

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137555.D
 Acq On : 11 Mar 2024 14:11
 Operator : CG\JU
 Sample : PB159519BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159519BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 12 02:02:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	234068	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	951754	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	519883	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	944705	20.000	ng	0.00
76) Chrysene-d12	14.098	240	501907	20.000	ng	0.00
86) Perylene-d12	15.651	264	458087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.586	112	1870506	121.031	ng	0.02
7) Phenol-d6	6.557	99	2568613	115.141	ng	0.00
23) Nitrobenzene-d5	7.469	82	1650413	80.572	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	655235	143.520	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2622657	78.968	ng	0.00
79) Terphenyl-d14	13.039	244	3044484	83.412	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.910	88	297997	35.264	ng	99
3) Pyridine	3.675	79	688910	33.803	ng	99
4) n-Nitrosodimethylamine	3.657	42	343909	42.160	ng	99
6) Aniline	6.581	93	611577	22.436	ng	97
8) 2-Chlorophenol	6.698	128	754094	46.261	ng	99
10) Phenol	6.569	94	1002610	41.756	ng	97
11) bis(2-Chloroethyl)ether	6.651	93	756837	43.013	ng	99
12) 1,3-Dichlorobenzene	6.845	146	772714	44.362	ng	98
13) 1,4-Dichlorobenzene	6.922	146	794306	44.569	ng	98
14) 1,2-Dichlorobenzene	7.069	146	751098	45.916	ng	98
15) Benzyl Alcohol	7.051	79	693639	49.944	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1235155	40.838	ng	93
17) 2-Methylphenol	7.163	107	636831	41.751	ng	98
18) Hexachloroethane	7.410	117	273532	46.612	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	556890	40.425	ng	99
20) 3+4-Methylphenols	7.316	107	714968	40.927	ng	92
22) Acetophenone	7.316	105	1009581	43.841	ng	97
24) Nitrobenzene	7.486	77	869097	42.237	ng	97
25) Isophorone	7.722	82	1670745	42.933	ng	99
26) 2-Nitrophenol	7.798	139	396293	48.510	ng	97
27) 2,4-Dimethylphenol	7.839	122	581440	38.091	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	993609	43.517	ng	99
29) 2,4-Dichlorophenol	8.039	162	635562	45.366	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	655839	44.485	ng	100
31) Naphthalene	8.198	128	2144026	41.986	ng	100
32) Benzoic acid	7.986	122	409461	46.766	ng	98
33) 4-Chloroaniline	8.251	127	282971	14.132	ng	100
34) Hexachlorobutadiene	8.310	225	383040	44.008	ng	100
35) Caprolactam	8.633	113	226692m	47.720	ng	
36) 4-Chloro-3-methylphenol	8.745	107	703276	44.910	ng	99
37) 2-Methylnaphthalene	8.892	142	1322474	40.624	ng	98
38) 1-Methylnaphthalene	8.992	142	1256206	40.976	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	650644	44.829	ng	99
41) Hexachlorocyclopentadiene	9.039	237	586185	97.013	ng	99
43) 2,4,6-Trichlorophenol	9.174	196	437593	46.299	ng	98
44) 2,4,5-Trichlorophenol	9.227	196	465963	42.797	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	1655076	43.496	ng	99
47) 2-Chloronaphthalene	9.380	162	1307838	45.081	ng	98
48) 2-Nitroaniline	9.486	65	462014	46.855	ng	98
49) Acenaphthylene	9.798	152	2058831	44.346	ng	100
50) Dimethylphthalate	9.669	163	1598631	44.173	ng	99
51) 2,6-Dinitrotoluene	9.733	165	355778	47.002	ng	88
52) Acenaphthene	9.974	154	1163561	41.980	ng	99
53) 3-Nitroaniline	9.898	138	226528	28.293	ng	98
54) 2,4-Dinitrophenol	10.010	184	369146	97.931	ng	94
55) Dibenzofuran	10.145	168	1748012	41.407	ng	99
56) 4-Nitrophenol	10.074	139	528720	92.093	ng	96
57) 2,4-Dinitrotoluene	10.139	165	427026	45.918	ng	91
58) Fluorene	10.492	166	1322805	40.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	407072	46.624	ng	94
60) Diethylphthalate	10.374	149	1494552	43.732	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	651398	40.996	ng	93
62) 4-Nitroaniline	10.527	138	329986	47.953	ng	95
63) Azobenzene	10.645	77	1678985	42.665	ng	98
65) 4,6-Dinitro-2-methylph...	10.551	198	259249	49.237	ng	86
66) n-Nitrosodiphenylamine	10.610	169	1243572	40.879	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	441545	42.912	ng	97
68) Hexachlorobenzene	11.039	284	487480	46.907	ng	94
69) Atrazine	11.145	200	377263	40.795	ng	98
70) Pentachlorophenol	11.239	266	532247	84.719	ng	100
71) Phenanthrene	11.463	178	2094372	40.736	ng	99
72) Anthracene	11.516	178	2155520	40.821	ng	99
73) Carbazole	11.674	167	1923255	42.522	ng	99
74) Di-n-butylphthalate	12.010	149	2317968	43.074	ng	99
75) Fluoranthene	12.657	202	2109273	41.972	ng	98
77) Benzidine	12.786	184	285620	23.254	ng	97
78) Pyrene	12.886	202	2150265	43.662	ng	99
80) Butylbenzylphthalate	13.521	149	733166	58.293	ng	97
81) Benzo(a)anthracene	14.086	228	1586777	45.107	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	345676	36.900	ng	99
83) Chrysene	14.127	228	1540223	43.320	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	858703	53.715	ng	99
85) Di-n-octyl phthalate	14.715	149	1466282	47.639	ng	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	1431063	47.472	ng	99
88) Benzo(b)fluoranthene	15.186	252	1374107	50.709	ng	99
89) Benzo(k)fluoranthene	15.221	252	1225757	42.114	ng	99
90) Benzo(a)pyrene	15.586	252	1195251	44.760	ng	99
91) Dibenzo(a,h)anthracene	17.321	278	1158223	47.363	ng	98
92) Benzo(g,h,i)perylene	17.792	276	1156228	46.039	ng	99

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

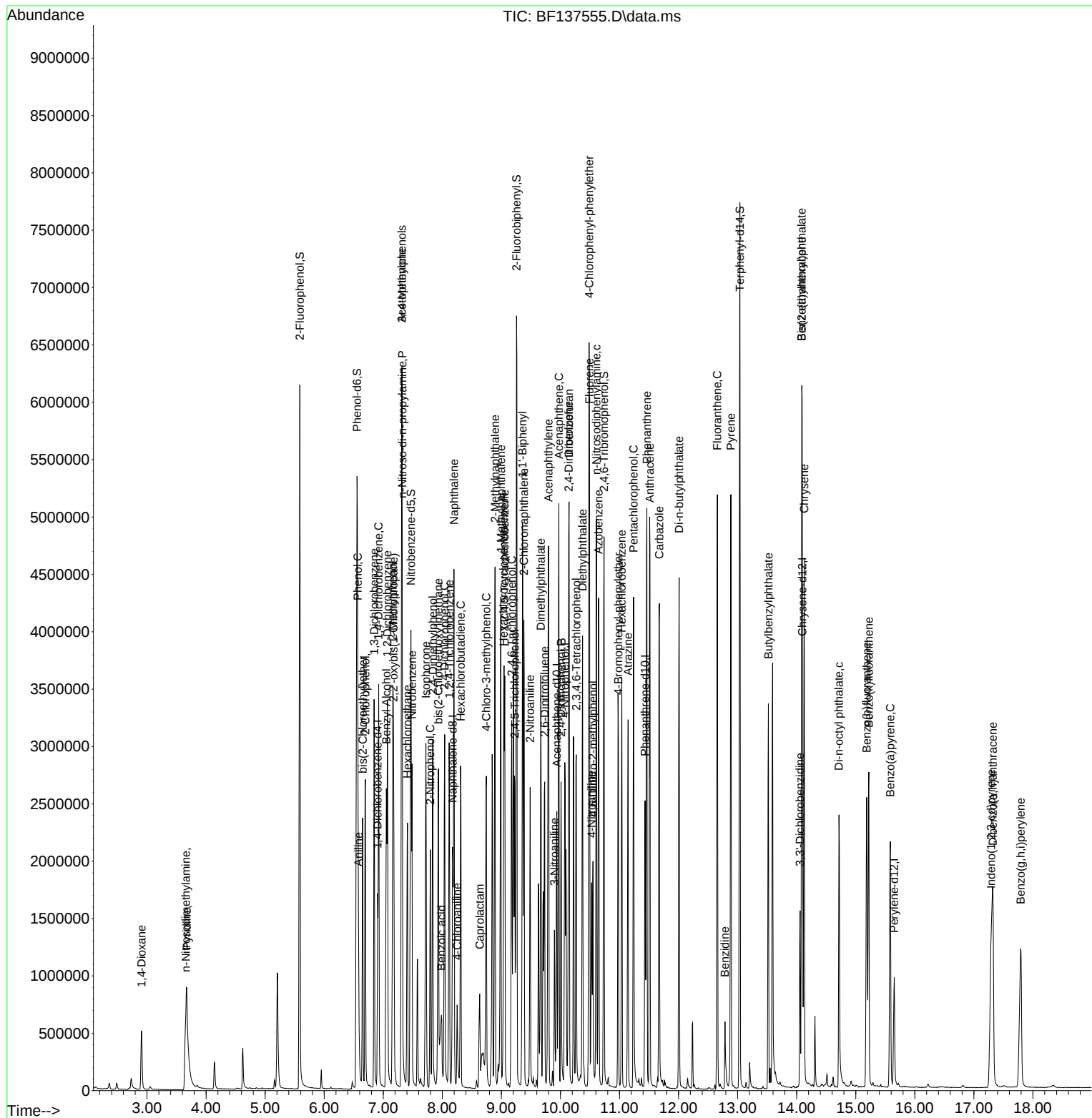
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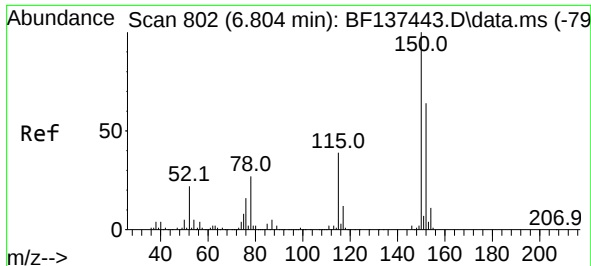
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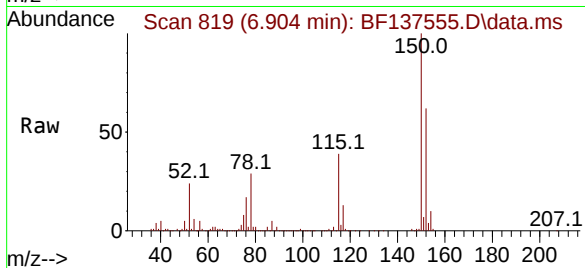
Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

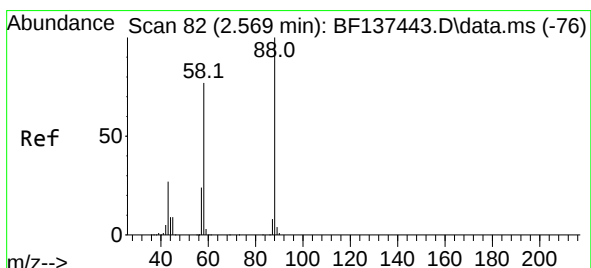
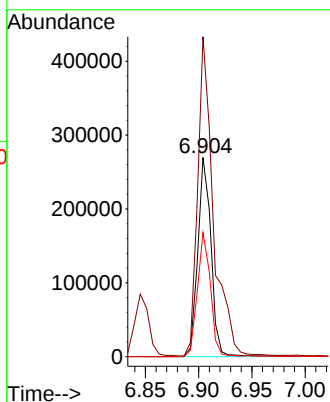
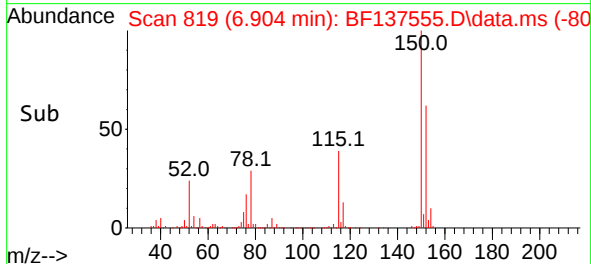
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 234068
Ion Ratio Lower Upper
152 100
150 160.6 125.8 188.6
115 62.2 48.8 73.2

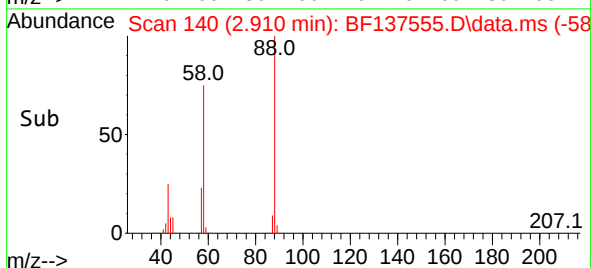
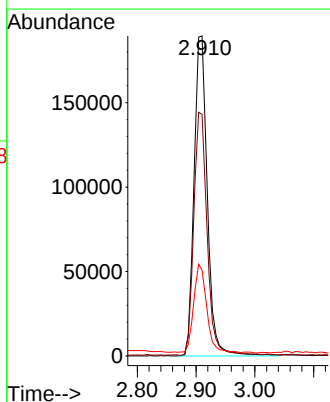
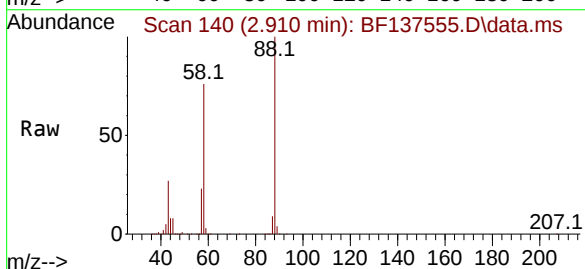
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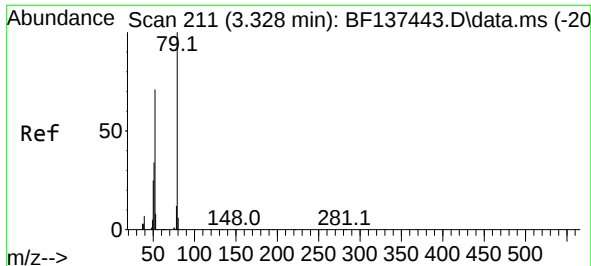
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#2
1,4-Dioxane
Concen: 35.264 ng
RT: 2.910 min Scan# 140
Delta R.T. 0.135 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 88 Resp: 297997
Ion Ratio Lower Upper
88 100
58 76.5 61.8 92.8
43 27.0 22.2 33.4





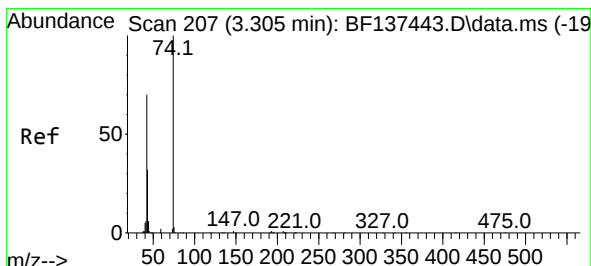
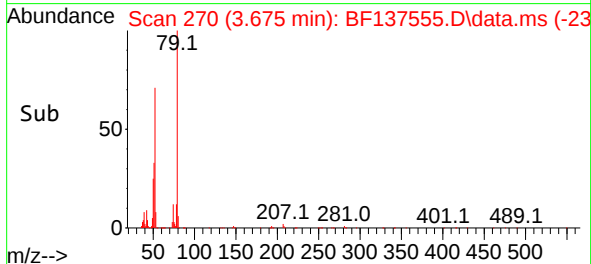
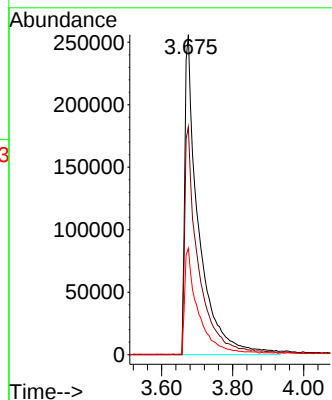
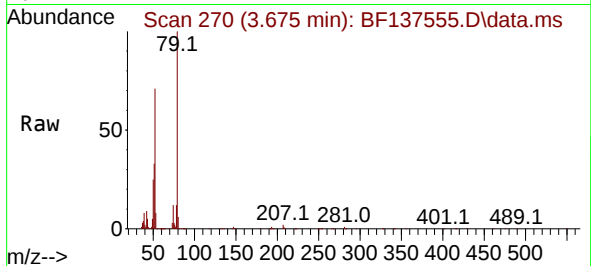
#3
Pyridine
Concen: 33.803 ng
RT: 3.675 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :
BNA_F
ClientSampleId :
PB159519BS

Tgt Ion: 79 Resp: 688910
Ion Ratio Lower Upper
79 100
52 71.2 57.0 85.4
51 33.2 27.5 41.3

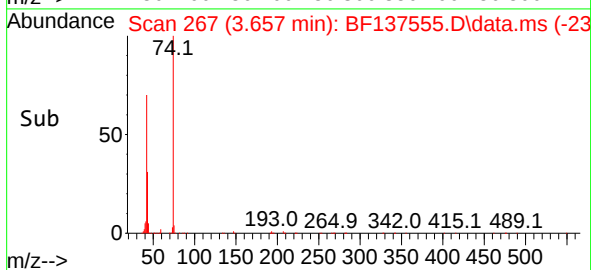
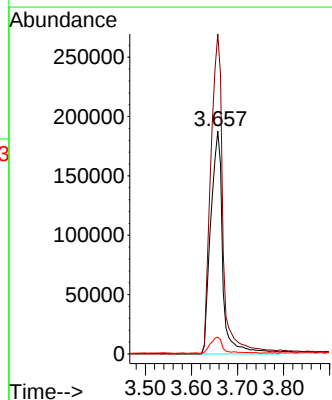
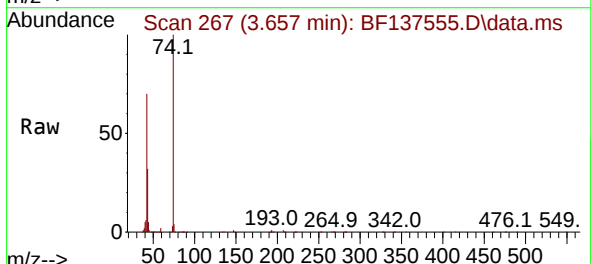
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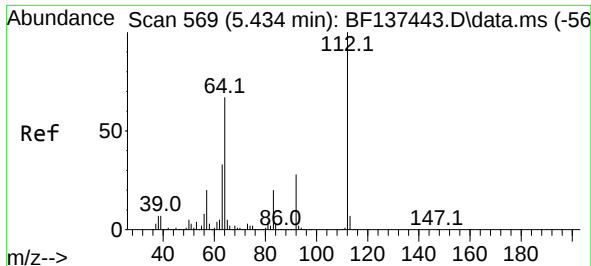
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#4
n-Nitrosodimethylamine
Concen: 42.160 ng
RT: 3.657 min Scan# 267
Delta R.T. 0.088 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 42 Resp: 343909
Ion Ratio Lower Upper
42 100
74 143.6 114.0 171.0
44 7.5 7.0 10.4





#5
2-Fluorophenol
Concen: 121.031 ng
RT: 5.586 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

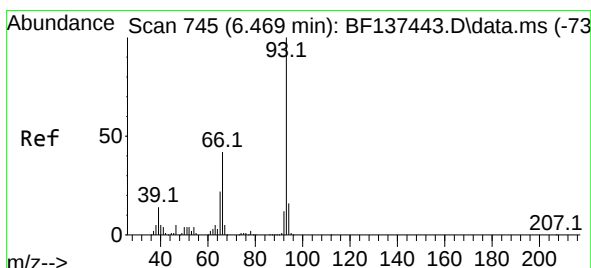
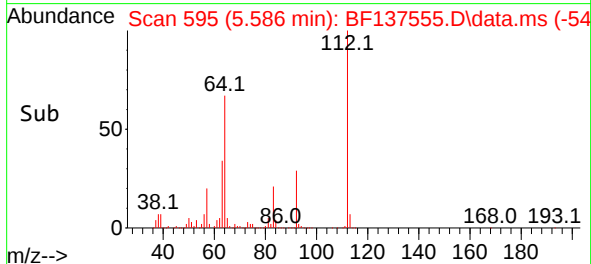
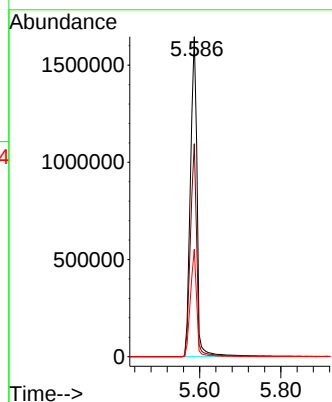
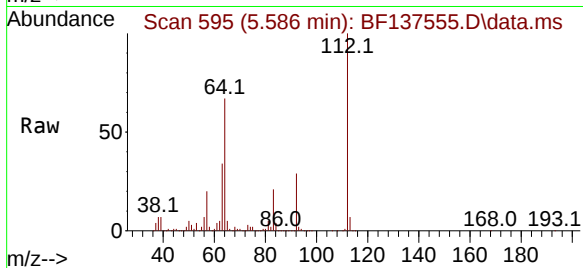
PB159519BS

Tgt Ion:112 Resp: 1870500
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 33.6 26.2 39.2

Manual Integrations

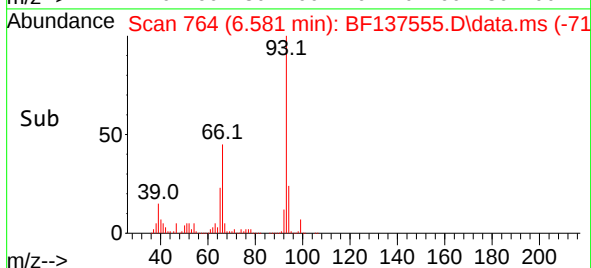
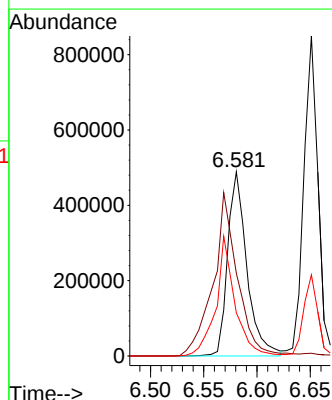
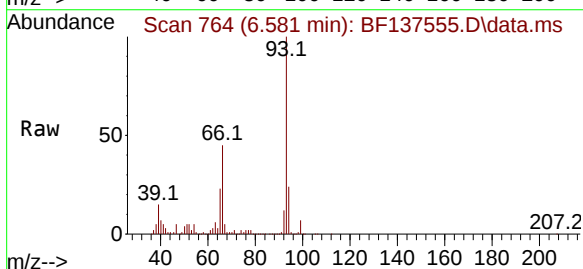
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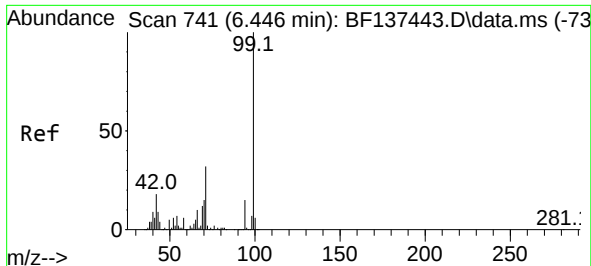
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#6
Aniline
Concen: 22.436 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 93 Resp: 611577
Ion Ratio Lower Upper
93 100
66 44.8 34.0 51.0
65 23.4 17.8 26.8





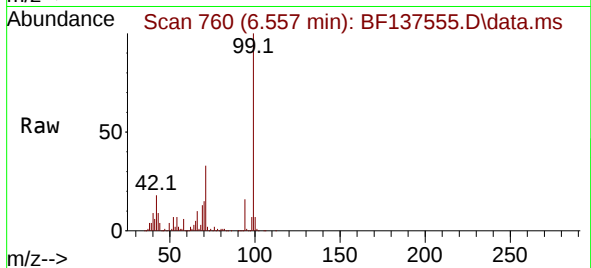
#7
Phenol-d6
Concen: 115.141 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF137555.D
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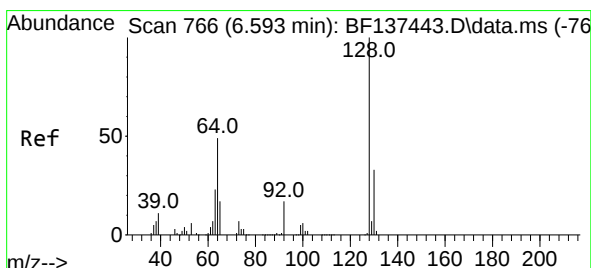
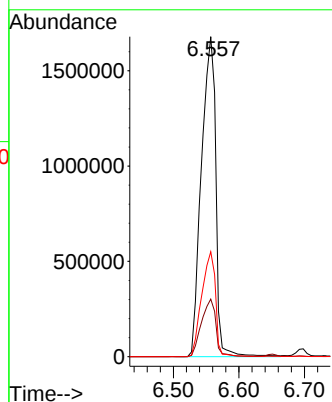
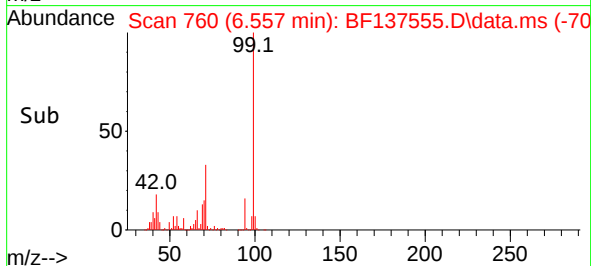
Tgt Ion: 99 Resp: 256861
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 32.8 25.3 37.9

Manual Integrations

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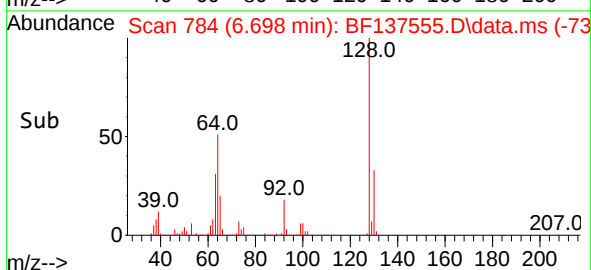
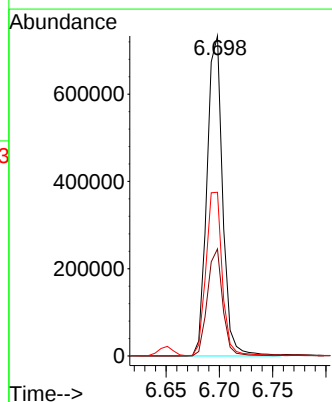
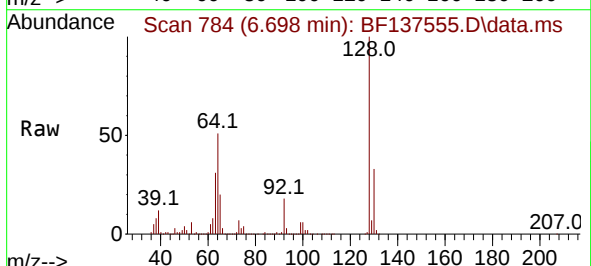
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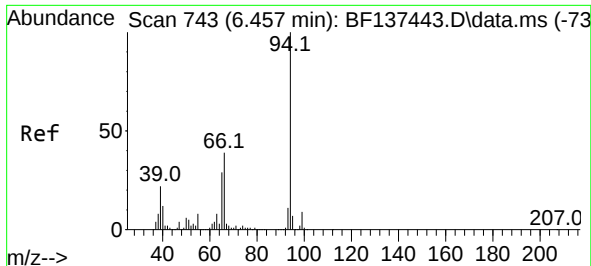
Supervised By :mohammad ahmed 03/12/2024



#8
2-Chlorophenol
Concen: 46.261 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:128 Resp: 754094
Ion Ratio Lower Upper
128 100
130 33.5 13.4 53.4
64 51.1 30.0 70.0





#10
Phenol
Concen: 41.756 ng
RT: 6.569 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF137555.D
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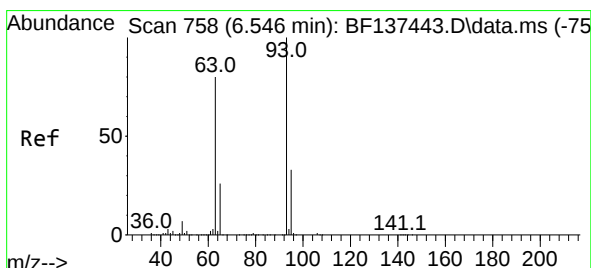
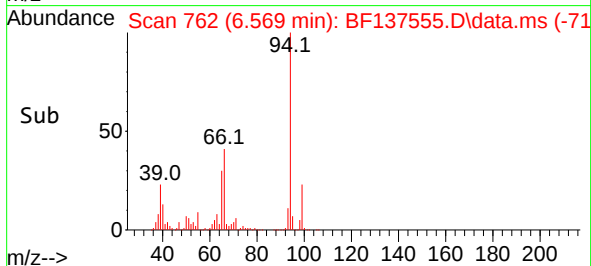
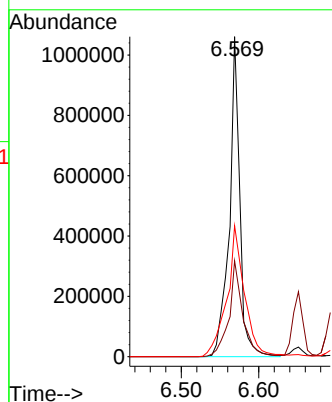
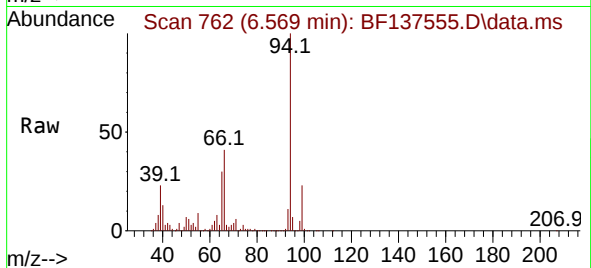
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Tgt Ion: 94 Resp: 1002610
Ion Ratio Lower Upper
94 100
65 30.0 8.7 48.7
66 40.9 18.6 58.6

Manual Integrations

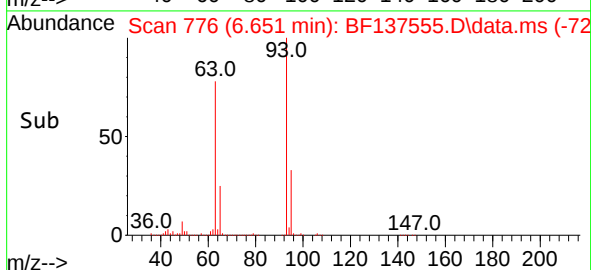
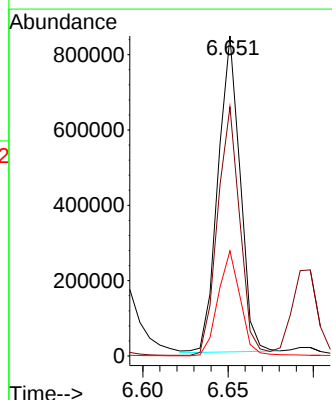
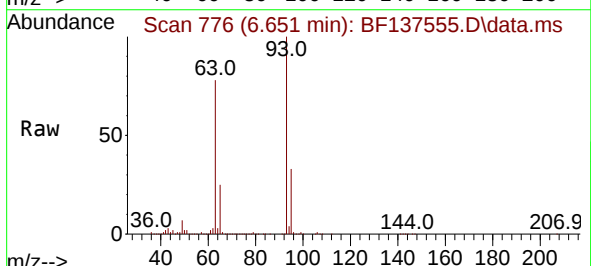
APPROVED

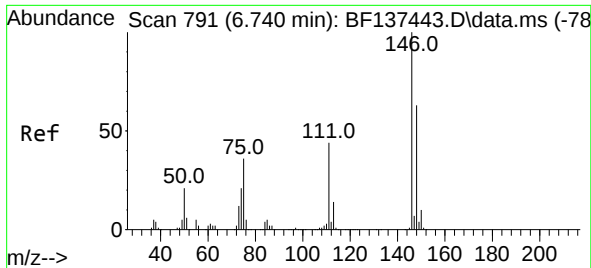
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#11
bis(2-Chloroethyl)ether
Concen: 43.013 ng
RT: 6.651 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 93 Resp: 756837
Ion Ratio Lower Upper
93 100
63 77.8 58.9 98.9
95 32.9 12.2 52.2





#12
1,3-Dichlorobenzene
Concen: 44.362 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

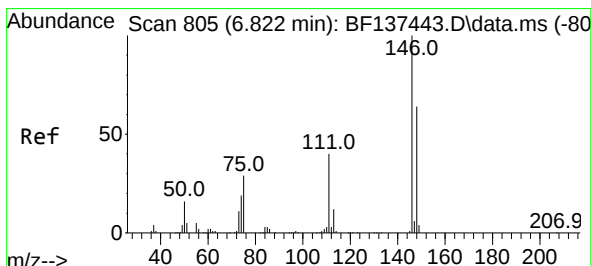
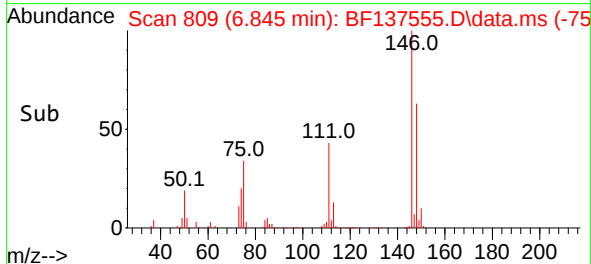
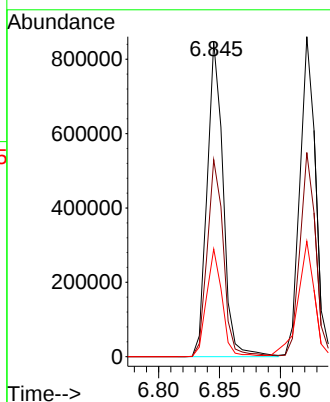
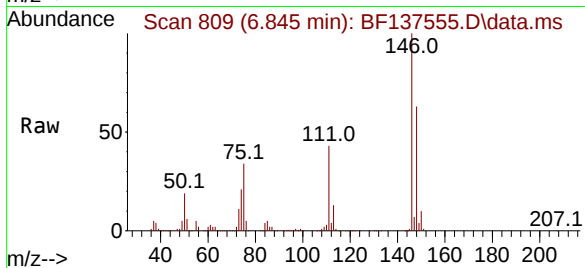
ClientSampleId :

PB159519BS

Tgt Ion:146 Resp: 772714
Ion Ratio Lower Upper
146 100
148 62.5 50.3 75.5
75 34.1 29.0 43.4

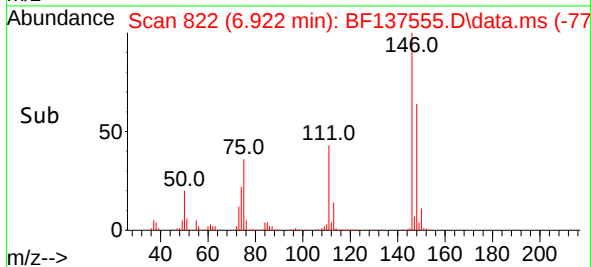
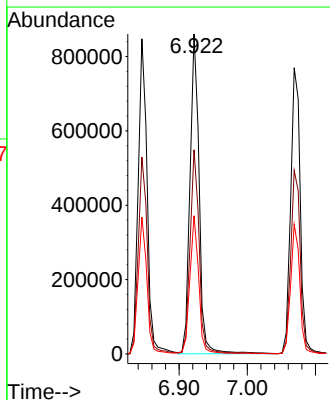
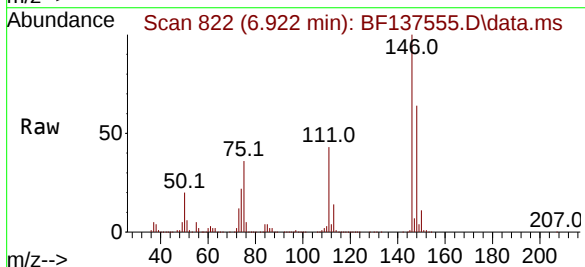
Manual Integrations
APPROVED

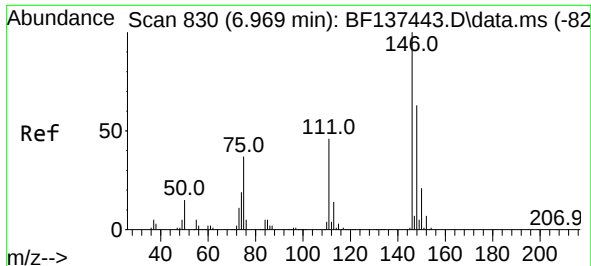
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#13
1,4-Dichlorobenzene
Concen: 44.569 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

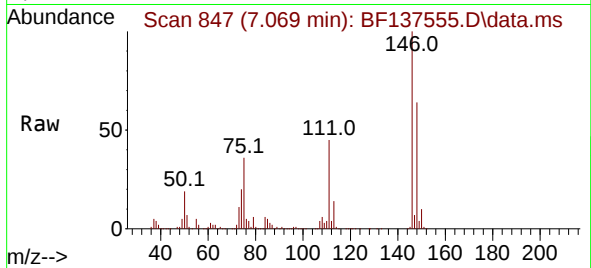
Tgt Ion:146 Resp: 794306
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 43.2 32.4 48.6





#14
1,2-Dichlorobenzene
Concen: 45.916 ng
RT: 7.069 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

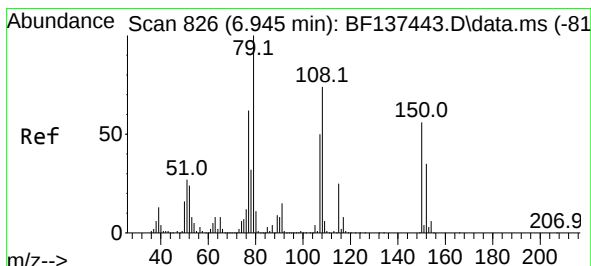
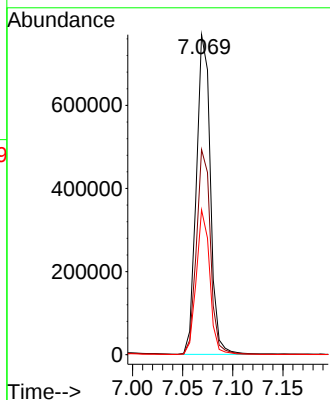
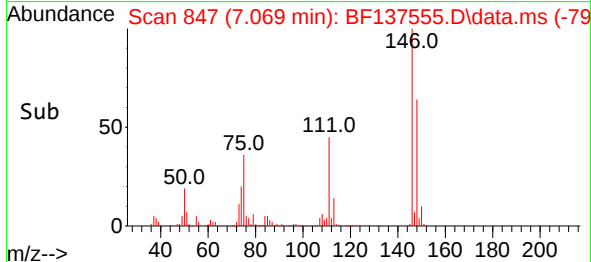
Instrument :
BNA_F
ClientSampleId :
PB159519BS



Tgt Ion:146 Resp: 751098
Ion Ratio Lower Upper
146 100
148 64.1 50.0 75.0
111 45.3 36.8 55.2

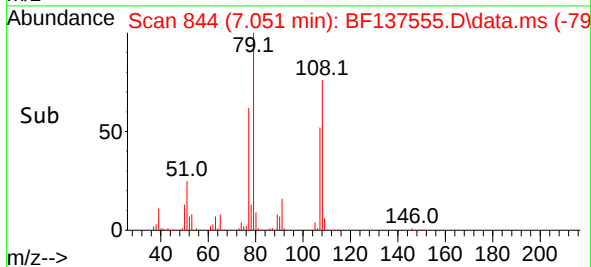
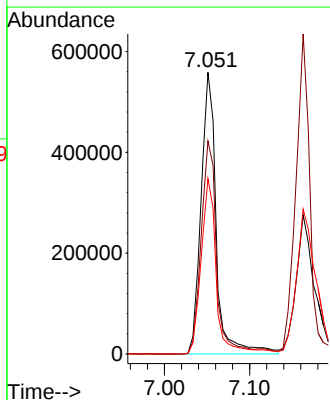
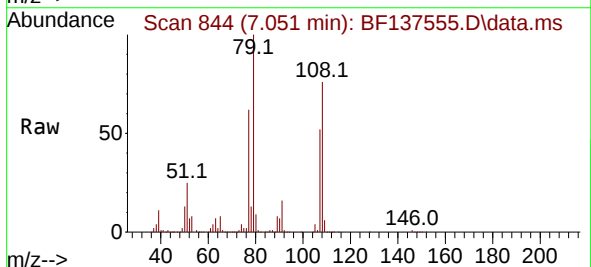
Manual Integrations
APPROVED

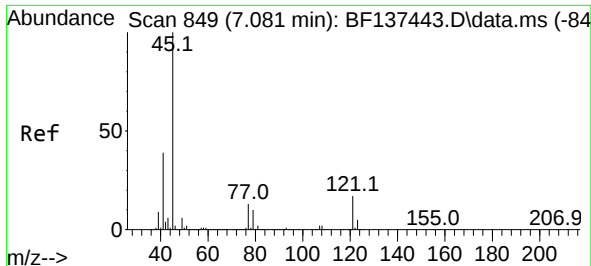
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#15
Benzyl Alcohol
Concen: 49.944 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

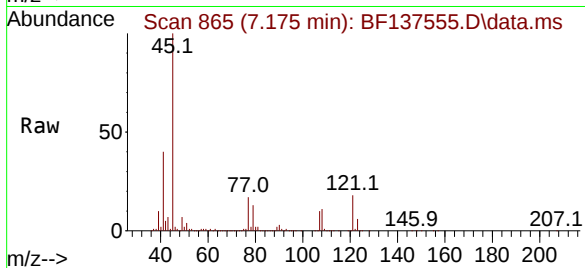
Tgt Ion: 79 Resp: 693639
Ion Ratio Lower Upper
79 100
108 75.6 59.5 89.3
77 62.2 50.0 75.0





#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.838 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

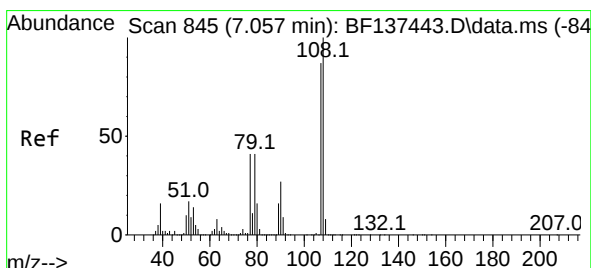
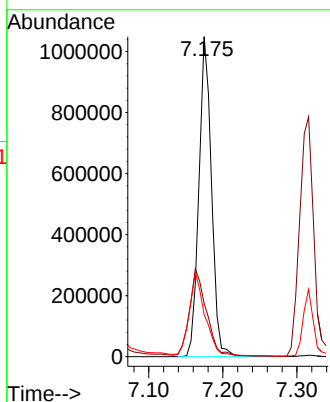
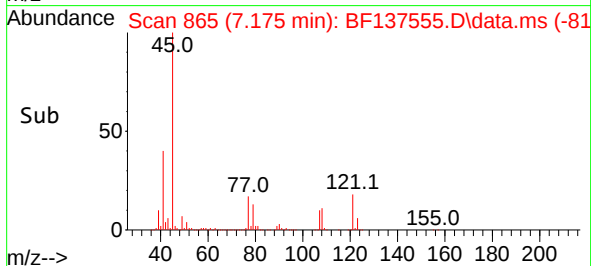
Instrument :
BNA_F
ClientSampleId :
PB159519BS



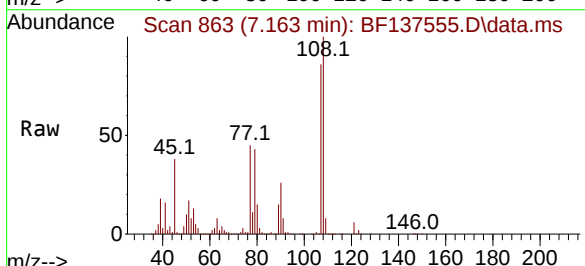
Tgt Ion: 45 Resp: 123515
Ion Ratio Lower Upper
45 100
77 16.7 0.0 33.4
79 13.2 0.0 30.9

Manual Integrations
APPROVED

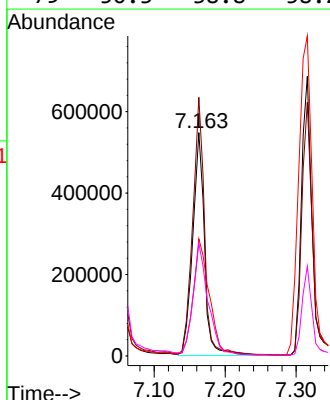
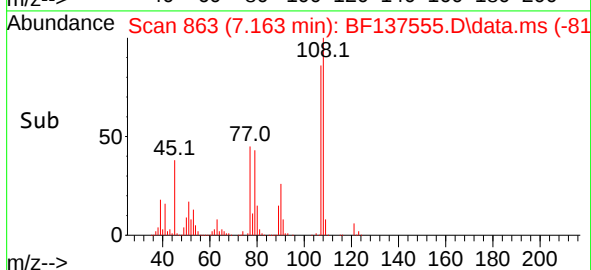
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

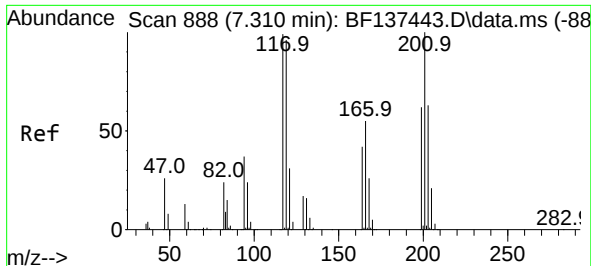


#17
2-Methylphenol
Concen: 41.751 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



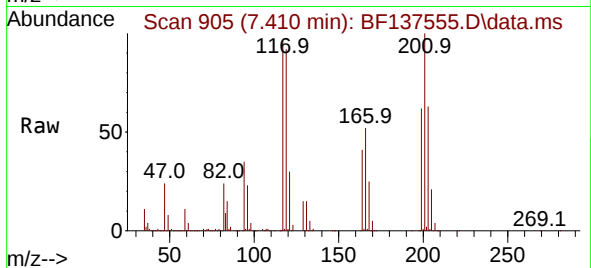
Tgt Ion:107 Resp: 636831
Ion Ratio Lower Upper
107 100
108 115.8 92.2 138.4
77 52.5 38.6 57.8
79 50.3 38.8 58.2





#18
Hexachloroethane
Concen: 46.612 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

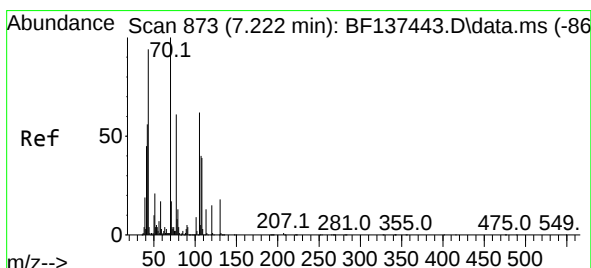
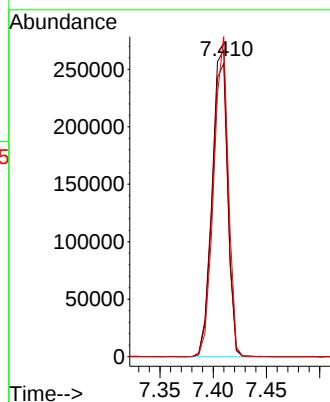
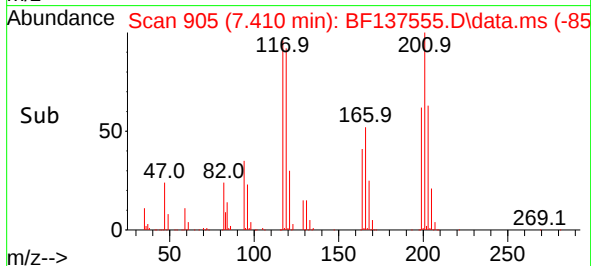
Instrument :
BNA_F
ClientSampleId :
PB159519BS



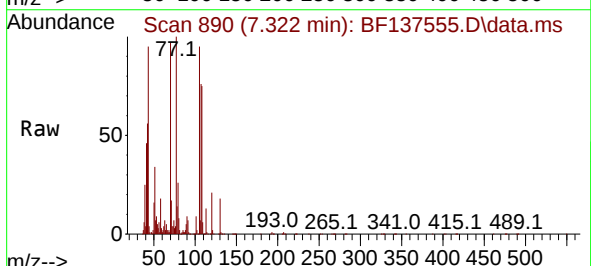
Tgt Ion:117 Resp: 27353
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
201 104.5 80.6 121.0

Manual Integrations
APPROVED

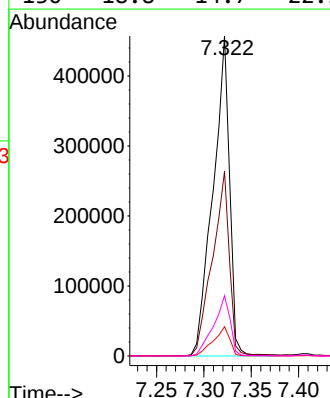
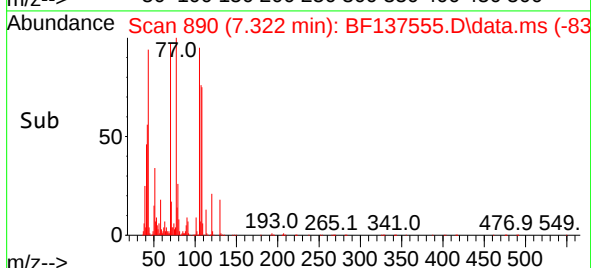
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

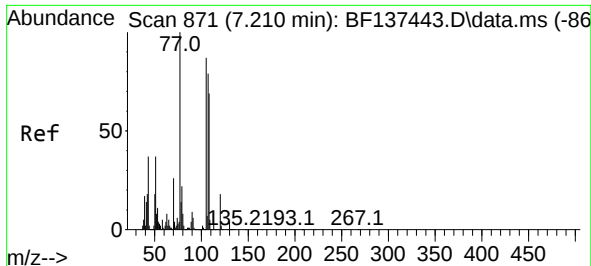


#19
n-Nitroso-di-n-propylamine
Concen: 40.425 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



Tgt Ion: 70 Resp: 556890
Ion Ratio Lower Upper
70 100
42 57.7 45.2 67.8
101 9.2 7.3 10.9
130 18.8 14.7 22.1





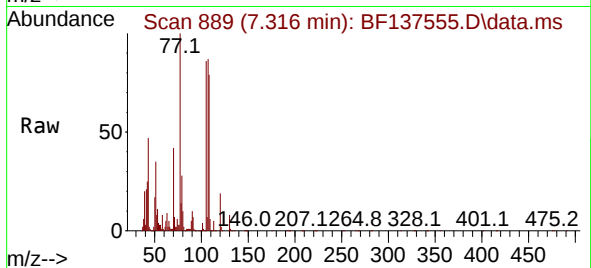
#20
3+4-Methylphenols
Concen: 40.927 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS



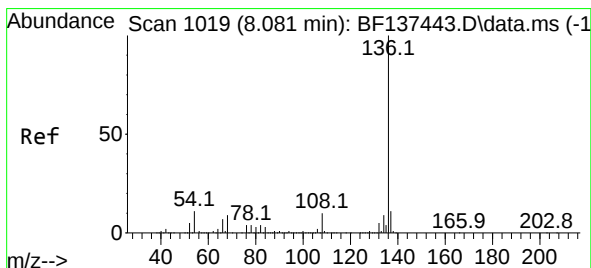
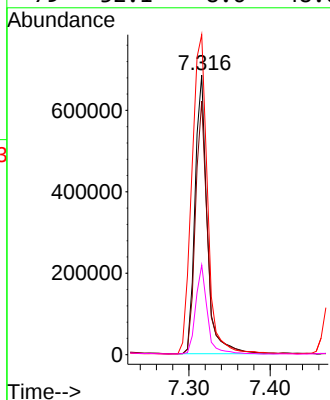
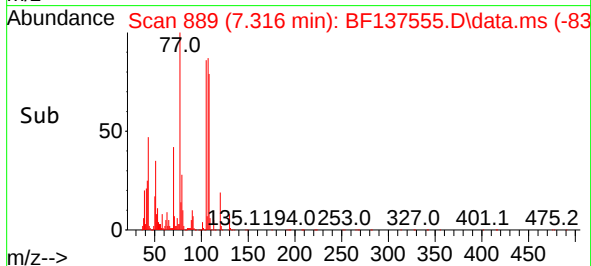
Tgt Ion:107 Resp: 714968
Ion Ratio Lower Upper
107 100
108 90.7 67.6 107.6
77 114.5 107.1 147.1
79 32.1 8.6 48.6

Manual Integrations

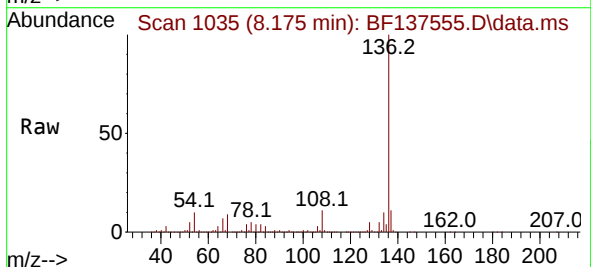
APPROVED

Reviewed By :Yogesh Patel 03/12/2024

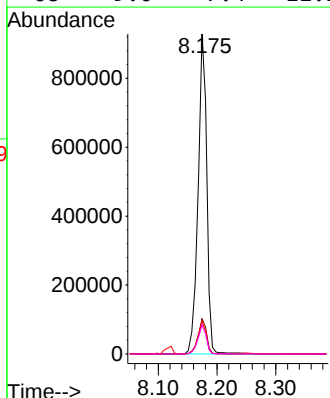
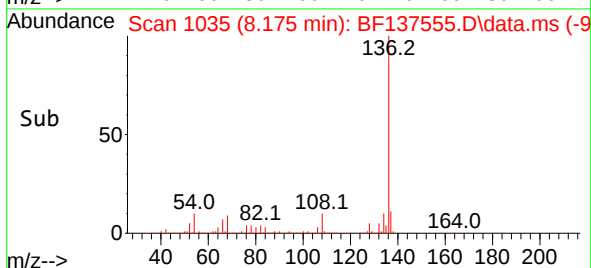
Supervised By :mohammad ahmed 03/12/2024

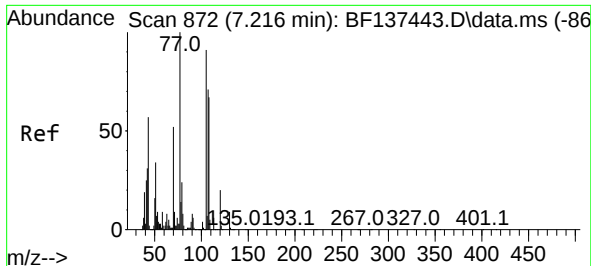


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



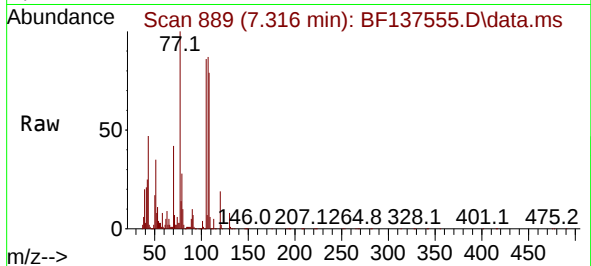
Tgt Ion:136 Resp: 951754
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.2 8.5 12.7
68 9.0 7.4 11.2





#22
Acetophenone
Concen: 43.841 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

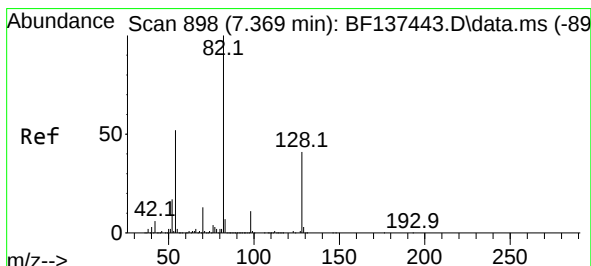
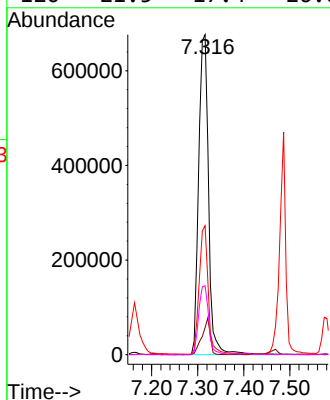
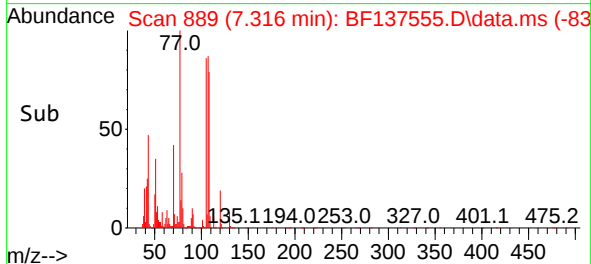
Instrument :
BNA_F
ClientSampleId :
PB159519BS



Tgt Ion: 105 Resp: 100958
Ion Ratio Lower Upper
105 100
71 8.4 7.7 11.5
51 40.3 30.4 45.6
120 21.5 17.4 26.0

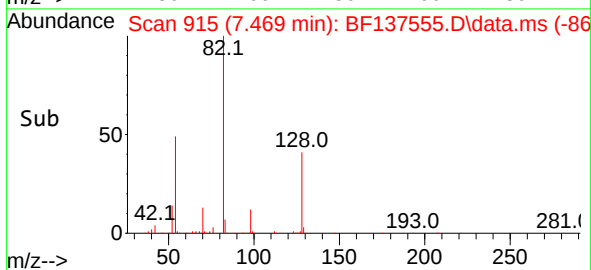
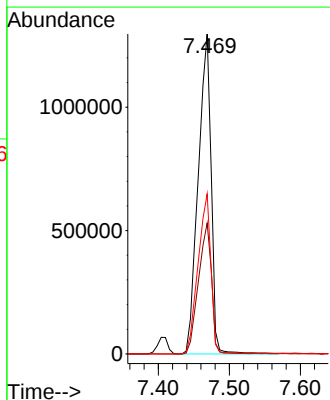
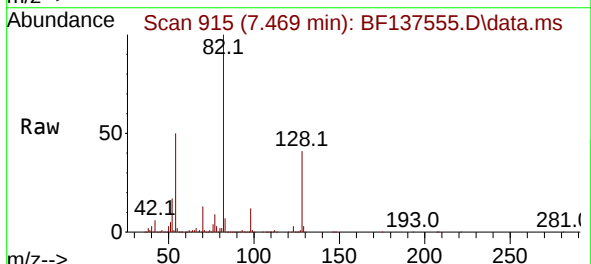
Manual Integrations
APPROVED

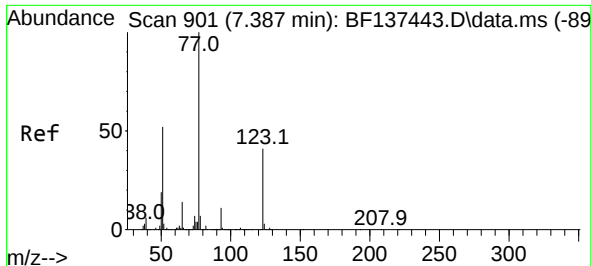
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#23
Nitrobenzene-d5
Concen: 80.572 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 82 Resp: 1650413
Ion Ratio Lower Upper
82 100
128 40.9 32.5 48.7
54 50.0 41.5 62.3





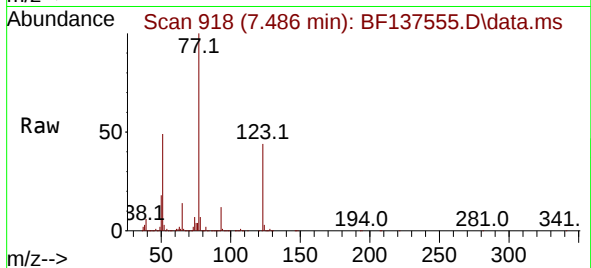
#24
Nitrobenzene
Concen: 42.237 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS



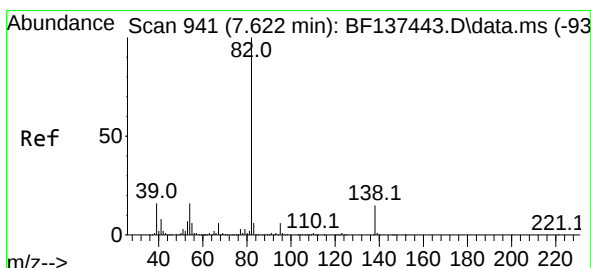
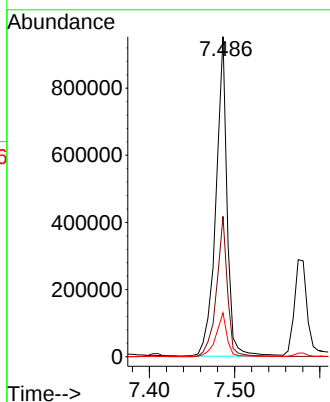
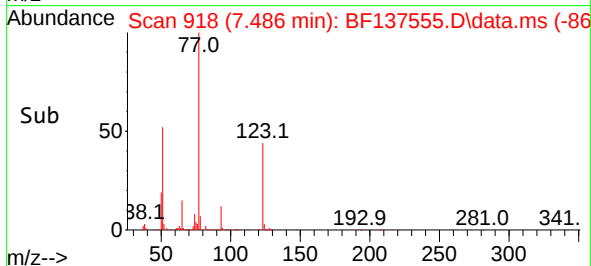
Tgt Ion: 77 Resp: 869097
Ion Ratio Lower Upper
77 100
123 43.8 33.0 49.6
65 13.7 10.9 16.3

Manual Integrations

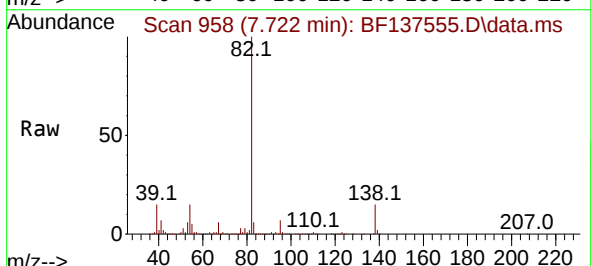
APPROVED

Reviewed By :Yogesh Patel 03/12/2024

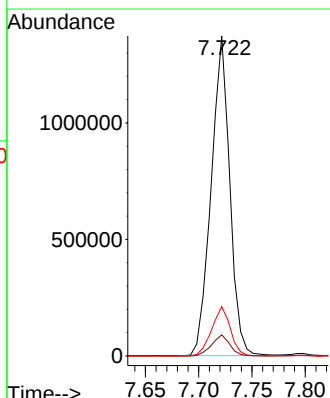
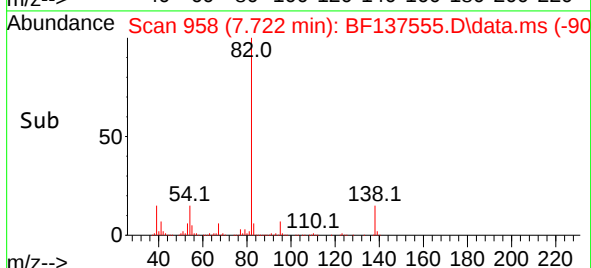
Supervised By :mohammad ahmed 03/12/2024

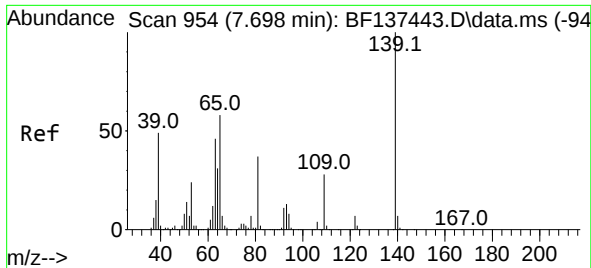


#25
Isophorone
Concen: 42.933 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



Tgt Ion: 82 Resp: 1670745
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.5 11.8 17.8





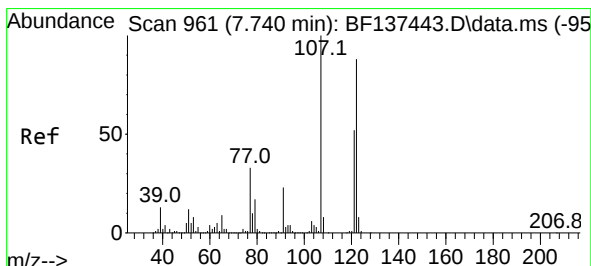
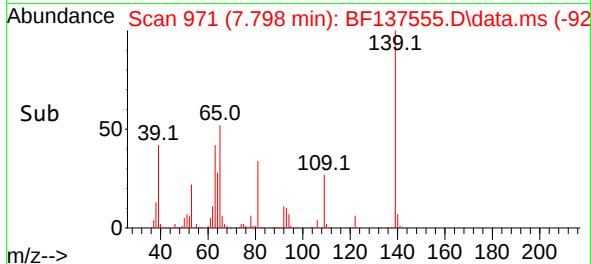
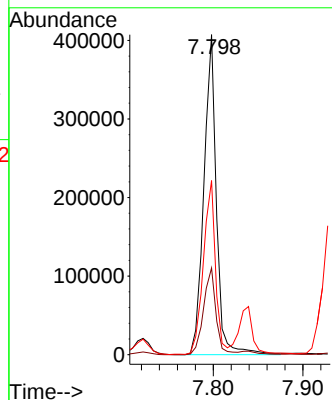
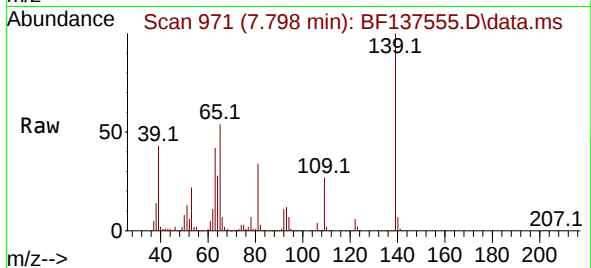
#26
2-Nitrophenol
Concen: 48.510 ng
RT: 7.798 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :
BNA_F
ClientSampleId :
PB159519BS

Tgt Ion:139 Resp: 39629
Ion Ratio Lower Upper
139 100
109 27.1 22.2 33.4
65 54.4 46.2 69.2

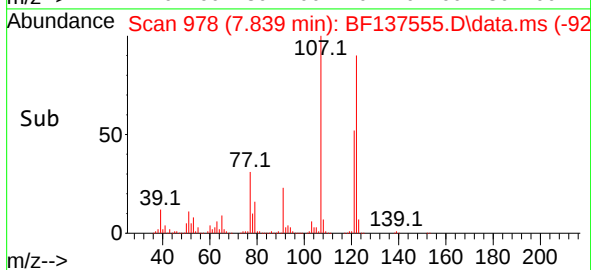
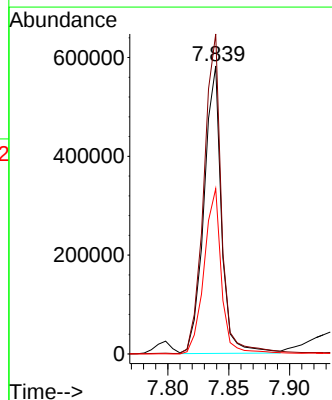
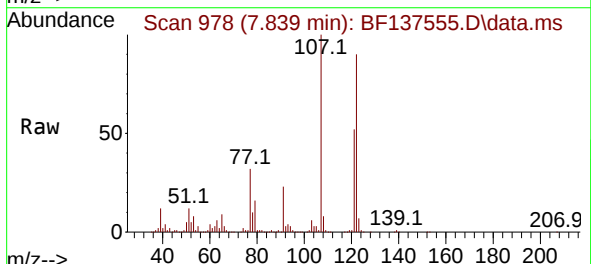
Manual Integrations
APPROVED

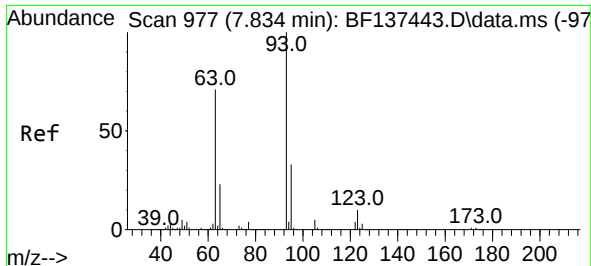
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#27
2,4-Dimethylphenol
Concen: 38.091 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:122 Resp: 581440
Ion Ratio Lower Upper
122 100
107 111.1 90.9 136.3
121 57.4 47.0 70.6





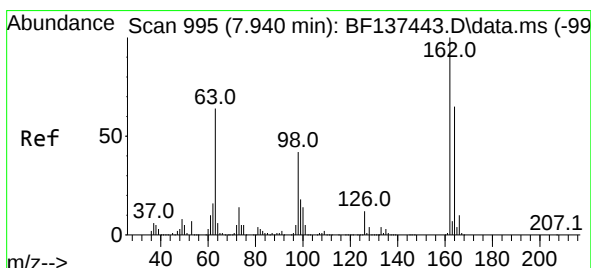
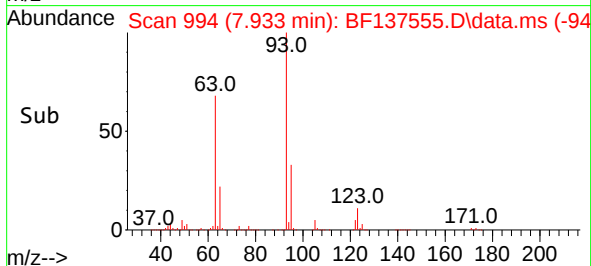
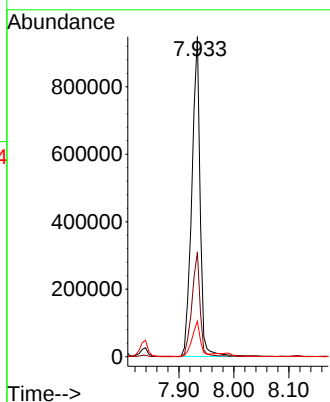
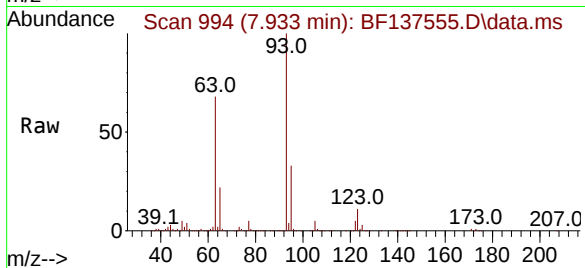
#28
bis(2-Chloroethoxy)methane
Concen: 43.517 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :
BNA_F
ClientSampleId :
PB159519BS

Tgt Ion: 93 Resp: 993609
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 11.1 8.0 12.0

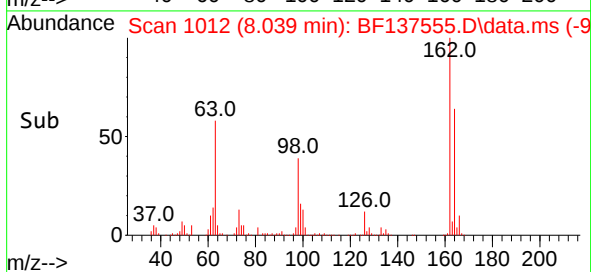
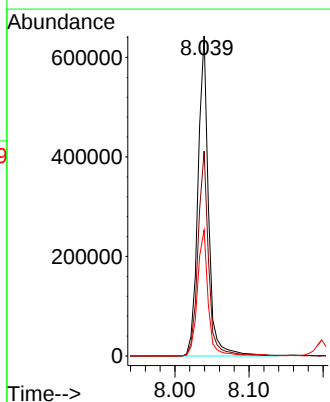
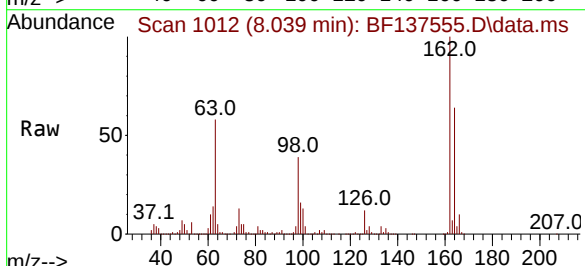
Manual Integrations
APPROVED

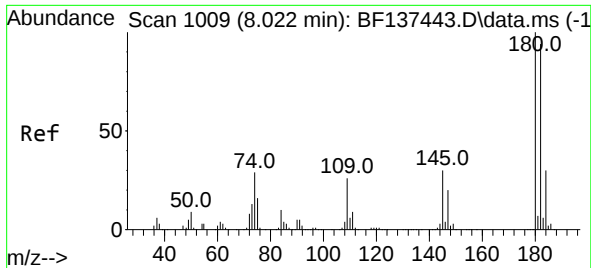
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#29
2,4-Dichlorophenol
Concen: 45.366 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:162 Resp: 635562
Ion Ratio Lower Upper
162 100
164 64.0 44.7 84.7
98 39.4 22.0 62.0





#30
1,2,4-Trichlorobenzene
Concen: 44.485 ng
RT: 8.116 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

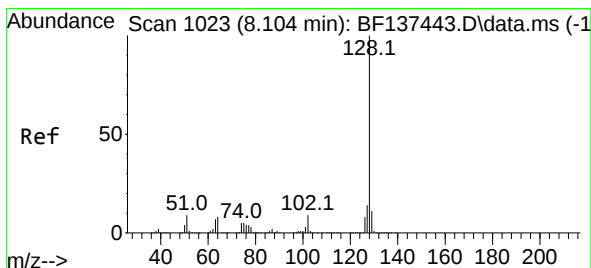
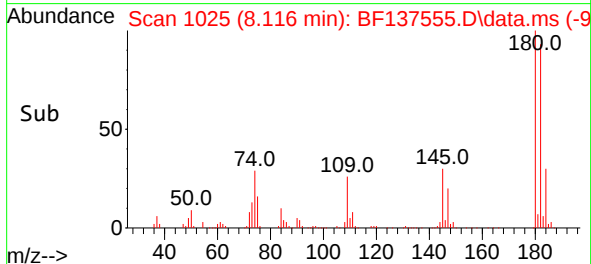
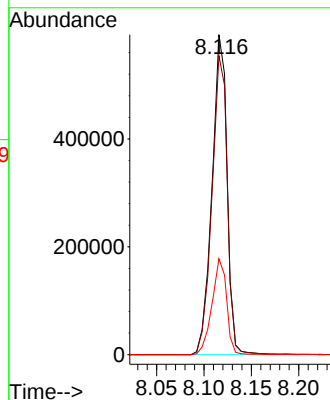
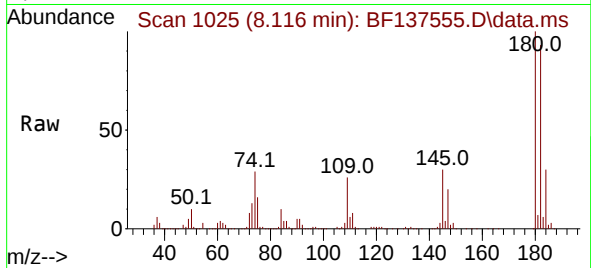
PB159519BS

Tgt Ion:180 Resp: 655839
Ion Ratio Lower Upper
180 100
182 93.4 75.0 112.6
145 30.0 23.7 35.5

Manual Integrations

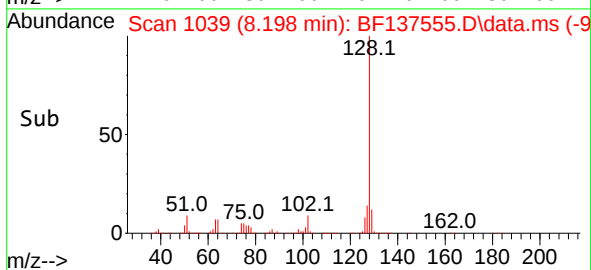
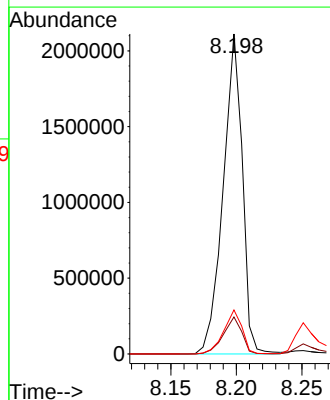
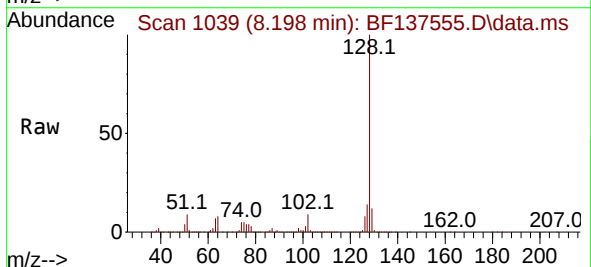
APPROVED

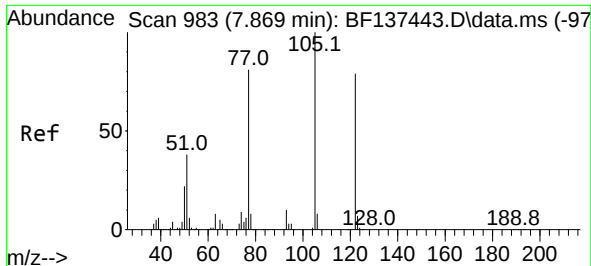
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#31
Naphthalene
Concen: 41.986 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

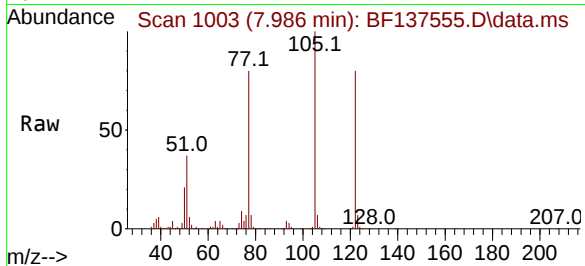
Tgt Ion:128 Resp: 2144026
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.8 10.8 16.2





#32
Benzoic acid
Concen: 46.766 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

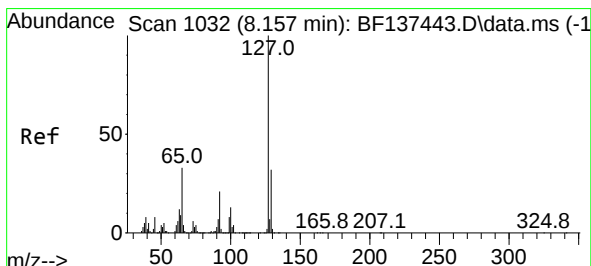
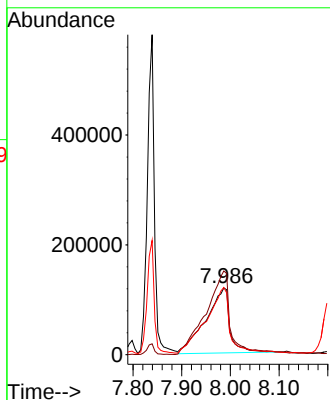
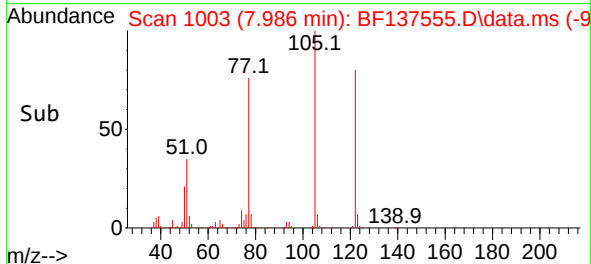
Instrument :
BNA_F
ClientSampleId :
PB159519BS



Tgt Ion:122 Resp: 40946
Ion Ratio Lower Upper
122 100
105 125.4 102.4 142.4
77 100.6 81.1 121.1

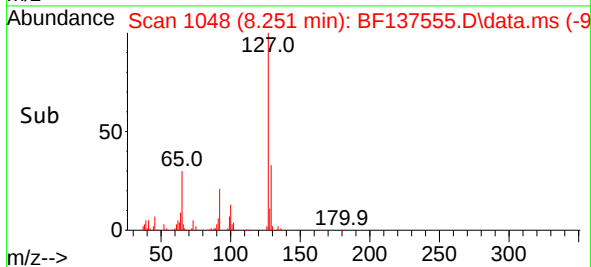
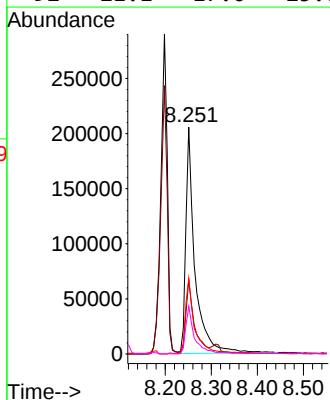
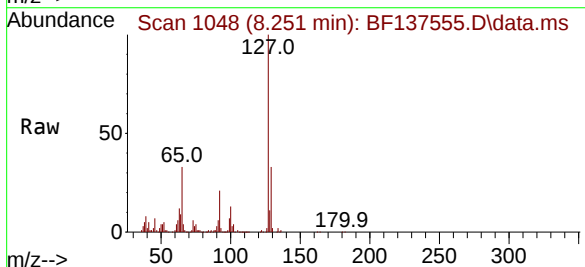
Manual Integrations
APPROVED

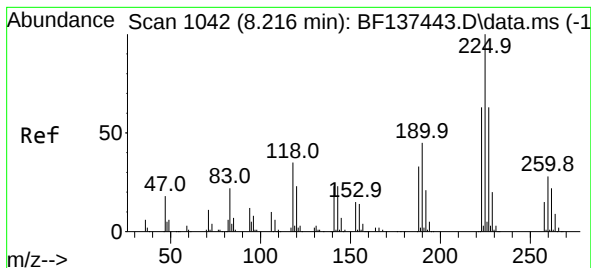
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#33
4-Chloroaniline
Concen: 14.132 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:127 Resp: 282971
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 33.5 26.8 40.2
92 21.1 17.0 25.6





#34

Hexachlorobutadiene

Concen: 44.008 ng

RT: 8.310 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

Tgt Ion:225 Resp: 383040

Ion Ratio Lower Upper

225 100

223 63.8 50.7 76.1

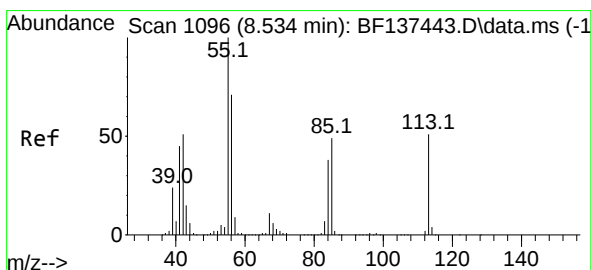
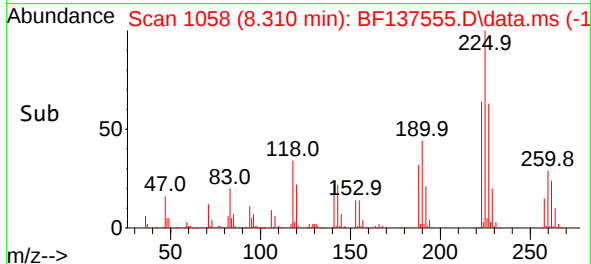
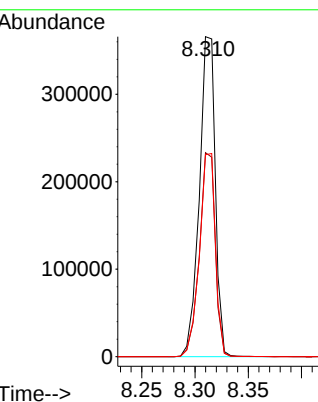
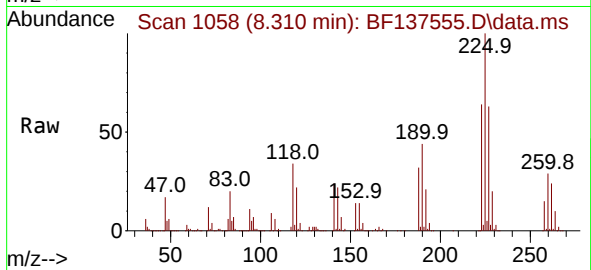
227 63.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#35

Caprolactam

Concen: 47.720 ng m

RT: 8.633 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

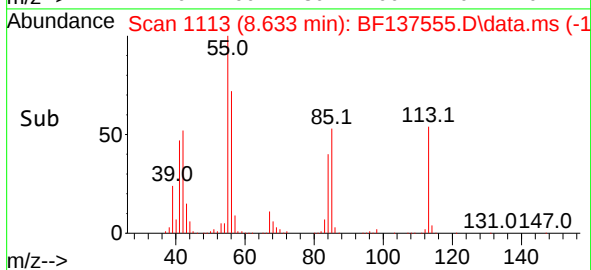
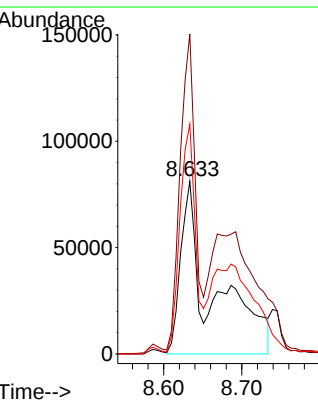
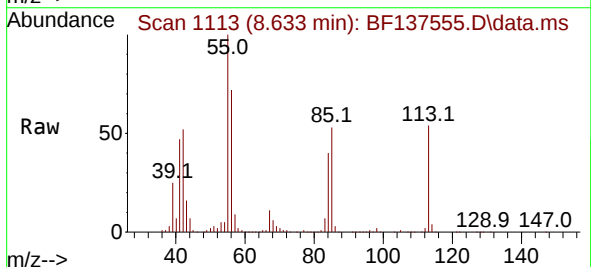
Tgt Ion:113 Resp: 226692

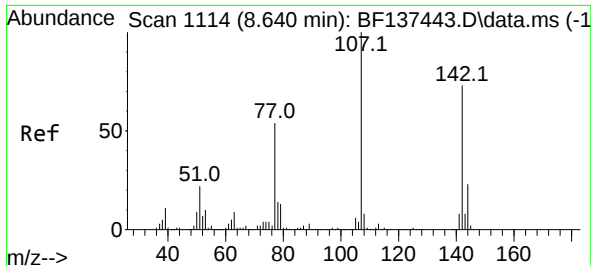
Ion Ratio Lower Upper

113 100

55 185.3 176.7 216.7

56 133.0 120.6 160.6





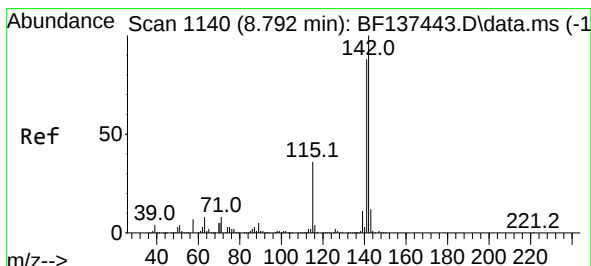
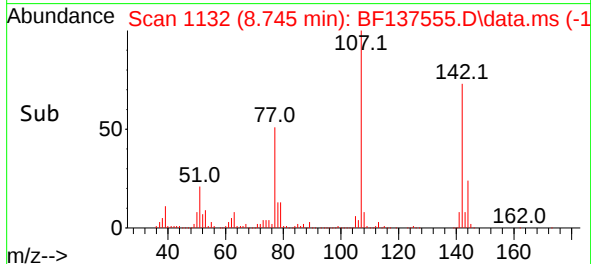
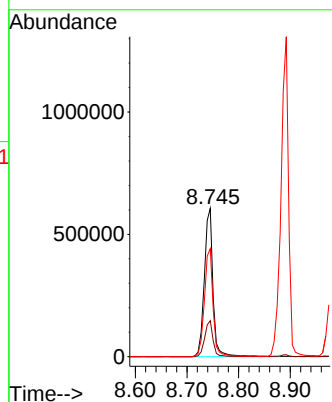
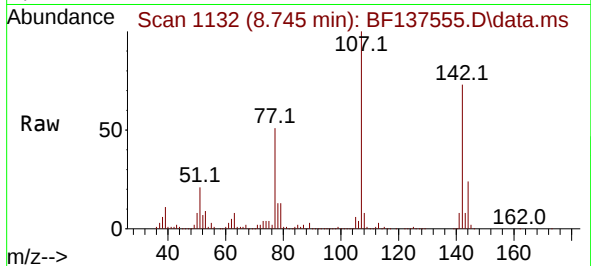
#36
4-Chloro-3-methylphenol
Concen: 44.910 ng
RT: 8.745 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :
BNA_F
ClientSampleId :
PB159519BS

Tgt Ion:107 Resp: 703270
Ion Ratio Lower Upper
107 100
144 24.3 18.7 28.1
142 72.8 58.2 87.2

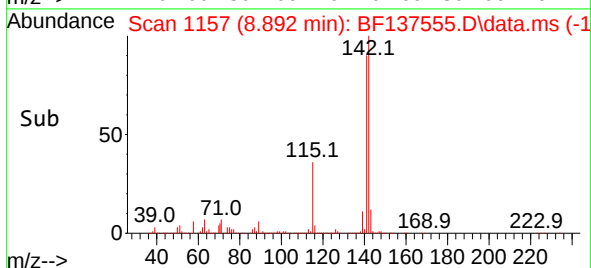
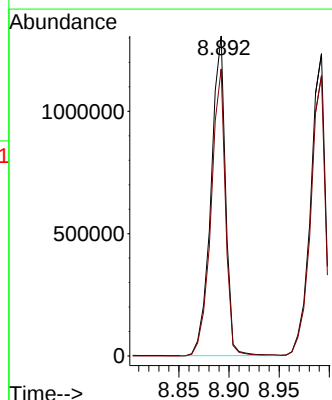
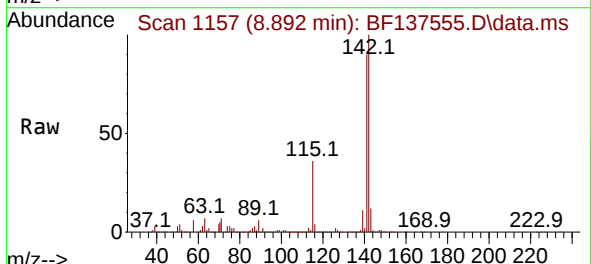
Manual Integrations
APPROVED

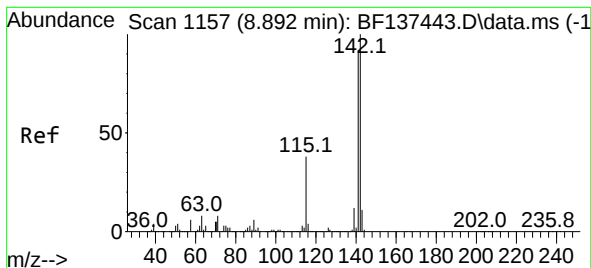
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#37
2-Methylnaphthalene
Concen: 40.624 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:142 Resp: 1322474
Ion Ratio Lower Upper
142 100
141 89.7 70.4 105.6





#38

1-Methylnaphthalene

Concen: 40.976 ng

RT: 8.992 min Scan# 1157

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

Tgt Ion:142 Resp: 1256200

Ion Ratio Lower Upper

142 100

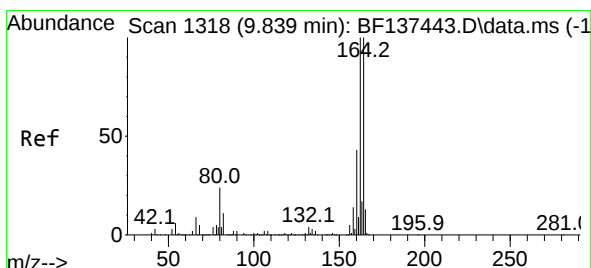
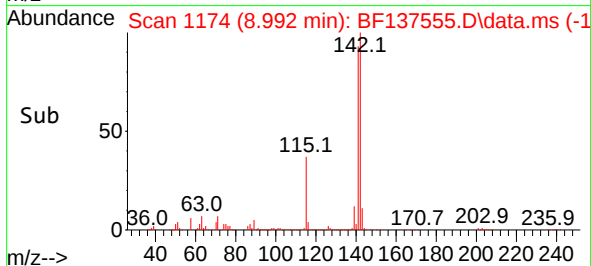
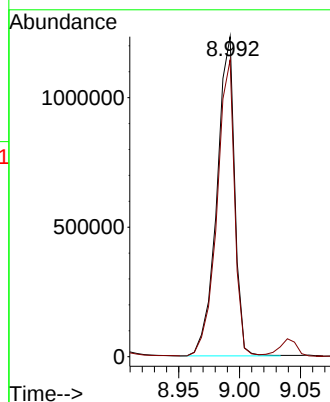
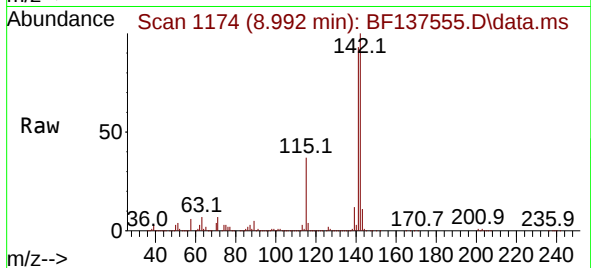
141 92.7 73.4 110.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

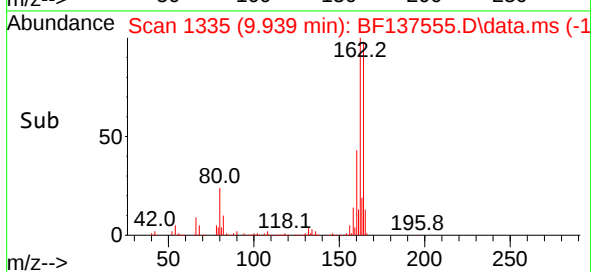
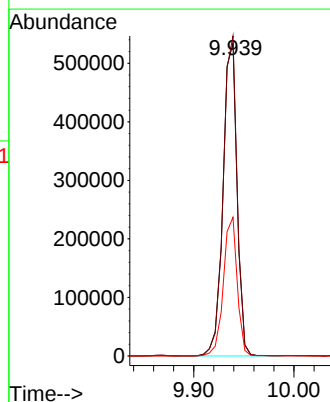
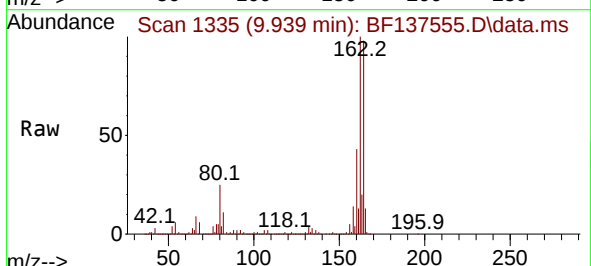
Tgt Ion:164 Resp: 519883

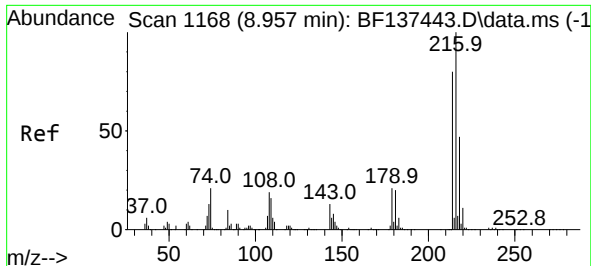
Ion Ratio Lower Upper

164 100

162 102.4 79.8 119.8

160 44.4 34.4 51.6





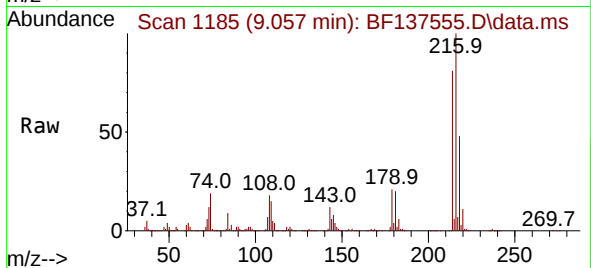
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.829 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS



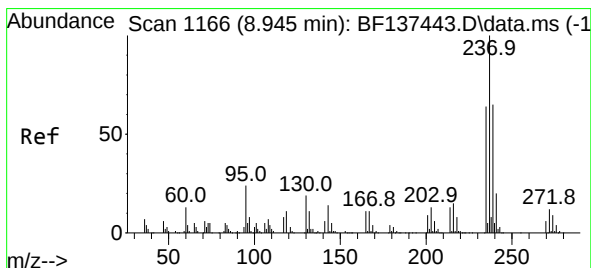
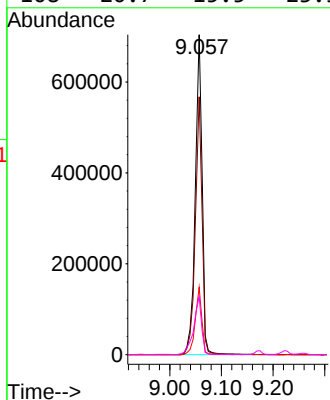
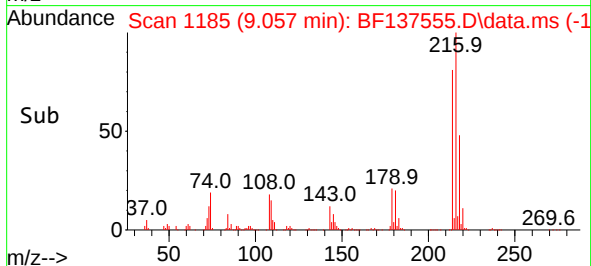
Tgt Ion:216 Resp: 65064
Ion Ratio Lower Upper
216 100
214 79.4 63.5 95.3
179 20.3 16.6 25.0
108 20.7 15.5 23.3

Manual Integrations

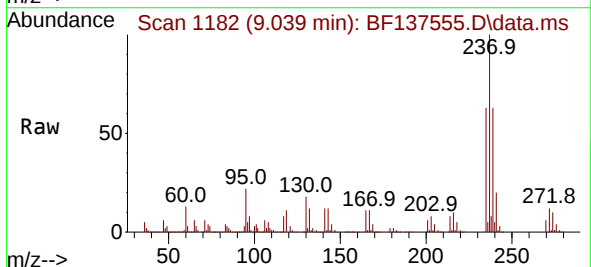
APPROVED

Reviewed By :Yogesh Patel 03/12/2024

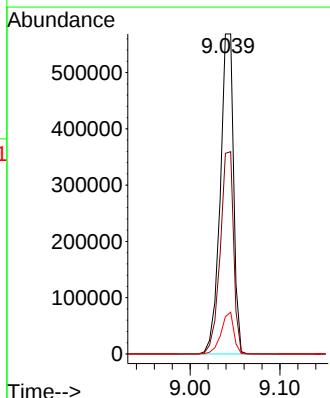
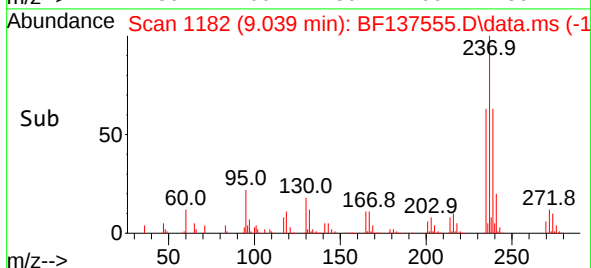
Supervised By :mohammad ahmed 03/12/2024

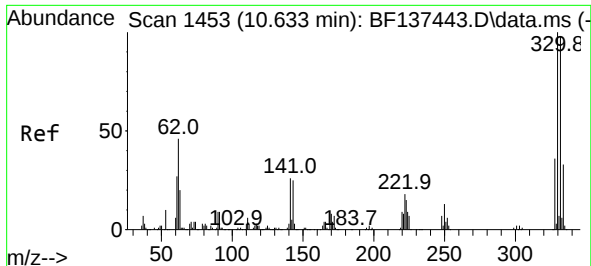


#41
Hexachlorocyclopentadiene
Concen: 97.013 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



Tgt Ion:237 Resp: 586185
Ion Ratio Lower Upper
237 100
235 62.7 43.6 83.6
272 11.7 0.0 31.9





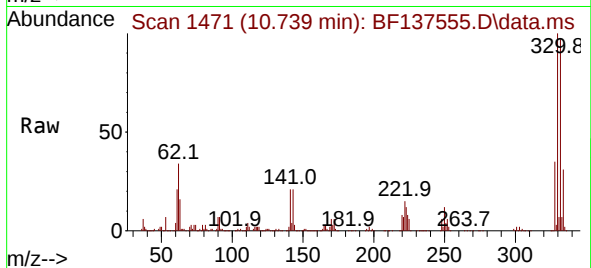
#42
2,4,6-Tribromophenol
Concen: 143.520 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS



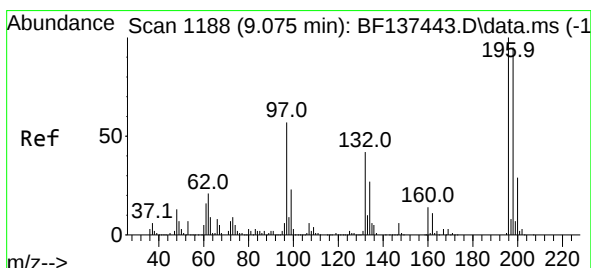
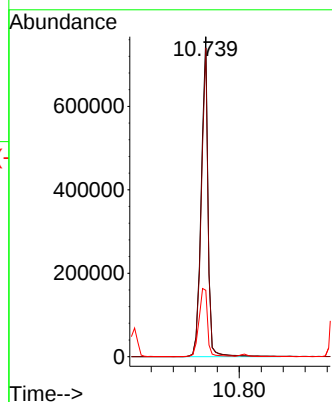
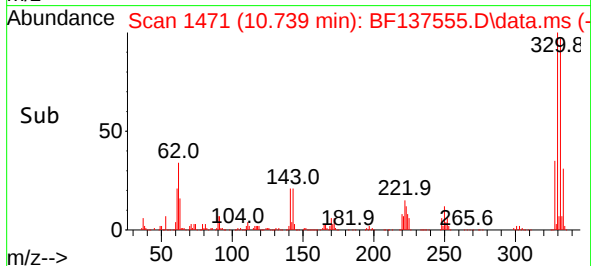
Tgt Ion:330 Resp: 655239
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 27.1 27.3 40.9

Manual Integrations

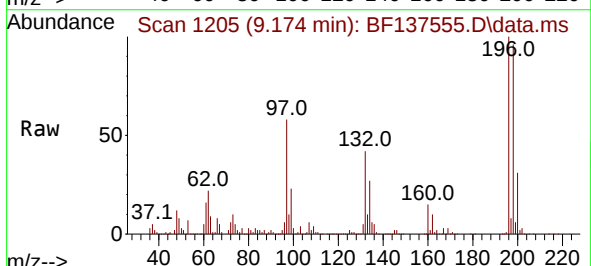
APPROVED

Reviewed By :Yogesh Patel 03/12/2024

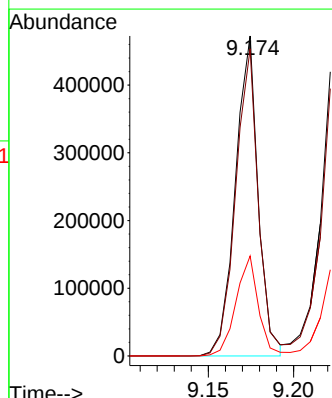
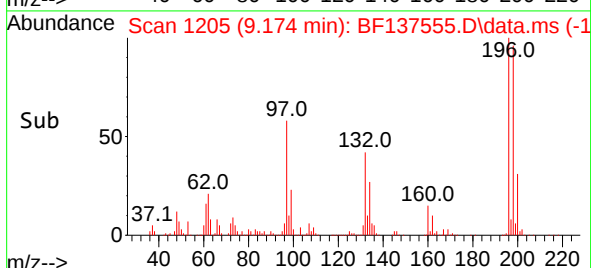
Supervised By :mohammad ahmed 03/12/2024

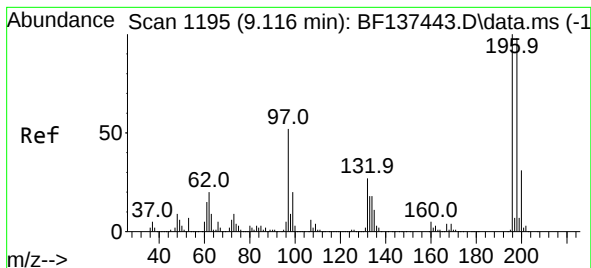


#43
2,4,6-Trichlorophenol
Concen: 46.299 ng
RT: 9.174 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



Tgt Ion:196 Resp: 437593
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.8
200 31.2 23.5 35.3





#44

2,4,5-Trichlorophenol

Concen: 42.797 ng

RT: 9.227 min Scan# 1195

Delta R.T. 0.017 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

Tgt Ion:196 Resp: 46596

Ion Ratio Lower Upper

196 100

198 96.4 78.6 117.8

97 47.3 41.8 62.8

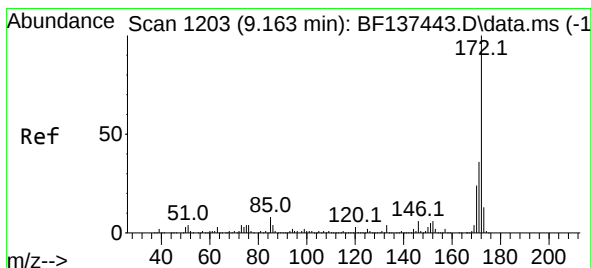
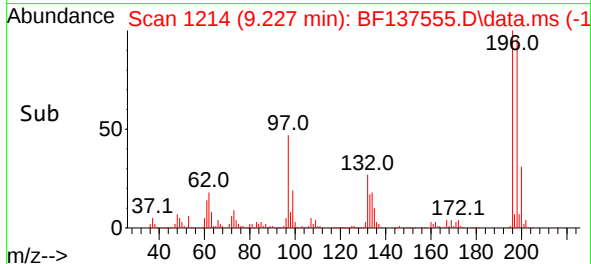
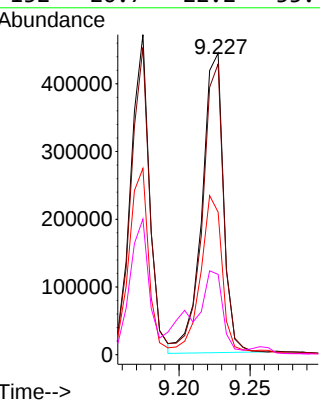
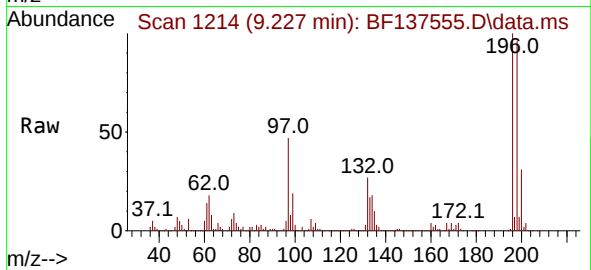
132 26.7 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#45

2-Fluorobiphenyl

Concen: 78.968 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

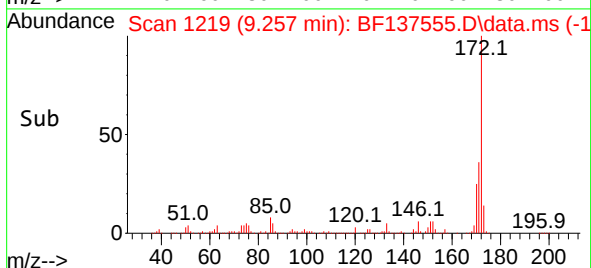
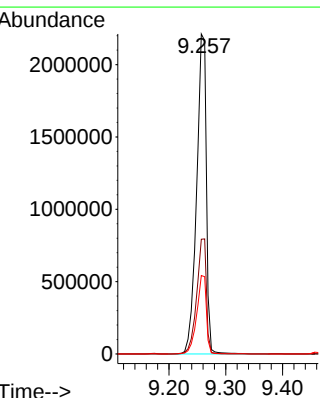
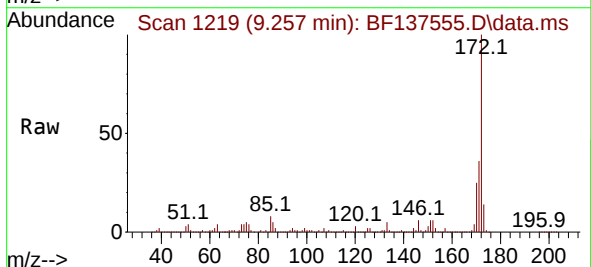
Tgt Ion:172 Resp: 2622657

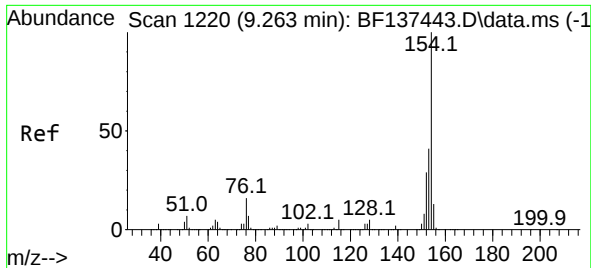
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 24.5 19.0 28.6





#46
1,1'-Biphenyl
Concen: 43.496 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

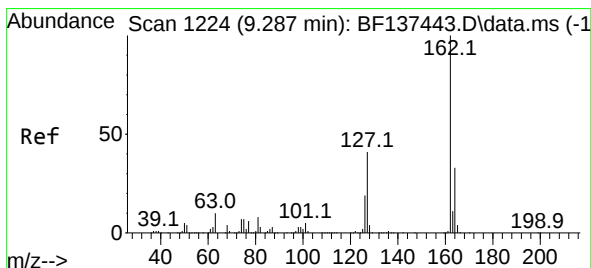
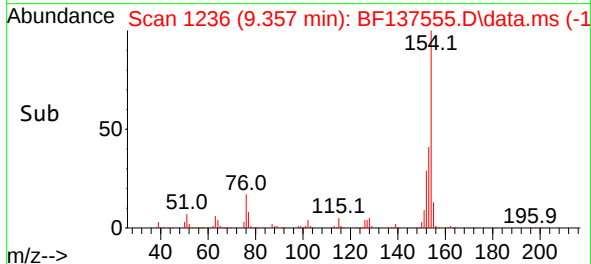
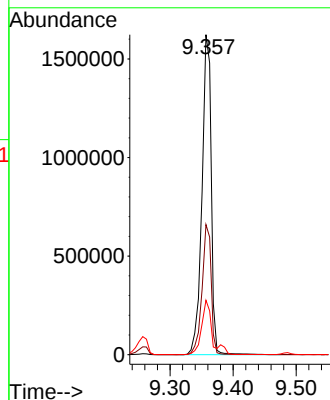
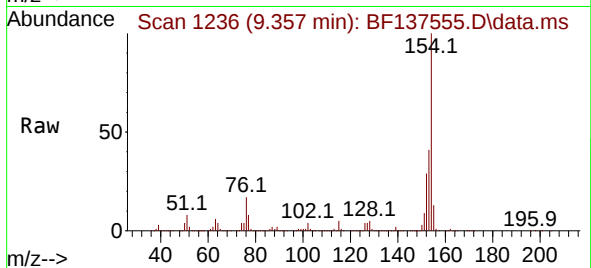
PB159519BS

Tgt Ion:154 Resp: 1655070
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 17.0 0.0 35.8

Manual Integrations

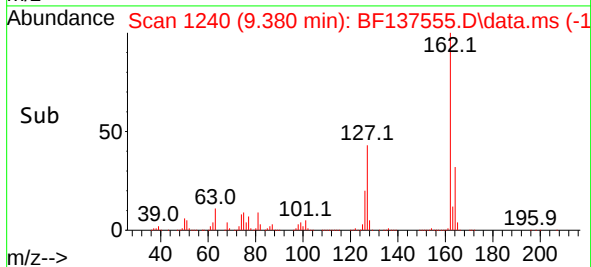
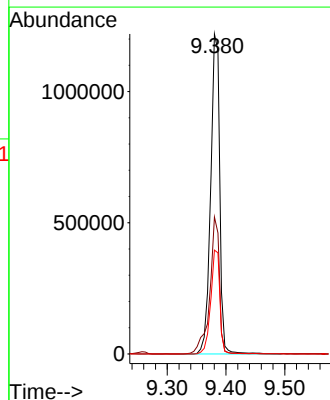
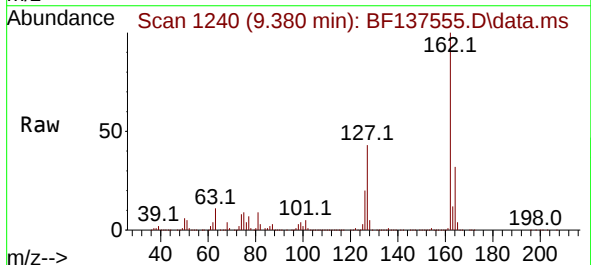
APPROVED

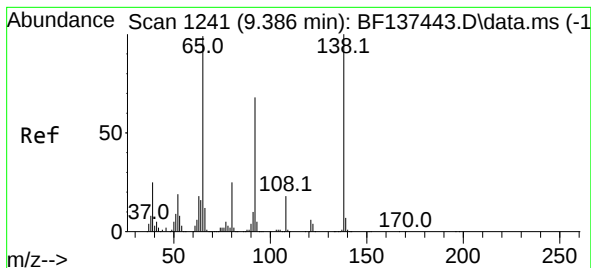
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#47
2-Chloronaphthalene
Concen: 45.081 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:162 Resp: 1307838
Ion Ratio Lower Upper
162 100
127 42.8 32.6 49.0
164 32.4 26.5 39.7





#48

2-Nitroaniline

Concen: 46.855 ng

RT: 9.486 min Scan# 1311

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

Tgt Ion: 65 Resp: 462014

Ion Ratio Lower Upper

65 100

92 68.5 55.4 83.2

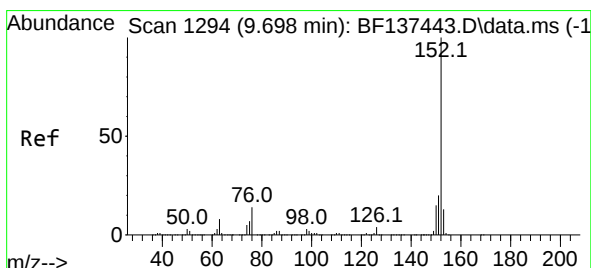
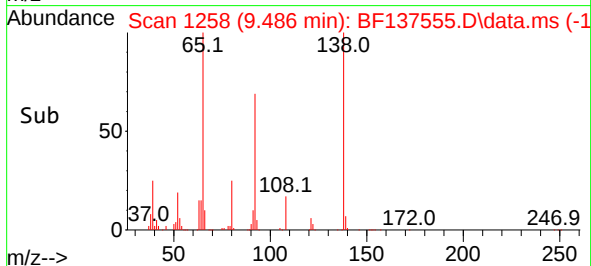
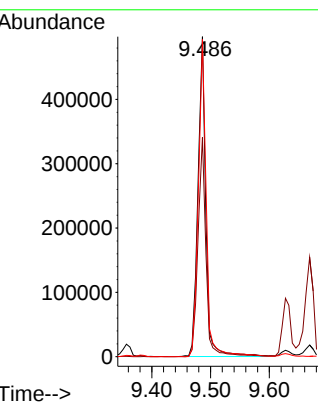
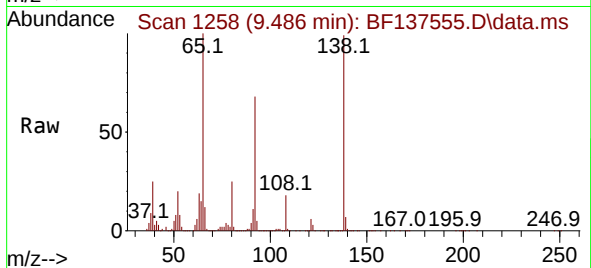
138 99.1 81.0 121.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#49

Acenaphthylene

Concen: 44.346 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

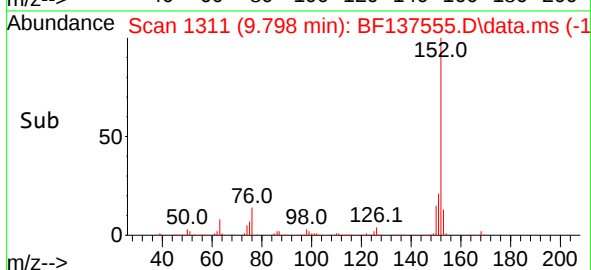
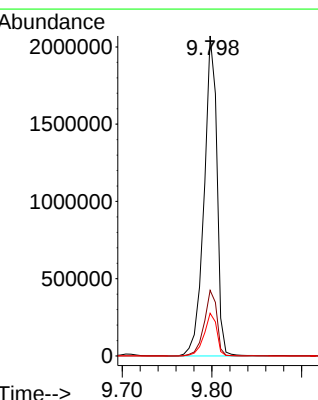
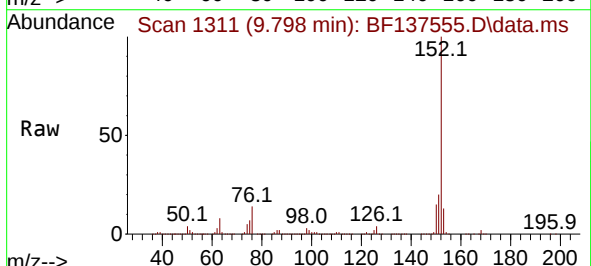
Tgt Ion:152 Resp: 2058831

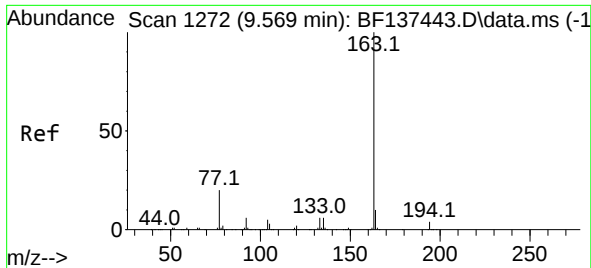
Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

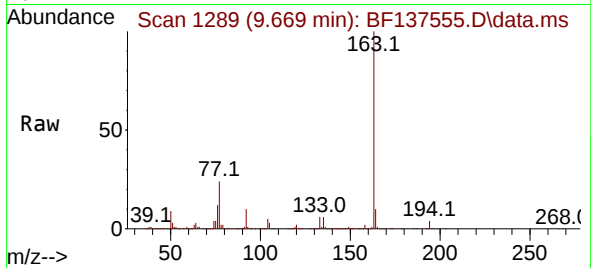
153 13.4 10.8 16.2





#50
Dimethylphthalate
Concen: 44.173 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

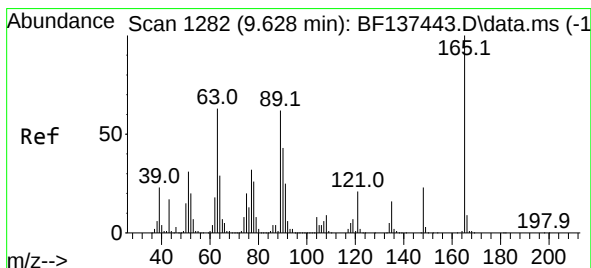
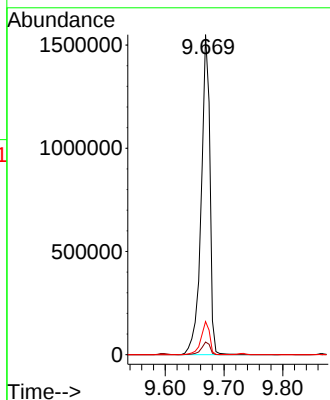
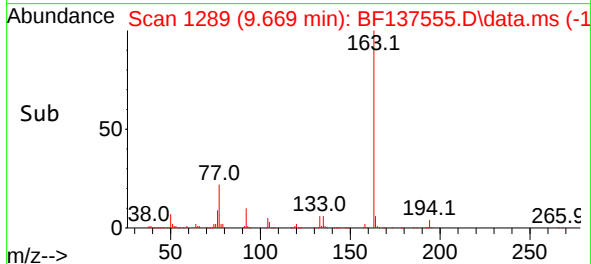
Instrument :
BNA_F
ClientSampleId :
PB159519BS



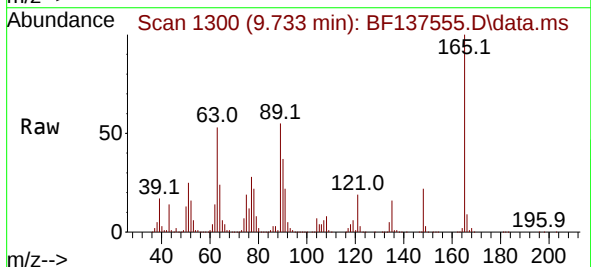
Tgt Ion:163 Resp: 159863
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.1 12.1

Manual Integrations
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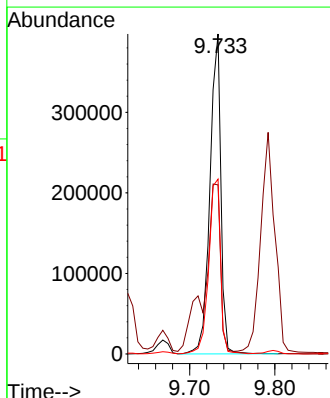
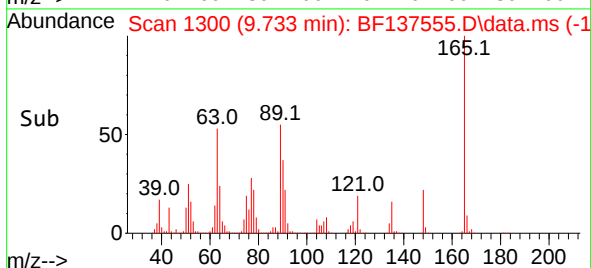
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

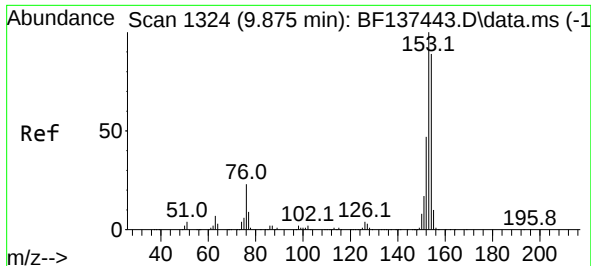


#51
2,6-Dinitrotoluene
Concen: 47.002 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



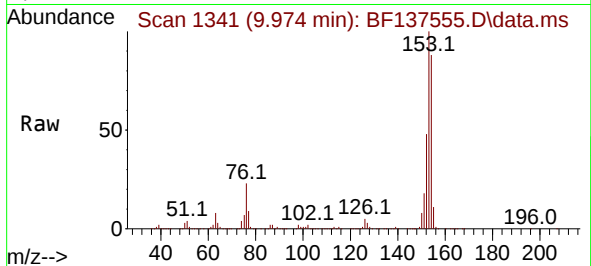
Tgt Ion:165 Resp: 355778
Ion Ratio Lower Upper
165 100
63 52.9 50.7 76.1
89 54.6 50.0 75.0





#52
Acenaphthene
Concen: 41.980 ng
RT: 9.974 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

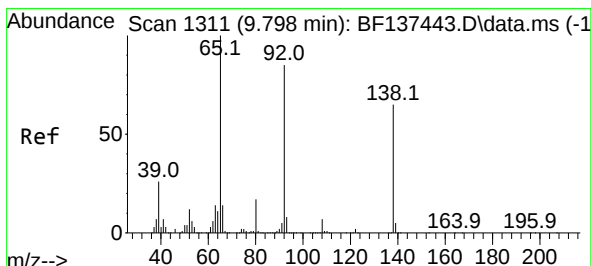
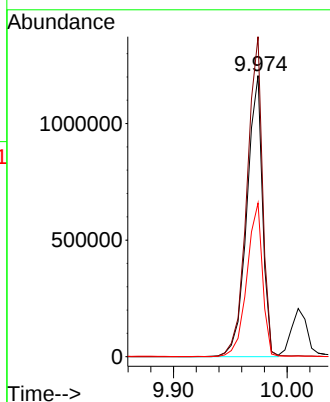
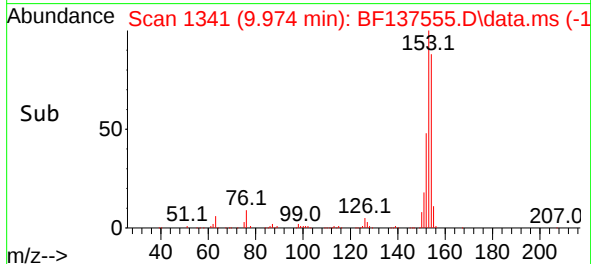
Instrument :
BNA_F
ClientSampleId :
PB159519BS



Tgt Ion:154 Resp: 116356
Ion Ratio Lower Upper
154 100
153 113.8 90.3 135.5
152 54.6 42.7 64.1

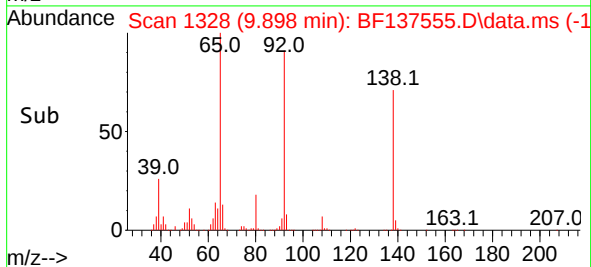
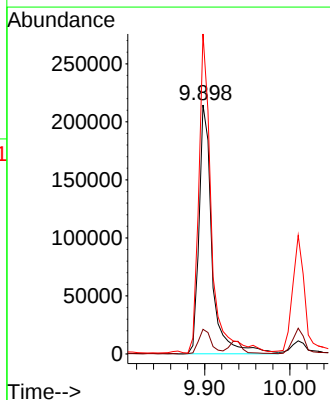
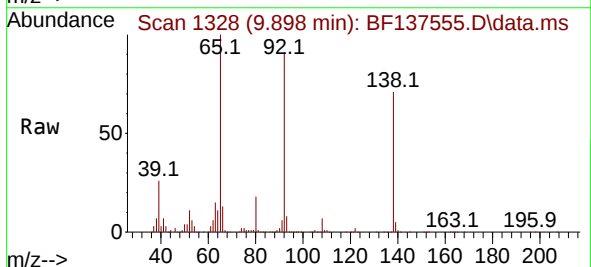
Manual Integrations
APPROVED

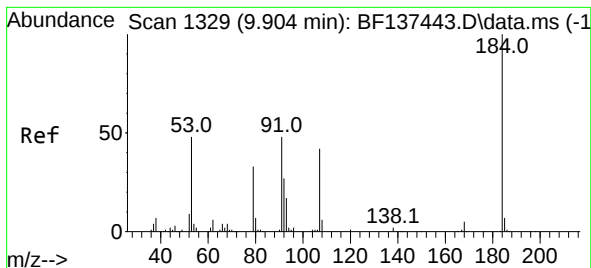
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#53
3-Nitroaniline
Concen: 28.293 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:138 Resp: 226528
Ion Ratio Lower Upper
138 100
108 9.9 9.1 13.7
92 128.6 104.6 157.0





#54
2,4-Dinitrophenol
Concen: 97.931 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

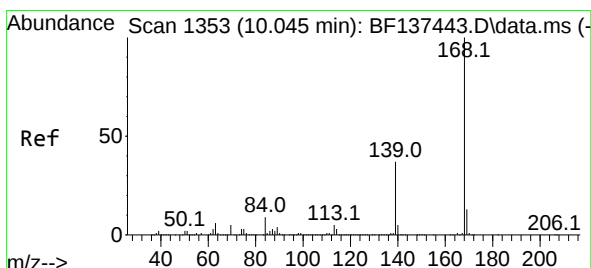
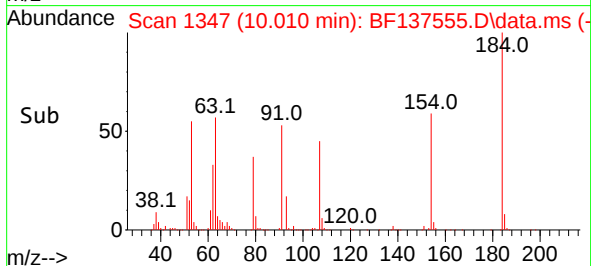
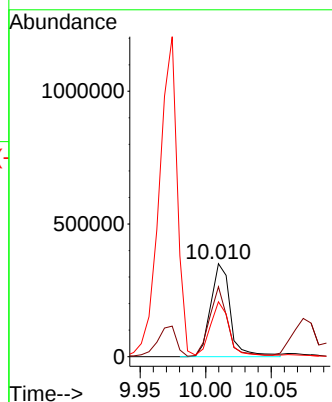
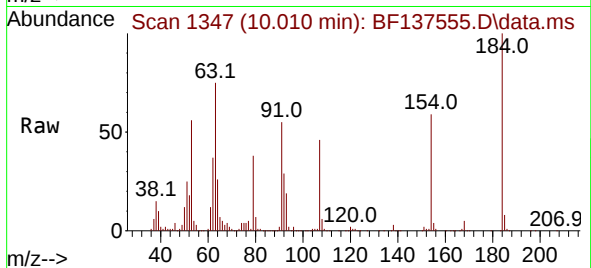
ClientSampleId :

PB159519BS

Tgt Ion:184 Resp: 369140
Ion Ratio Lower Upper
184 100
63 75.2 53.3 79.9
154 59.0 47.4 71.0

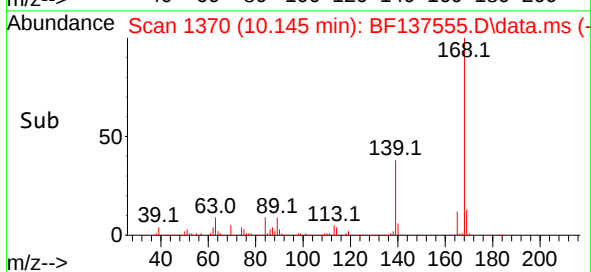
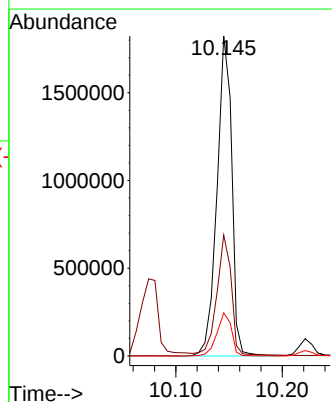
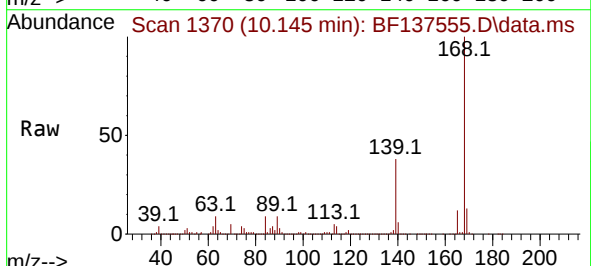
Manual Integrations
APPROVED

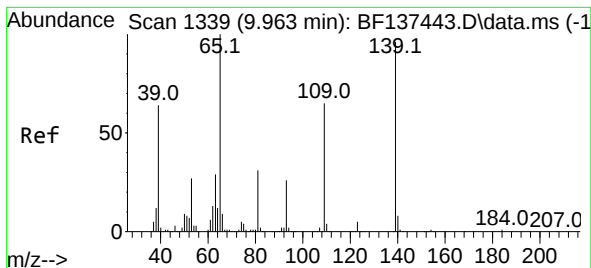
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#55
Dibenzofuran
Concen: 41.407 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:168 Resp: 1748012
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.6
169 13.4 10.8 16.2





#56
4-Nitrophenol
Concen: 92.093 ng
RT: 10.074 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

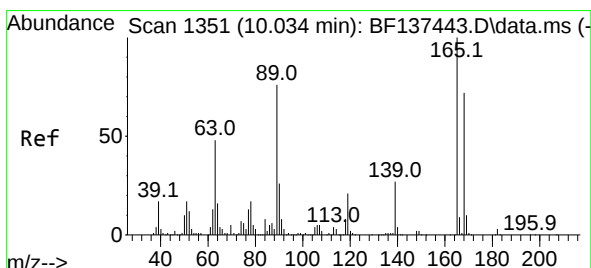
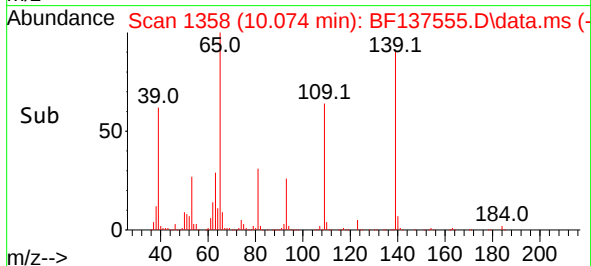
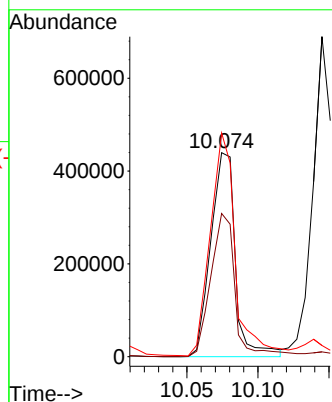
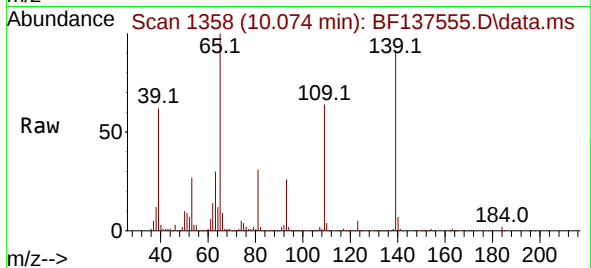
ClientSampleId :

PB159519BS

Tgt Ion:139 Resp: 528720
Ion Ratio Lower Upper
139 100
109 70.2 47.1 87.1
65 109.6 85.1 125.1

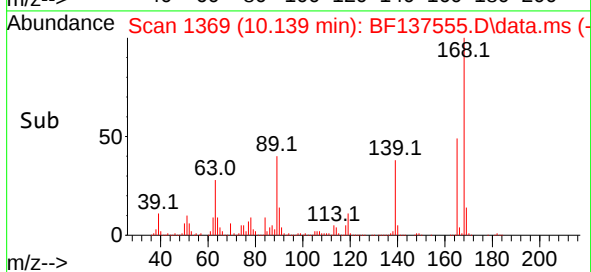
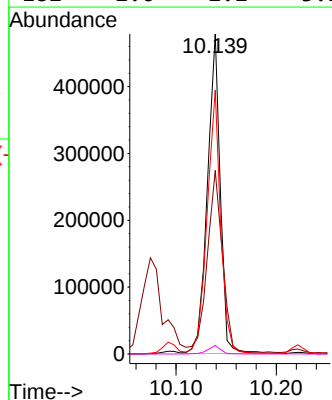
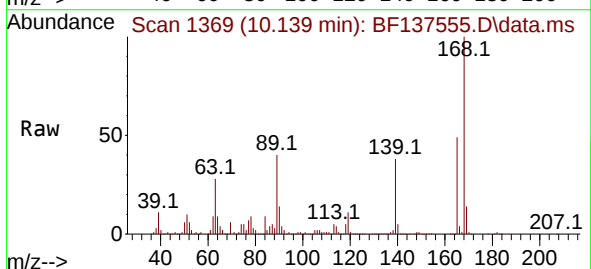
Manual Integrations
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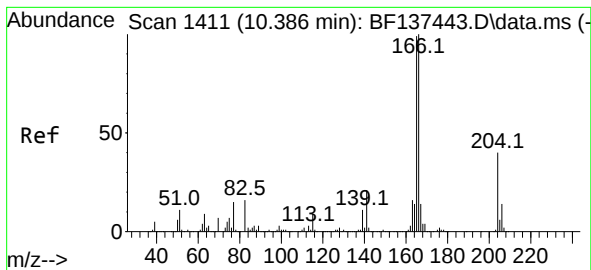
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#57
2,4-Dinitrotoluene
Concen: 45.918 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:165 Resp: 427026
Ion Ratio Lower Upper
165 100
63 57.3 39.0 58.6
89 82.4 60.9 91.3
182 2.6 2.2 3.2





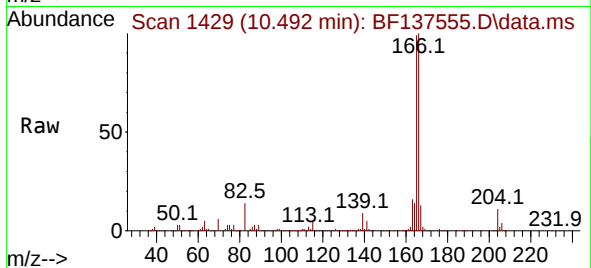
#58
Fluorene
Concen: 40.801 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

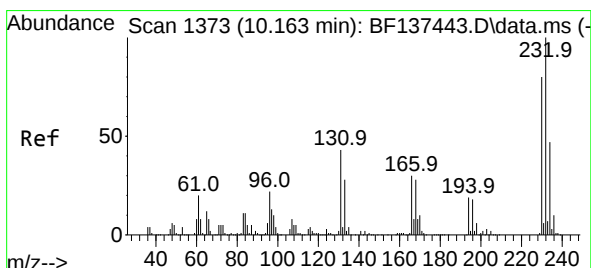
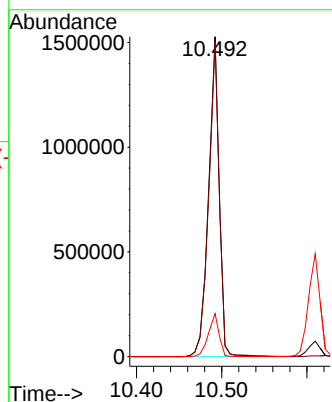
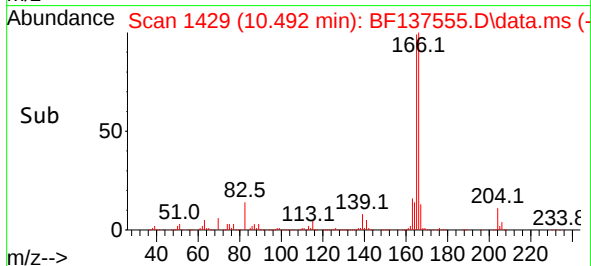


Tgt Ion:166 Resp: 132280
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 13.5 11.0 16.6

Manual Integrations

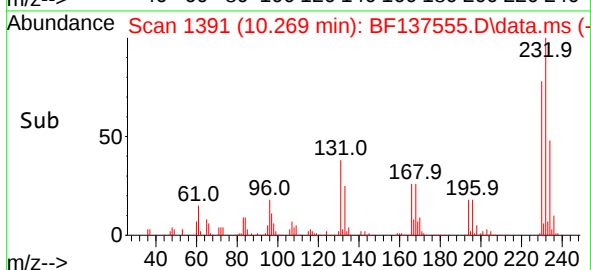
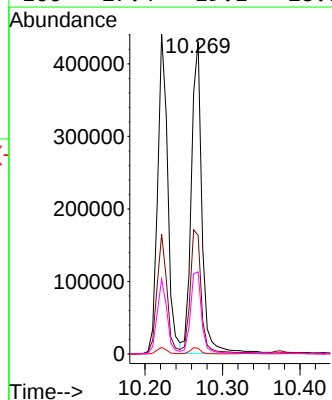
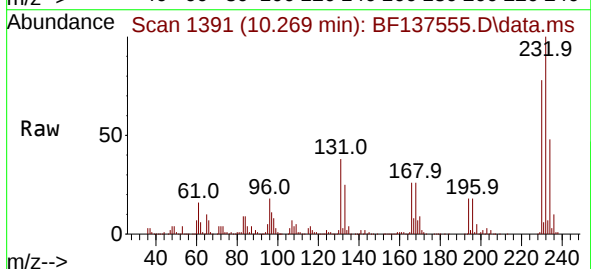
APPROVED

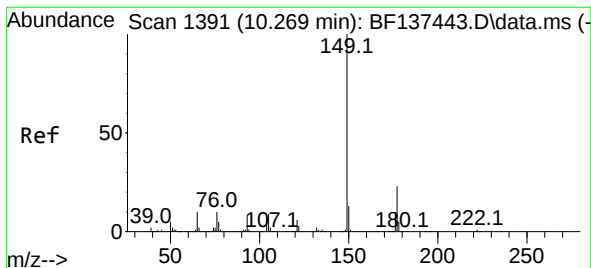
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 46.624 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

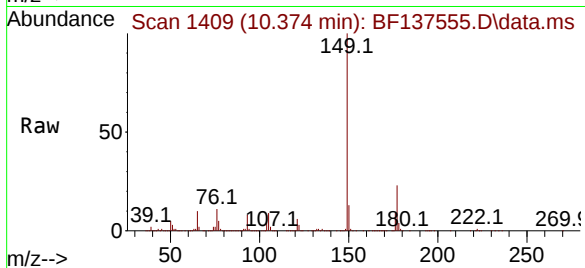
Tgt Ion:232 Resp: 407072
Ion Ratio Lower Upper
232 100
131 42.5 31.2 46.8
130 2.1 1.8 2.6
166 27.4 19.1 28.7





#60
Diethylphthalate
Concen: 43.732 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

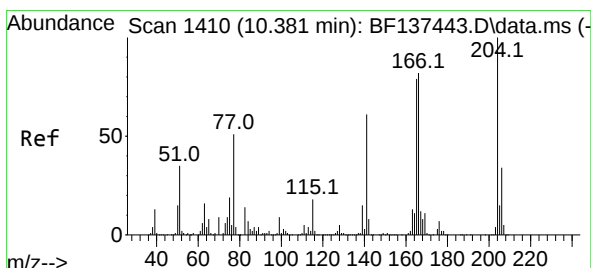
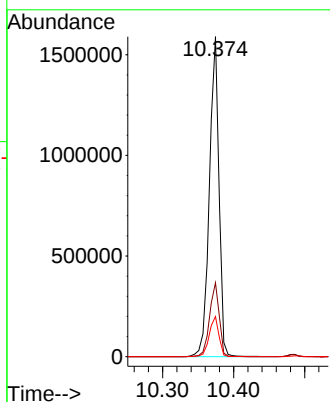
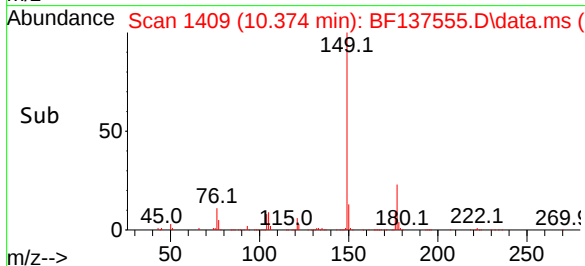
Instrument :
BNA_F
ClientSampleId :
PB159519BS



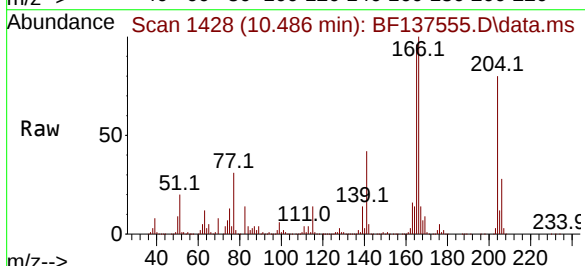
Tgt Ion:149 Resp: 149455
Ion Ratio Lower Upper
149 100
177 23.1 18.7 28.1
150 12.5 10.2 15.4

Manual Integrations
APPROVED

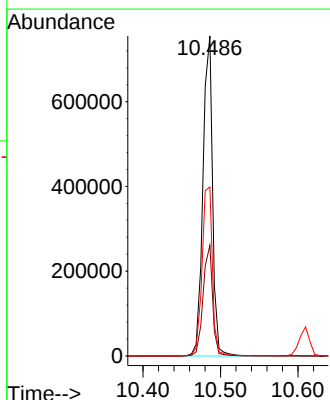
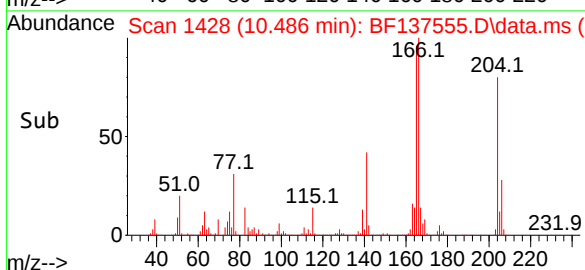
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

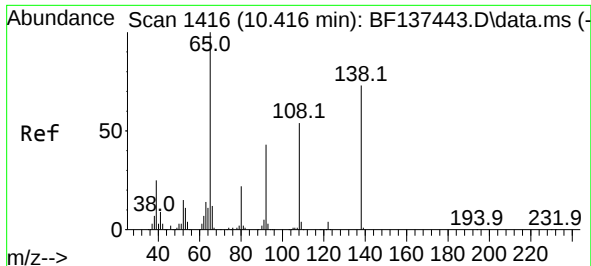


#61
4-Chlorophenyl-phenylether
Concen: 40.996 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



Tgt Ion:204 Resp: 651398
Ion Ratio Lower Upper
204 100
206 34.6 27.4 41.0
141 52.8 48.4 72.6





#62
4-Nitroaniline
Concen: 47.953 ng
RT: 10.527 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

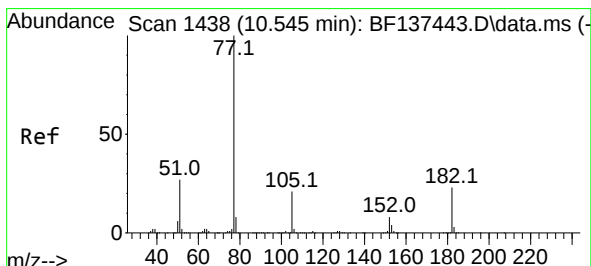
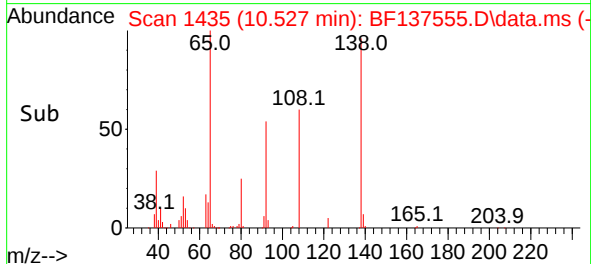
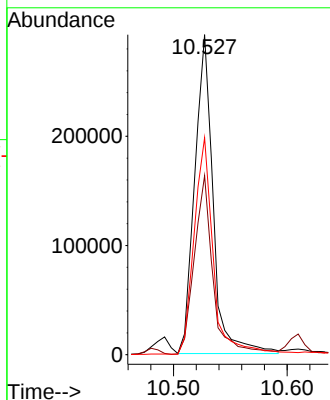
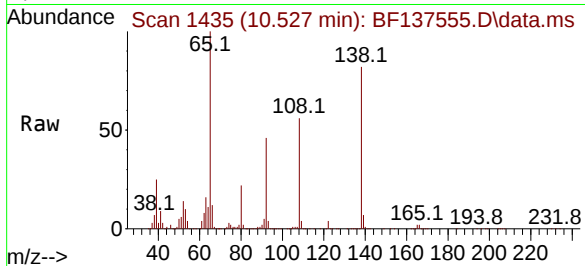
ClientSampleId :

PB159519BS

Tgt Ion:138 Resp: 329980
Ion Ratio Lower Upper
138 100
92 56.0 37.9 77.9
108 67.8 53.2 93.2

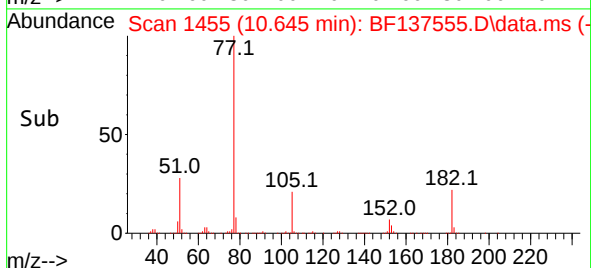
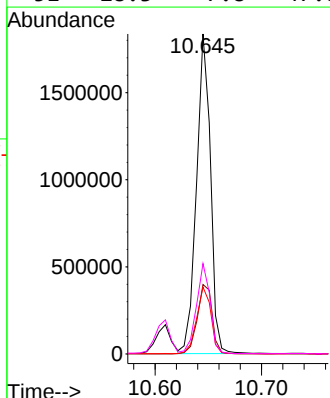
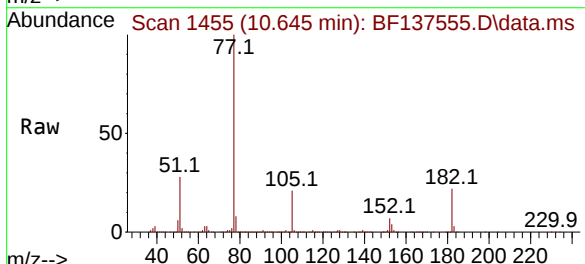
Manual Integrations
APPROVED

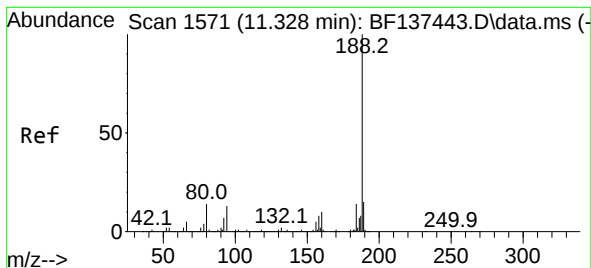
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#63
Azobenzene
Concen: 42.665 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion: 77 Resp: 1678985
Ion Ratio Lower Upper
77 100
182 21.7 3.2 43.2
105 20.9 1.2 41.2
51 28.3 7.8 47.8





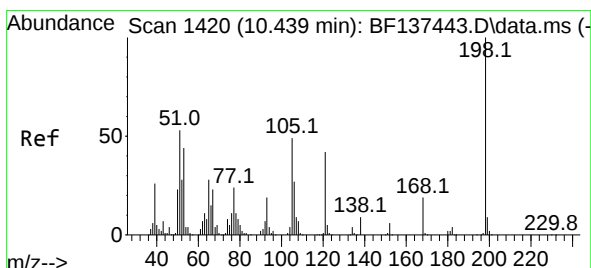
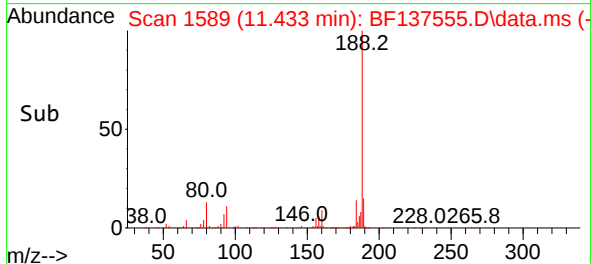
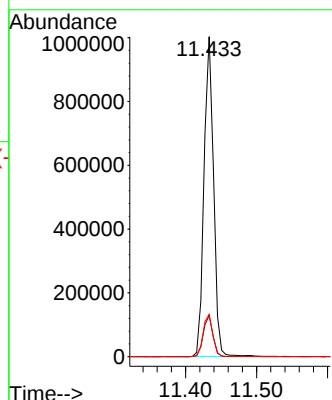
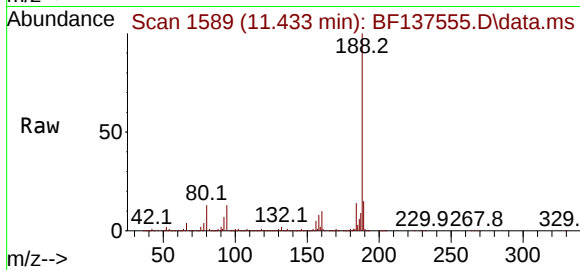
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :
BNA_F
ClientSampleId :
PB159519BS

Tgt Ion:188 Resp: 944705
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.3 11.5 17.3

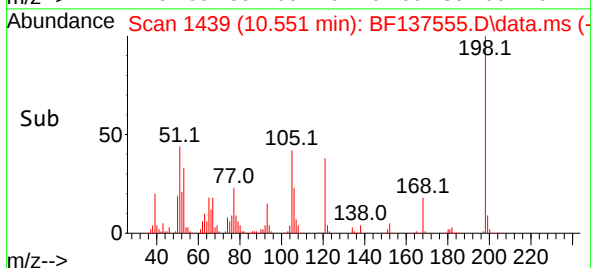
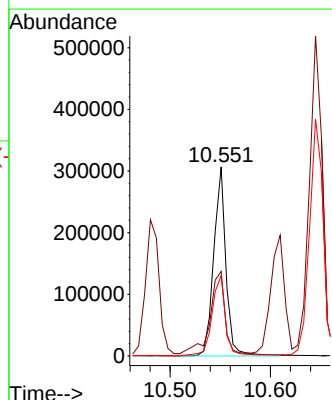
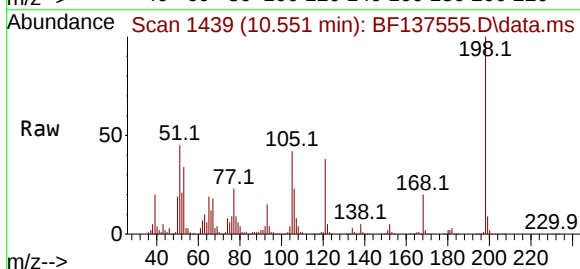
Manual Integrations
APPROVED

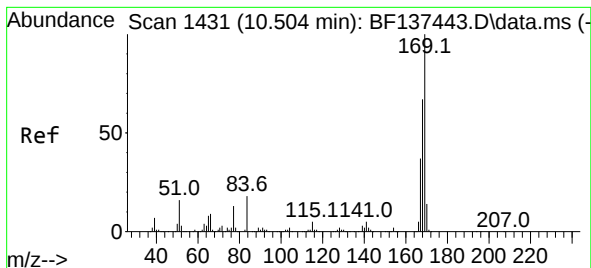
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 49.237 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:198 Resp: 259249
Ion Ratio Lower Upper
198 100
51 44.7 37.2 77.2
105 42.3 29.2 69.2





#66
n-Nitrosodiphenylamine
Concen: 40.879 ng
RT: 10.610 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

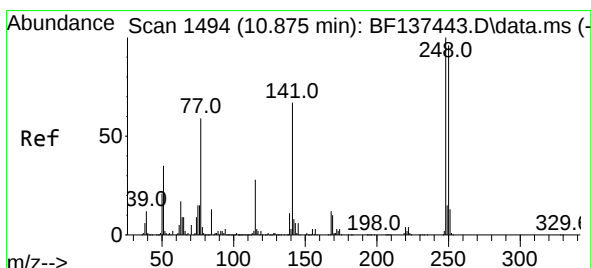
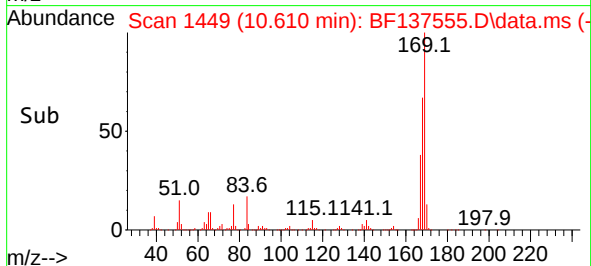
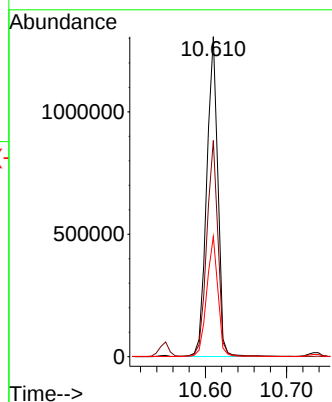
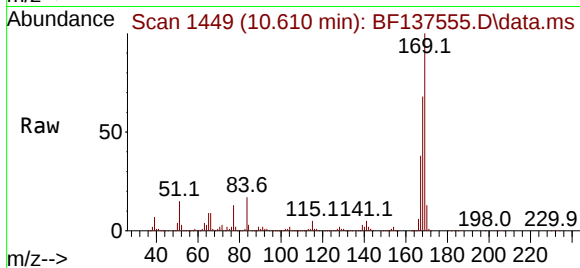
ClientSampleId :

PB159519BS

Tgt Ion:169 Resp: 124357
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.6
167 37.6 29.6 44.4

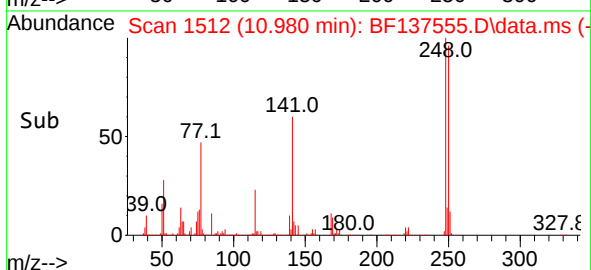
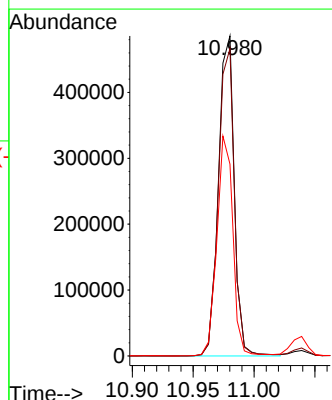
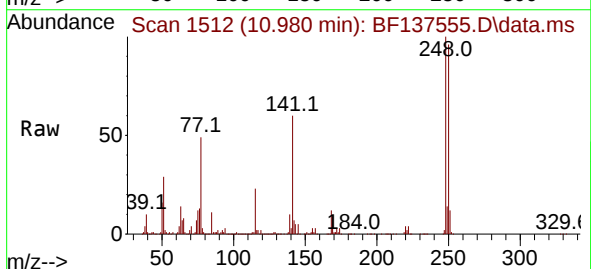
Manual Integrations
APPROVED

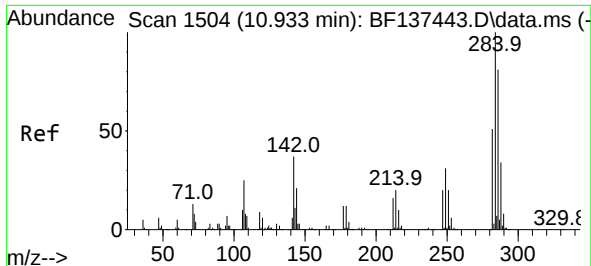
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#67
4-Bromophenyl-phenylether
Concen: 42.912 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

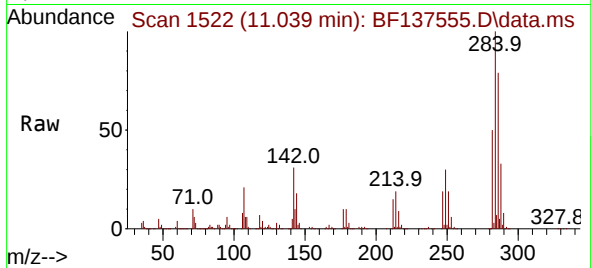
Tgt Ion:248 Resp: 441545
Ion Ratio Lower Upper
248 100
250 96.1 76.8 115.2
141 60.0 53.4 80.0





#68
Hexachlorobenzene
Concen: 46.907 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

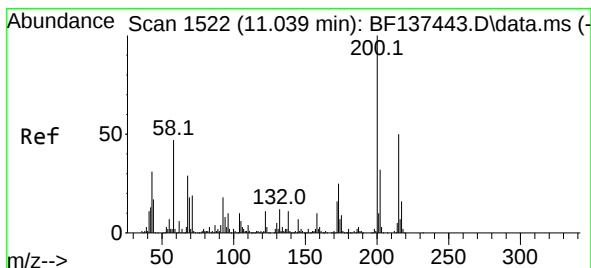
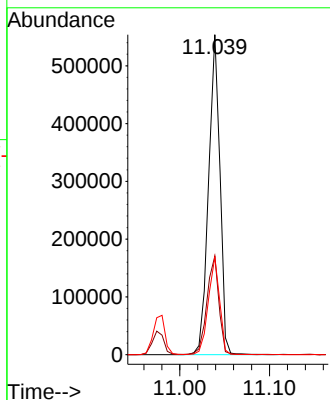
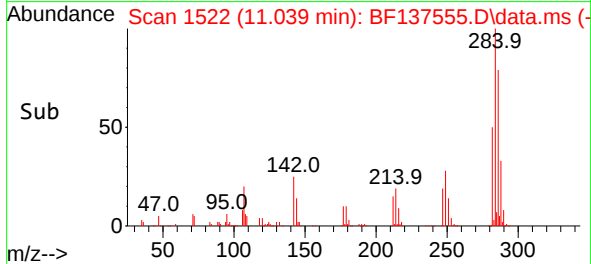
Instrument :
BNA_F
ClientSampleId :
PB159519BS



Tgt Ion:284 Resp: 487480
Ion Ratio Lower Upper
284 100
142 30.8 29.4 44.0
249 30.5 25.0 37.4

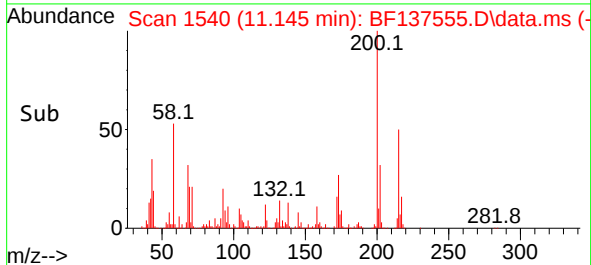
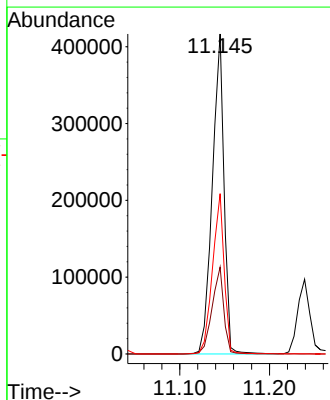
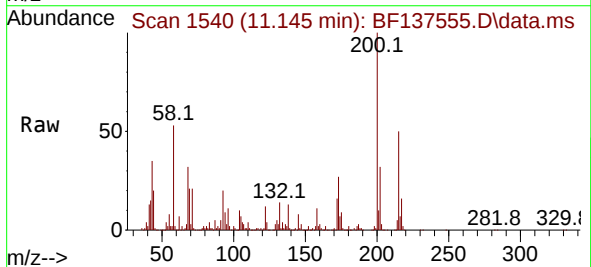
Manual Integrations
APPROVED

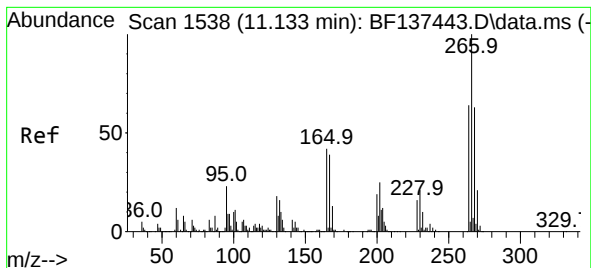
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#69
Atrazine
Concen: 40.795 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:200 Resp: 377263
Ion Ratio Lower Upper
200 100
173 27.2 5.1 45.1
215 50.1 30.4 70.4





#70

Pentachlorophenol

Concen: 84.719 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

Tgt Ion:266 Resp: 53224

Ion Ratio Lower Upper

266 100

268 63.0 50.2 75.2

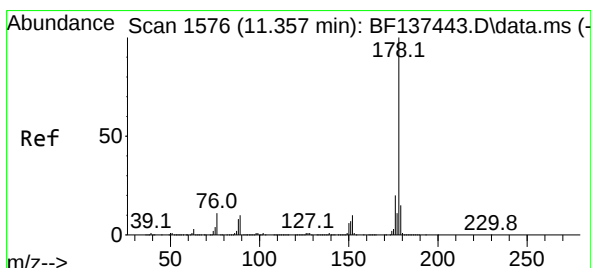
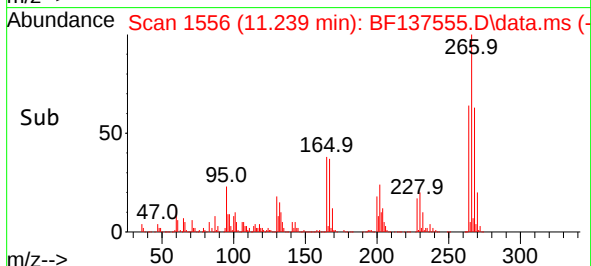
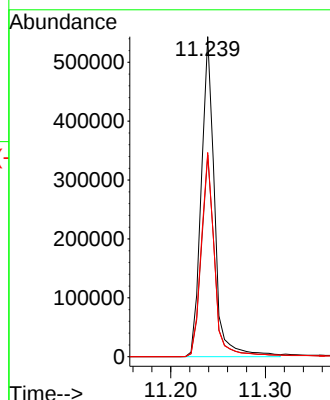
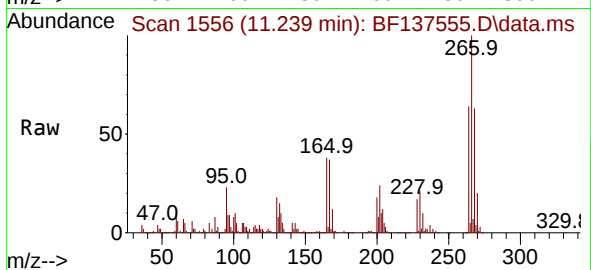
264 63.8 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#71

Phenanthrene

Concen: 40.736 ng

RT: 11.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

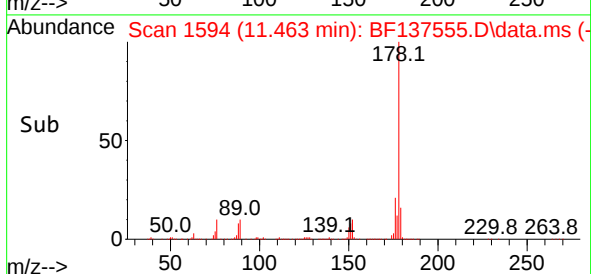
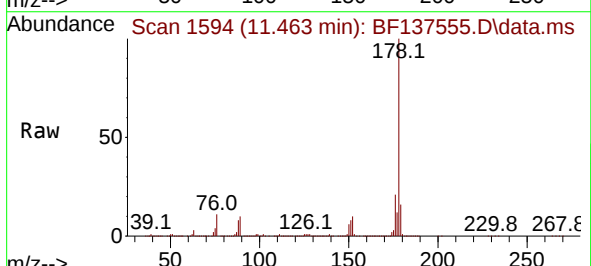
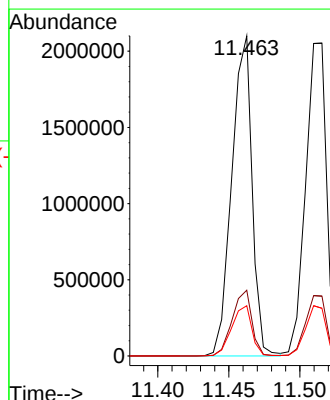
Tgt Ion:178 Resp: 2094372

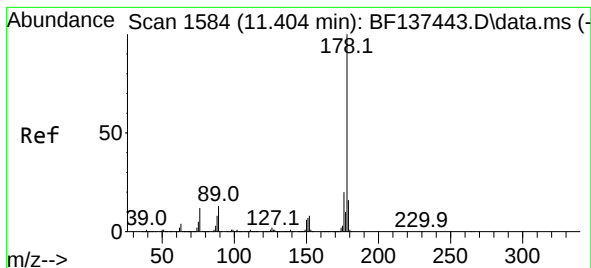
Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

179 15.7 12.2 18.2





#72

Anthracene

Concen: 40.821 ng

RT: 11.516 min Scan# 1603

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

Tgt Ion:178 Resp: 2155520

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

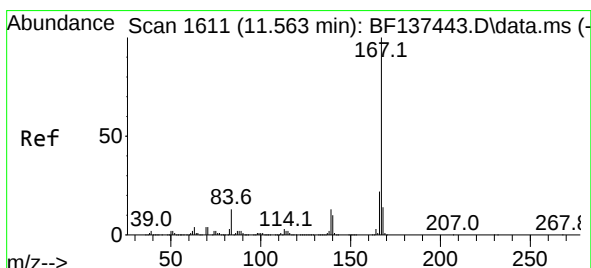
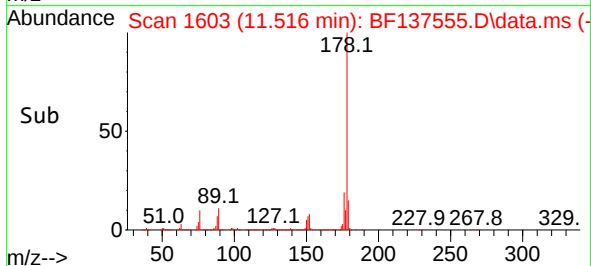
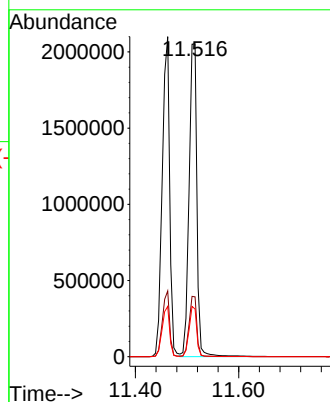
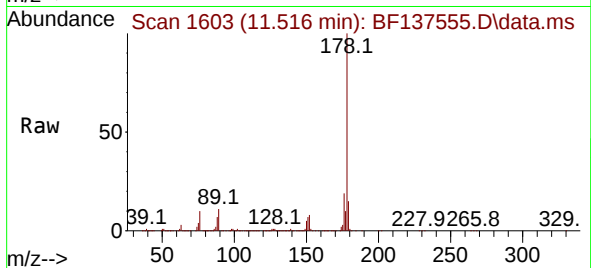
179 15.3 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#73

Carbazole

Concen: 42.522 ng

RT: 11.674 min Scan# 1630

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

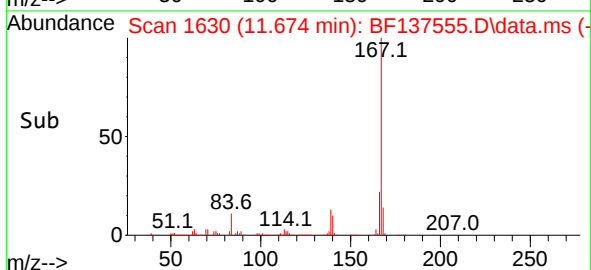
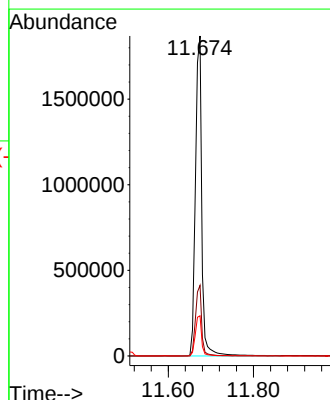
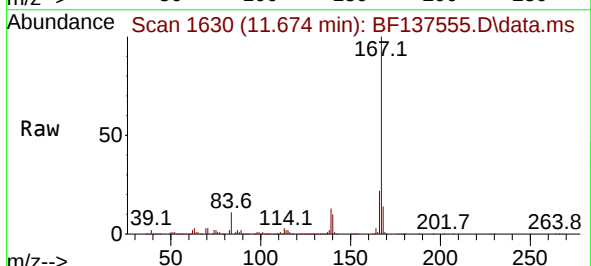
Tgt Ion:167 Resp: 1923255

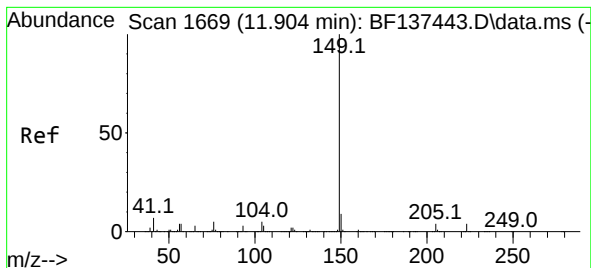
Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

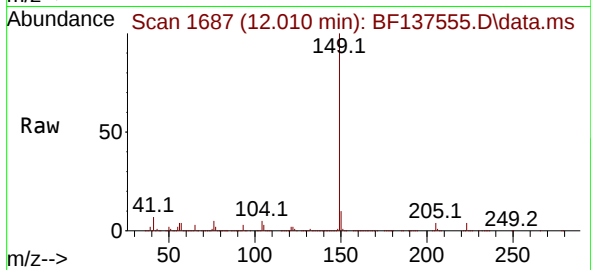
139 12.6 10.5 15.7





#74
Di-n-butylphthalate
Concen: 43.074 ng
RT: 12.010 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

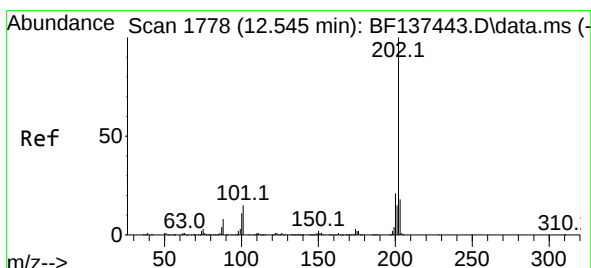
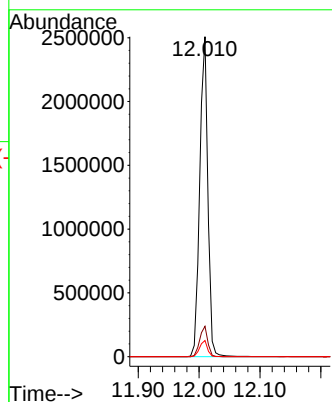
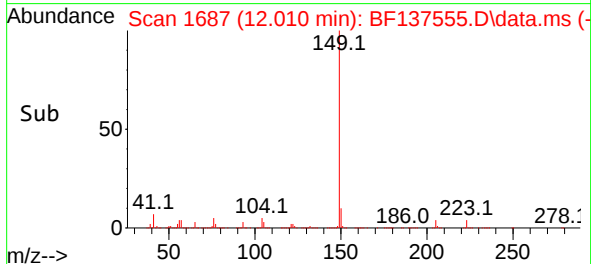
Instrument :
BNA_F
ClientSampleId :
PB159519BS



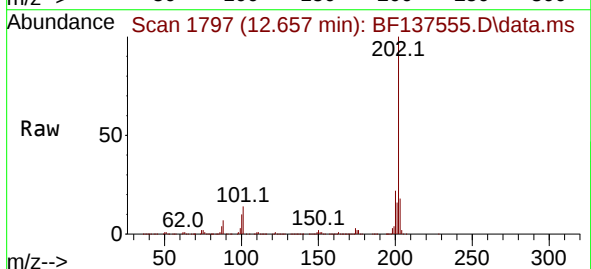
Tgt Ion:149 Resp: 2317968
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.1 3.8 5.6

Manual Integrations
APPROVED

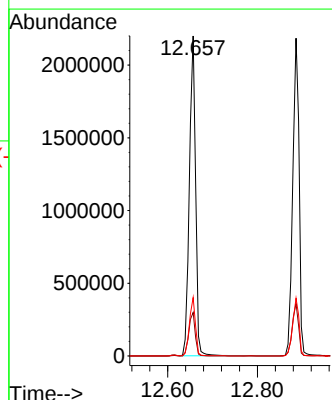
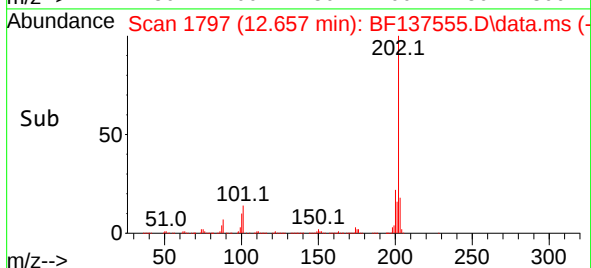
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

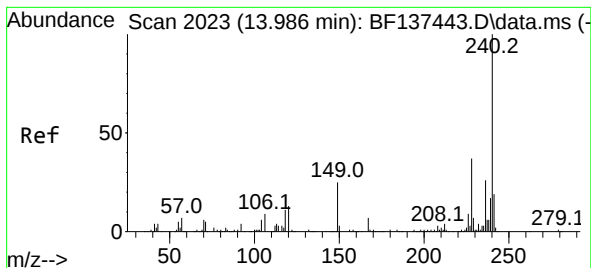


#75
Fluoranthene
Concen: 41.972 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



Tgt Ion:202 Resp: 2109273
Ion Ratio Lower Upper
202 100
101 13.6 0.0 35.0
203 18.3 0.0 37.7





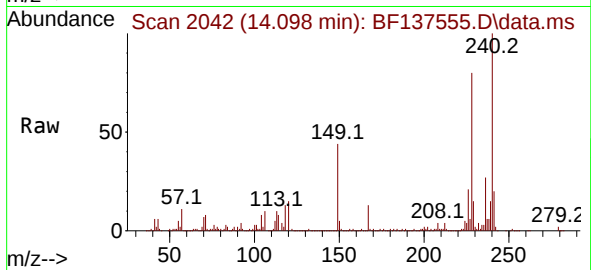
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

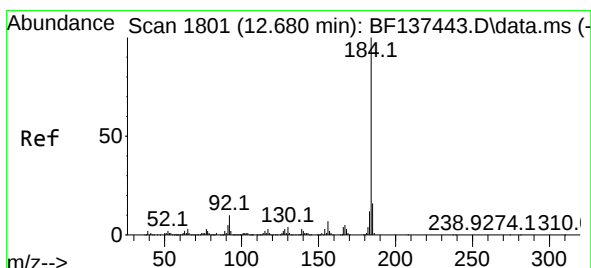
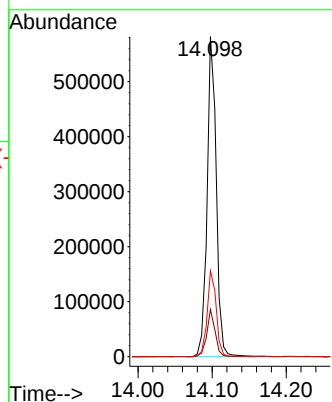
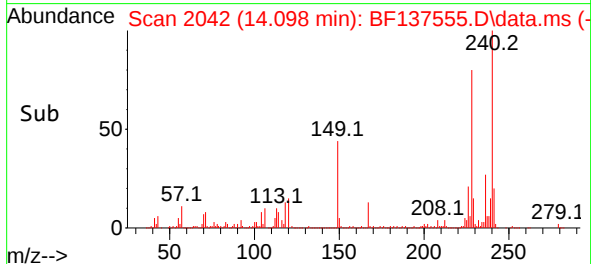


Tgt Ion:240 Resp: 50190
Ion Ratio Lower Upper
240 100
120 14.8 10.4 15.6
236 26.8 20.9 31.3

Manual Integrations

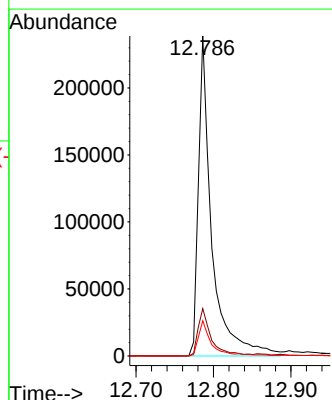
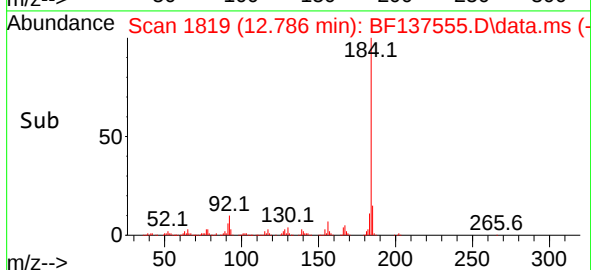
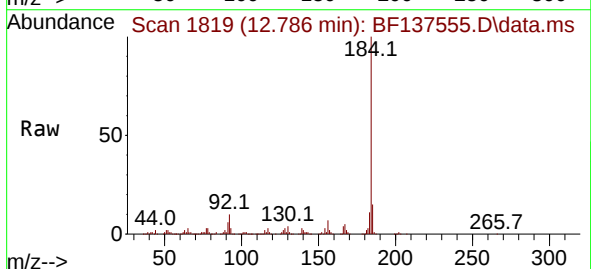
APPROVED

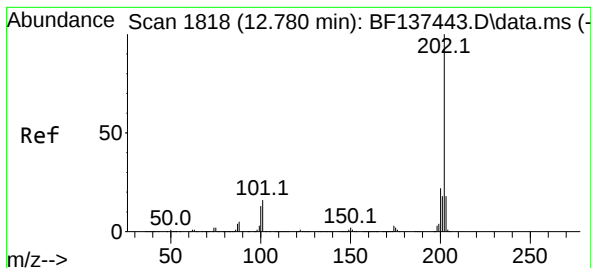
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#77
Benzidine
Concen: 23.254 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:184 Resp: 285620
Ion Ratio Lower Upper
184 100
185 14.8 13.2 19.8
183 11.0 9.3 13.9





#78

Pyrene

Concen: 43.662 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

Tgt Ion:202 Resp: 215026

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

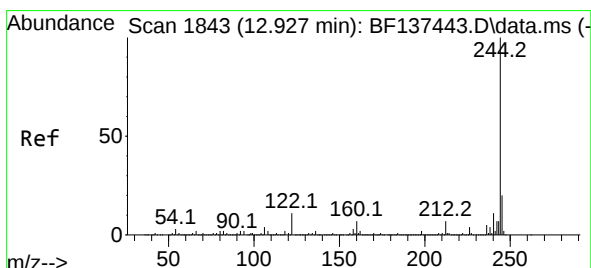
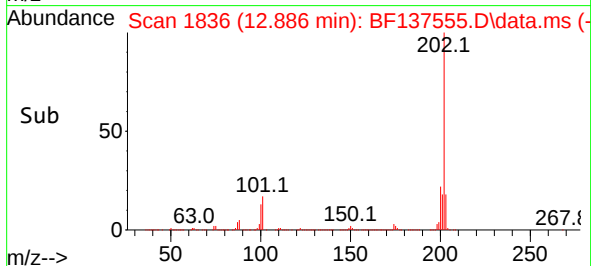
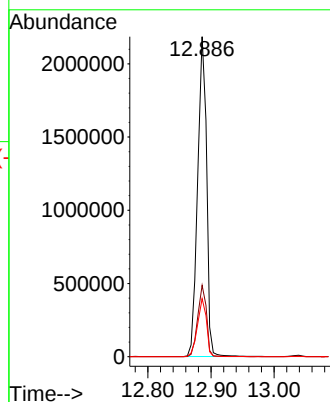
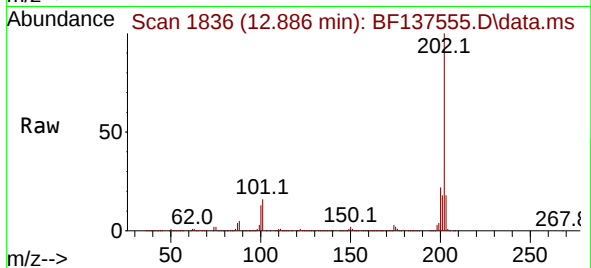
203 18.2 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#79

Terphenyl-d14

Concen: 83.412 ng

RT: 13.039 min Scan# 1862

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

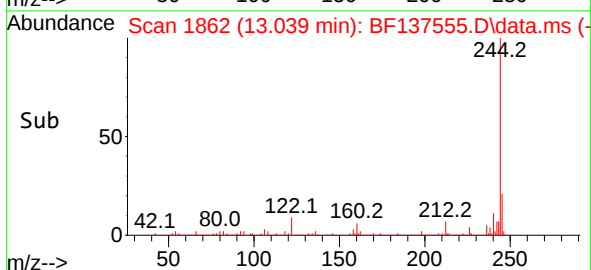
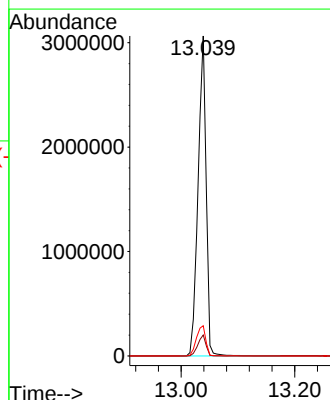
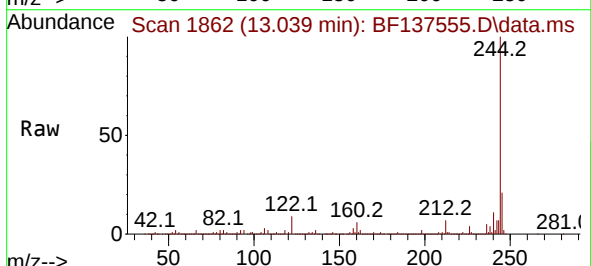
Tgt Ion:244 Resp: 3044484

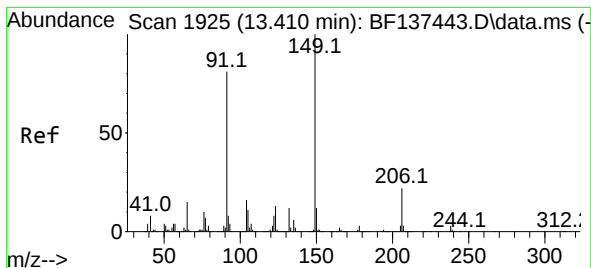
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

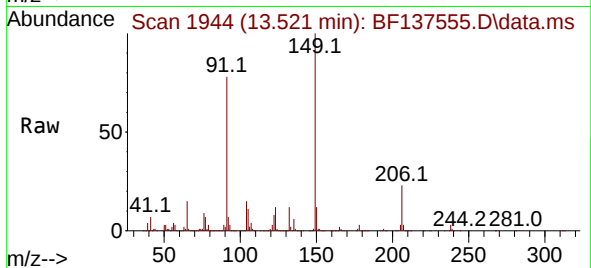
122 9.4 9.1 13.7





#80
Butylbenzylphthalate
Concen: 58.293 ng
RT: 13.521 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

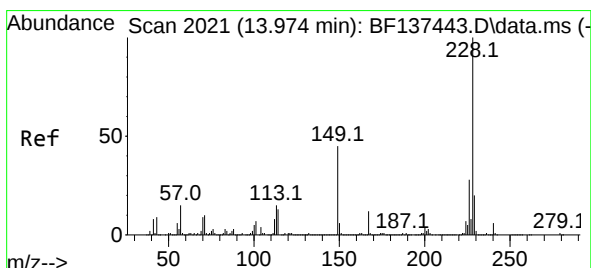
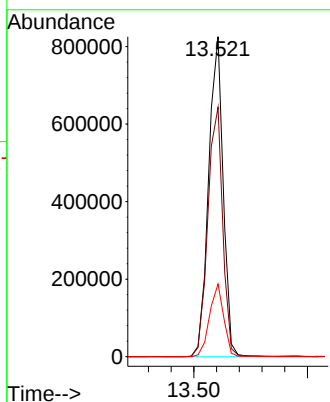
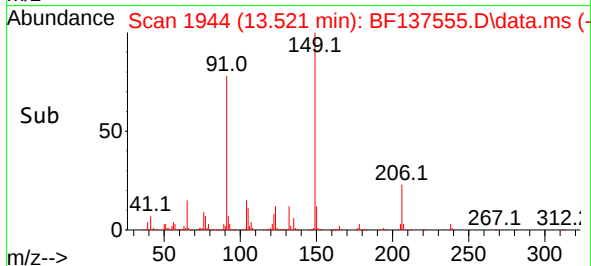
Instrument :
BNA_F
ClientSampleId :
PB159519BS



Tgt Ion:149 Resp: 733160
Ion Ratio Lower Upper
149 100
91 78.0 64.7 97.1
206 22.7 17.5 26.3

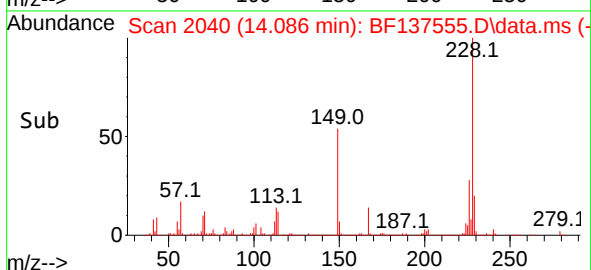
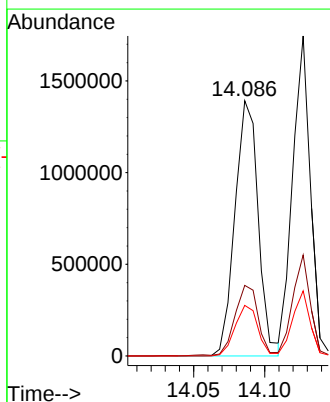
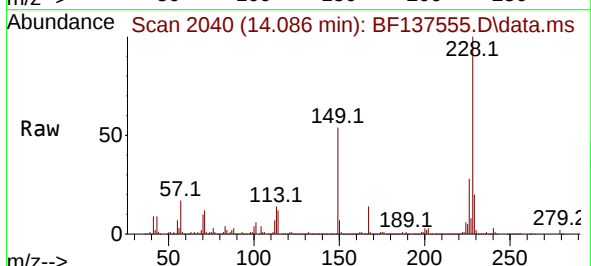
Manual Integrations
APPROVED

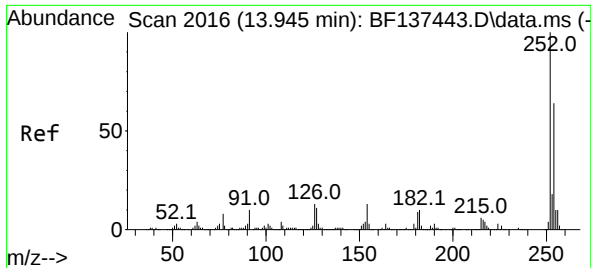
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#81
Benzo(a)anthracene
Concen: 45.107 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:228 Resp: 1586777
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.8 16.3 24.5





#82
 3,3'-Dichlorobenzidine
 Concen: 36.900 ng
 RT: 14.057 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

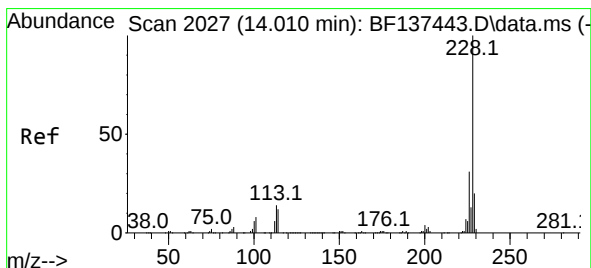
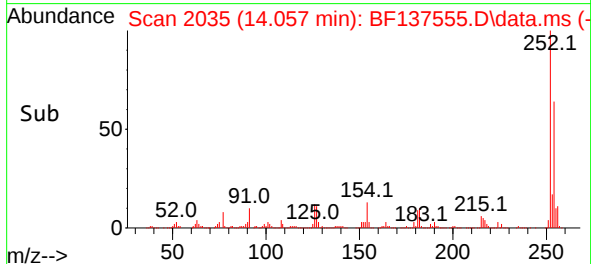
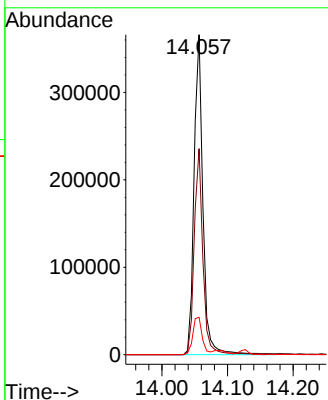
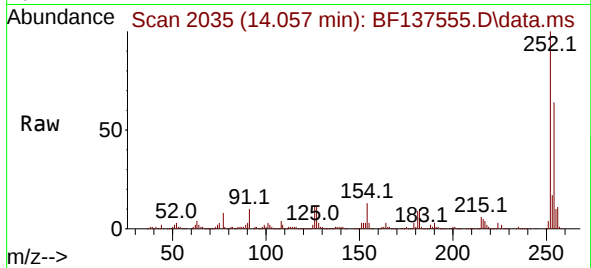
PB159519BS

Tgt Ion:252 Resp: 345670
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.4 77.2
 126 11.7 10.4 15.6

Manual Integrations

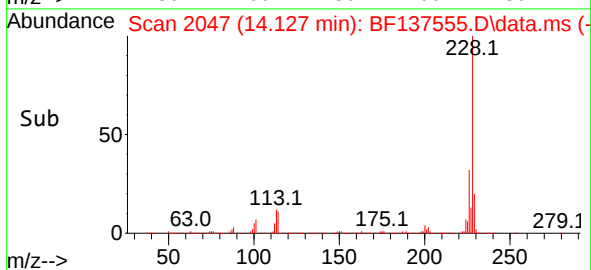
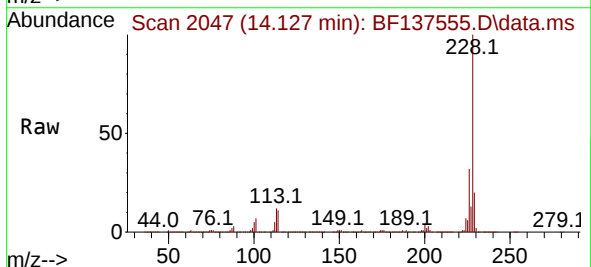
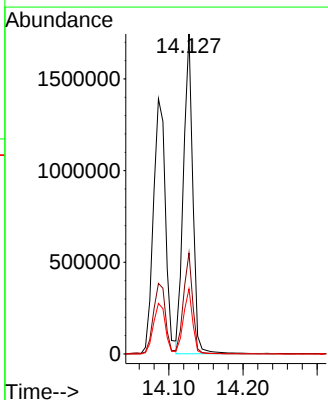
APPROVED

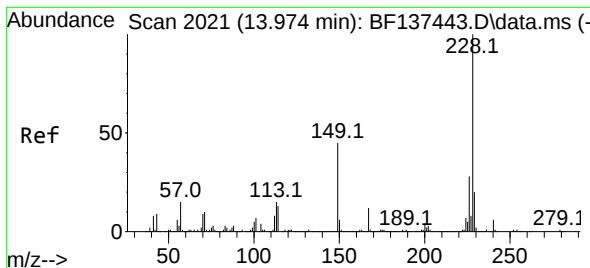
Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024



#83
 Chrysene
 Concen: 43.320 ng
 RT: 14.127 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

Tgt Ion:228 Resp: 1540223
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.7 37.1
 229 20.3 15.9 23.9





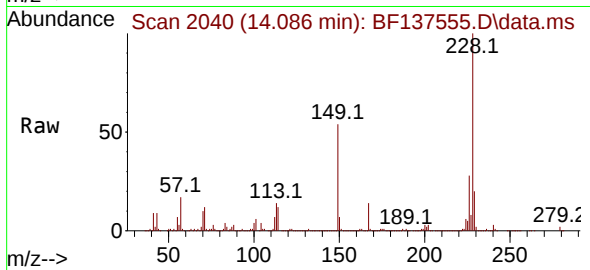
#84
Bis(2-ethylhexyl)phthalate
Concen: 53.715 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

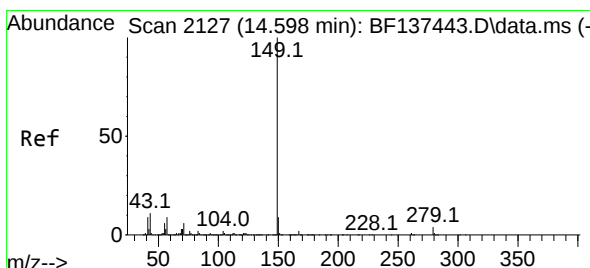
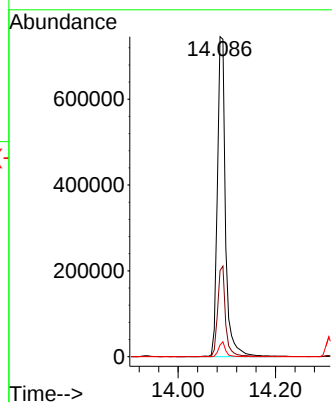
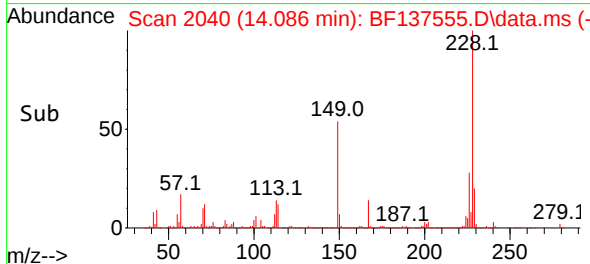
PB159519BS



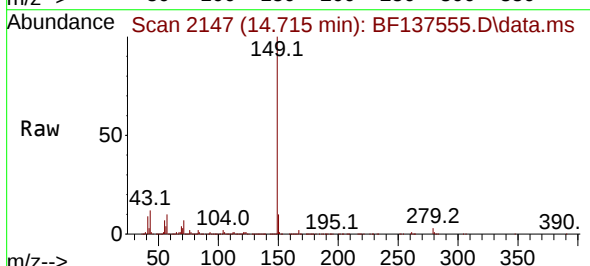
Tgt Ion:149 Resp: 85870
Ion Ratio Lower Upper
149 100
167 26.9 21.3 31.9
279 3.7 2.6 4.0

Manual Integrations
APPROVED

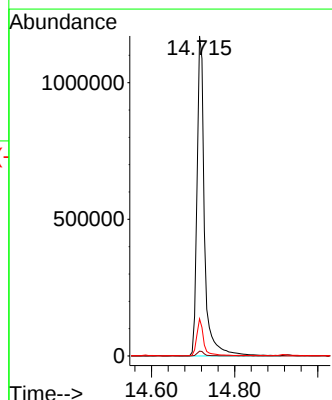
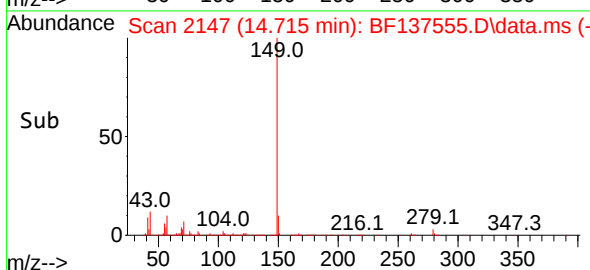
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

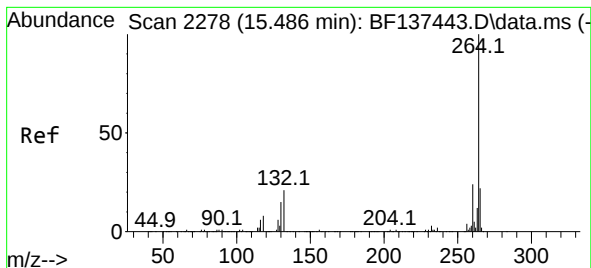


#85
Di-n-octyl phthalate
Concen: 47.639 ng
RT: 14.715 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11



Tgt Ion:149 Resp: 1466282
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

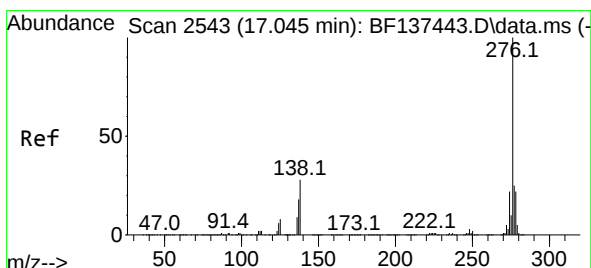
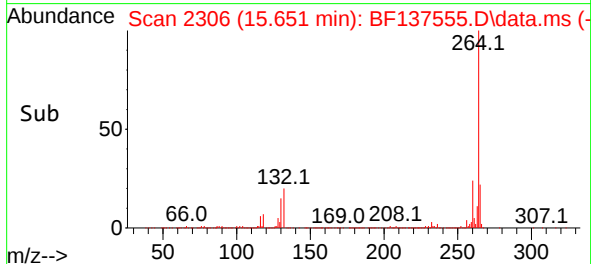
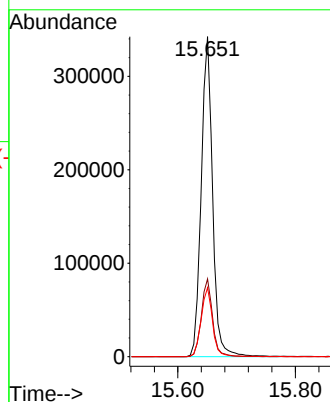
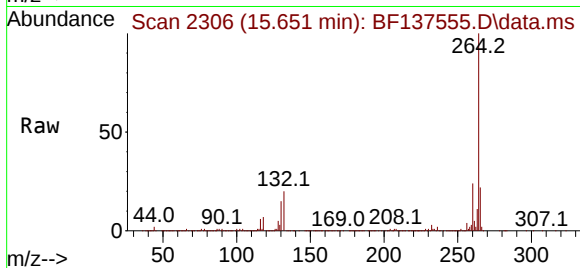
Tgt Ion:	264	Resp:	45808
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.3	28.9
265	21.6	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.472 ng

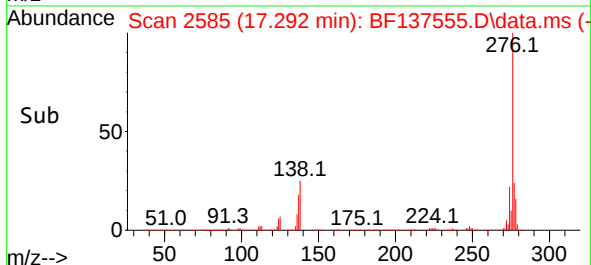
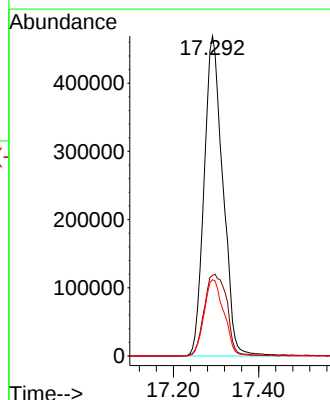
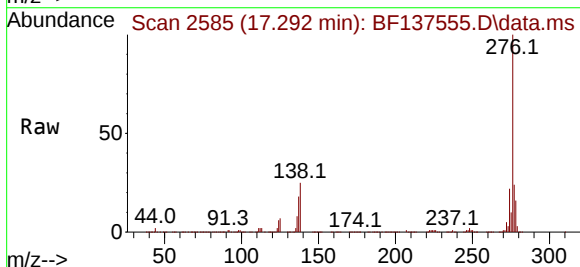
RT: 17.292 min Scan# 2585

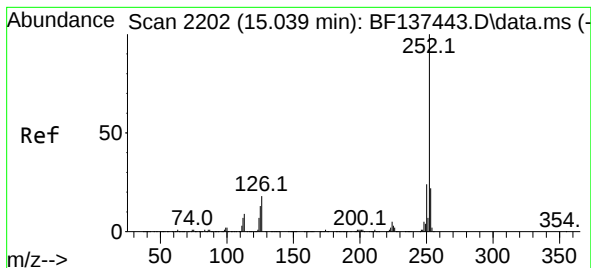
Delta R.T. -0.000 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

Tgt Ion:	276	Resp:	1431063
Ion Ratio	Lower	Upper	
276	100		
138	30.9	25.8	38.8
277	25.3	20.2	30.2





#88

Benzo(b)fluoranthene

Concen: 50.709 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137555.D

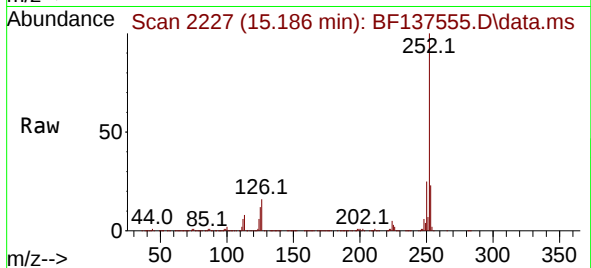
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS



Tgt Ion:252 Resp: 137410

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

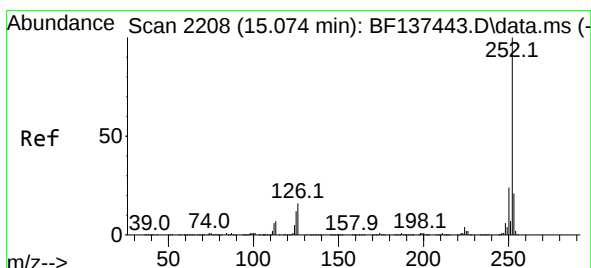
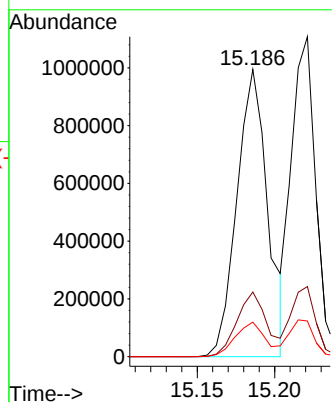
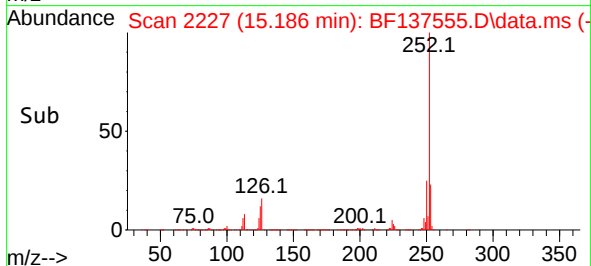
125 12.0 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#89

Benzo(k)fluoranthene

Concen: 42.114 ng

RT: 15.221 min Scan# 2233

Delta R.T. 0.006 min

Lab File: BF137555.D

Acq: 11 Mar 2024 14:11

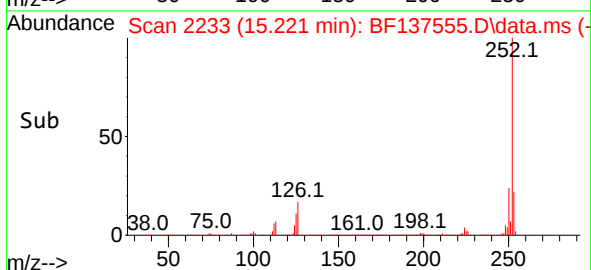
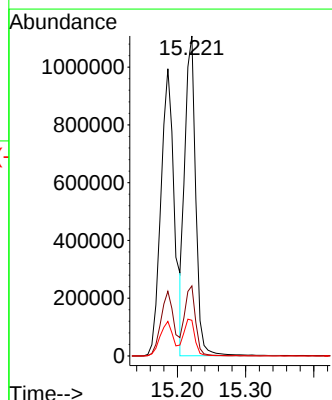
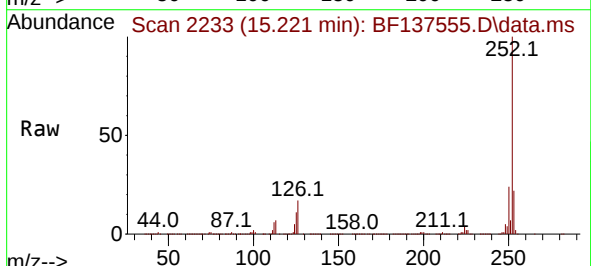
Tgt Ion:252 Resp: 1225757

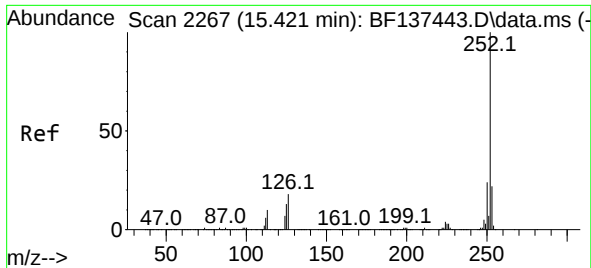
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.2 9.6 14.4





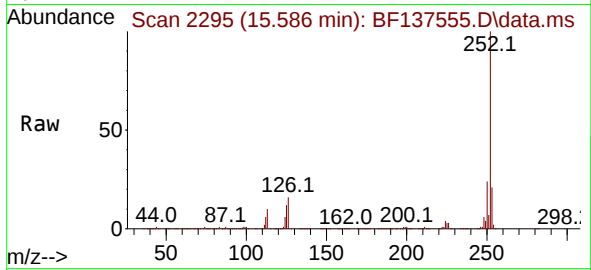
#90
Benzo(a)pyrene
Concen: 44.760 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS

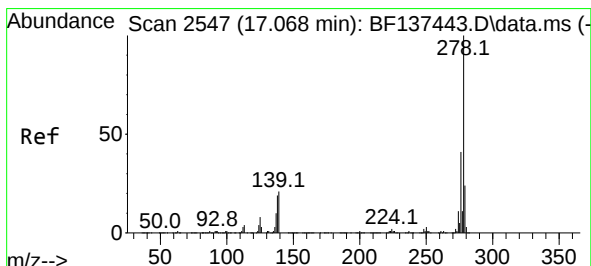
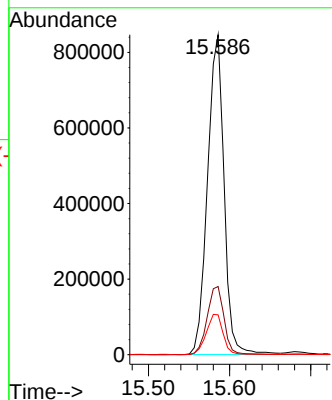
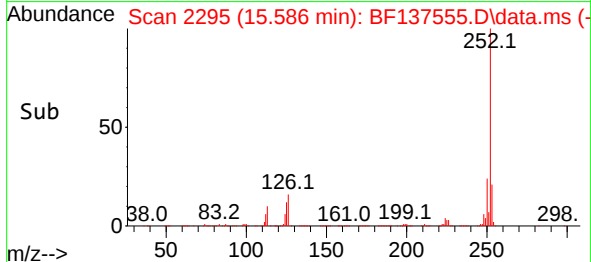


Tgt Ion:252 Resp: 119525
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 12.4 10.4 15.6

Manual Integrations

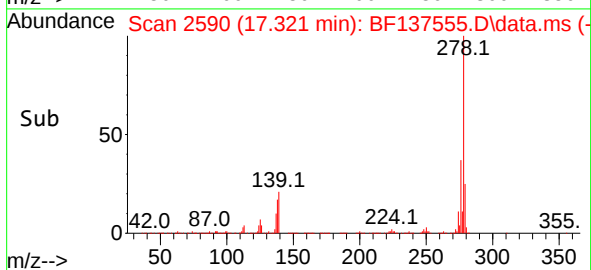
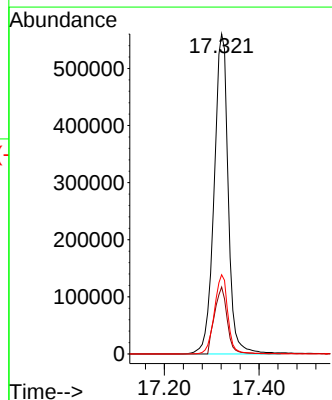
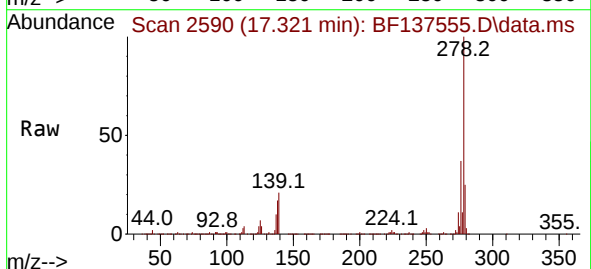
APPROVED

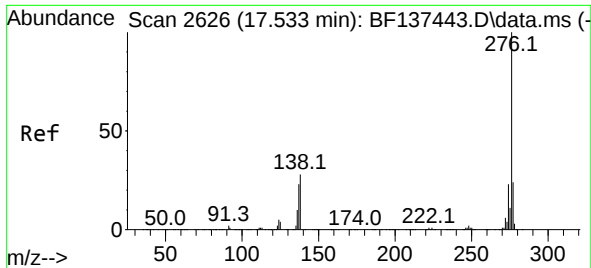
Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024



#91
Dibenzo(a,h)anthracene
Concen: 47.363 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF137555.D
Acq: 11 Mar 2024 14:11

Tgt Ion:278 Resp: 1158223
Ion Ratio Lower Upper
278 100
139 20.9 17.0 25.6
279 24.7 18.8 28.2





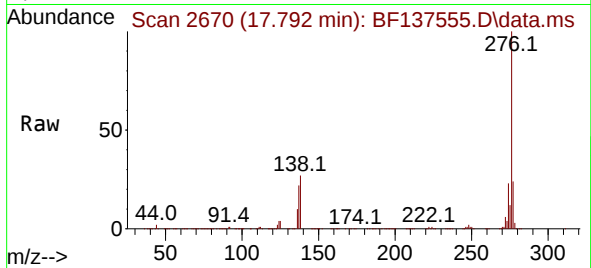
#92
 Benzo(g,h,i)perylene
 Concen: 46.039 ng
 RT: 17.792 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF137555.D
 Acq: 11 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159519BS



Tgt Ion:276 Resp: 1156228
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.0 28.4
 138 26.9 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024

