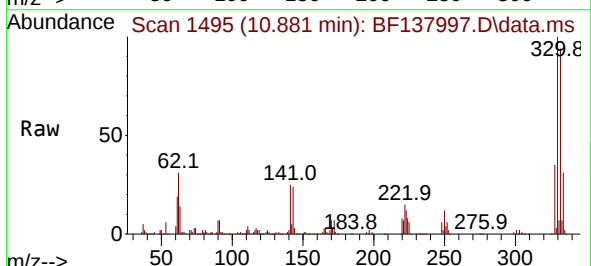
Tgt Ion:237 Resp: 463270
Ion Ratio Lower Upper
237 100
235 61.7 42.8 82.8
272 13.2 0.0 32.0

Manual Integrations
APPROVED

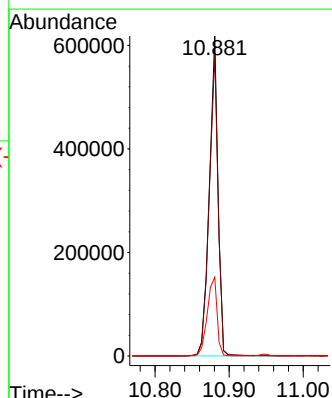
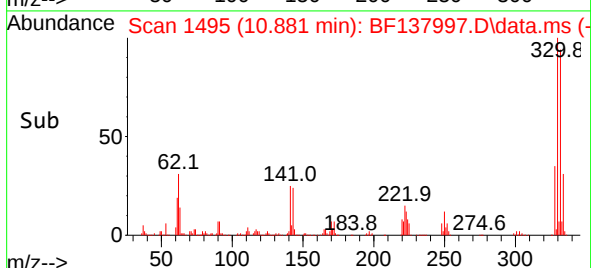
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

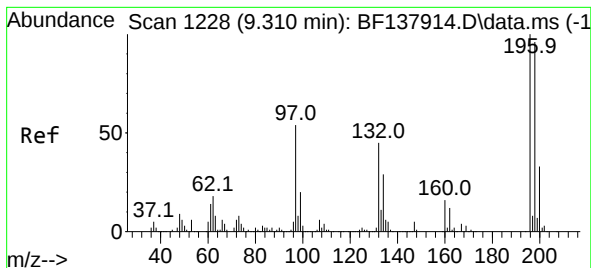


#42
2,4,6-Tribromophenol
Concen: 137.275 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:330 Resp: 508045
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 27.6 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 46.469 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF137997.D

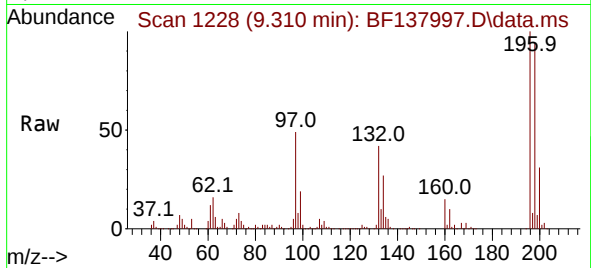
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



Tgt Ion:196 Resp: 30403

Ion Ratio Lower Upper

196 100

198 94.3 77.0 115.4

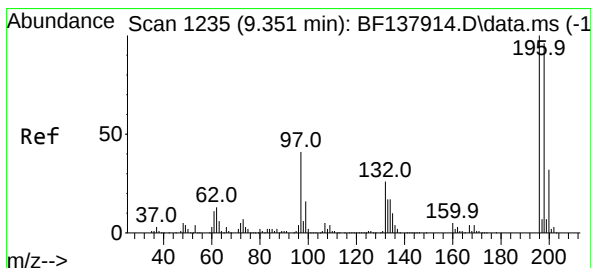
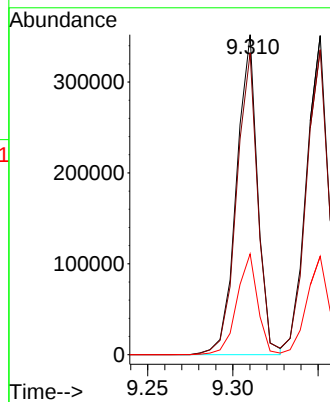
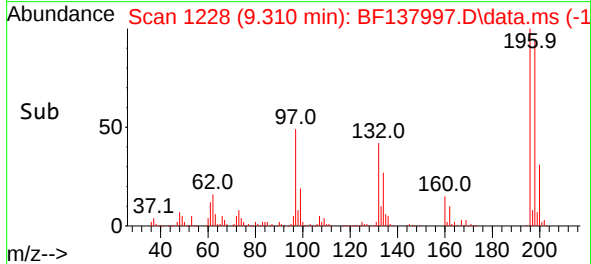
200 31.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#44

2,4,5-Trichlorophenol

Concen: 44.310 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

Tgt Ion:196 Resp: 317207

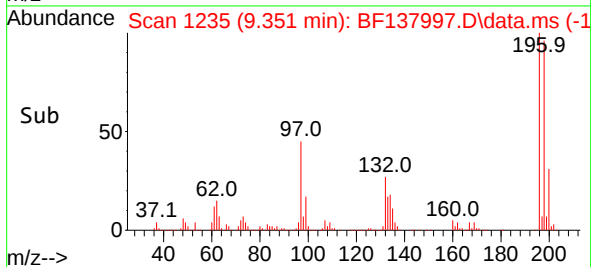
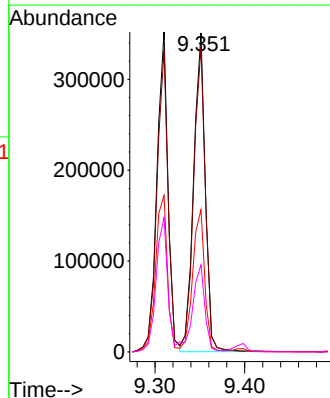
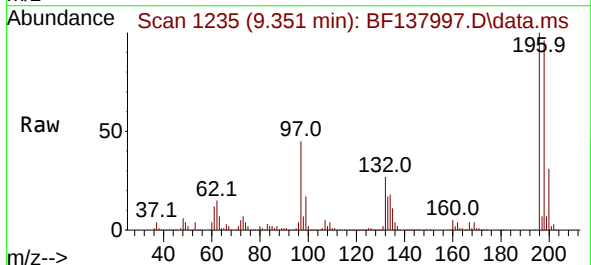
Ion Ratio Lower Upper

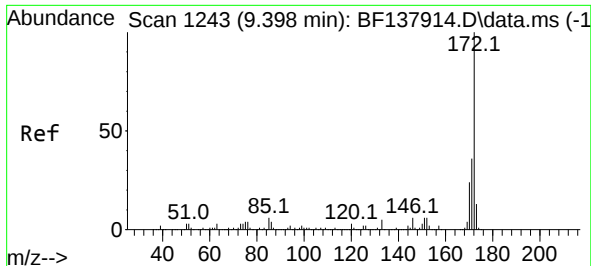
196 100

198 95.6 77.4 116.0

97 44.6 32.9 49.3

132 27.4 21.0 31.6





#45
2-Fluorobiphenyl
Concen: 78.530 ng
RT: 9.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

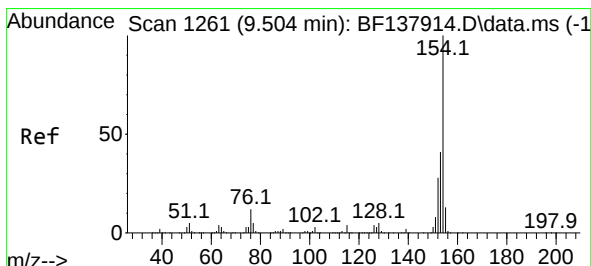
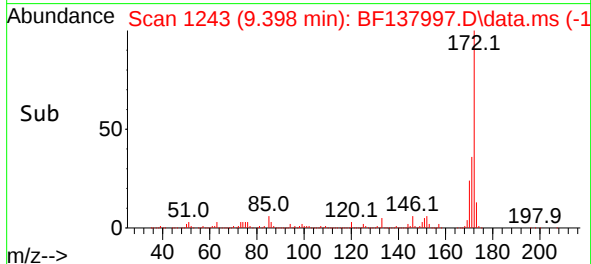
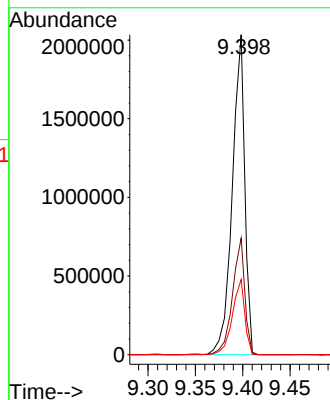
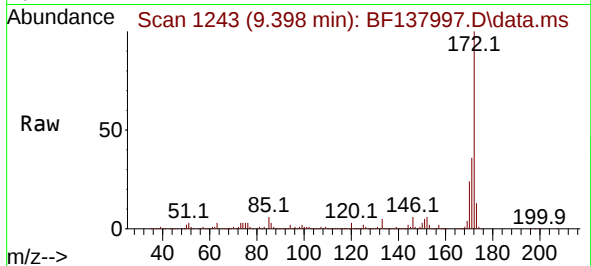
PB161030BS

Tgt Ion:172 Resp: 1871210
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 23.5 18.9 28.3

Manual Integrations

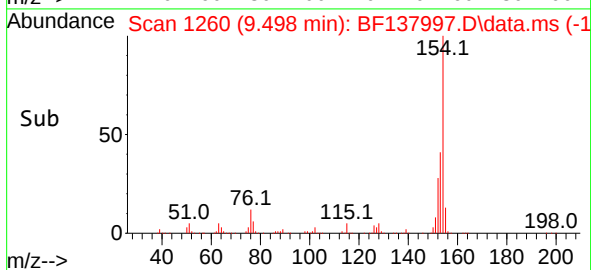
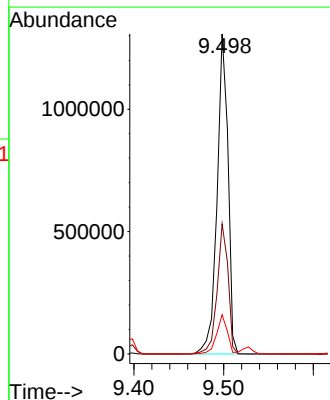
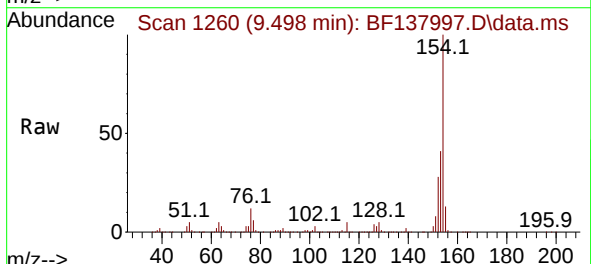
APPROVED

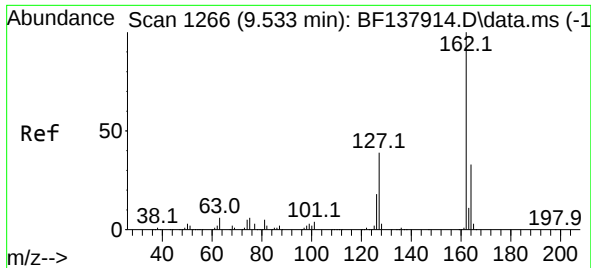
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#46
1,1'-Biphenyl
Concen: 42.886 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:154 Resp: 1104066
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 12.3 0.0 31.9





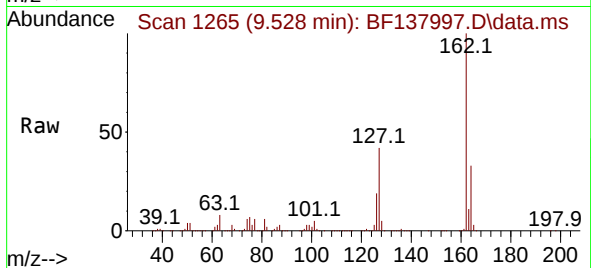
#47
2-Chloronaphthalene
Concen: 41.779 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

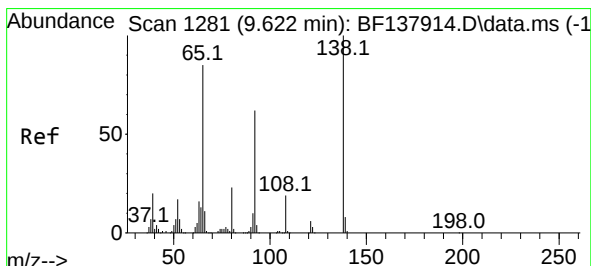
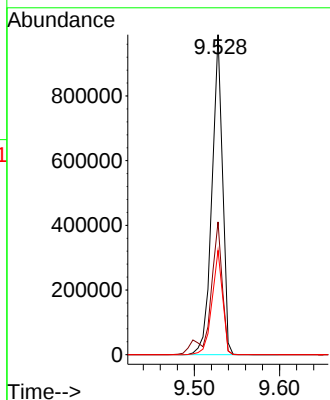
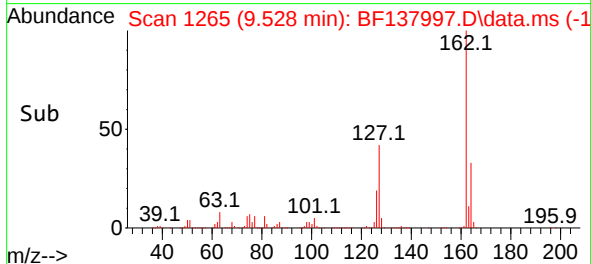
PB161030BS



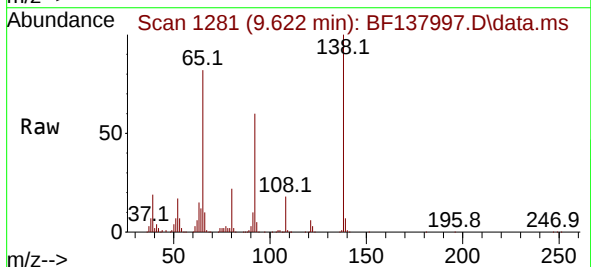
Tgt Ion:162 Resp: 858579
Ion Ratio Lower Upper
162 100
127 41.5 32.0 48.0
164 32.6 26.2 39.4

Manual Integrations
APPROVED

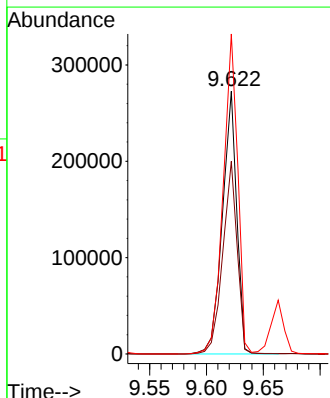
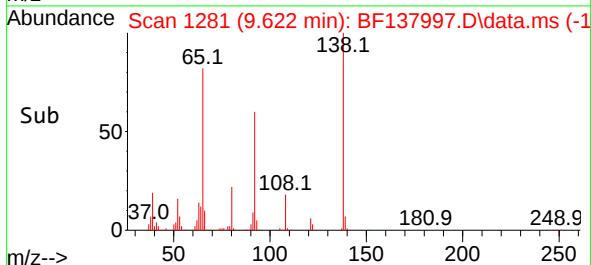
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

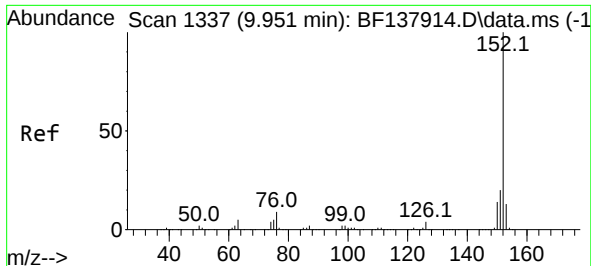


#48
2-Nitroaniline
Concen: 45.677 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion: 65 Resp: 240375
Ion Ratio Lower Upper
65 100
92 73.3 58.6 88.0
138 121.8 94.1 141.1





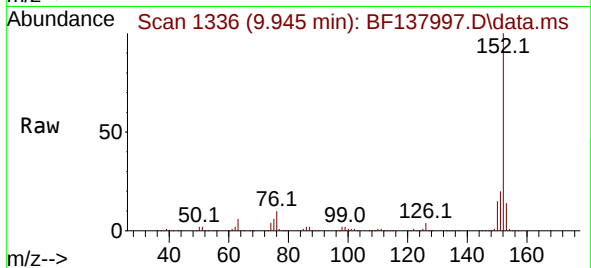
#49
Acenaphthylene
Concen: 46.235 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



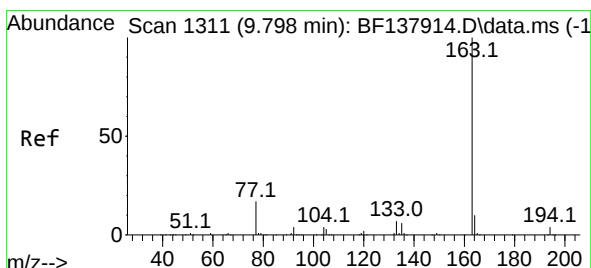
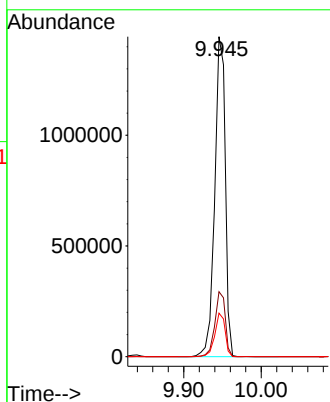
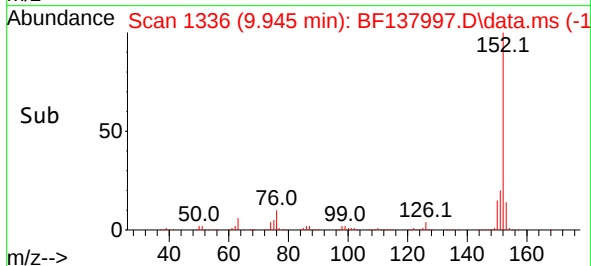
Tgt Ion:152 Resp: 136619
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.6 10.2 15.4

Manual Integrations

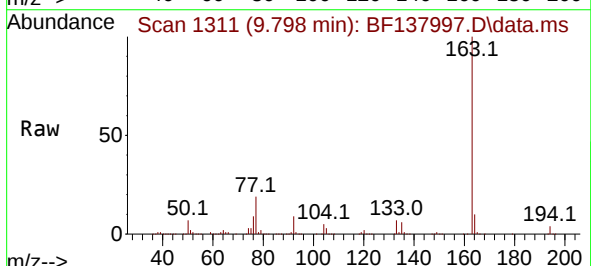
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

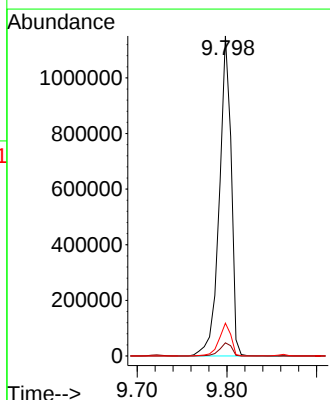
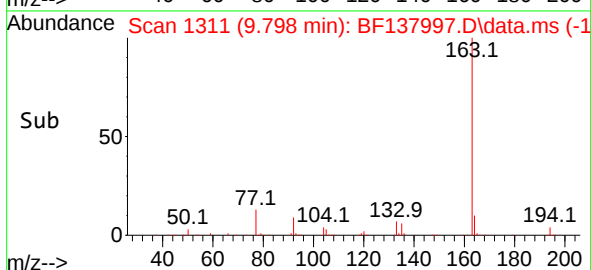
Supervised By :mohammad ahmed 05/24/2024

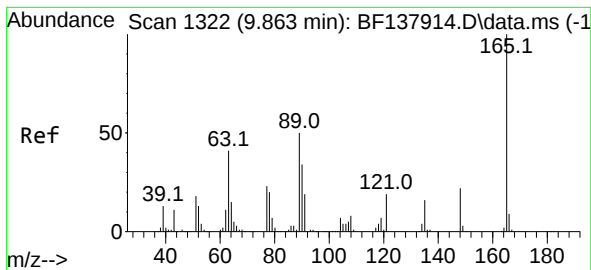


#50
Dimethylphthalate
Concen: 45.658 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:163 Resp: 1050887
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.593 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

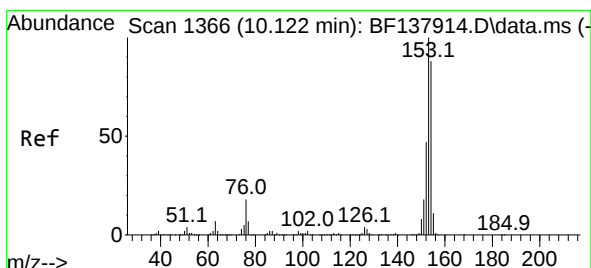
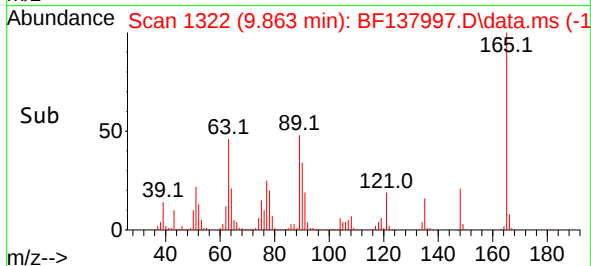
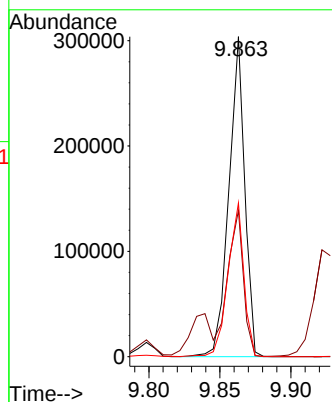
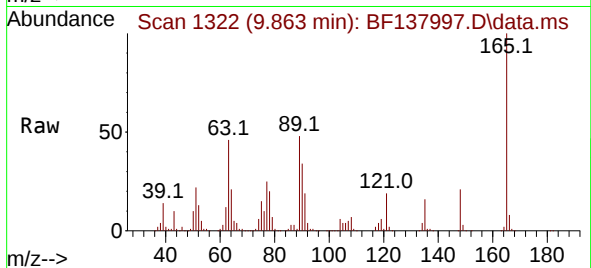
PB161030BS

Tgt Ion:165 Resp: 23556
Ion Ratio Lower Upper
165 100
63 45.7 38.9 58.3
89 48.0 40.4 60.6

Manual Integrations

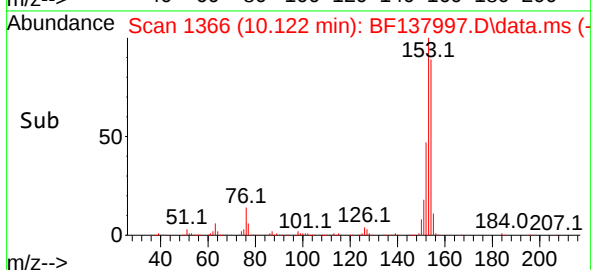
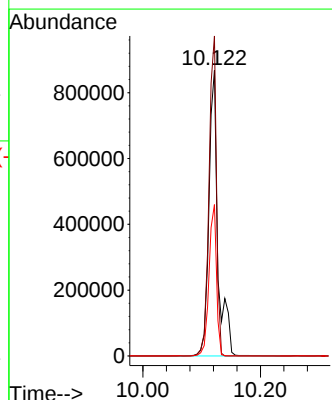
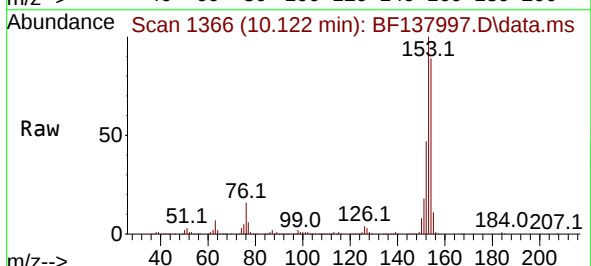
APPROVED

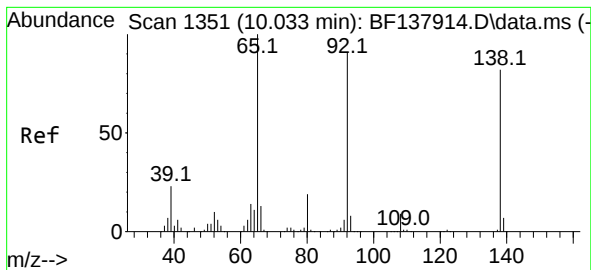
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#52
Acenaphthene
Concen: 47.666 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:154 Resp: 930922
Ion Ratio Lower Upper
154 100
153 112.0 90.4 135.6
152 53.0 42.3 63.5





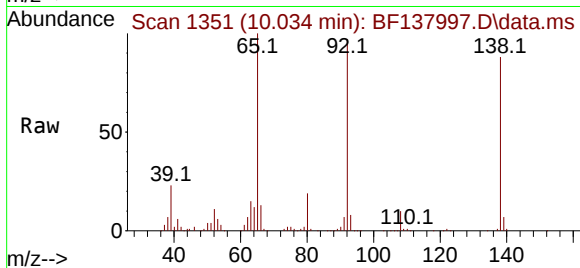
#53
3-Nitroaniline
Concen: 32.969 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



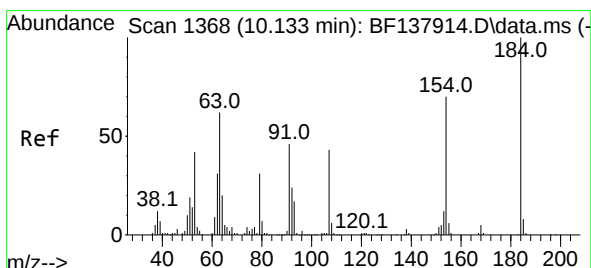
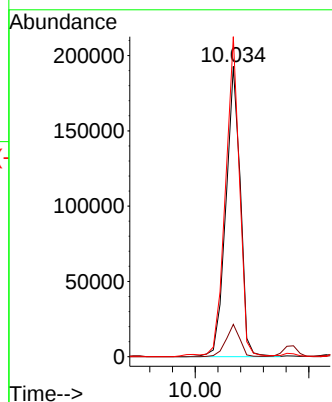
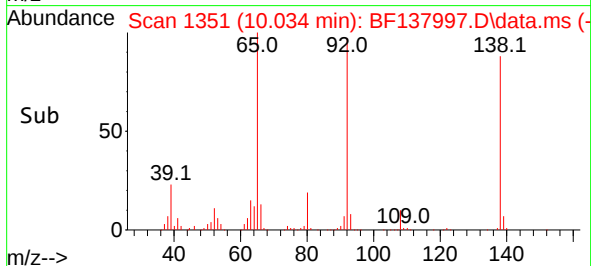
Tgt Ion:138 Resp: 170260
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 110.3 88.6 133.0

Manual Integrations

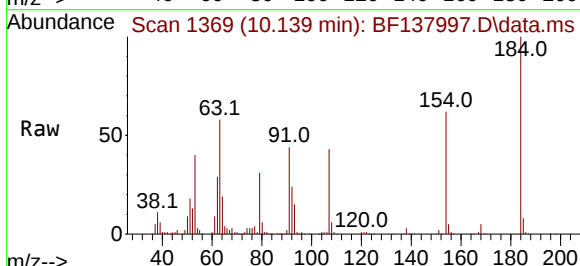
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

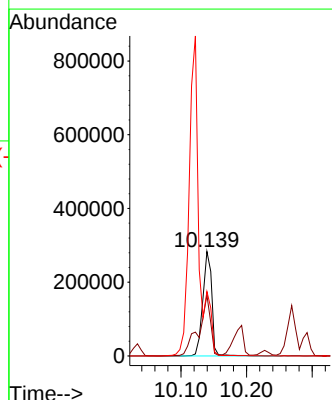
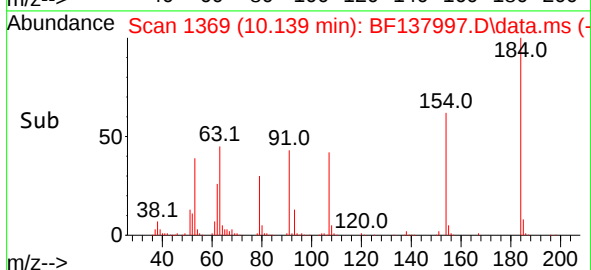
Supervised By :mohammad ahmed 05/24/2024

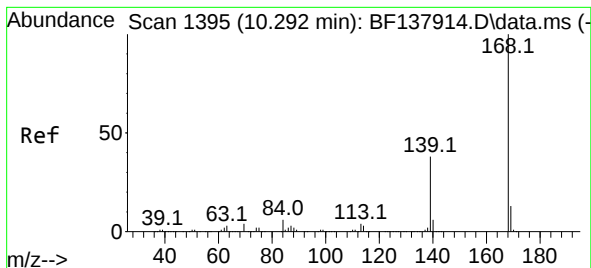


#54
2,4-Dinitrophenol
Concen: 93.807 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



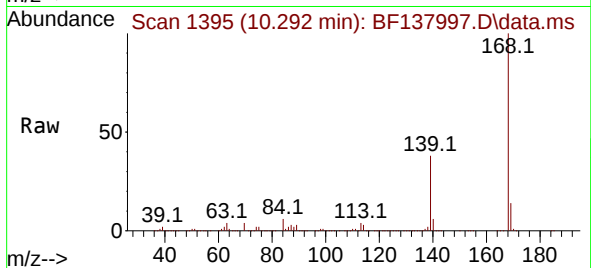
Tgt Ion:184 Resp: 271476
Ion Ratio Lower Upper
184 100
63 58.2 50.4 75.6
154 61.6 63.7 95.5#





#55
Dibenzenofuran
Concen: 43.745 ng
RT: 10.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

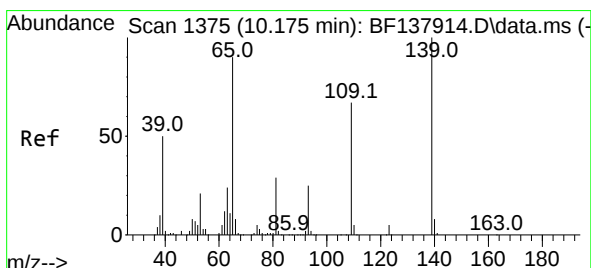
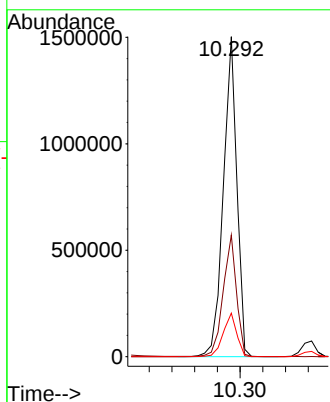
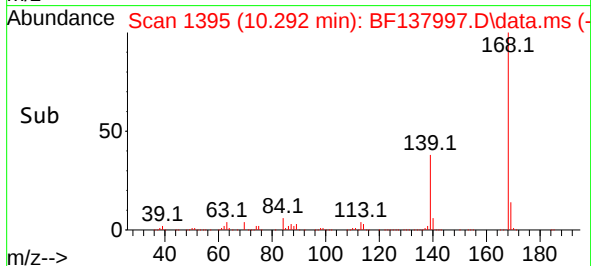
Instrument :
BNA_F
ClientSampleId :
PB161030BS



Tgt Ion:168 Resp: 124336
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.6 10.5 15.7

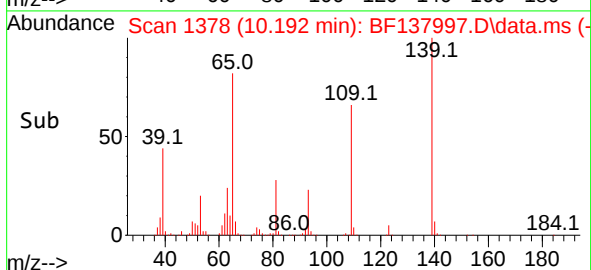
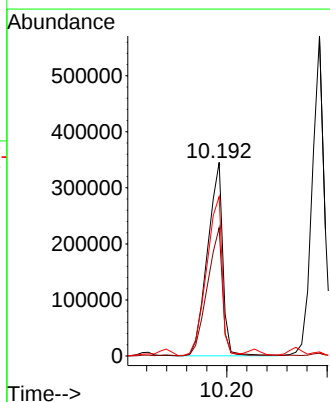
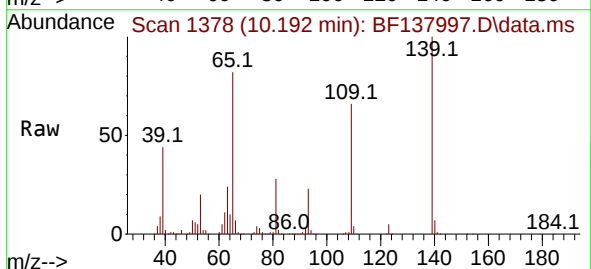
Manual Integrations
APPROVED

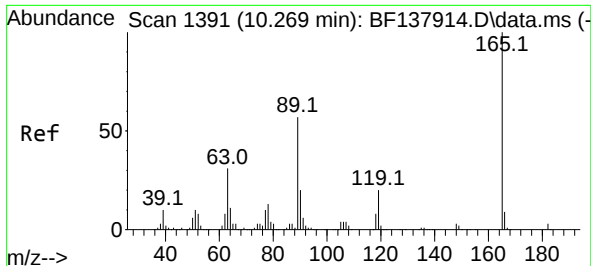
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#56
4-Nitrophenol
Concen: 98.434 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:139 Resp: 365111
Ion Ratio Lower Upper
139 100
109 66.3 46.5 86.5
65 82.4 70.4 110.4





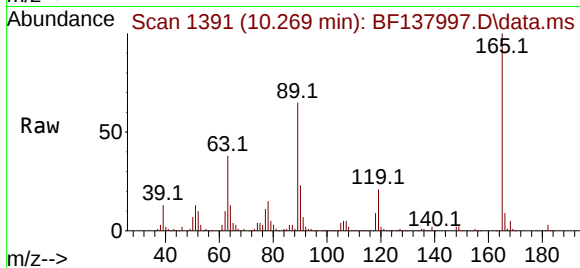
#57
2,4-Dinitrotoluene
Concen: 46.985 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



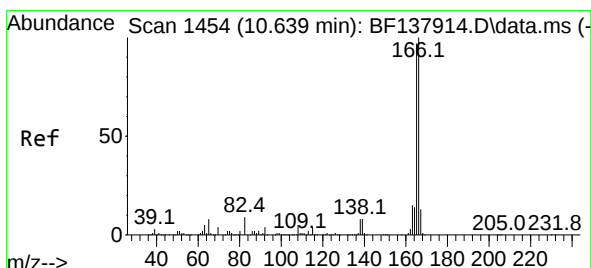
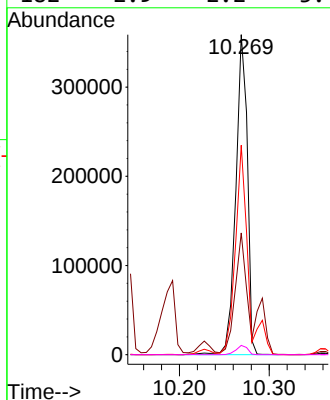
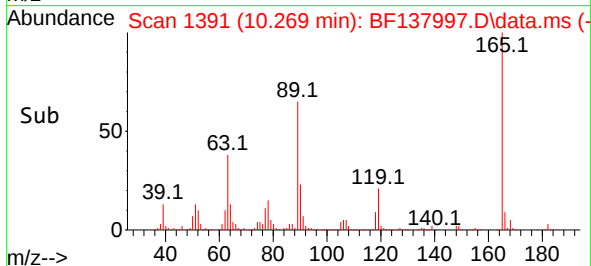
Tgt Ion:165 Resp: 320872
Ion Ratio Lower Upper
165 100
63 38.1 25.3 37.9
89 65.5 45.9 68.9
182 2.9 2.2 3.4

Manual Integrations

APPROVED

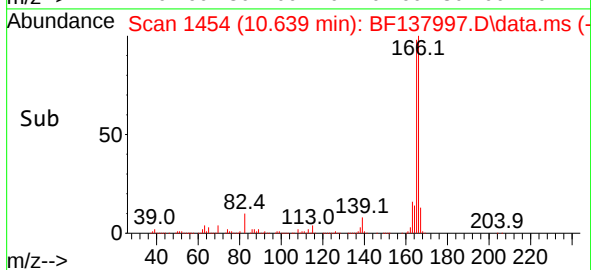
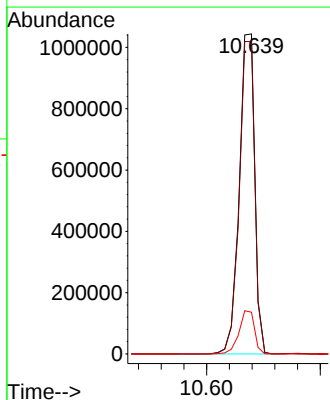
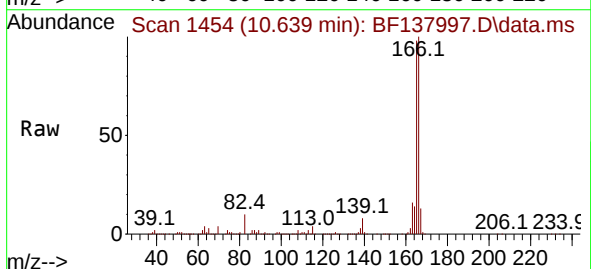
Reviewed By :Yogesh Patel 05/24/2024

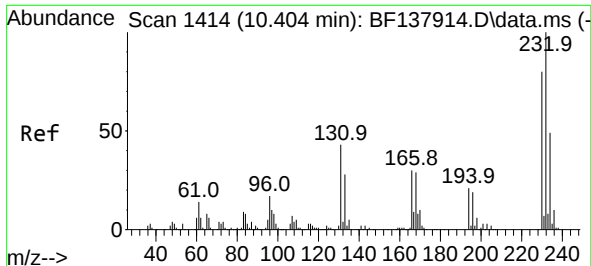
Supervised By :mohammad ahmed 05/24/2024



#58
Fluorene
Concen: 44.019 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Tgt Ion:166 Resp: 989616
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 13.1 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.404 ng

RT: 10.404 min Scan# 1414

Delta R.T. 0.000 min

Lab File: BF137997.D

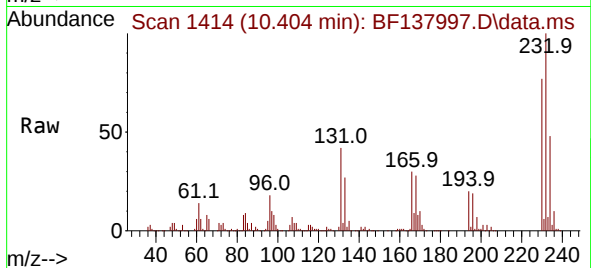
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



Tgt Ion:232 Resp: 272215

Ion Ratio Lower Upper

232 100

131 41.5 34.4 51.6

130 2.0 1.7 2.5

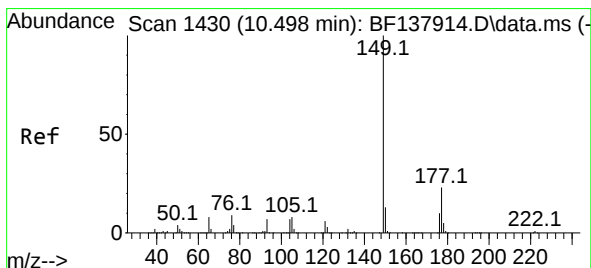
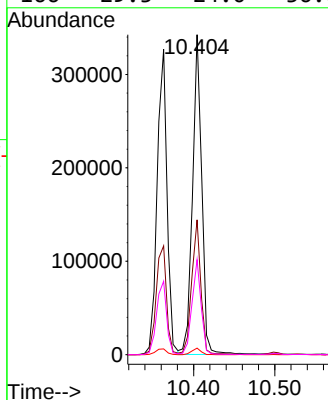
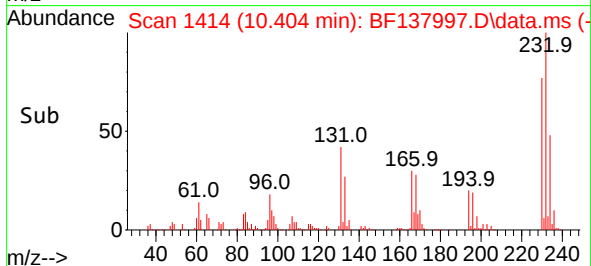
166 29.3 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#60

Diethylphthalate

Concen: 46.476 ng

RT: 10.498 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

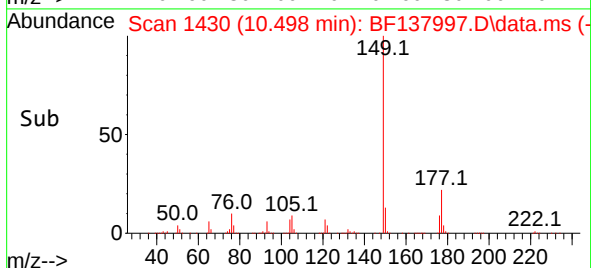
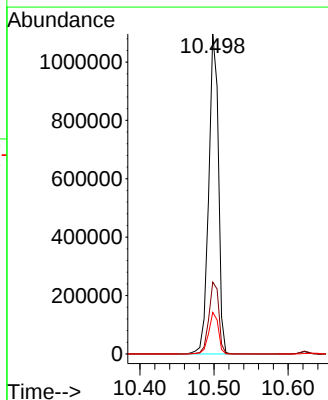
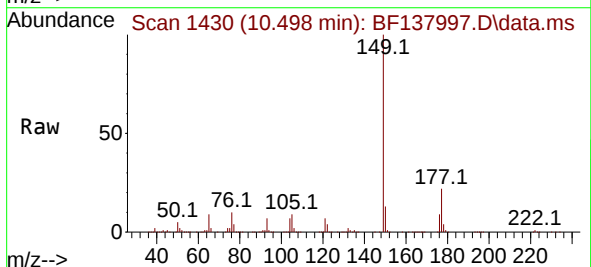
Tgt Ion:149 Resp: 999046

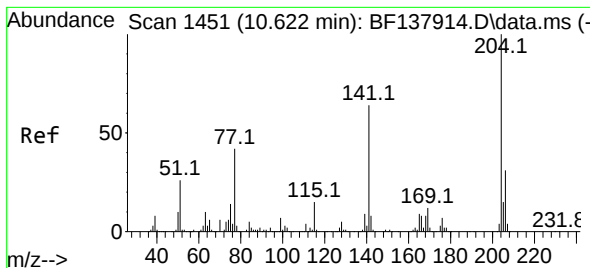
Ion Ratio Lower Upper

149 100

177 22.4 18.4 27.6

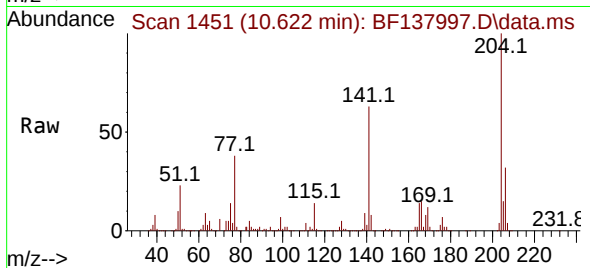
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.517 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

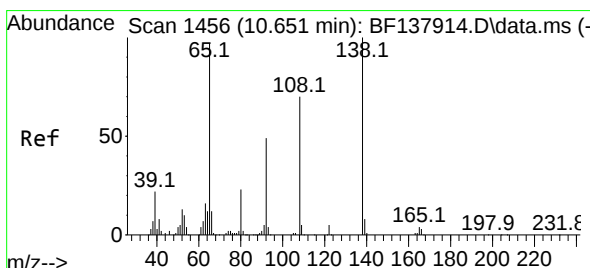
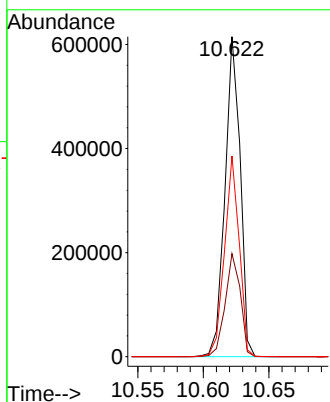
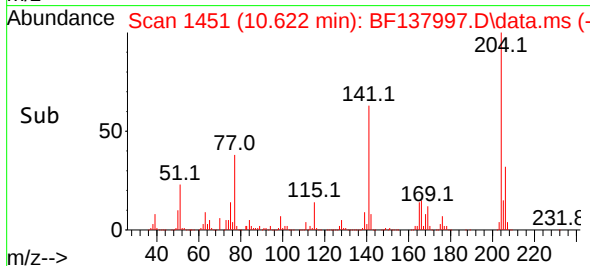
Instrument :
BNA_F
ClientSampleId :
PB161030BS



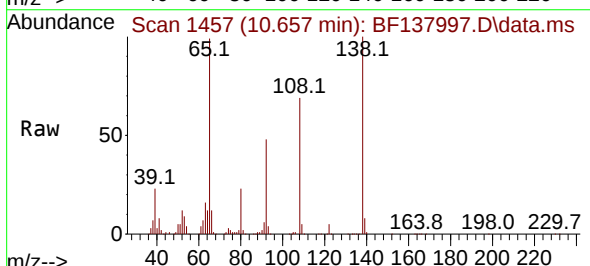
Tgt Ion:204 Resp: 49355
Ion Ratio Lower Upper
204 100
206 32.2 25.1 37.7
141 62.7 51.0 76.6

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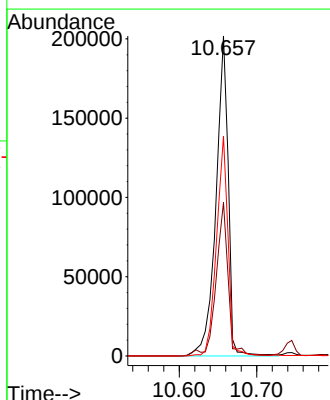
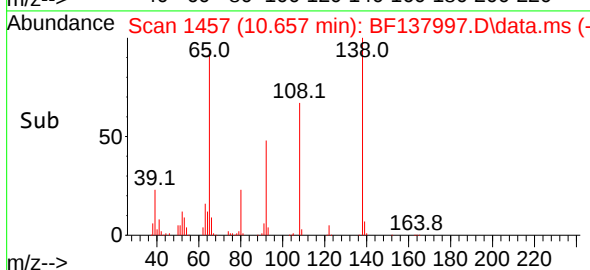
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

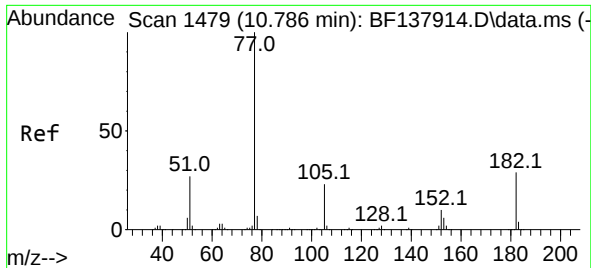


#62
4-Nitroaniline
Concen: 45.256 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:138 Resp: 221677
Ion Ratio Lower Upper
138 100
92 48.0 29.0 69.0
108 68.7 49.7 89.7





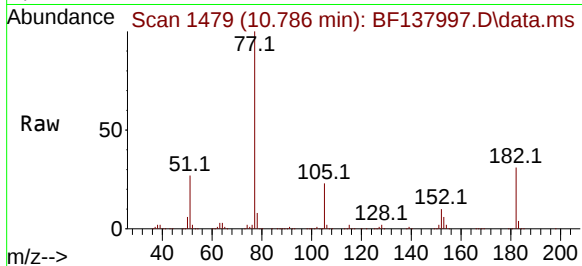
#63
Azobenzene
Concen: 45.918 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



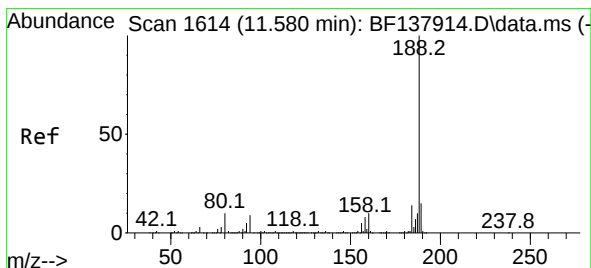
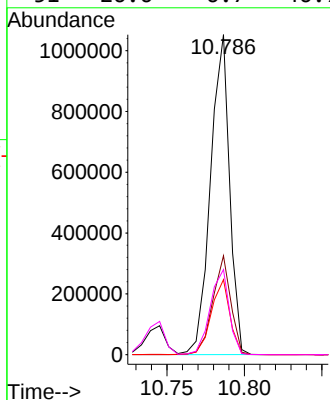
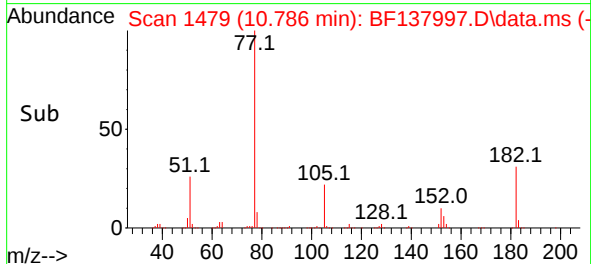
Tgt Ion: 77 Resp: 897810
Ion Ratio Lower Upper
77 100
182 30.9 9.2 49.2
105 23.5 3.1 43.1
51 26.6 6.7 46.7

Manual Integrations

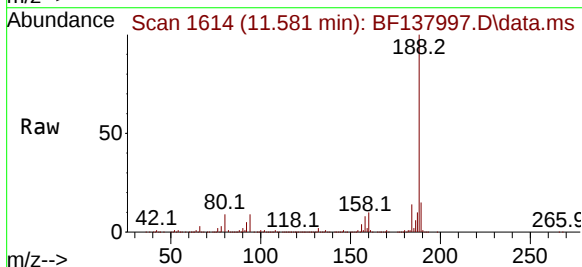
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Reviewed By :Yogesh Patel 05/24/2024

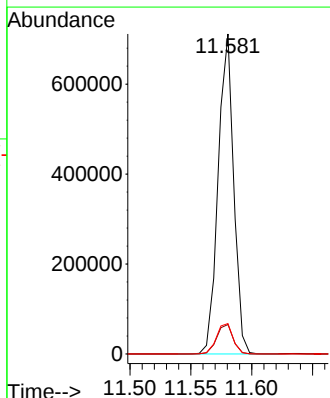
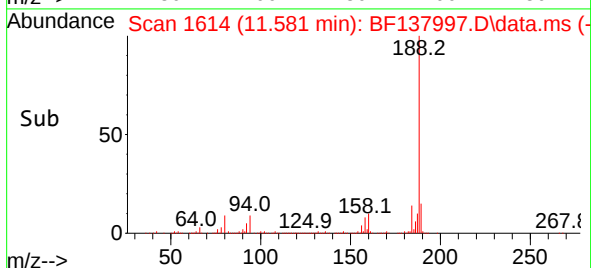
Supervised By :mohammad ahmed 05/24/2024

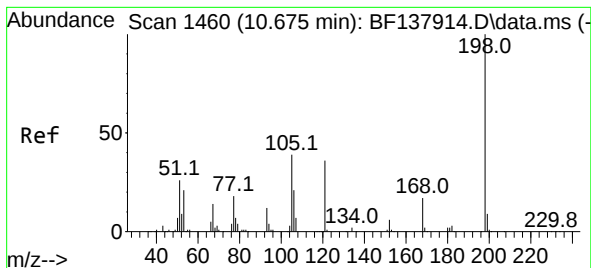


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.581 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



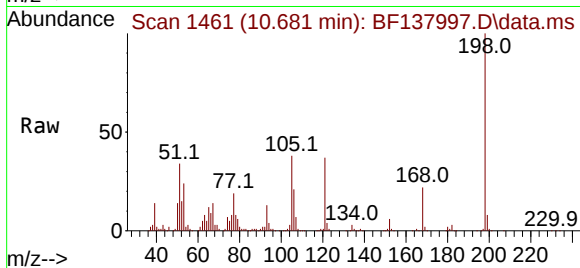
Tgt Ion:188 Resp: 633899
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 9.5 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 51.033 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

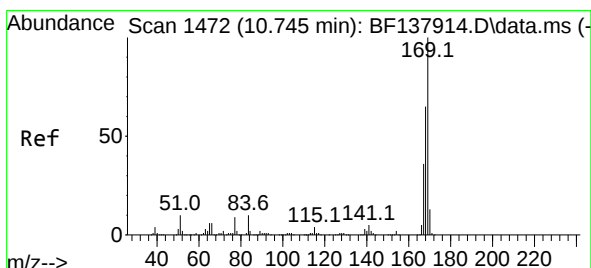
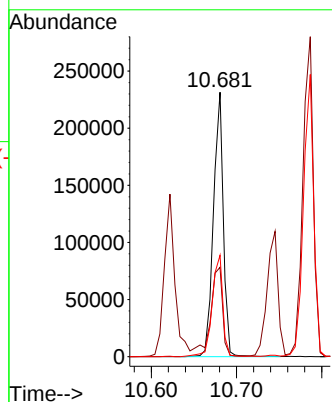
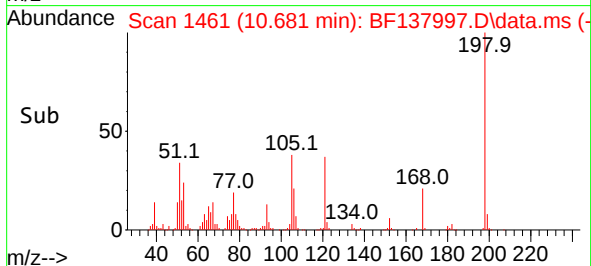
Instrument :
BNA_F
ClientSampleId :
PB161030BS



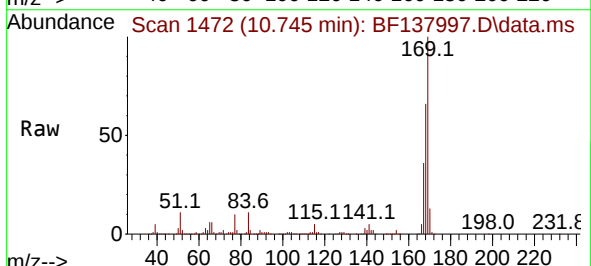
Tgt Ion:198 Resp: 18679
Ion Ratio Lower Upper
198 100
51 33.8 13.8 53.8
105 38.3 19.0 59.0

Manual Integrations
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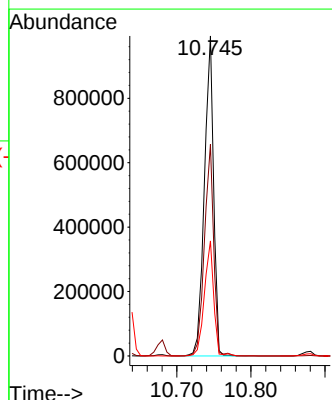
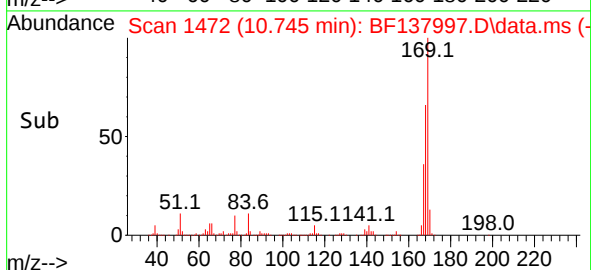
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

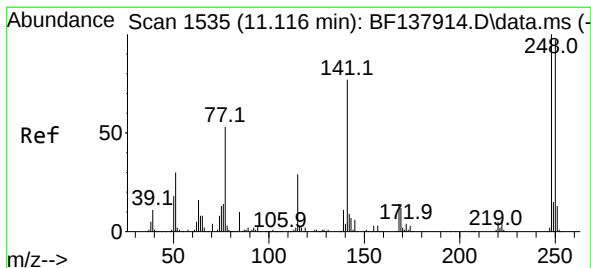


#66
n-Nitrosodiphenylamine
Concen: 44.234 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:169 Resp: 859896
Ion Ratio Lower Upper
169 100
168 66.1 52.4 78.6
167 35.9 28.9 43.3





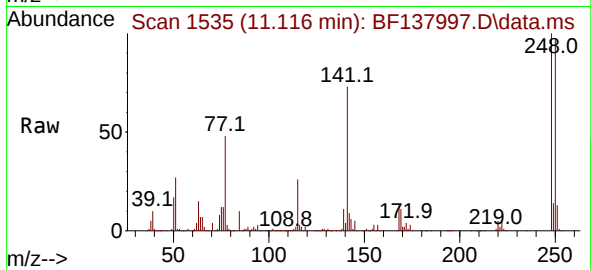
#67
4-Bromophenyl-phenylether
Concen: 44.873 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

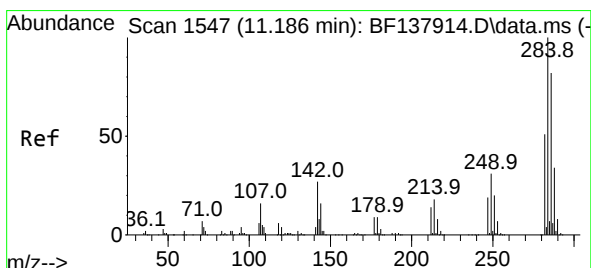
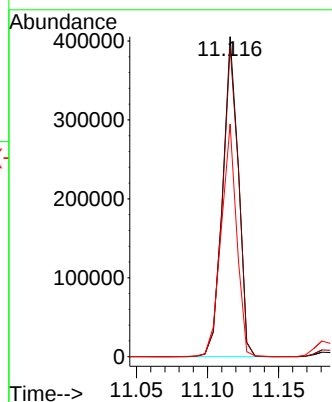
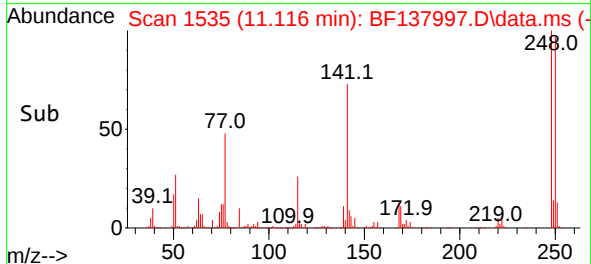


Tgt Ion:248 Resp: 311835
Ion Ratio Lower Upper
248 100
250 96.8 77.6 116.4
141 72.6 61.4 92.2

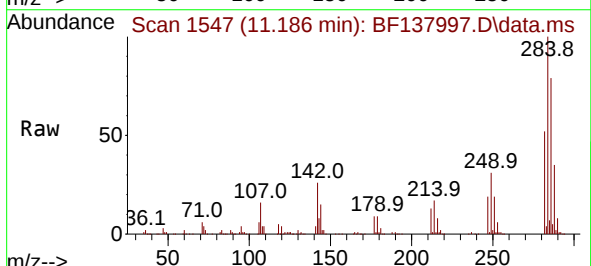
Manual Integrations

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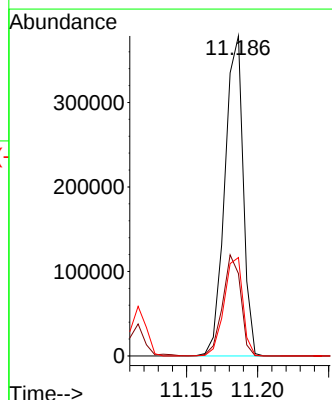
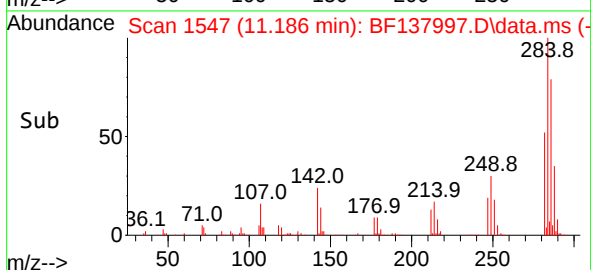
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

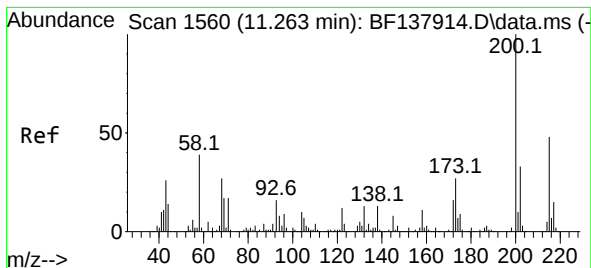


#68
Hexachlorobenzene
Concen: 44.221 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:284 Resp: 339693
Ion Ratio Lower Upper
284 100
142 25.7 21.3 31.9
249 30.7 24.6 37.0





#69

Atrazine

Concen: 55.184 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

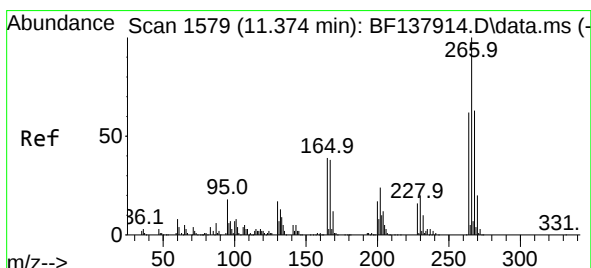
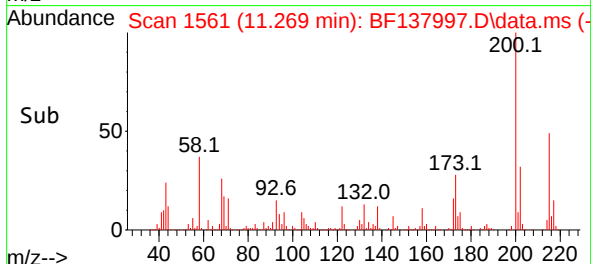
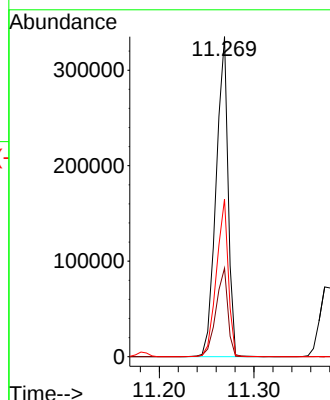
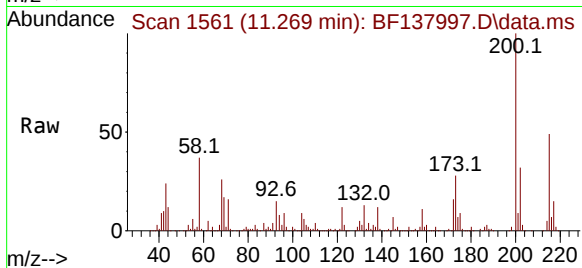
Tgt Ion:200 Resp: 292930
 Ion Ratio Lower Upper
 200 100
 173 27.7 6.6 46.6
 215 49.2 27.5 67.5

Manual Integrations

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Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#70

Pentachlorophenol

Concen: 91.927 ng

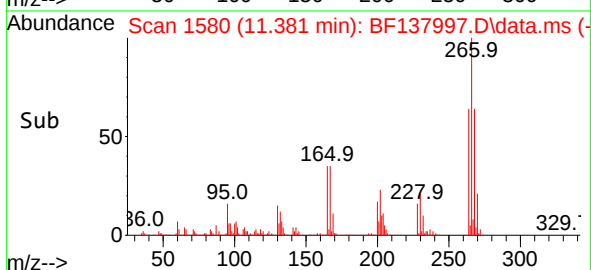
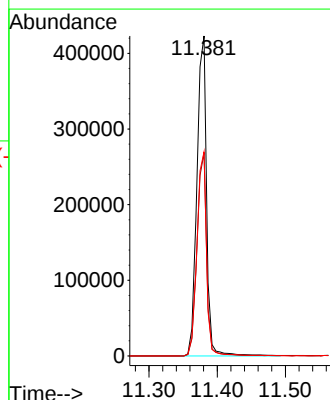
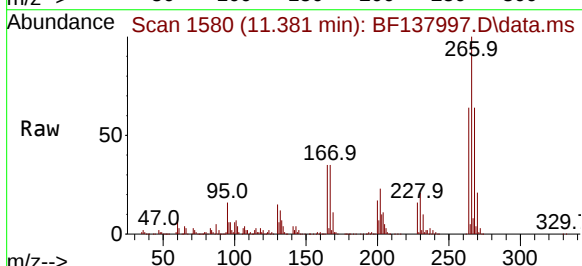
RT: 11.381 min Scan# 1580

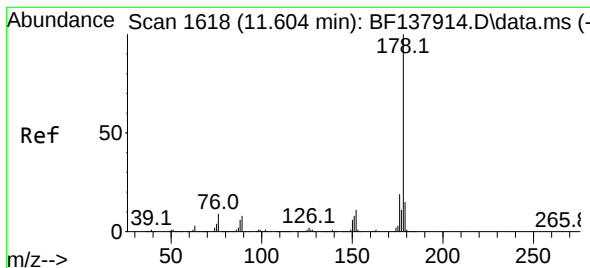
Delta R.T. 0.006 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

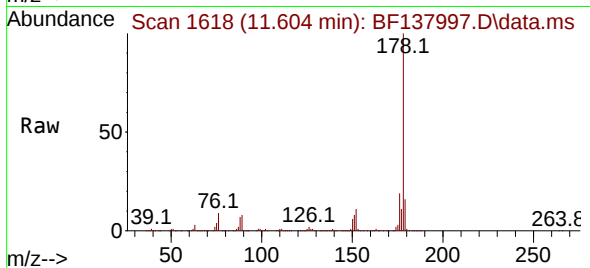
Tgt Ion:266 Resp: 413643
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.1 75.1
 264 63.8 49.4 74.2





#71
Phenanthrene
Concen: 44.469 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

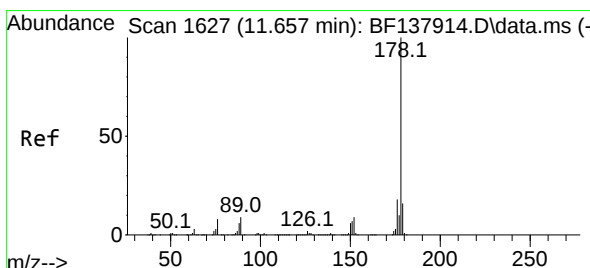
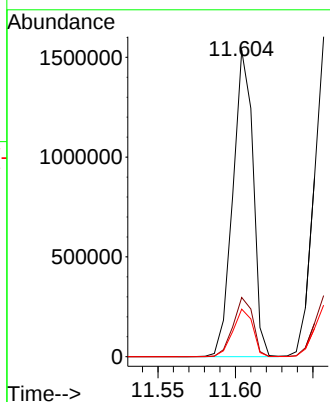
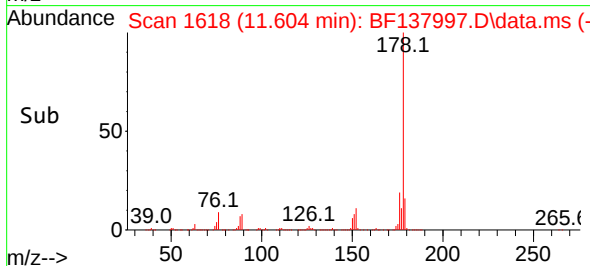
Instrument :
BNA_F
ClientSampleId :
PB161030BS



Tgt Ion:178 Resp: 138912
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.5 12.2 18.4

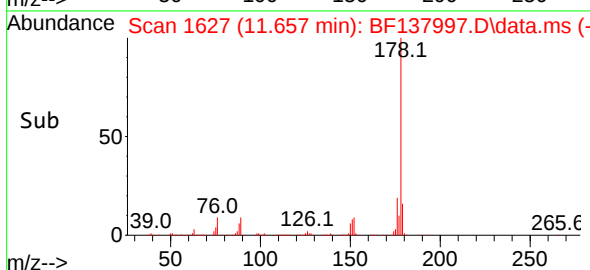
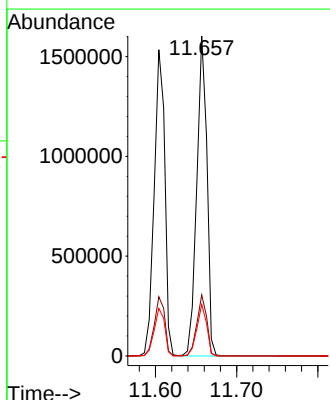
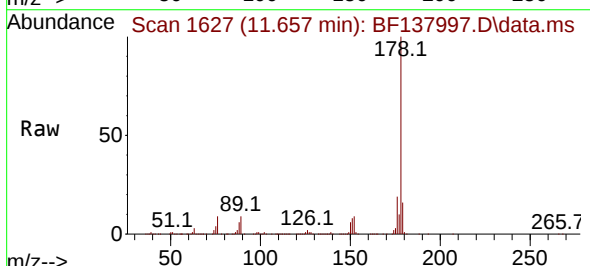
Manual Integrations
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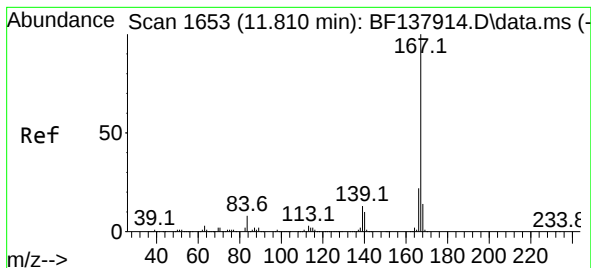
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024



#72
Anthracene
Concen: 45.227 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

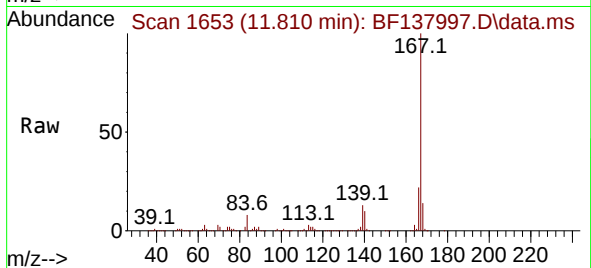
Tgt Ion:178 Resp: 1401745
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 16.1 12.4 18.6





#73
 Carbazole
 Concen: 44.210 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF137997.D
 Acq: 22 May 2024 10:45

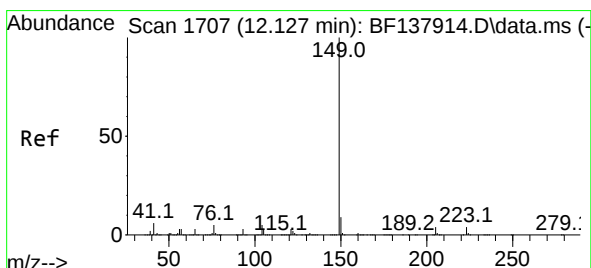
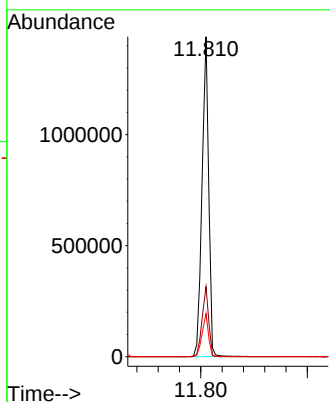
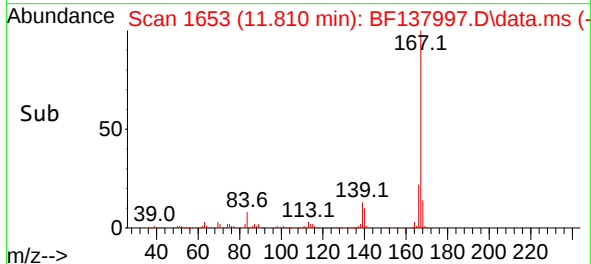
Instrument :
 BNA_F
 ClientSampleId :
 PB161030BS



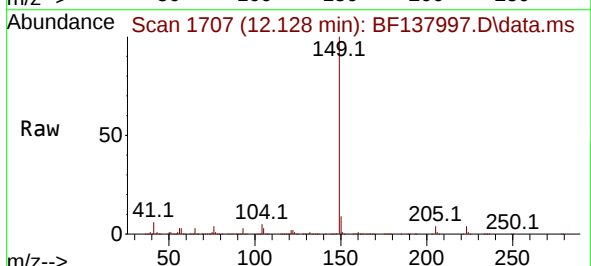
Tgt Ion:167 Resp: 125171
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.4 10.3 15.5

Manual Integrations
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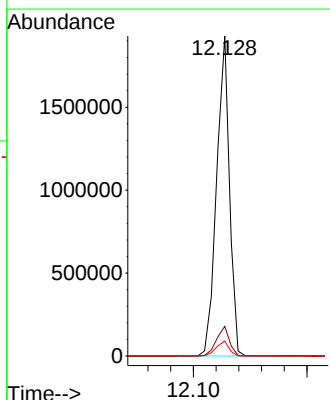
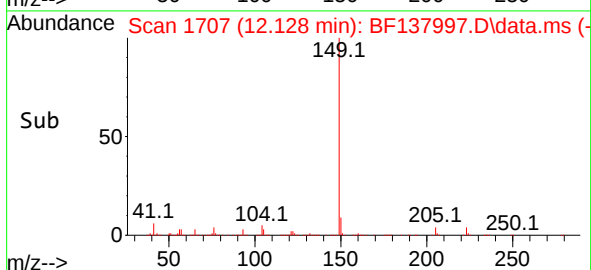
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

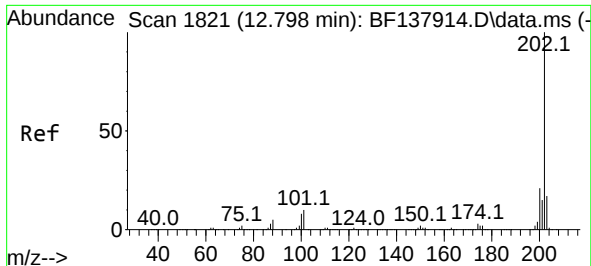


#74
 Di-n-butylphthalate
 Concen: 48.417 ng
 RT: 12.128 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF137997.D
 Acq: 22 May 2024 10:45



Tgt Ion:149 Resp: 1521297
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.7 3.6 5.4





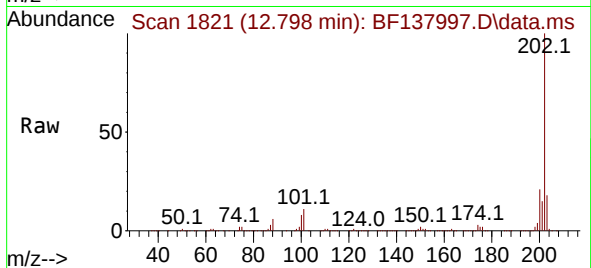
#75
Fluoranthene
Concen: 45.066 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



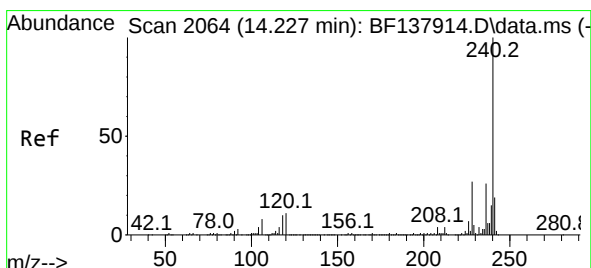
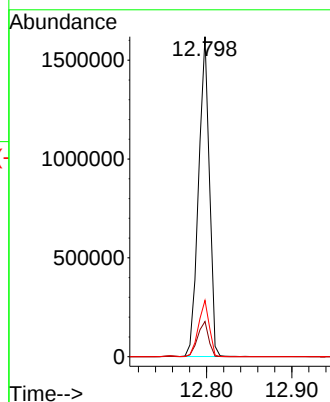
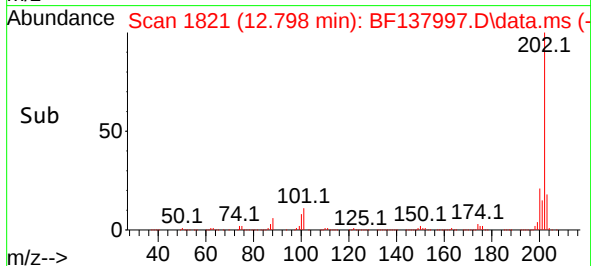
Tgt Ion:202 Resp: 1428908
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.5
203 17.6 0.0 37.3

Manual Integrations

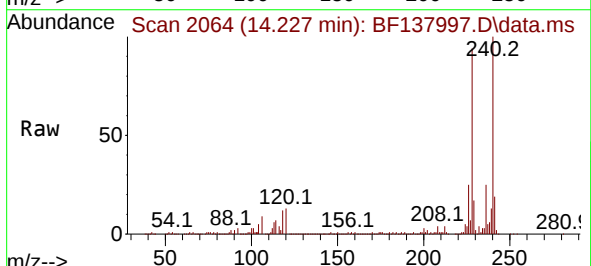
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

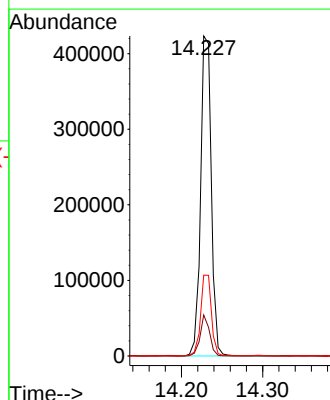
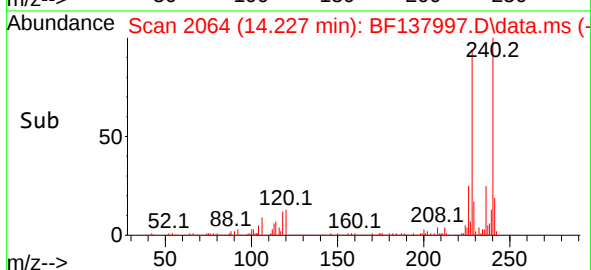
Supervised By :mohammad ahmed 05/24/2024

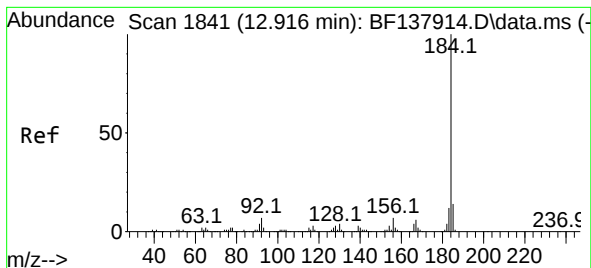


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:240 Resp: 389073
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.2 21.0 31.4





#77

Benzidine

Concen: 20.815 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

Tgt Ion:184 Resp: 105838

Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.2

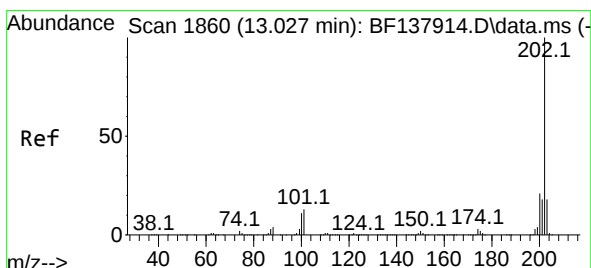
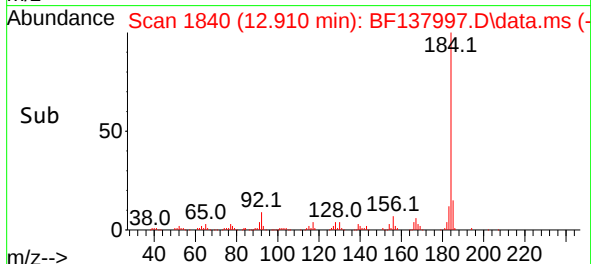
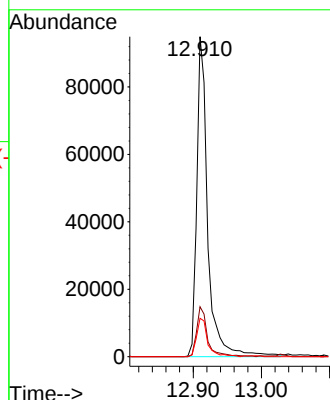
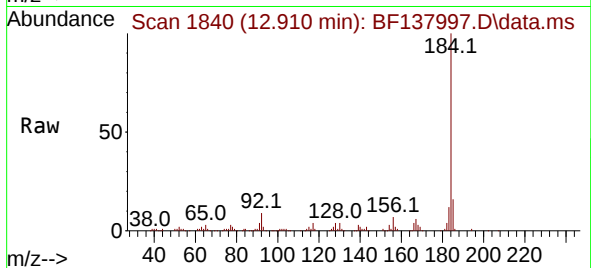
183 12.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#78

Pyrene

Concen: 42.308 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

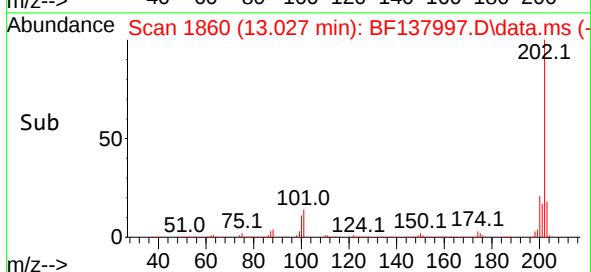
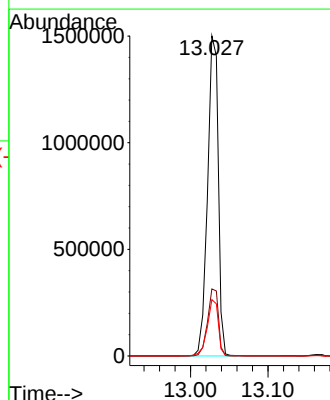
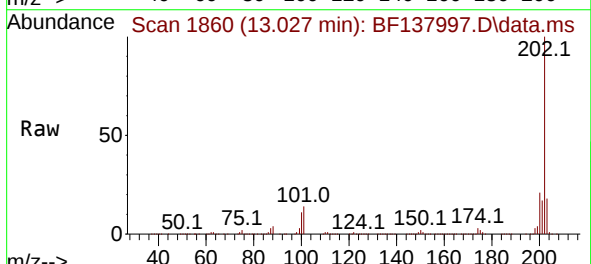
Tgt Ion:202 Resp: 1439748

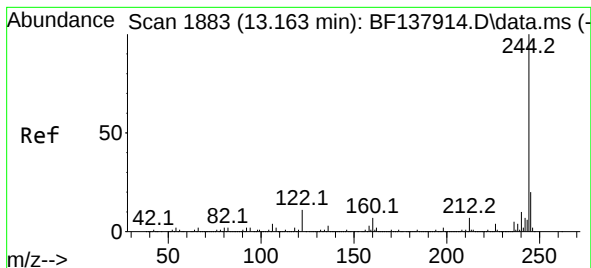
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 82.583 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137997.D

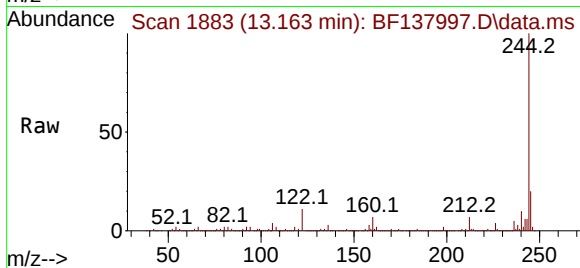
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



Tgt Ion:244 Resp: 218014

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

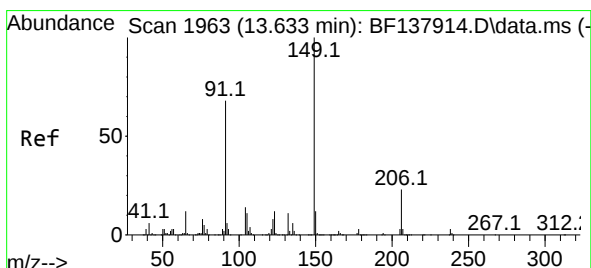
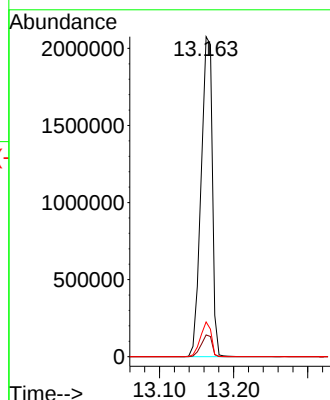
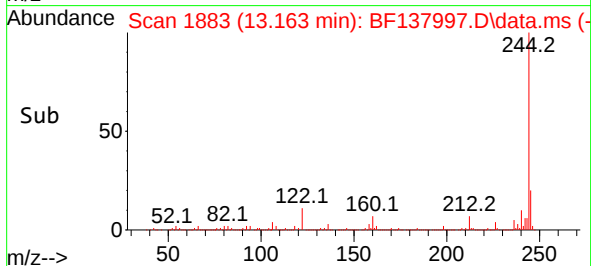
122 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#80

Butylbenzylphthalate

Concen: 52.746 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

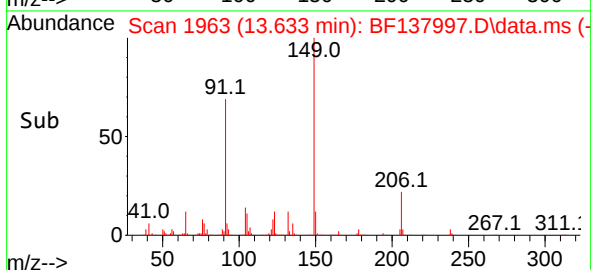
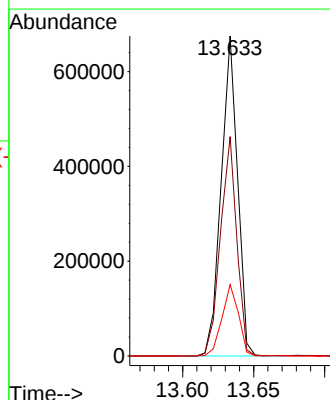
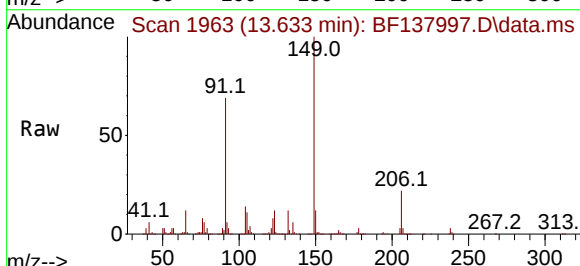
Tgt Ion:149 Resp: 541409

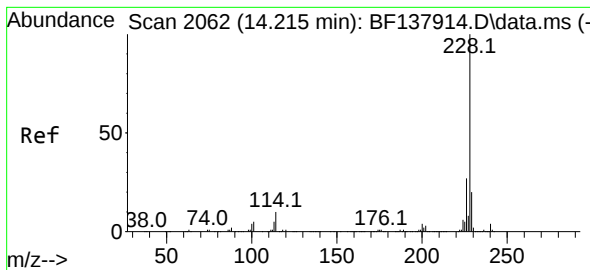
Ion Ratio Lower Upper

149 100

91 68.6 54.2 81.4

206 22.3 18.1 27.1





#81

Benzo(a)anthracene

Concen: 46.665 ng

RT: 14.222 min Scan# 2063

Delta R.T. 0.006 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

Tgt Ion:228 Resp: 114866

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

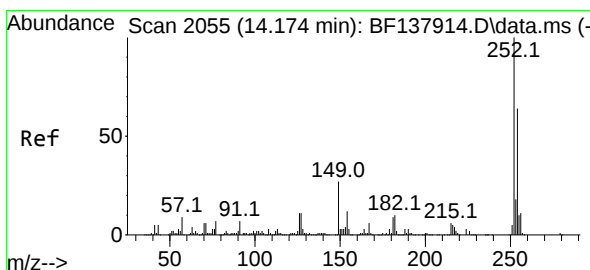
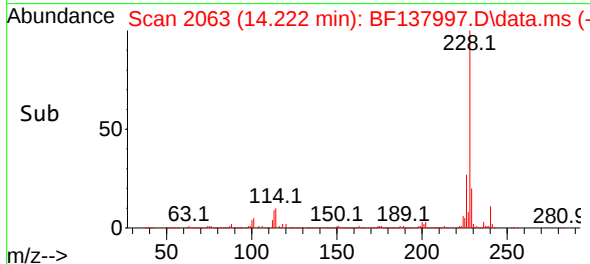
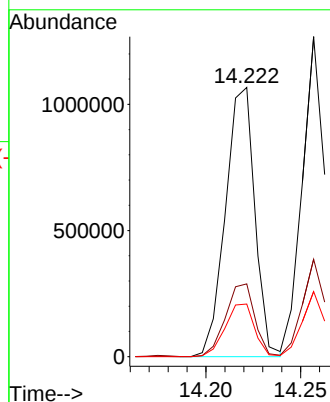
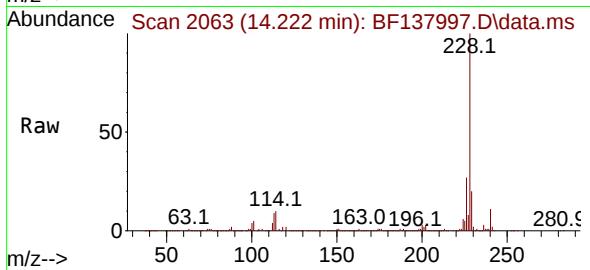
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 32.174 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

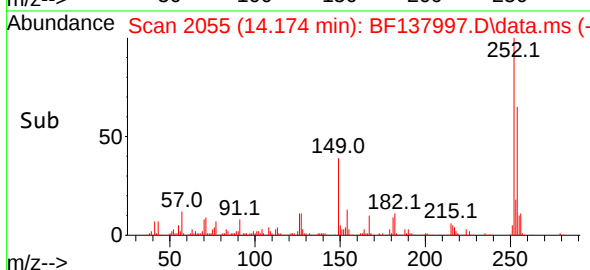
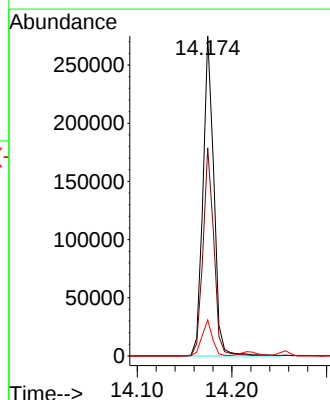
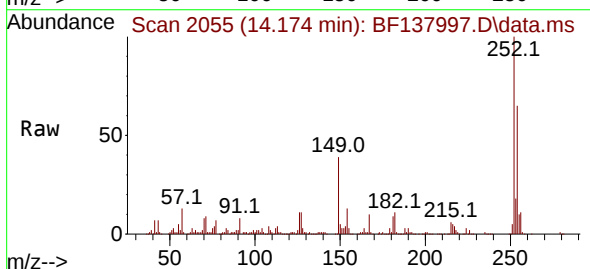
Tgt Ion:252 Resp: 219479

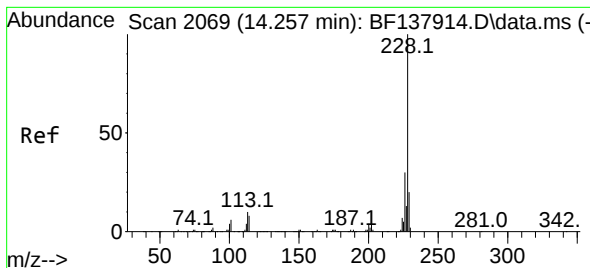
Ion Ratio Lower Upper

252 100

254 65.0 51.2 76.8

126 11.3 8.7 13.1





#83

Chrysene

Concen: 44.227 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

Tgt Ion:228 Resp: 104115

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

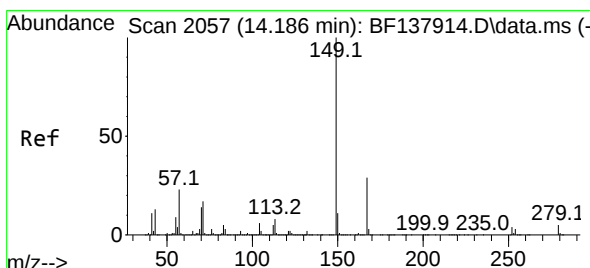
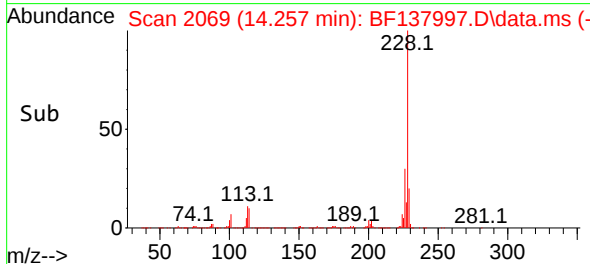
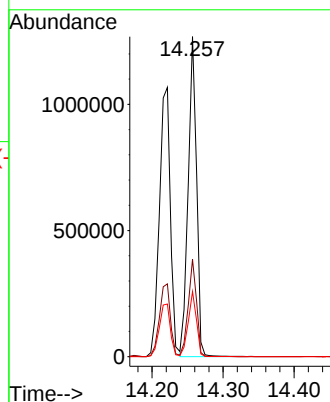
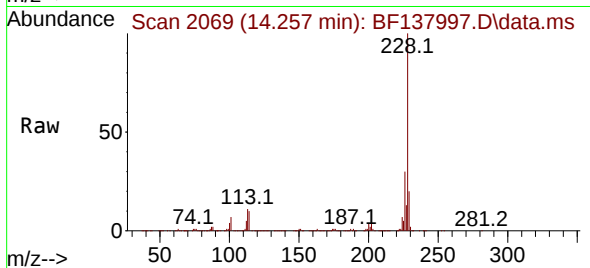
229 20.4 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.719 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

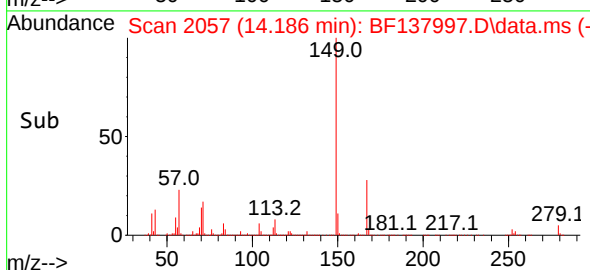
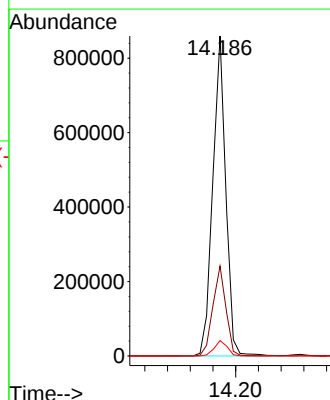
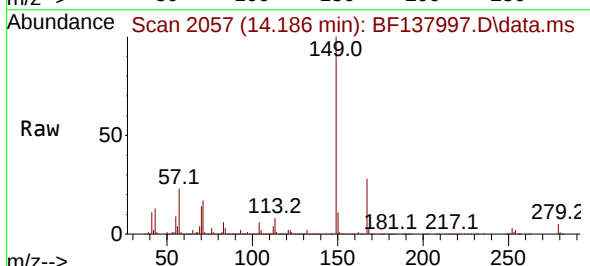
Tgt Ion:149 Resp: 680224

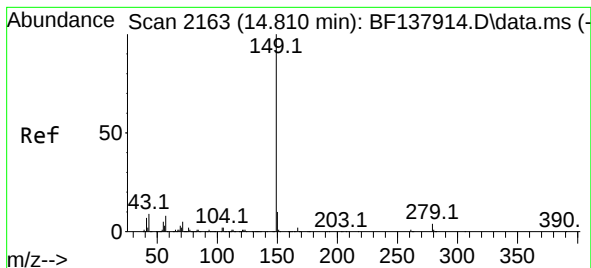
Ion Ratio Lower Upper

149 100

167 28.1 23.2 34.8

279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 53.204 ng

RT: 14.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF137997.D

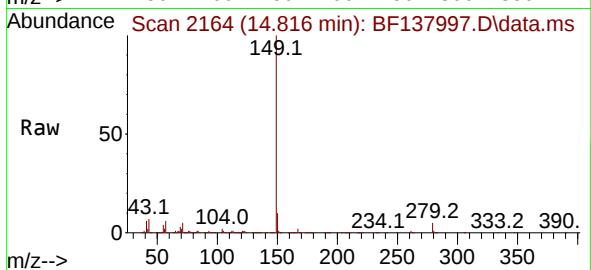
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



Tgt Ion:149 Resp: 92740

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

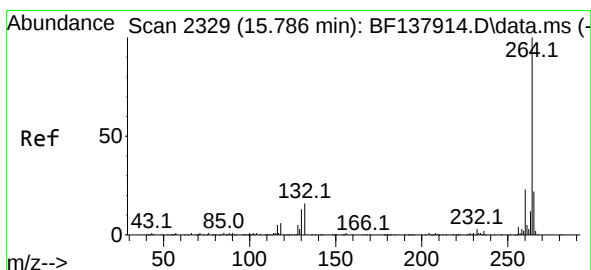
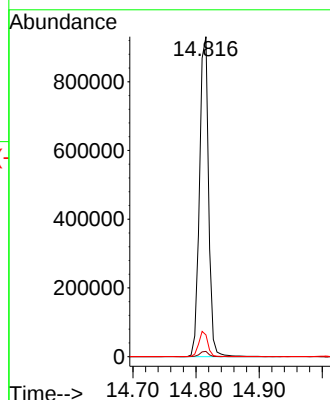
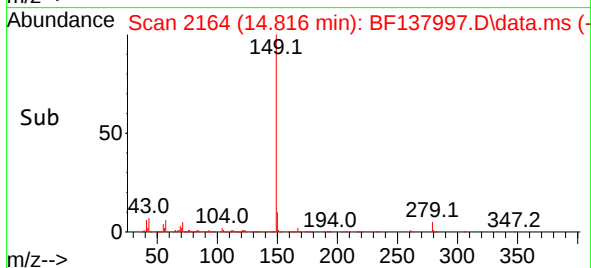
43 7.9 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

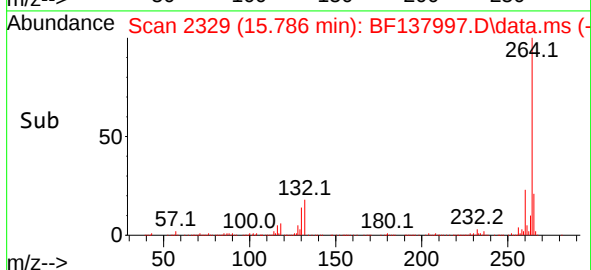
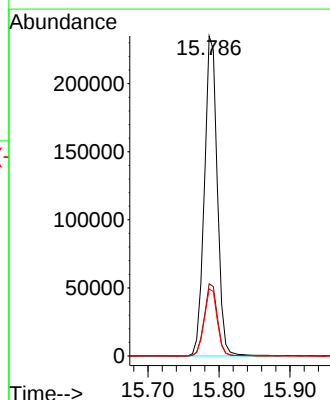
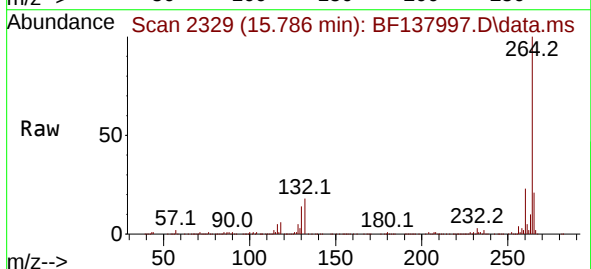
Tgt Ion:264 Resp: 297271

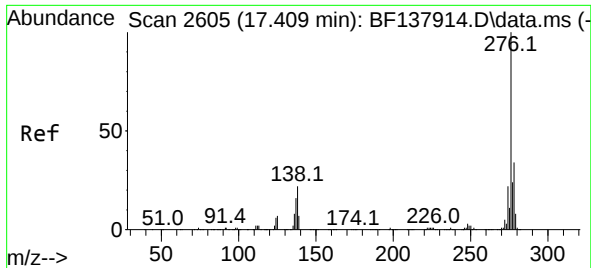
Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 21.0 17.6 26.4





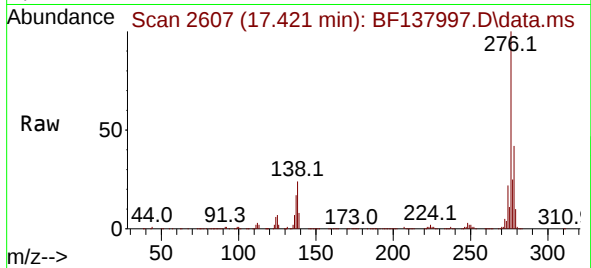
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.263 ng
RT: 17.421 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

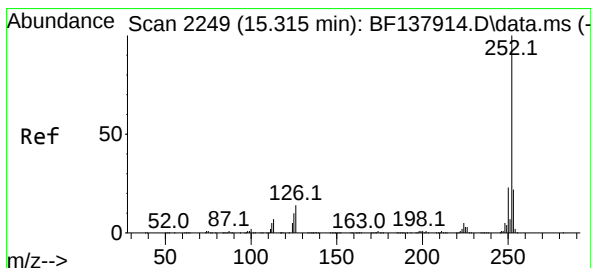
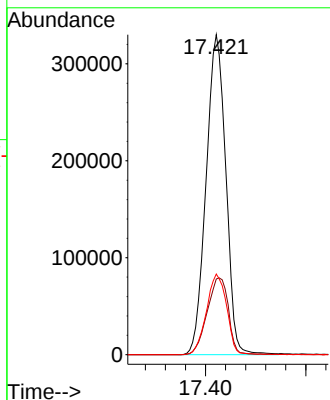
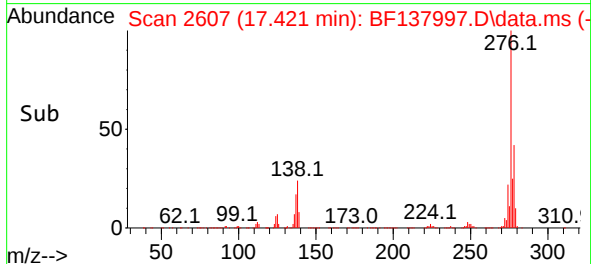


Tgt Ion:276 Resp: 902659
Ion Ratio Lower Upper
276 100
138 25.8 20.6 30.8
277 25.9 20.2 30.2

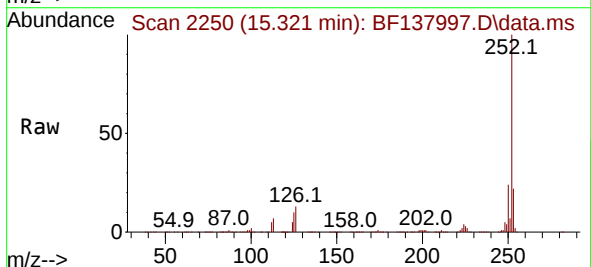
Manual Integrations

APPROVED

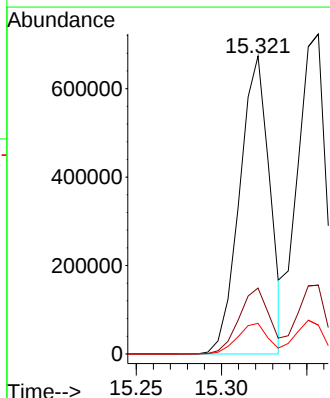
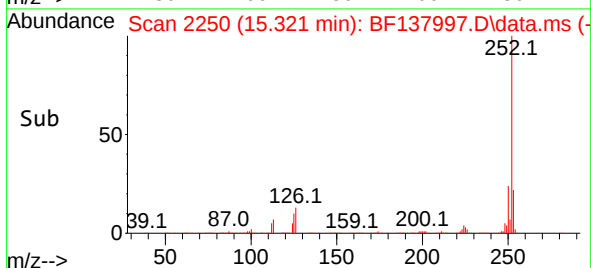
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

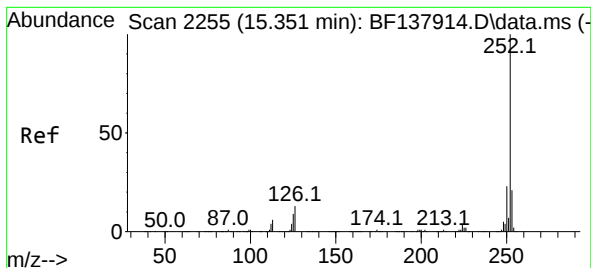


#88
Benzo(b)fluoranthene
Concen: 48.064 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.006 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:252 Resp: 827288
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 50.021 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS

Tgt Ion:252 Resp: 84581

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

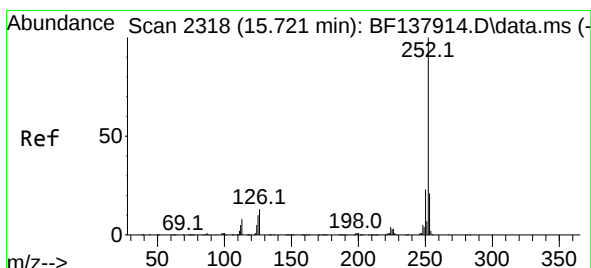
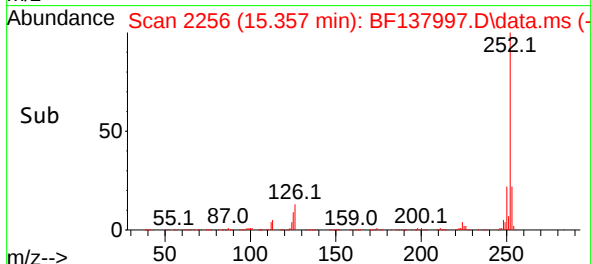
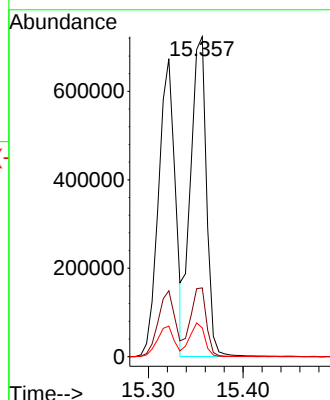
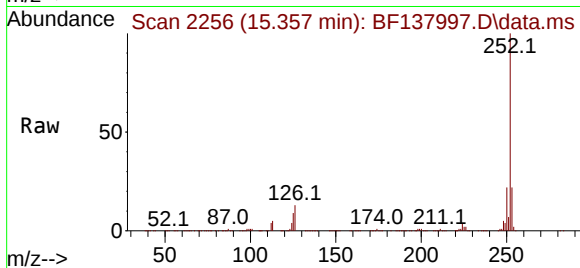
125 9.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#90

Benzo(a)pyrene

Concen: 50.411 ng

RT: 15.721 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BF137997.D

Acq: 22 May 2024 10:45

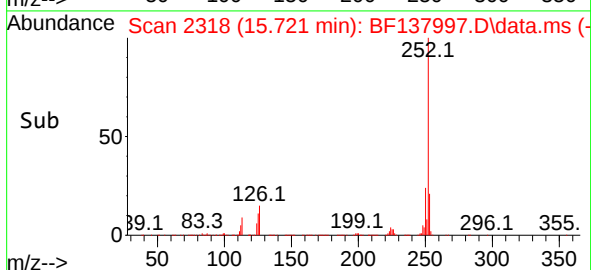
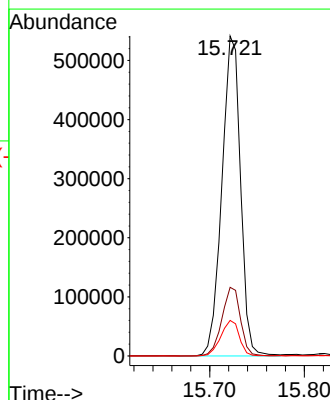
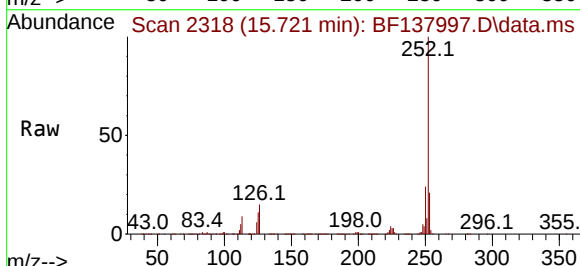
Tgt Ion:252 Resp: 740921

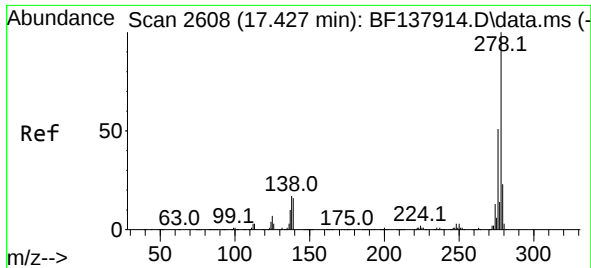
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 11.1 7.8 11.8





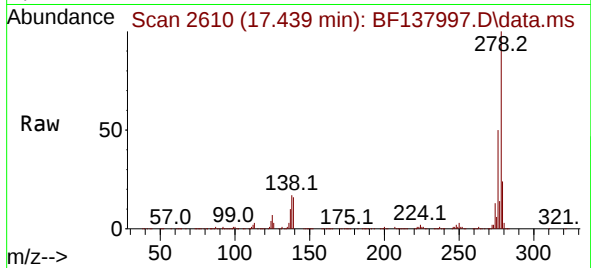
#91
Dibenzo(a,h)anthracene
Concen: 47.605 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB161030BS



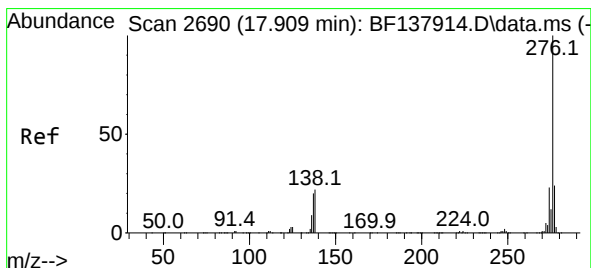
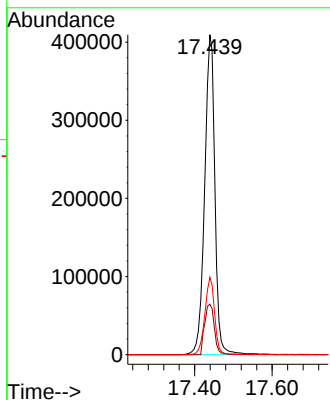
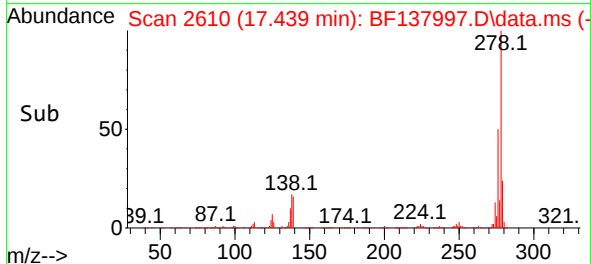
Tgt Ion:278 Resp: 75118
Ion Ratio Lower Upper
278 100
139 15.8 13.1 19.7
279 24.1 18.5 27.7

Manual Integrations

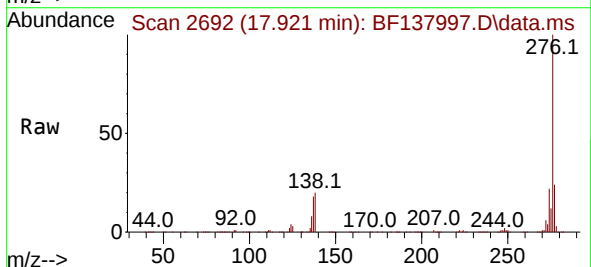
APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/24/2024



#92
Benzo(g,h,i)perylene
Concen: 43.551 ng
RT: 17.921 min Scan# 2692
Delta R.T. 0.012 min
Lab File: BF137997.D
Acq: 22 May 2024 10:45



Tgt Ion:276 Resp: 721922
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 20.4 17.6 26.4

