

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137401.D
 Acq On : 27 Feb 2024 13:17
 Operator : CG\JU
 Sample : PB159259BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159259BS

Quant Time: Feb 27 13:49:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	251989	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	1022416	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	565380	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	1019439	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	553210	20.000	ng	0.00
86) Perylene-d12	15.451	264	478902	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2068164	126.642	ng	0.00
7) Phenol-d6	6.434	99	2863349	119.192	ng	0.00
23) Nitrobenzene-d5	7.357	82	1804060	88.092	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	692486	140.653	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2909632	80.120	ng	0.00
79) Terphenyl-d14	12.916	244	3490668	88.255	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	333967	37.331	ng	98
3) Pyridine	3.404	79	766717	34.161	ng	98
4) n-Nitrosodimethylamine	3.381	42	398529	46.494	ng	98
6) Aniline	6.457	93	675912	23.726	ng	95
8) 2-Chlorophenol	6.575	128	829584	47.362	ng	98
9) Benzaldehyde	6.340	77	154837	13.388	ng	97
10) Phenol	6.445	94	1114856	42.404	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	893433	46.766	ng	96
12) 1,3-Dichlorobenzene	6.728	146	833638	44.319	ng	98
13) 1,4-Dichlorobenzene	6.804	146	861417	44.480	ng	100
14) 1,2-Dichlorobenzene	6.951	146	821441	45.856	ng	99
15) Benzyl Alcohol	6.934	79	746843	52.154	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1439536	45.333	ng	100
17) 2-Methylphenol	7.045	107	698488	42.147	ng	97
18) Hexachloroethane	7.292	117	295151	44.228	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	638783	43.151	ng	99
20) 3+4-Methylphenols	7.198	107	787293	41.679	ng	97
22) Acetophenone	7.198	105	1122564	45.278	ng	99
24) Nitrobenzene	7.369	77	958832	46.077	ng	95
25) Isophorone	7.610	82	1866285	44.067	ng	100
26) 2-Nitrophenol	7.687	139	414096	51.831	ng	99
27) 2,4-Dimethylphenol	7.728	122	618214	39.692	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	1109864	45.466	ng	99
29) 2,4-Dichlorophenol	7.928	162	688671	47.175	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	710760	45.361	ng	99
31) Naphthalene	8.092	128	2332116	42.504	ng	99
32) Benzoic acid	7.875	122	499050	51.731	ng	98
33) 4-Chloroaniline	8.139	127	270793	12.976	ng	97
34) Hexachlorobutadiene	8.204	225	410810	44.133	ng	99
35) Caprolactam	8.522	113	228098m	50.526	ng	
36) 4-Chloro-3-methylphenol	8.628	107	766163	46.294	ng	100
37) 2-Methylnaphthalene	8.781	142	1448004	40.955	ng	97
38) 1-Methylnaphthalene	8.881	142	1395918	41.760	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	692236	44.453	ng	99
41) Hexachlorocyclopentadiene	8.933	237	592142	83.869	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	482732	47.811	ng	99

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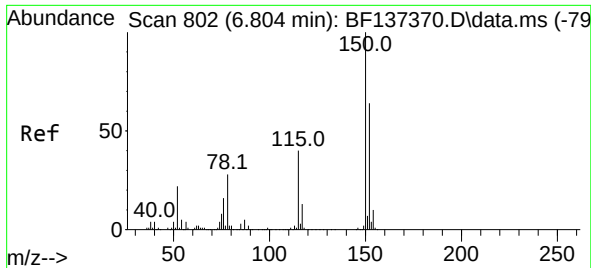
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

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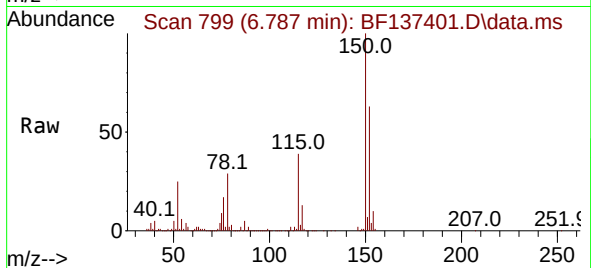
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	506649	43.739	ng	99
46) 1,1'-Biphenyl	9.251	154	1797559	43.653	ng	99
47) 2-Chloronaphthalene	9.275	162	1432488	46.064	ng	98
48) 2-Nitroaniline	9.375	65	480485	50.618	ng	96
49) Acenaphthylene	9.686	152	2267653	44.881	ng	99
50) Dimethylphthalate	9.557	163	1743667	44.632	ng	99
51) 2,6-Dinitrotoluene	9.616	165	372092	51.196	ng	# 83
52) Acenaphthene	9.863	154	1286635	42.660	ng	99
53) 3-Nitroaniline	9.786	138	227420	28.398	ng	98
54) 2,4-Dinitrophenol	9.898	184	401886	108.741	ng	92
55) Dibenzofuran	10.033	168	1929015	41.382	ng	97
56) 4-Nitrophenol	9.963	139	600846	96.536	ng	98
57) 2,4-Dinitrotoluene	10.022	165	477133	51.838	ng	95
58) Fluorene	10.380	166	1486639	41.761	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	439152m	45.782	ng	
60) Diethylphthalate	10.263	149	1667869	45.726	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	724881	41.395	ng	99
62) 4-Nitroaniline	10.410	138	380118m	49.650	ng	
63) Azobenzene	10.533	77	1890485	43.320	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	261940	52.120	ng	92
66) n-Nitrosodiphenylamine	10.498	169	1379745	41.674	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	470909	42.969	ng	95
68) Hexachlorobenzene	10.922	284	502147	44.292	ng	93
69) Atrazine	11.027	200	421662	47.192	ng	97
70) Pentachlorophenol	11.122	266	621446	86.517	ng	99
71) Phenanthrene	11.345	178	2295374	40.811	ng	100
72) Anthracene	11.398	178	2377385	41.016	ng	99
73) Carbazole	11.557	167	2162808	43.673	ng	99
74) Di-n-butylphthalate	11.892	149	2595929	52.387	ng	100
75) Fluoranthene	12.539	202	2382035	43.388	ng	99
77) Benzidine	12.669	184	265405	30.972	ng	99
78) Pyrene	12.769	202	2434187	46.534	ng	100
80) Butylbenzylphthalate	13.398	149	608588	68.245	ng	94
81) Benzo(a)anthracene	13.963	228	1767953	46.055	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	350346	40.066	ng	99
83) Chrysene	13.998	228	1753654	44.719	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	796486	69.975	ng	98
85) Di-n-octyl phthalate	14.580	149	1411412	66.981	ng	# 89
87) Indeno(1,2,3-cd)pyrene	16.962	276	1603325	48.337	ng	99
88) Benzo(b)fluoranthene	15.021	252	1357747	46.216	ng	99
89) Benzo(k)fluoranthene	15.051	252	1340688	43.541	ng	99
90) Benzo(a)pyrene	15.392	252	1238993	44.462	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	1290039	47.498	ng	99
92) Benzo(g,h,i)perylene	17.415	276	1277580	45.591	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.017 min
 Lab File: BF137401.D
 Acq: 27 Feb 2024 13:17

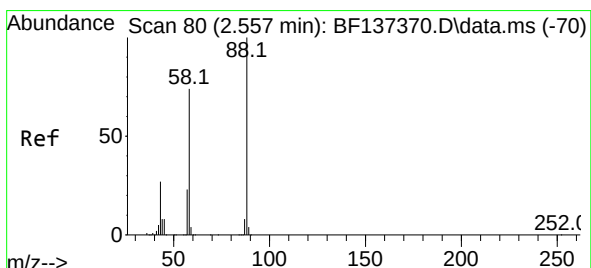
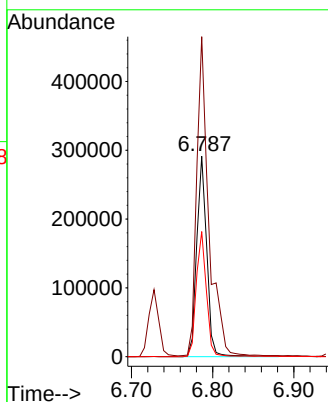
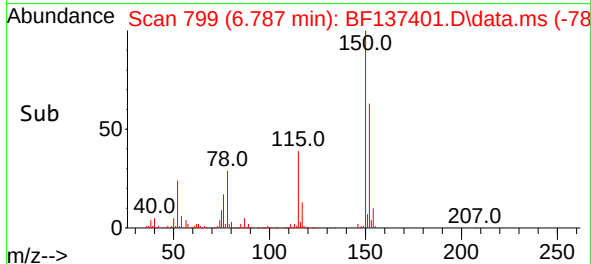
Instrument :
 BNA_F
 ClientSampleId :
 PB159259BS



Tgt Ion:152 Resp: 251989
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.7 188.5
 115 62.4 49.8 74.8

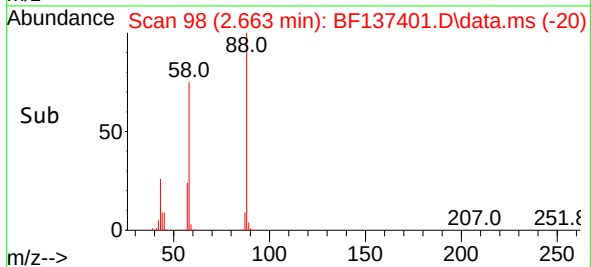
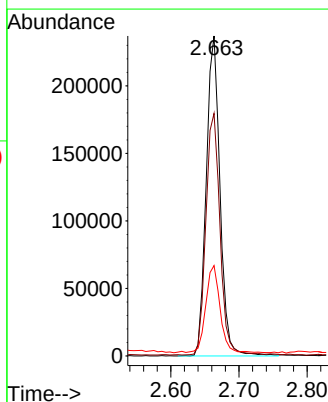
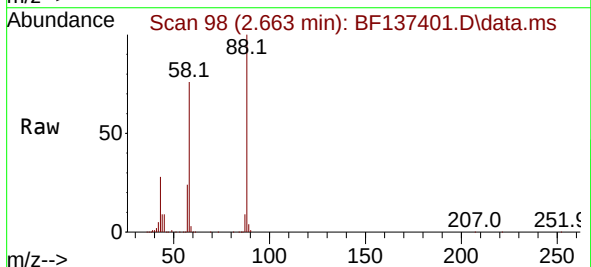
Manual Integrations
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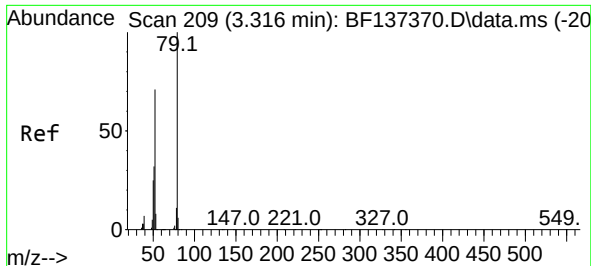
Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024



#2
 1,4-Dioxane
 Concen: 37.331 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.106 min
 Lab File: BF137401.D
 Acq: 27 Feb 2024 13:17

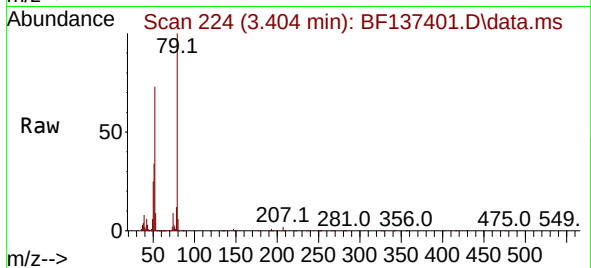
Tgt Ion: 88 Resp: 333967
 Ion Ratio Lower Upper
 88 100
 58 77.3 60.6 91.0
 43 27.9 22.0 33.0





#3
Pyridine
Concen: 34.161 ng
RT: 3.404 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

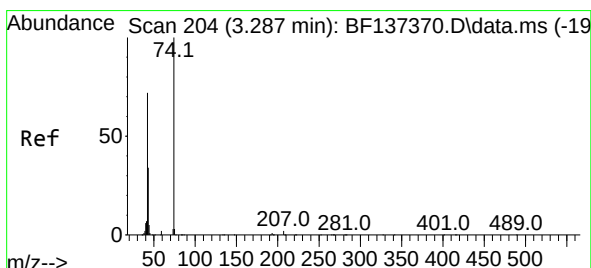
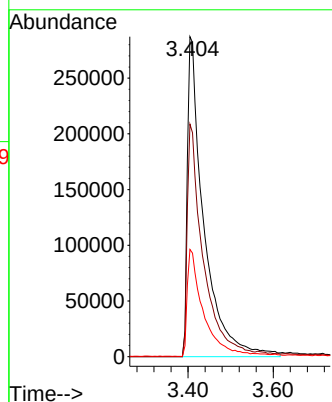
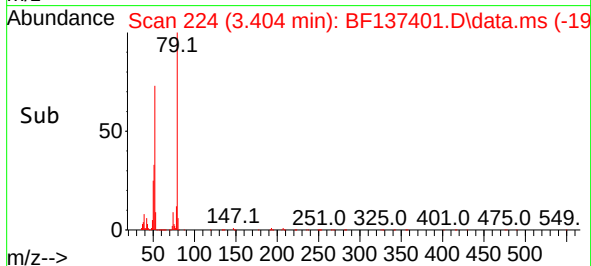
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion: 79 Resp: 76671
Ion Ratio Lower Upper
79 100
52 72.6 56.5 84.7
51 33.5 26.2 39.2

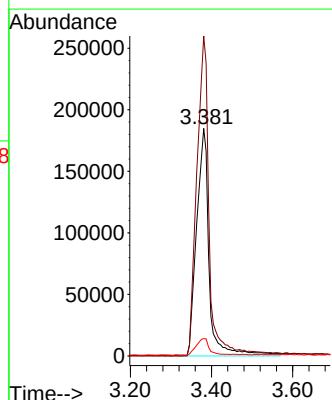
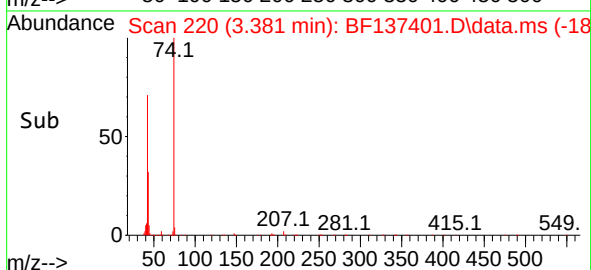
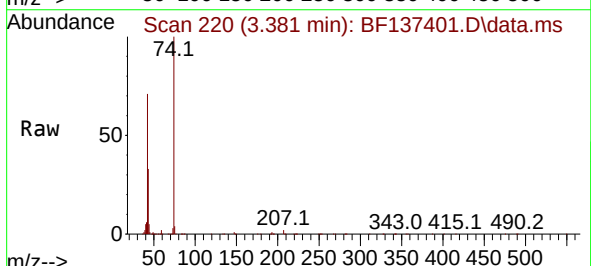
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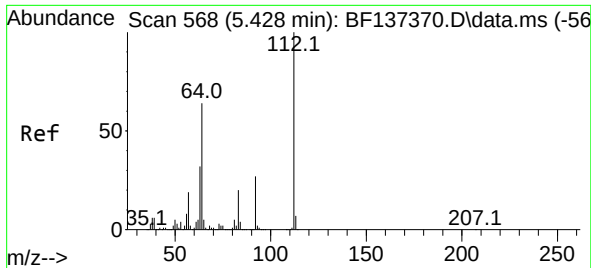
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#4
n-Nitrosodimethylamine
Concen: 46.494 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.094 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion: 42 Resp: 398529
Ion Ratio Lower Upper
42 100
74 140.7 110.8 166.2
44 7.6 6.0 9.0





#5
2-Fluorophenol
Concen: 126.642 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

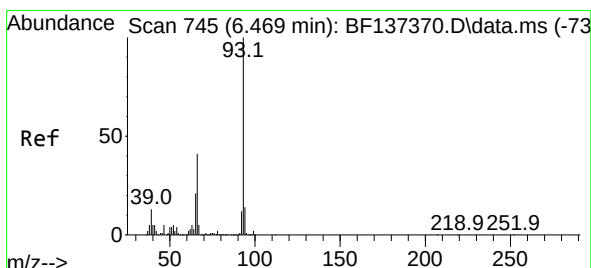
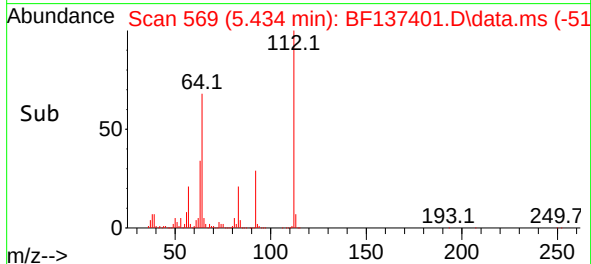
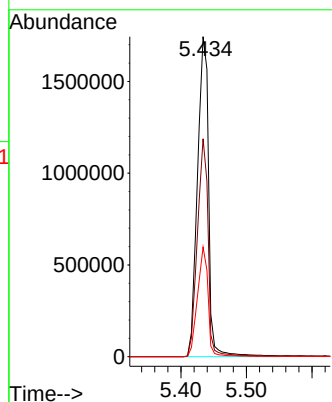
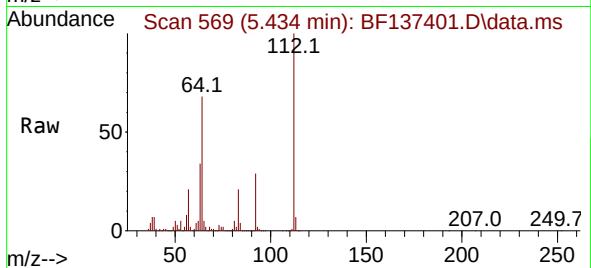
PB159259BS

Tgt Ion:112 Resp: 206816
Ion Ratio Lower Upper
112 100
64 68.1 51.0 76.6
63 34.3 25.7 38.5

Manual Integrations

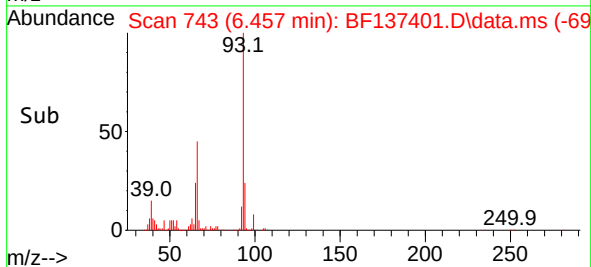
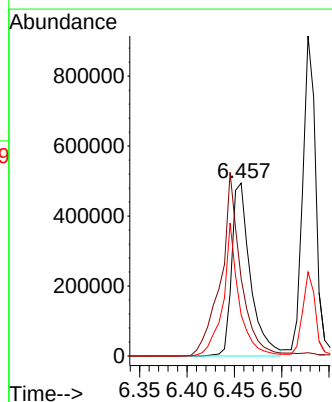
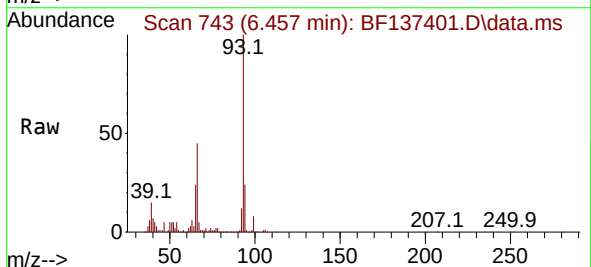
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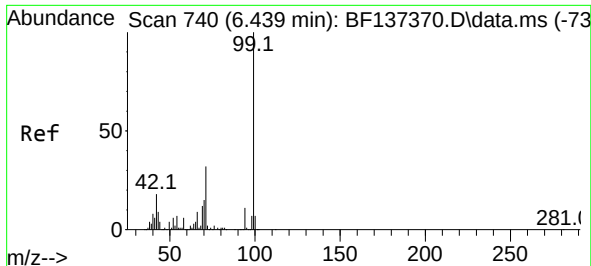
Reviewed By :Jagrut Upadhyay 02/28/2024
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#6
Aniline
Concen: 23.726 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

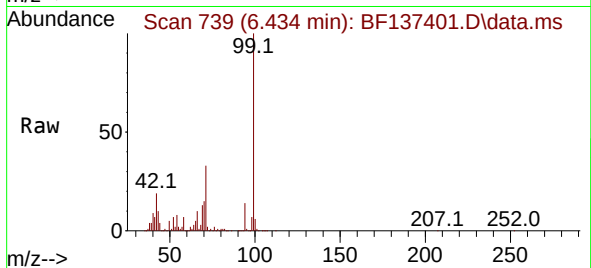
Tgt Ion: 93 Resp: 675912
Ion Ratio Lower Upper
93 100
66 44.7 33.0 49.4
65 23.7 17.0 25.6





#7
Phenol-d6
Concen: 119.192 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

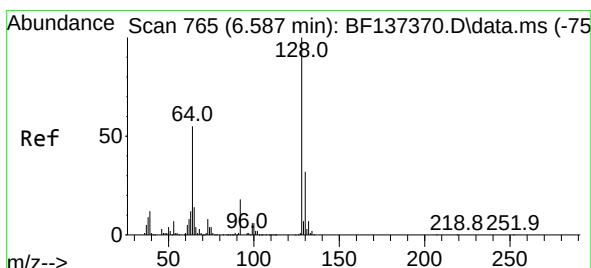
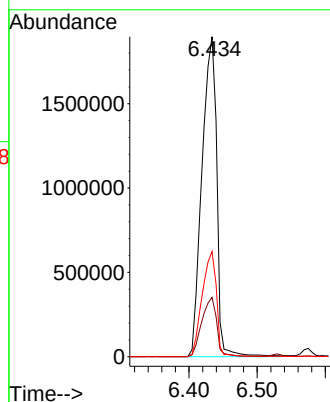
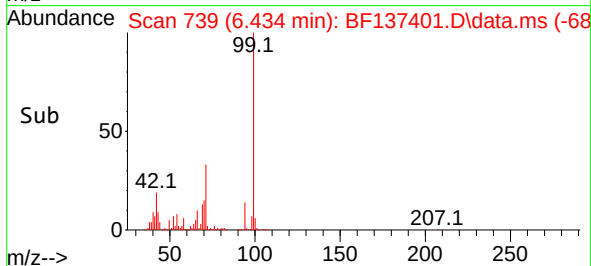
Instrument :
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Tgt Ion: 99 Resp: 2863349
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 32.8 25.2 37.8

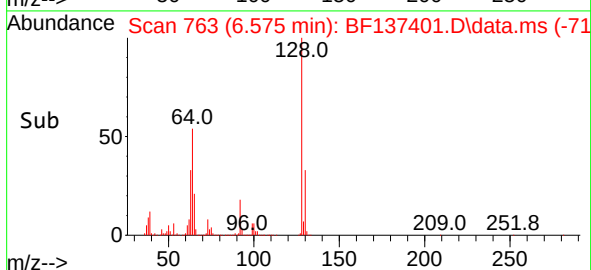
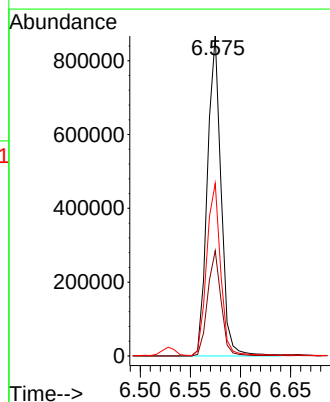
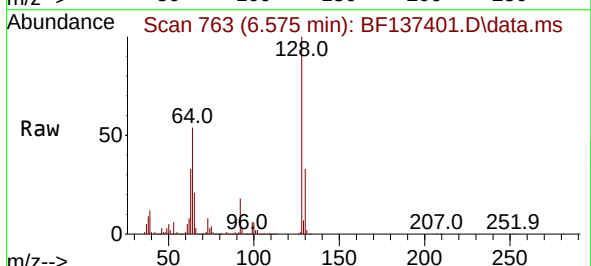
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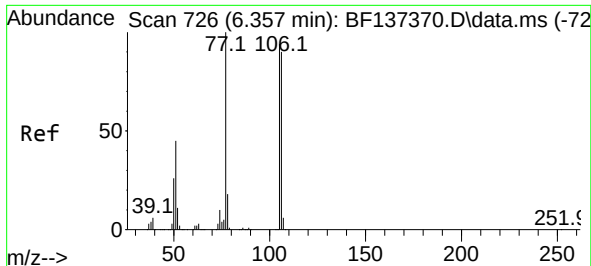
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#8
2-Chlorophenol
Concen: 47.362 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

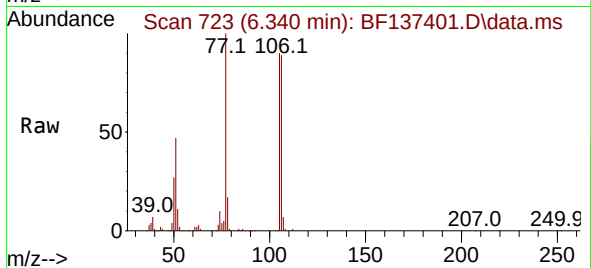
Tgt Ion:128 Resp: 829584
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 53.9 35.3 75.3





#9
Benzaldehyde
Concen: 13.388 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

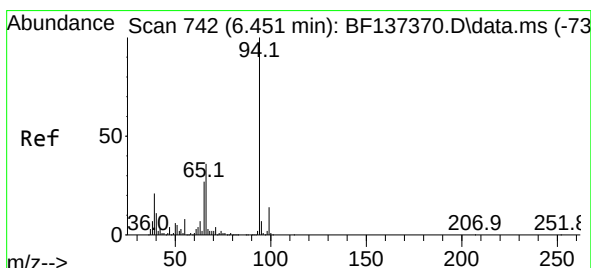
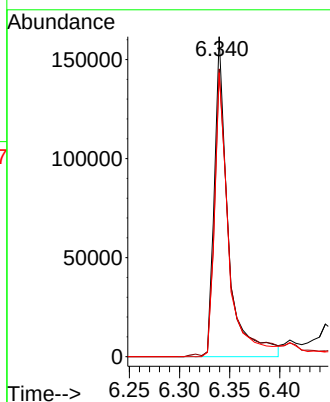
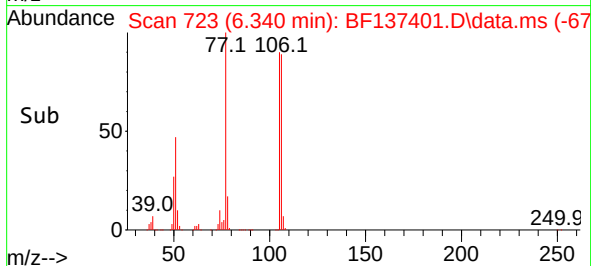
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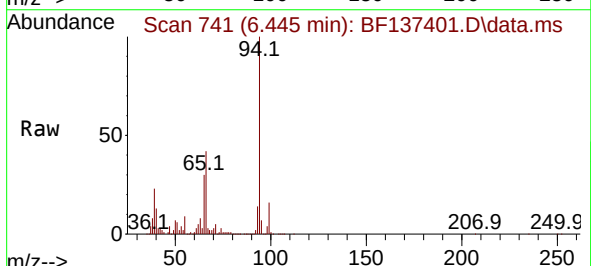
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Ion Ratio Lower Upper
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105 89.9 74.1 114.1
106 88.7 70.2 110.2

Manual Integrations
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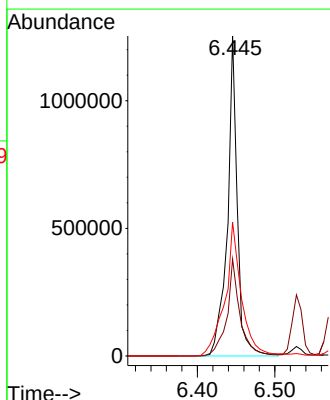
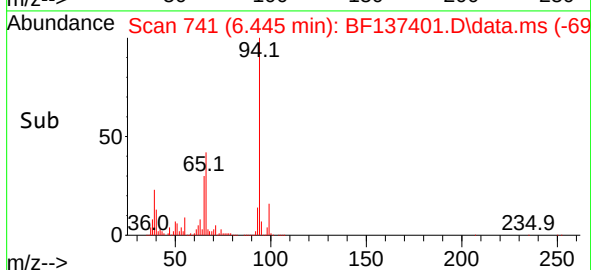
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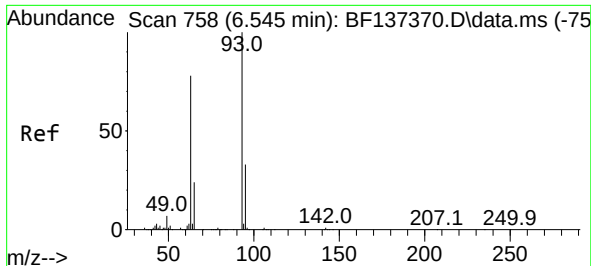


#10
Phenol
Concen: 42.404 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17



Tgt Ion: 94 Resp: 1114856
Ion Ratio Lower Upper
94 100
65 30.3 7.4 47.4
66 41.9 15.6 55.6





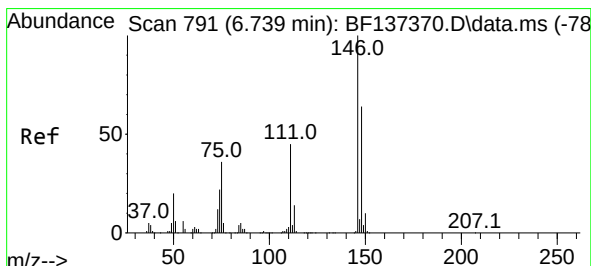
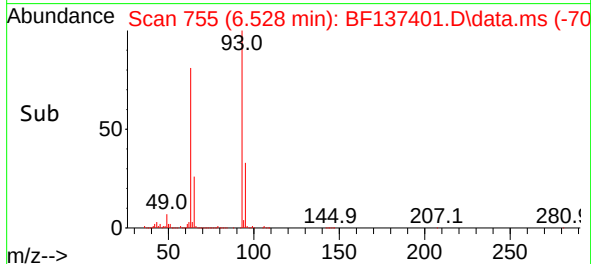
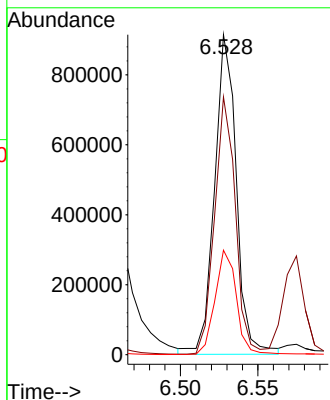
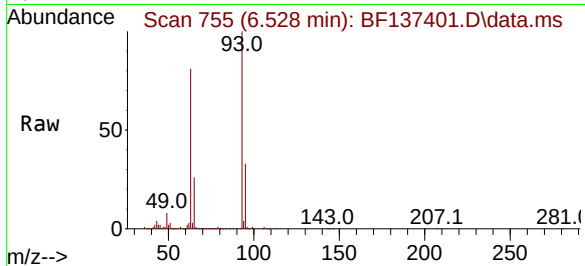
#11
bis(2-Chloroethyl)ether
Concen: 46.766 ng
RT: 6.528 min Scan# 758
Delta R.T. -0.018 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159259BS

Tgt Ion: 93 Resp: 893438
Ion Ratio Lower Upper
93 100
63 80.6 56.1 96.1
95 32.7 12.7 52.7

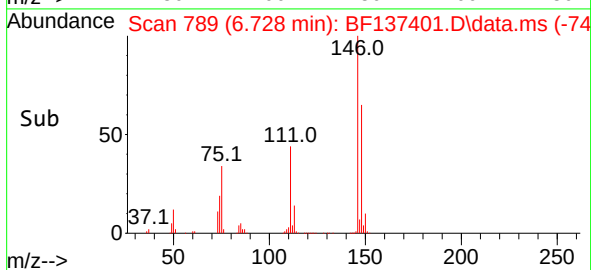
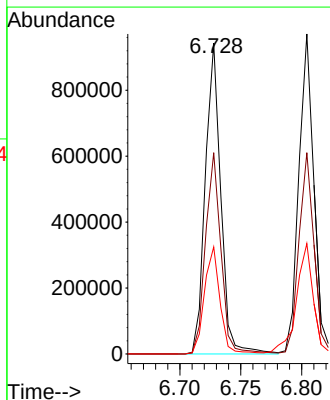
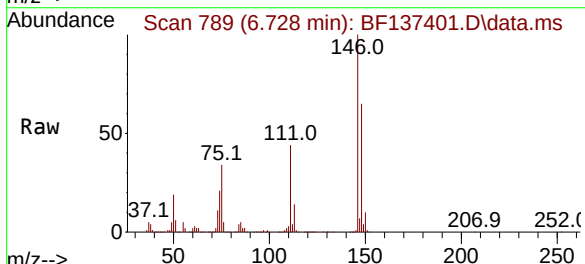
Manual Integrations
APPROVED

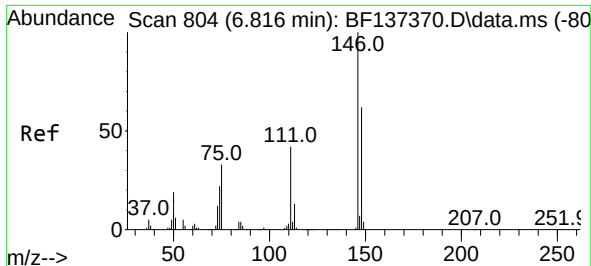
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#12
1,3-Dichlorobenzene
Concen: 44.319 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:146 Resp: 833638
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
75 34.4 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 44.480 ng

RT: 6.804 min Scan# 804

Delta R.T. -0.012 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS

Tgt Ion:146 Resp: 86141

Ion Ratio Lower Upper

146 100

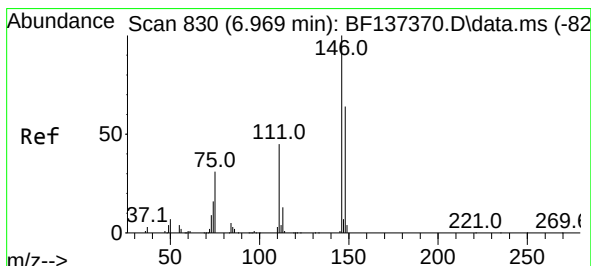
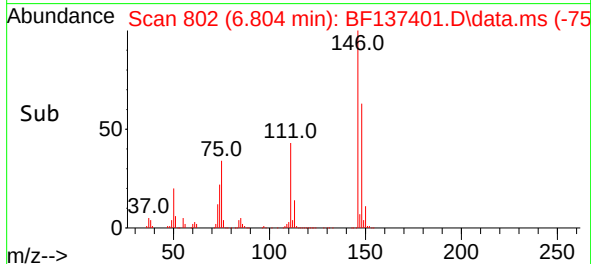
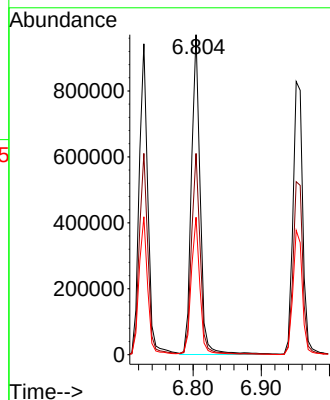
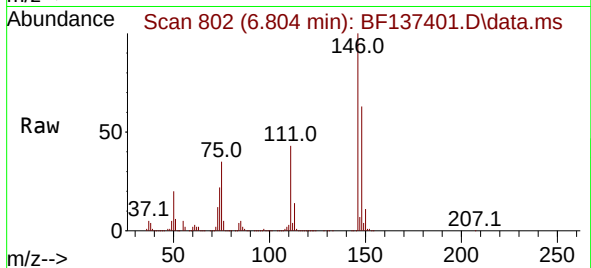
148 62.9 49.9 74.9

111 42.9 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#14

1,2-Dichlorobenzene

Concen: 45.856 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

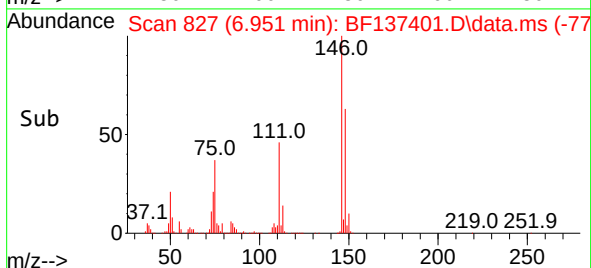
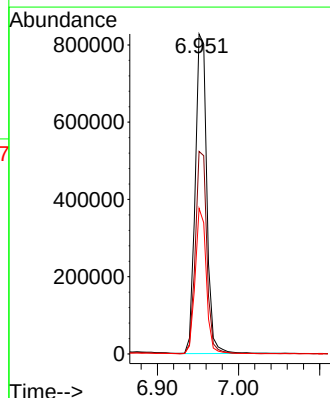
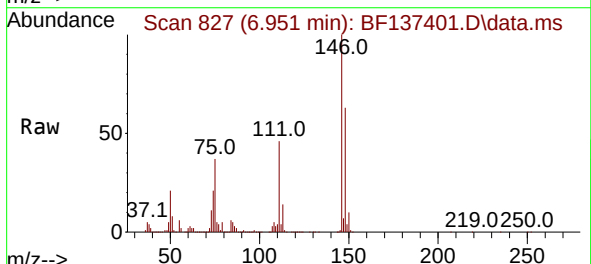
Tgt Ion:146 Resp: 821441

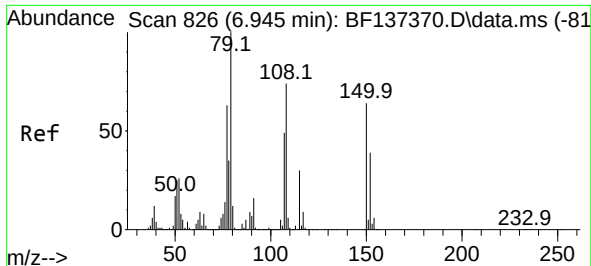
Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.0

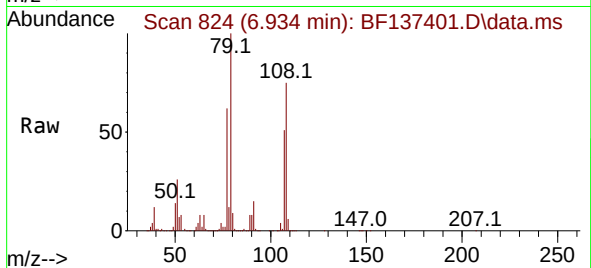
111 45.5 36.6 54.8





#15
Benzyl Alcohol
Concen: 52.154 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

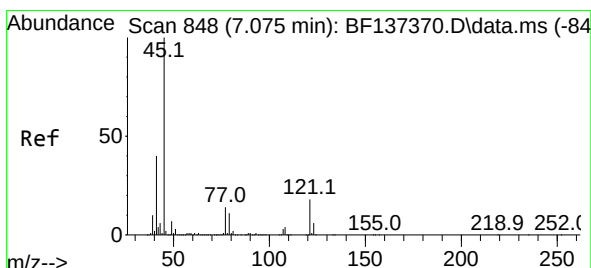
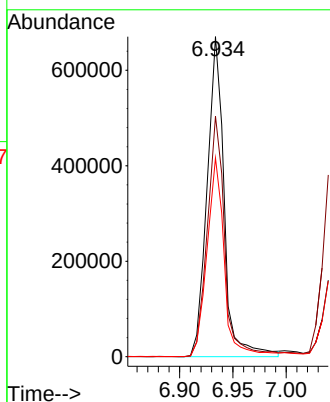
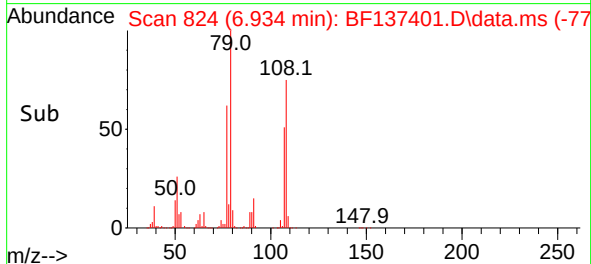
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion: 79 Resp: 74684
Ion Ratio Lower Upper
79 100
108 75.1 59.5 89.3
77 62.1 50.5 75.7

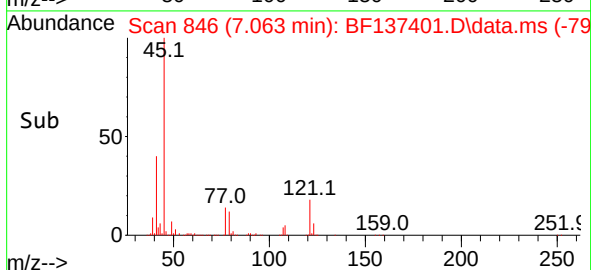
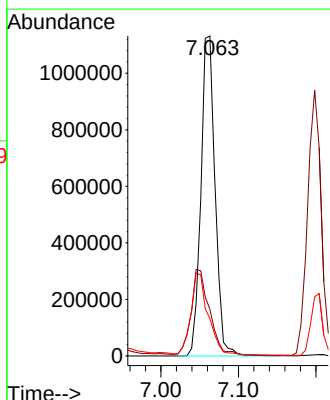
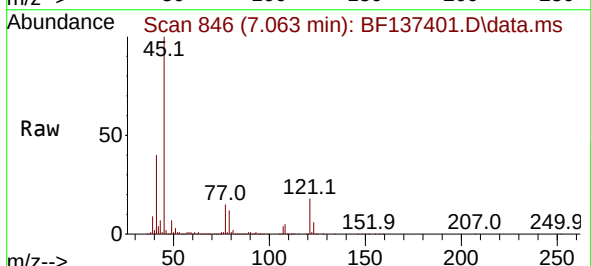
Manual Integrations
APPROVED

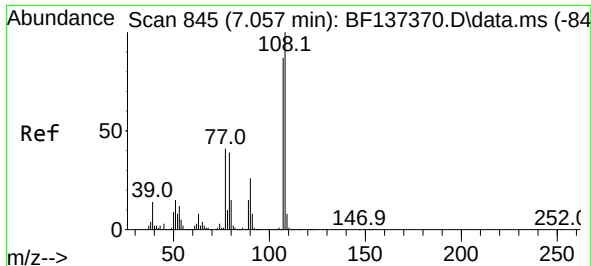
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.333 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion: 45 Resp: 1439536
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.6
79 11.7 0.0 31.6





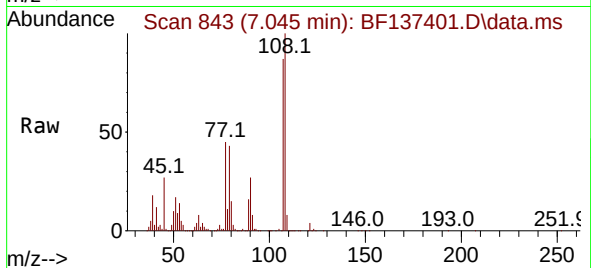
#17
2-Methylphenol
Concen: 42.147 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS

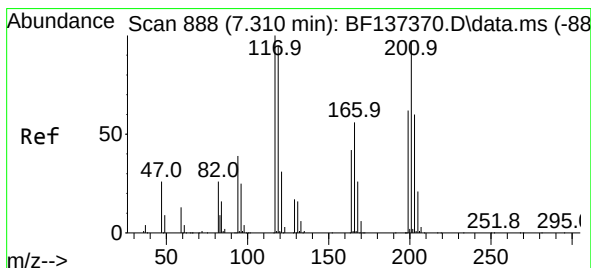
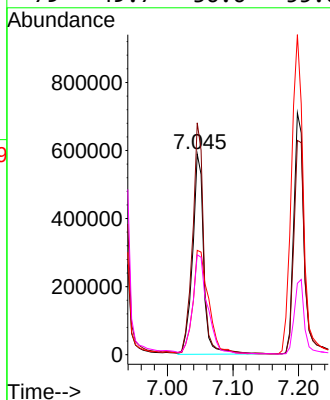
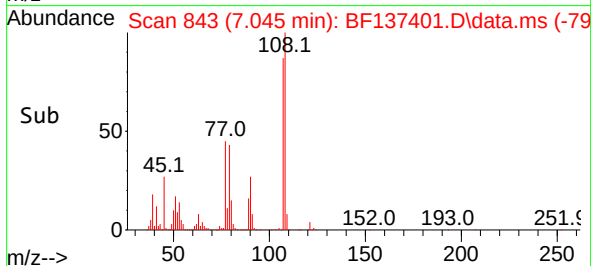


Tgt Ion:107 Resp: 69848
Ion Ratio Lower Upper
107 100
108 115.5 92.2 138.4
77 51.9 38.1 57.1
79 49.7 36.6 55.0

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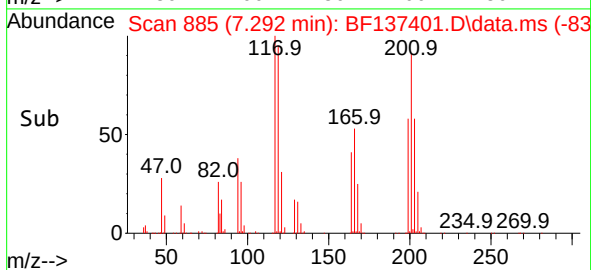
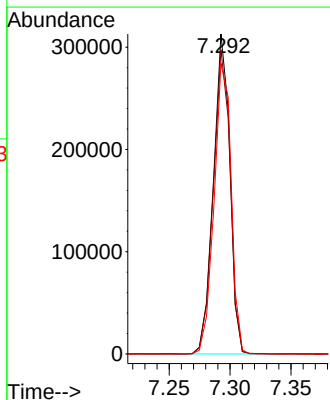
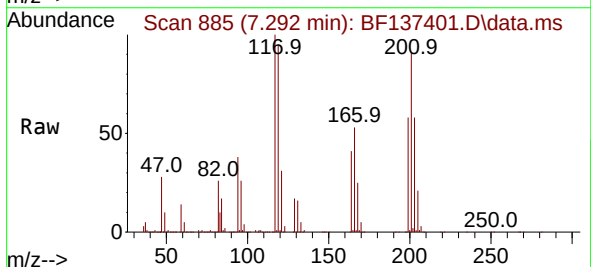
APPROVED

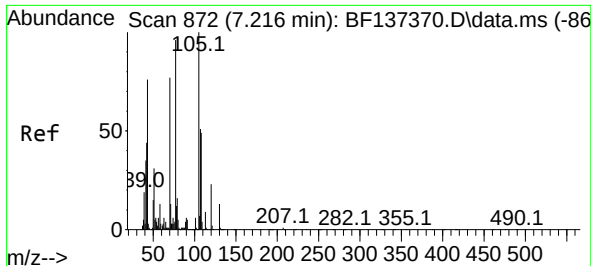
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#18
Hexachloroethane
Concen: 44.228 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:117 Resp: 295151
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.4
201 90.8 77.6 116.4





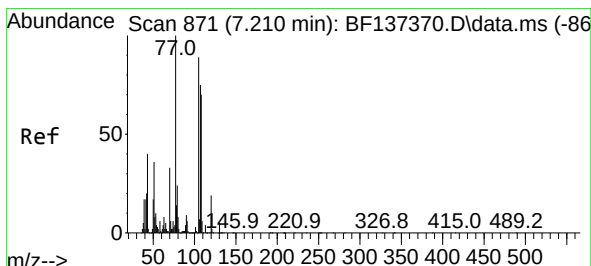
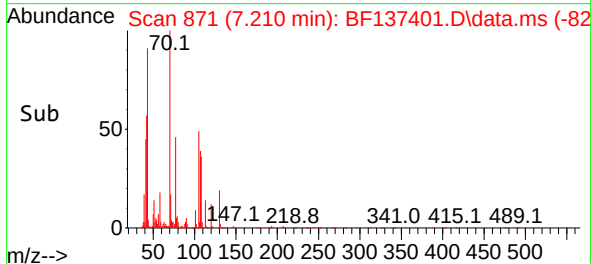
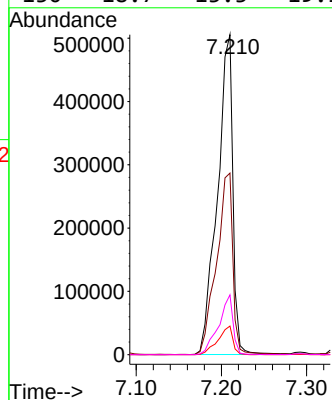
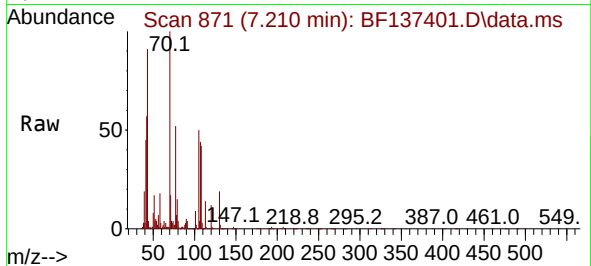
#19
n-Nitroso-di-n-propylamine
Concen: 43.151 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159259BS

Tgt Ion: 70 Resp: 63878
Ion Ratio Lower Upper
70 100
42 56.8 45.3 67.9
101 8.9 6.5 9.7
130 18.7 13.3 19.9

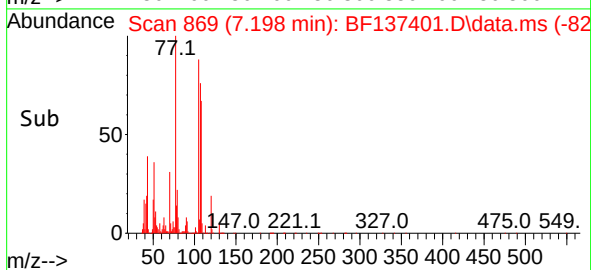
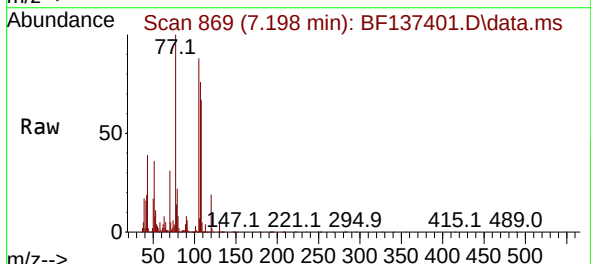
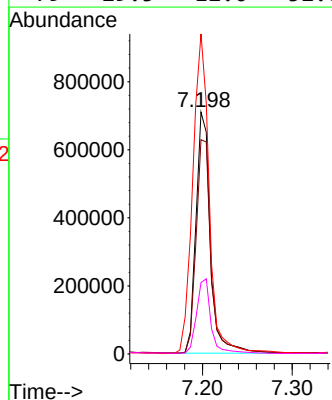
Manual Integrations
APPROVED

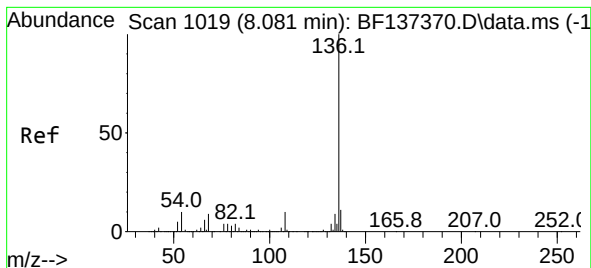
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#20
3+4-Methylphenols
Concen: 41.679 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:107 Resp: 787293
Ion Ratio Lower Upper
107 100
108 88.6 73.1 113.1
77 132.4 113.6 153.6
79 29.5 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF137401.D

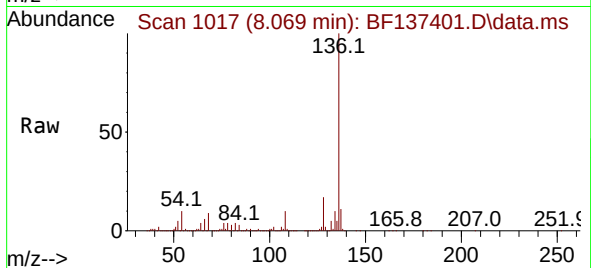
Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS



Tgt Ion:136 Resp: 1022410

Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 10.0 7.8 11.6

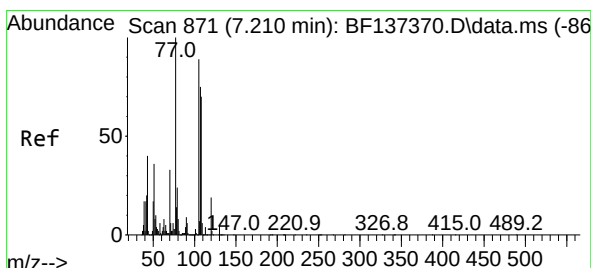
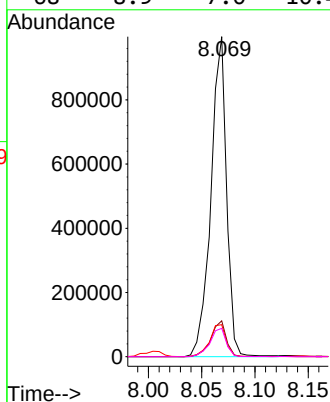
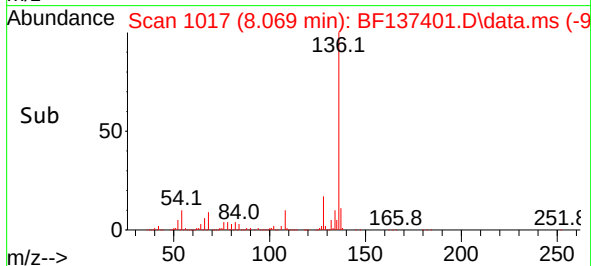
68 8.9 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024

Supervised By :mohammad ahmed 02/29/2024



#22

Acetophenone

Concen: 45.278 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Tgt Ion:105 Resp: 1122564

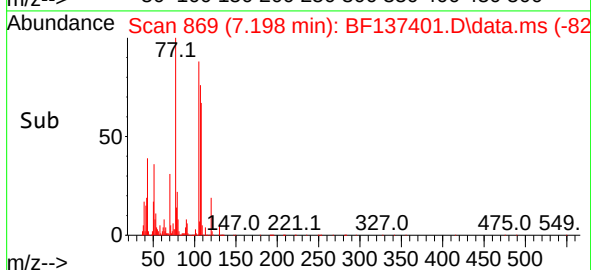
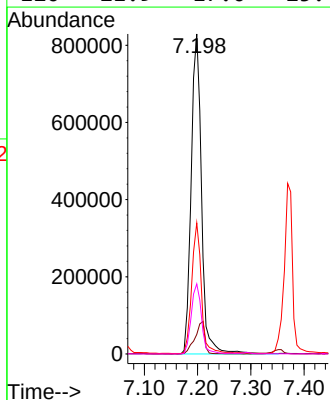
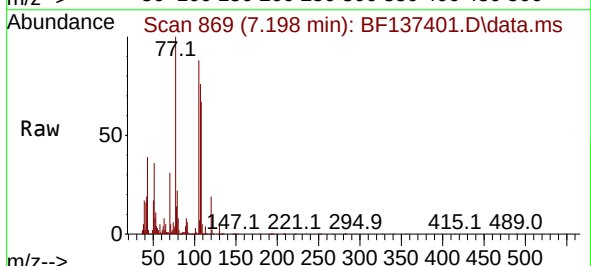
Ion Ratio Lower Upper

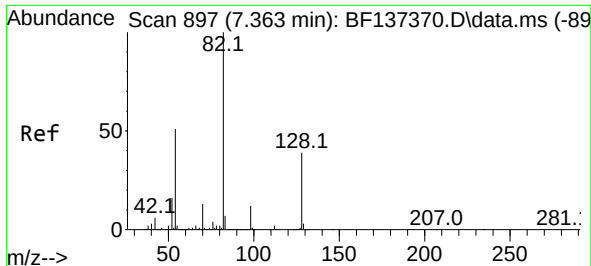
105 100

71 6.1 5.0 7.6

51 40.9 32.2 48.4

120 21.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 88.092 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS

Tgt Ion: 82 Resp: 1804060

Ion Ratio Lower Upper

82 100

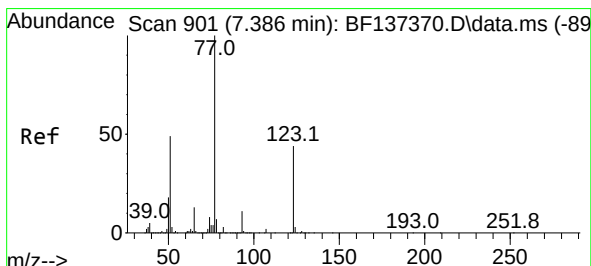
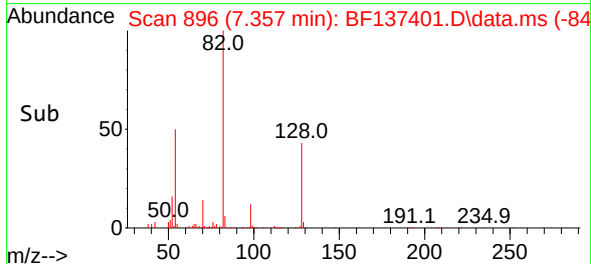
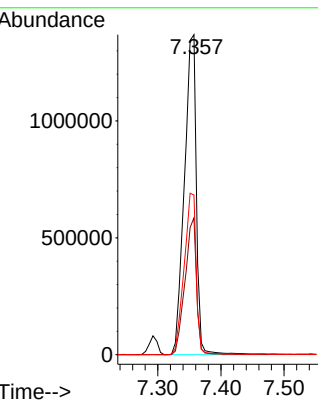
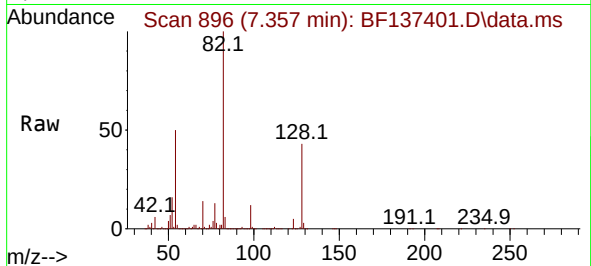
128 42.7 30.8 46.2

54 49.9 40.8 61.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#24

Nitrobenzene

Concen: 46.077 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

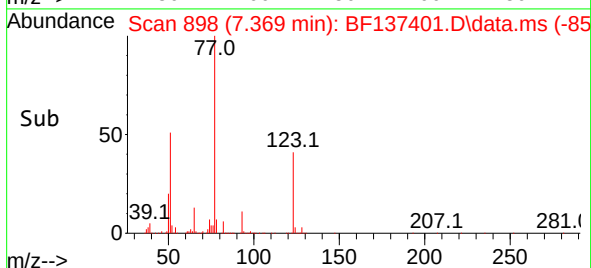
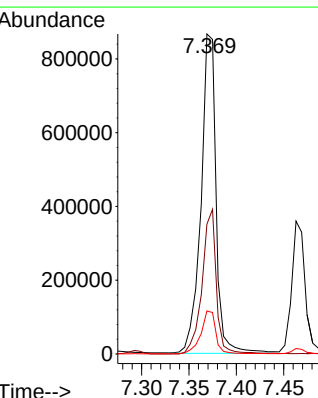
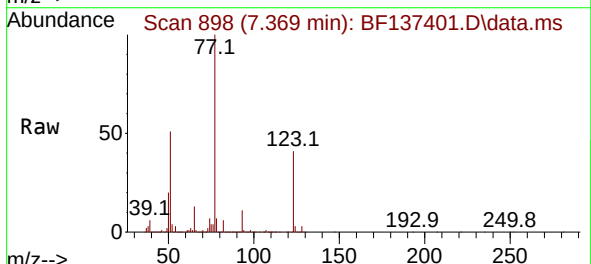
Tgt Ion: 77 Resp: 958832

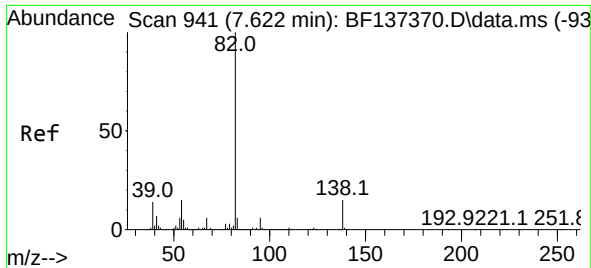
Ion Ratio Lower Upper

77 100

123 40.5 35.4 53.0

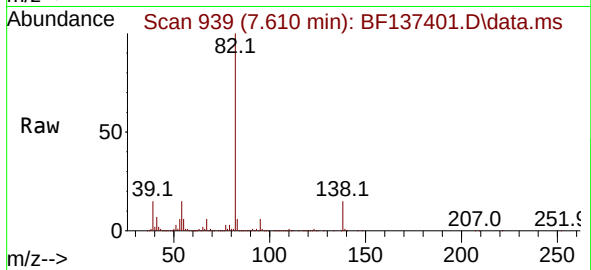
65 13.4 10.3 15.5





#25
Isophorone
Concen: 44.067 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

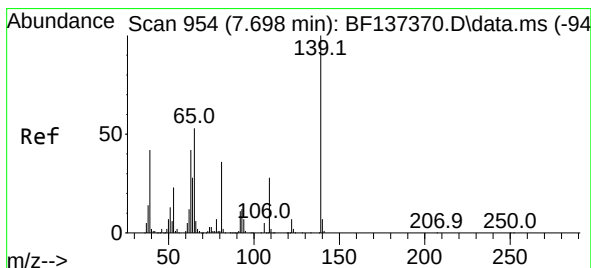
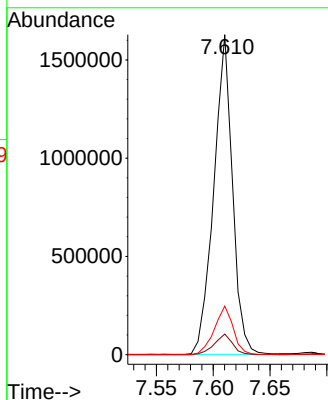
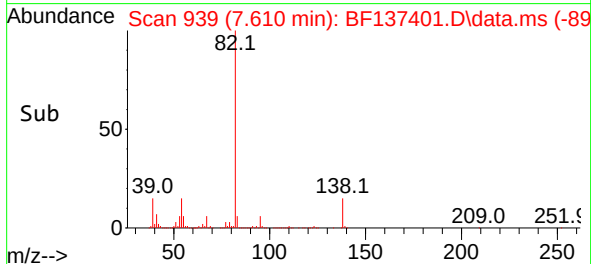
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion: 82 Resp: 186628
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 15.2 12.2 18.4

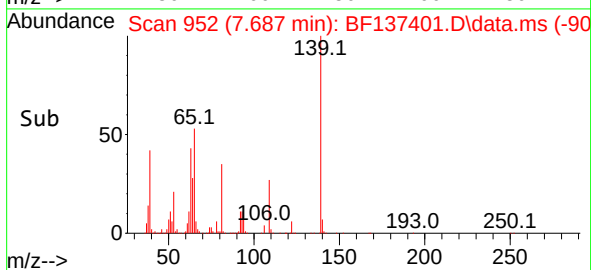
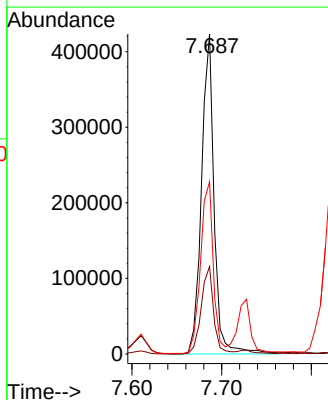
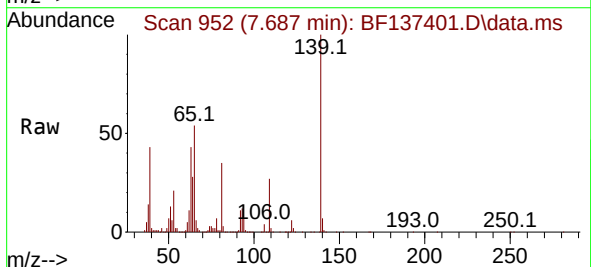
Manual Integrations
APPROVED

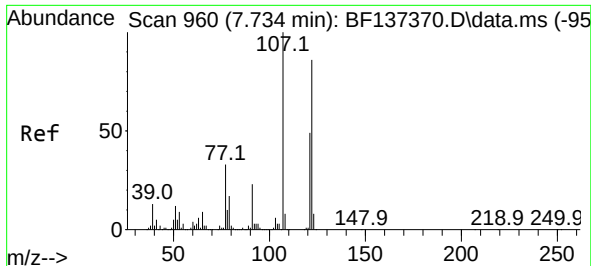
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#26
2-Nitrophenol
Concen: 51.831 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.011 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:139 Resp: 414096
Ion Ratio Lower Upper
139 100
109 27.4 22.5 33.7
65 53.8 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 39.692 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

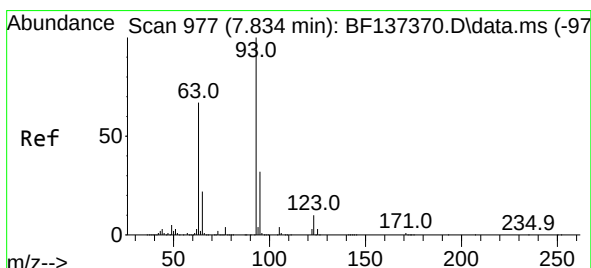
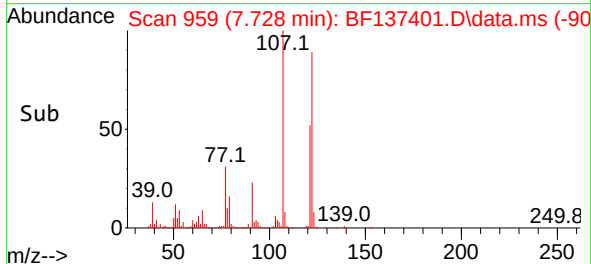
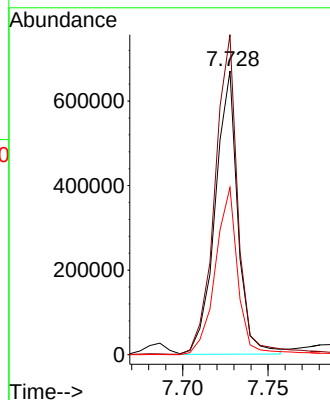
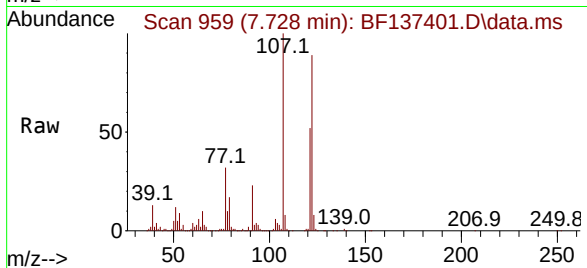
PB159259BS

Tgt Ion:	122	Resp:	618214
Ion	Ratio	Lower	Upper
122	100		
107	112.8	92.7	139.1
121	58.9	45.2	67.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.466 ng

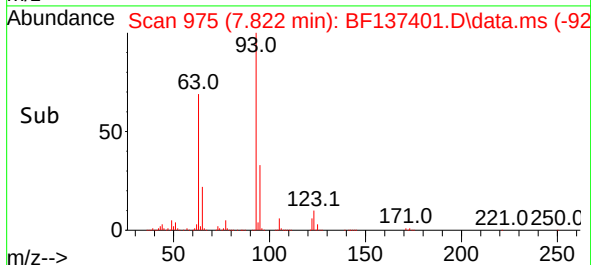
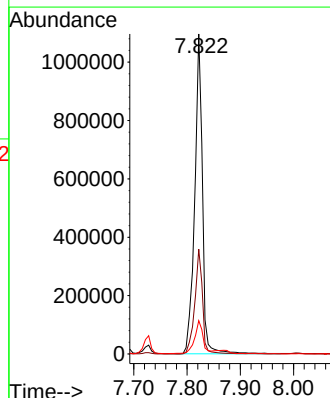
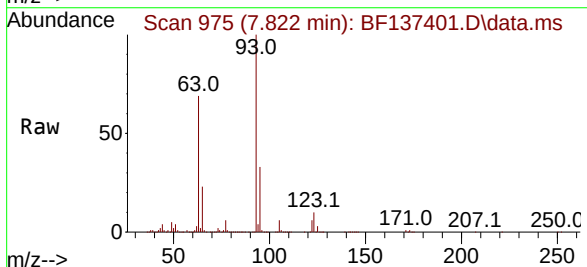
RT: 7.822 min Scan# 975

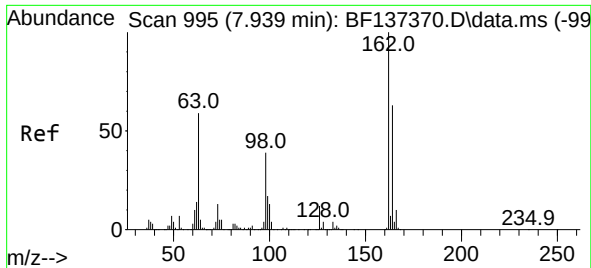
Delta R.T. -0.012 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Tgt Ion:	93	Resp:	1109864
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.9	38.9
123	10.4	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 47.175 ng

RT: 7.928 min Scan# 995

Delta R.T. -0.012 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

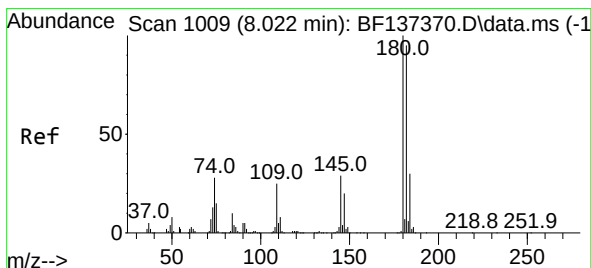
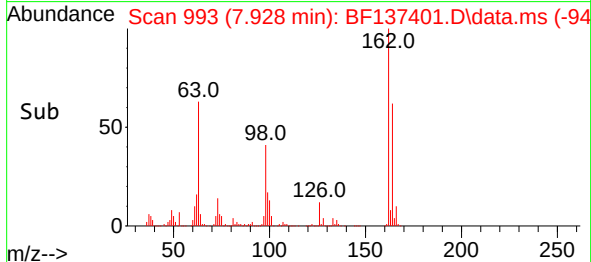
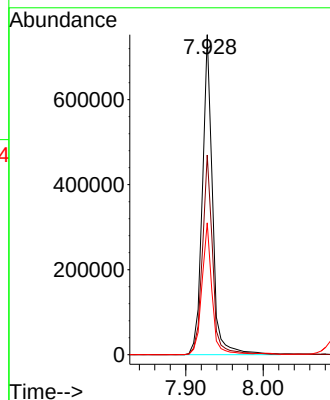
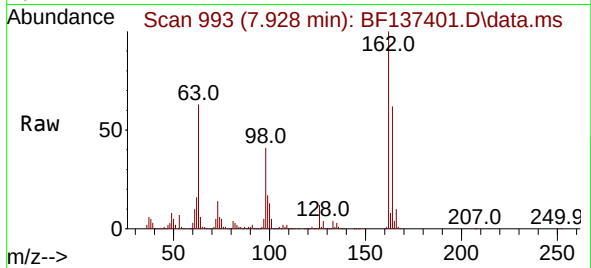
PB159259BS

Tgt Ion:162 Resp: 68867
 Ion Ratio Lower Upper
 162 100
 164 62.4 43.1 83.1
 98 41.2 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.361 ng

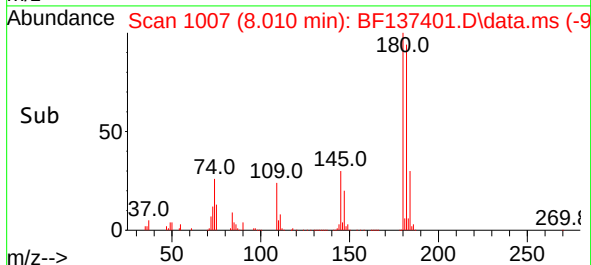
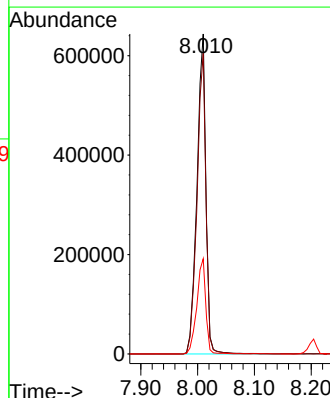
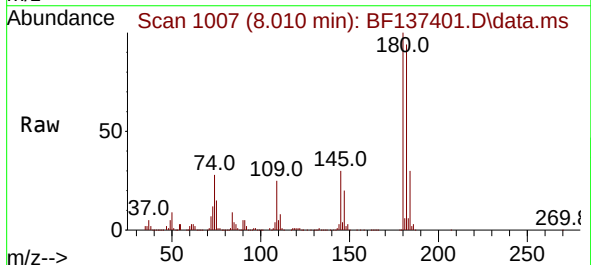
RT: 8.010 min Scan# 1007

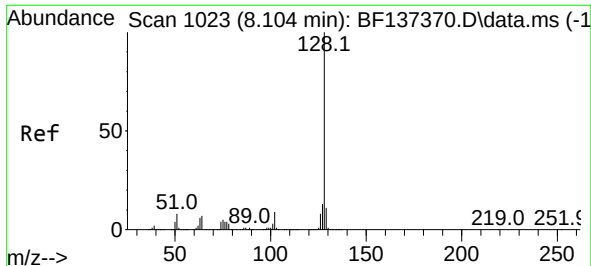
Delta R.T. -0.012 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Tgt Ion:180 Resp: 710760
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.8 113.6
 145 29.8 23.4 35.0





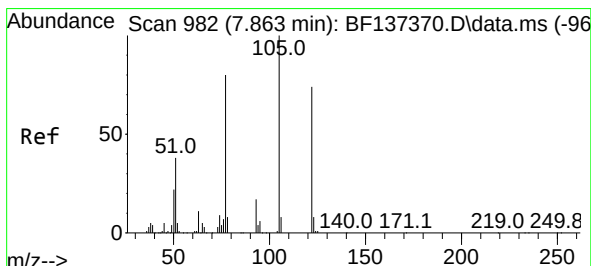
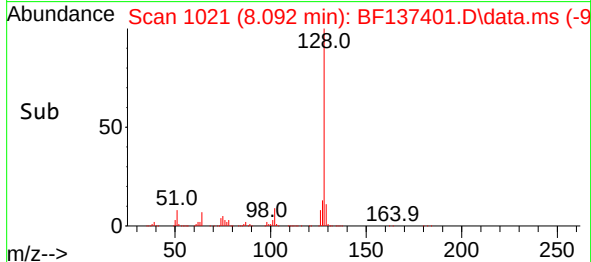
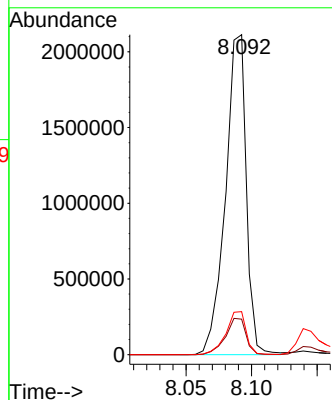
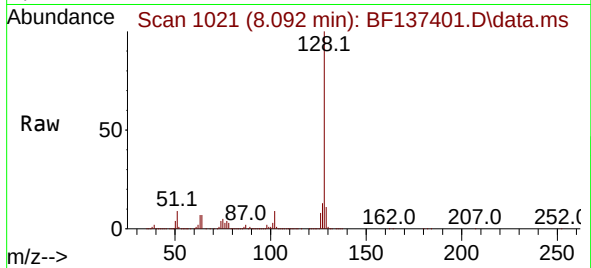
#31
Naphthalene
Concen: 42.504 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159259BS

Tgt Ion:128 Resp: 2332110
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.6 16.0

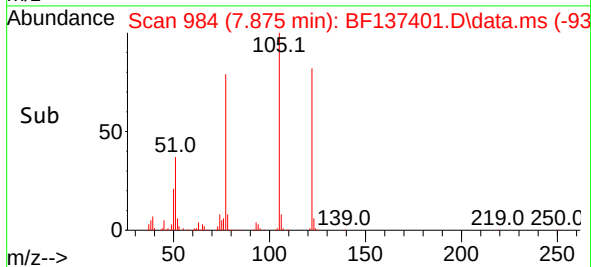
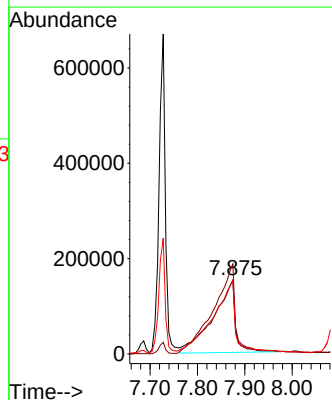
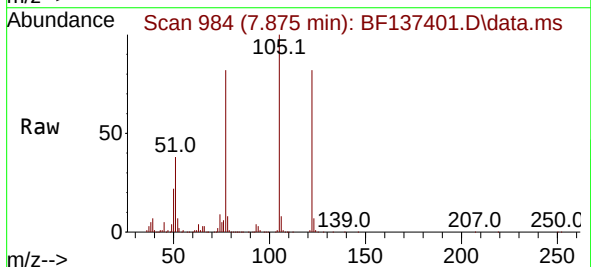
Manual Integrations
APPROVED

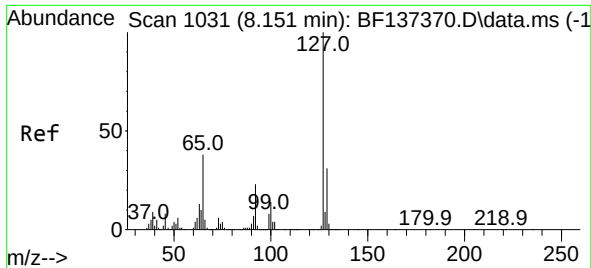
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#32
Benzoic acid
Concen: 51.731 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:122 Resp: 499050
Ion Ratio Lower Upper
122 100
105 122.1 101.1 141.1
77 100.1 82.8 122.8





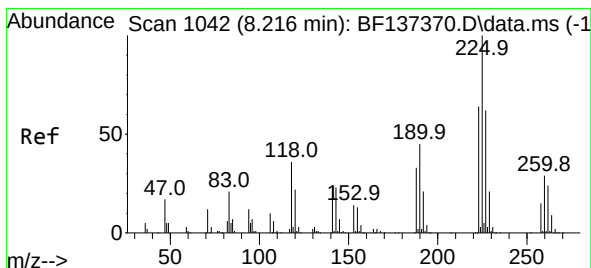
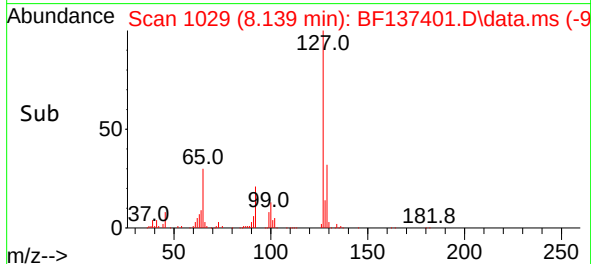
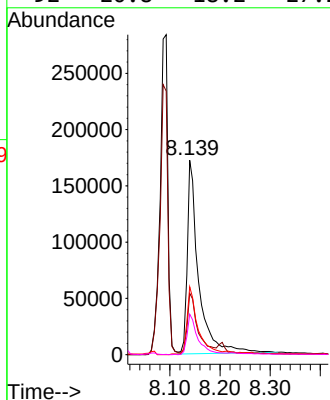
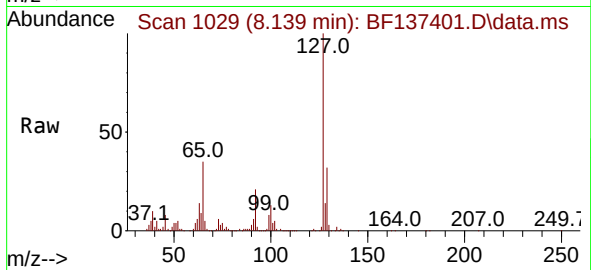
#33
4-Chloroaniline
Concen: 12.976 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159259BS

Tgt Ion:	127	Resp:	27079
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.0	37.6
65	34.9	30.4	45.6
92	20.8	18.2	27.2

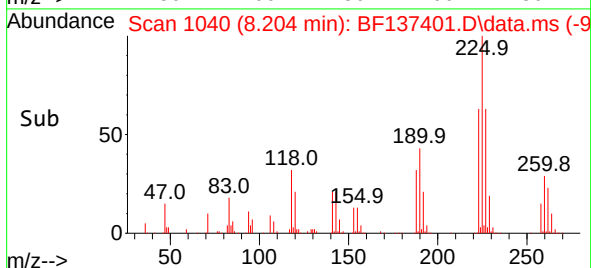
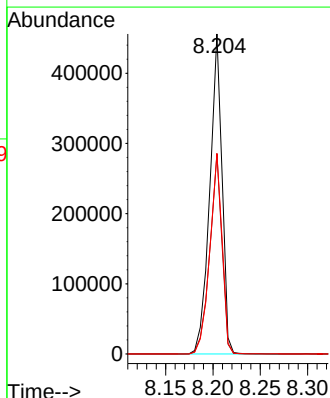
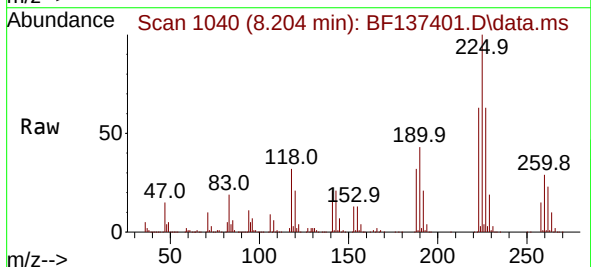
Manual Integrations
APPROVED

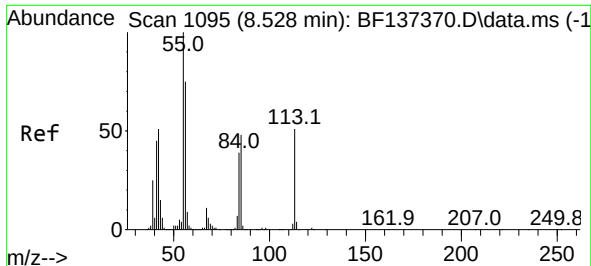
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#34
Hexachlorobutadiene
Concen: 44.133 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

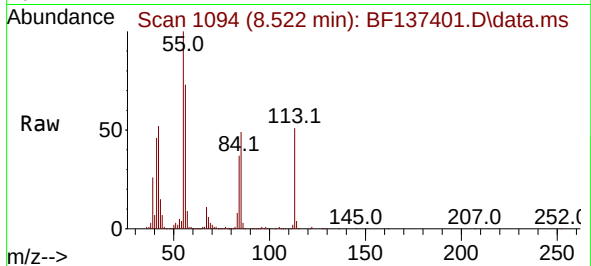
Tgt Ion:	225	Resp:	410810
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.4	77.0
227	62.7	49.8	74.6





#35
Caprolactam
Concen: 50.526 ng/ml
RT: 8.522 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

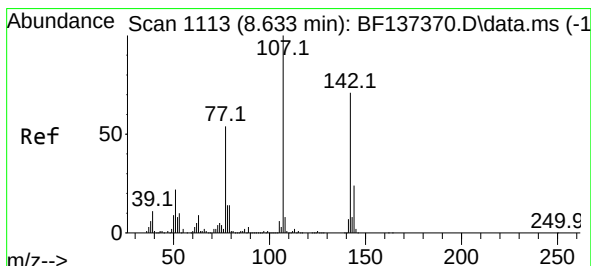
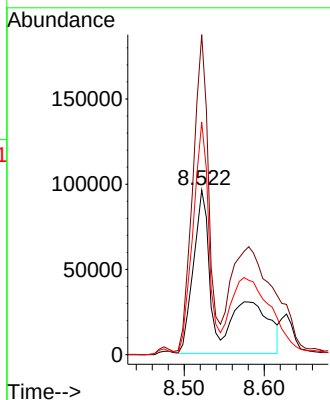
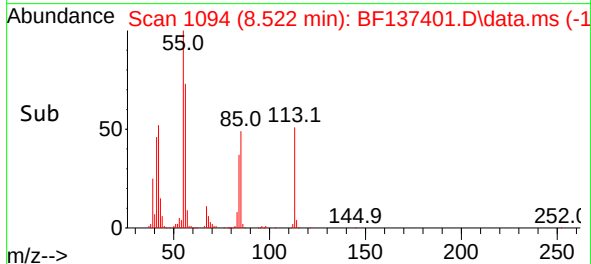
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion:113 Resp: 228098
Ion Ratio Lower Upper
113 100
55 194.4 176.3 216.3
56 141.2 127.6 167.6

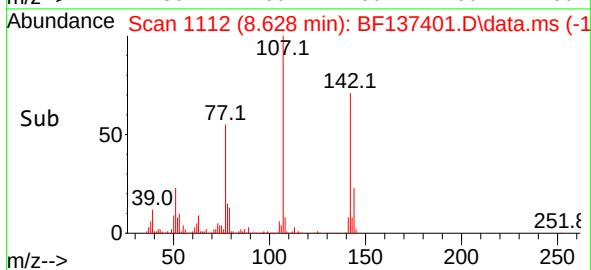
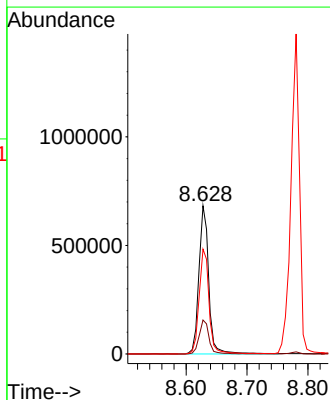
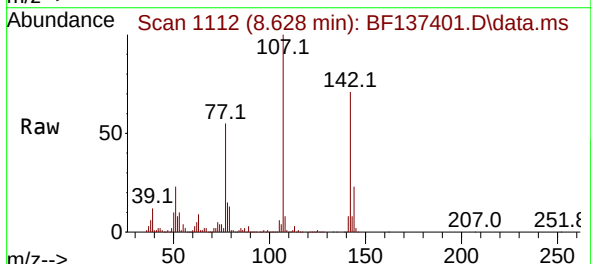
Manual Integrations
APPROVED

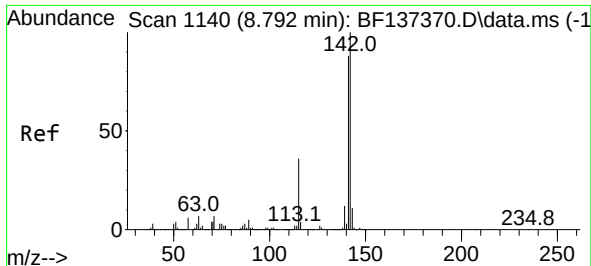
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#36
4-Chloro-3-methylphenol
Concen: 46.294 ng/ml
RT: 8.628 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:107 Resp: 766163
Ion Ratio Lower Upper
107 100
144 23.0 18.9 28.3
142 70.7 56.6 85.0





#37

2-Methylnaphthalene

Concen: 40.955 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS

Tgt Ion:142 Resp: 1448004

Ion Ratio Lower Upper

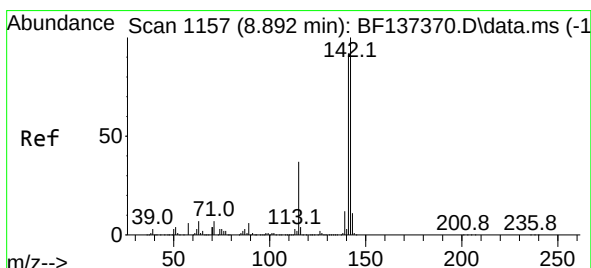
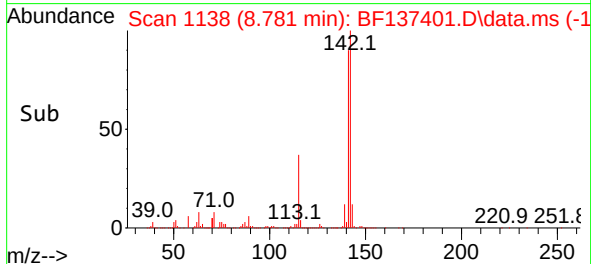
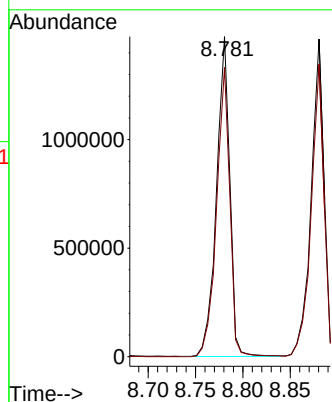
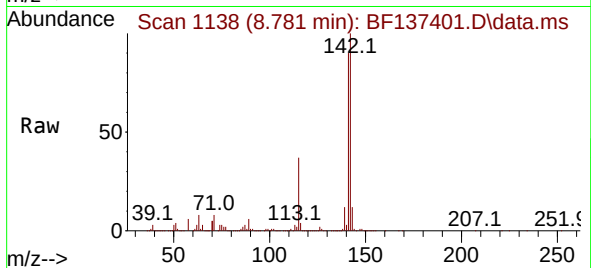
142 100

141 90.3 70.3 105.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#38

1-Methylnaphthalene

Concen: 41.760 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF137401.D

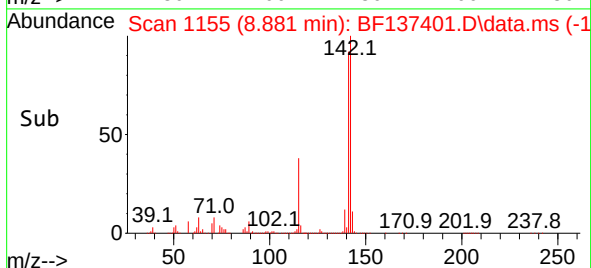
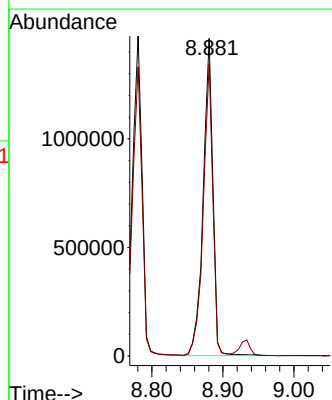
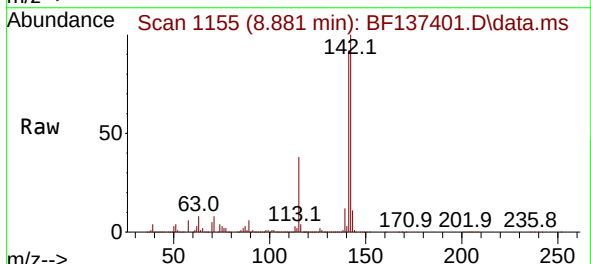
Acq: 27 Feb 2024 13:17

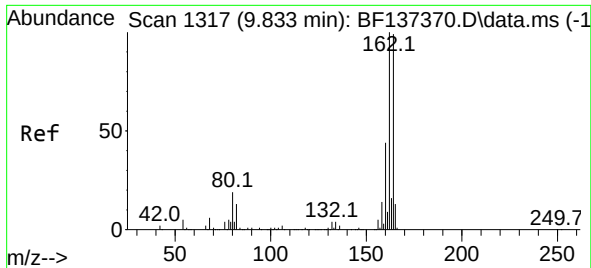
Tgt Ion:142 Resp: 1395918

Ion Ratio Lower Upper

142 100

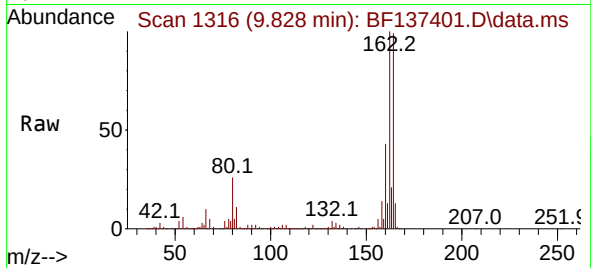
141 92.1 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

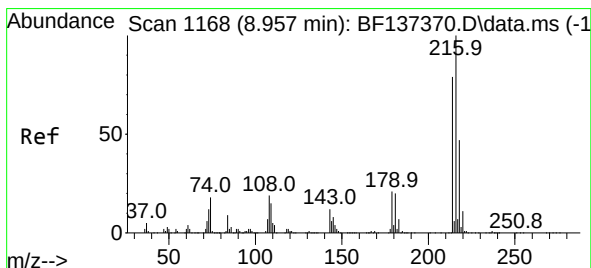
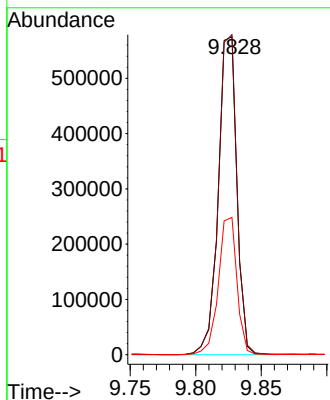
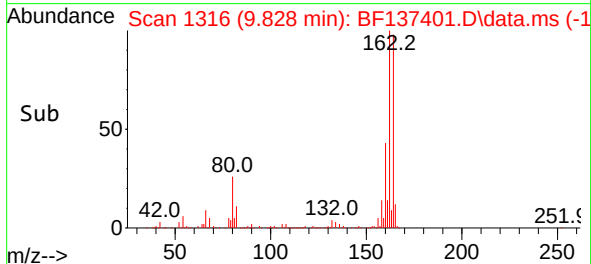
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion:164 Resp: 565380
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 43.2 35.7 53.5

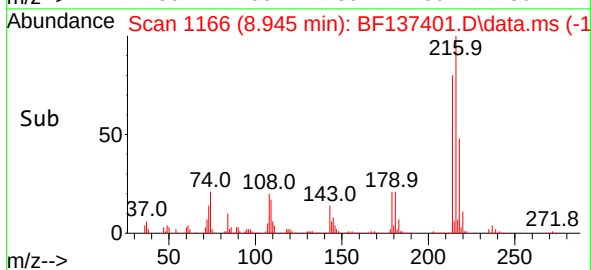
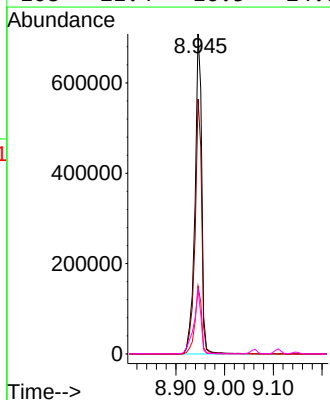
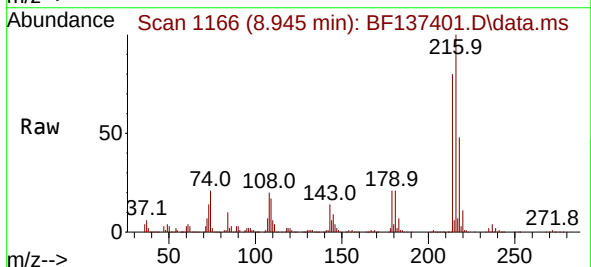
Manual Integrations
APPROVED

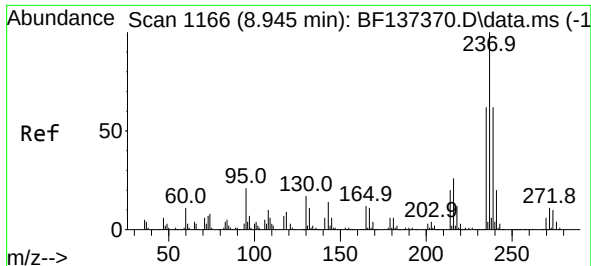
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.453 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

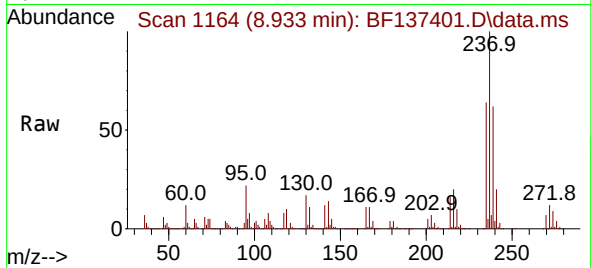
Tgt Ion:216 Resp: 692236
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 20.5 16.5 24.7
108 21.4 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 83.869 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

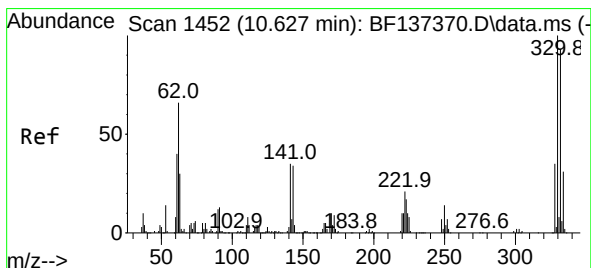
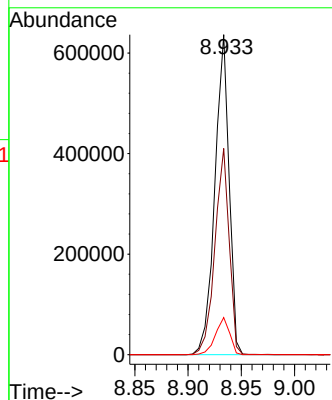
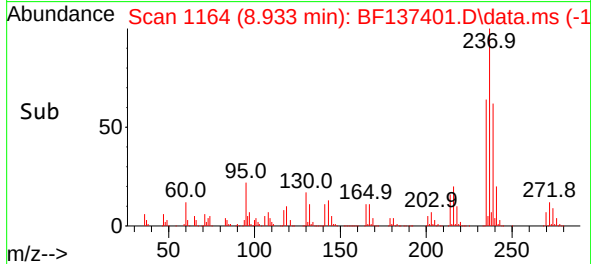
Instrument :
BNA_F
ClientSampleId :
PB159259BS



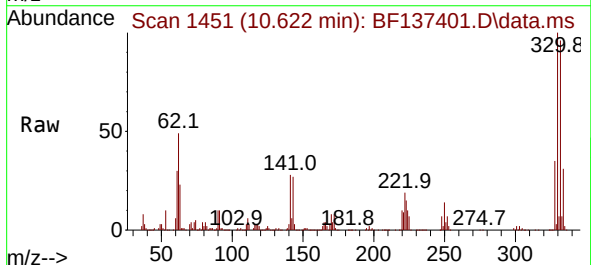
Tgt Ion:237 Resp: 59214
Ion Ratio Lower Upper
237 100
235 64.4 42.0 82.0
272 11.6 0.0 31.3

Manual Integrations
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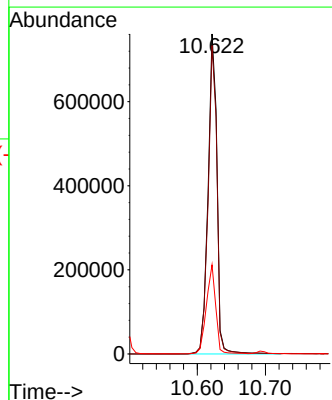
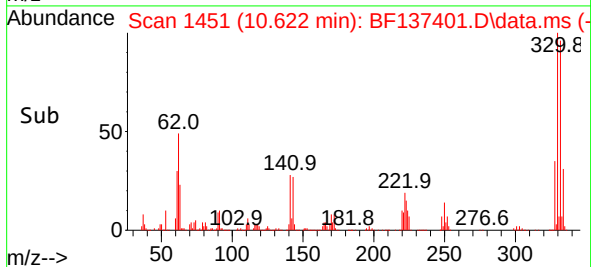
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

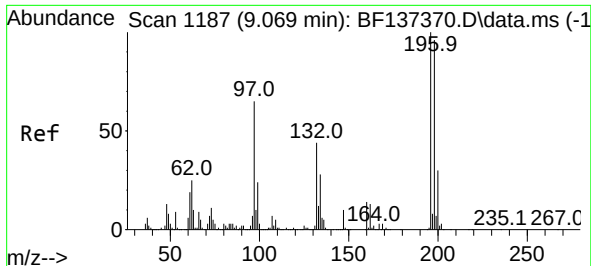


#42
2,4,6-Tribromophenol
Concen: 140.653 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17



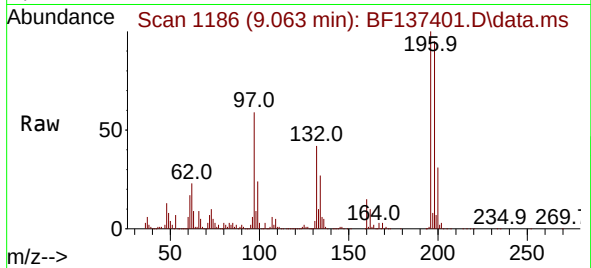
Tgt Ion:330 Resp: 692486
Ion Ratio Lower Upper
330 100
332 96.1 75.6 113.4
141 29.3 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 47.811 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

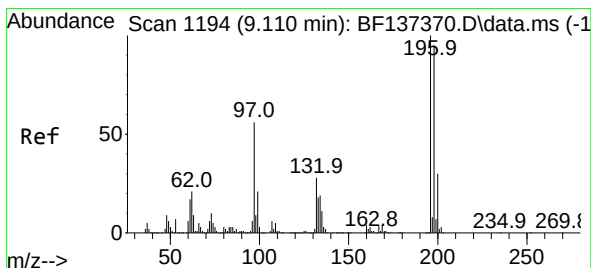
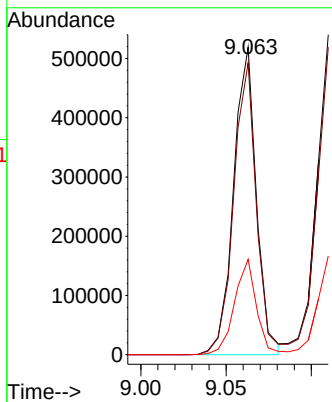
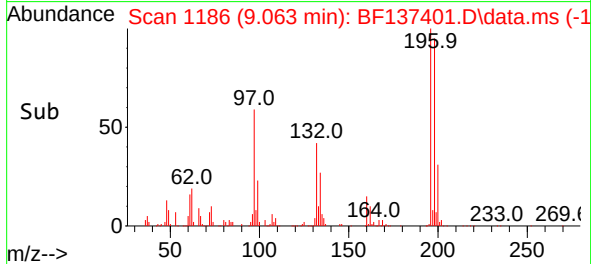
Instrument :
BNA_F
ClientSampleId :
PB159259BS



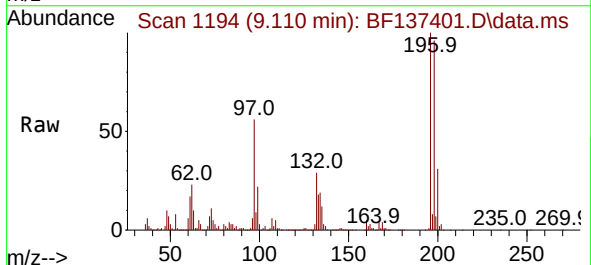
Tgt Ion:196 Resp: 48273
Ion Ratio Lower Upper
196 100
198 94.9 77.0 115.4
200 31.0 24.3 36.5

Manual Integrations
APPROVED

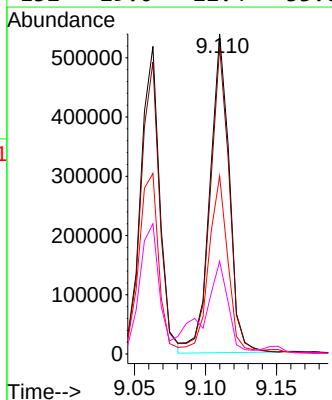
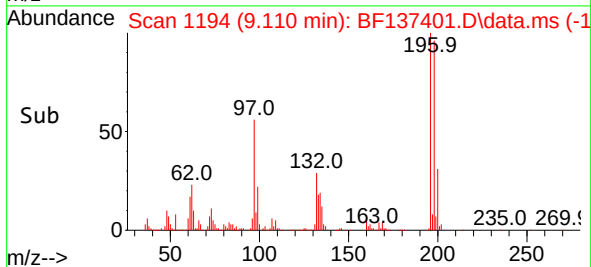
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

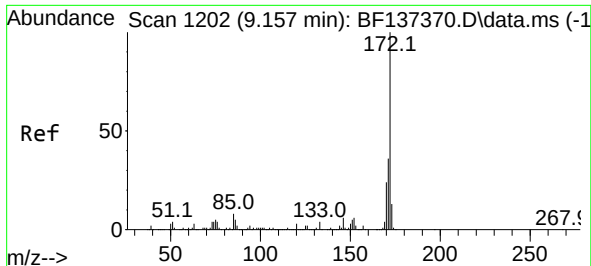


#44
2,4,5-Trichlorophenol
Concen: 43.739 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17



Tgt Ion:196 Resp: 506649
Ion Ratio Lower Upper
196 100
198 96.1 75.6 113.4
97 55.6 44.6 66.8
132 29.0 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 80.120 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

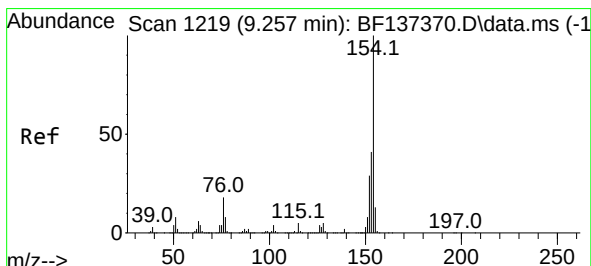
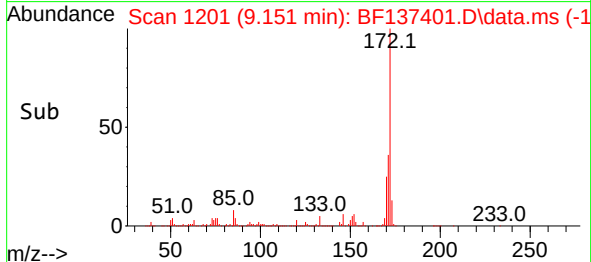
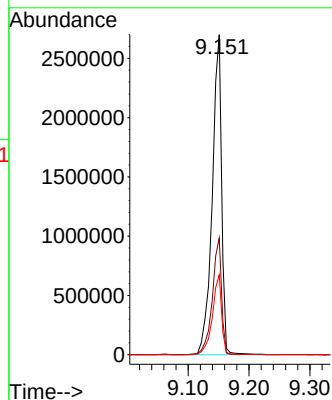
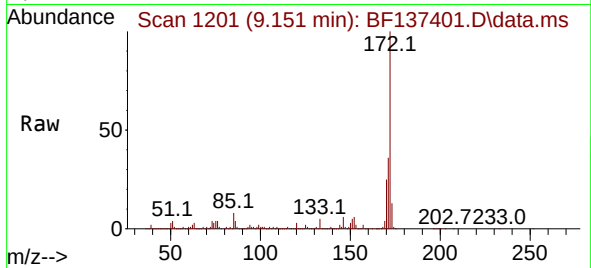
PB159259BS

Tgt Ion:172 Resp: 290963
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.9 19.5 29.3

Manual Integrations

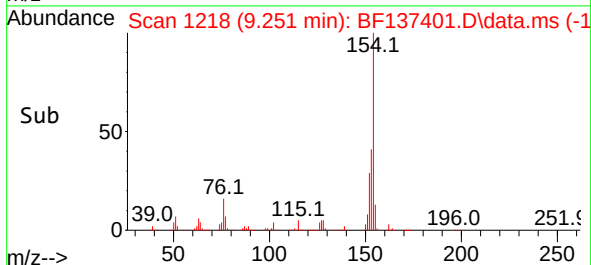
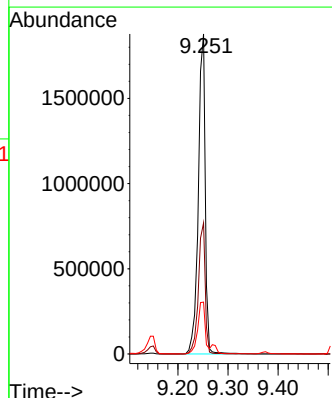
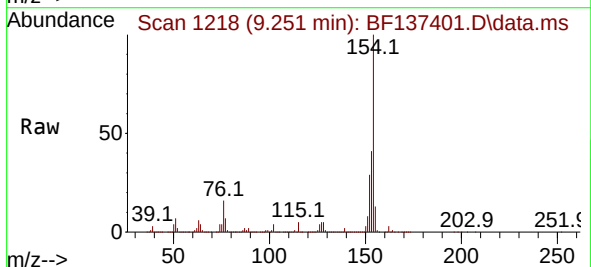
APPROVED

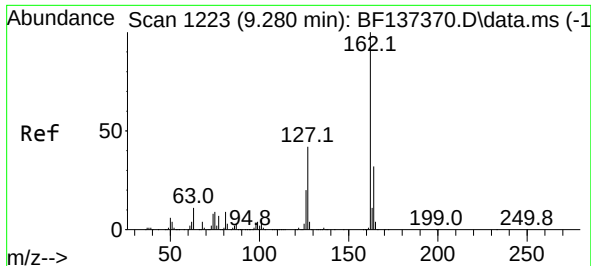
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#46
1,1'-Biphenyl
Concen: 43.653 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:154 Resp: 1797559
Ion Ratio Lower Upper
154 100
153 41.0 21.2 61.2
76 16.2 0.0 37.9





#47
2-Chloronaphthalene
Concen: 46.064 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.005 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

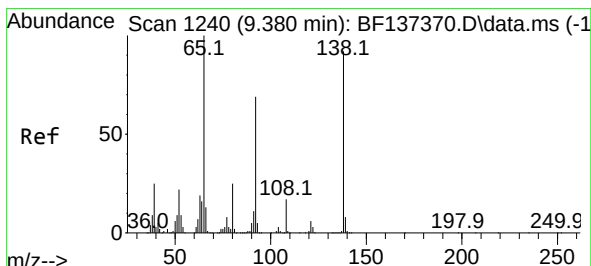
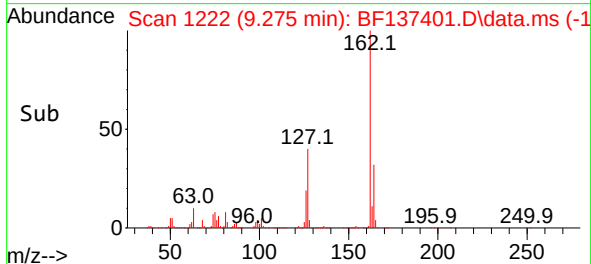
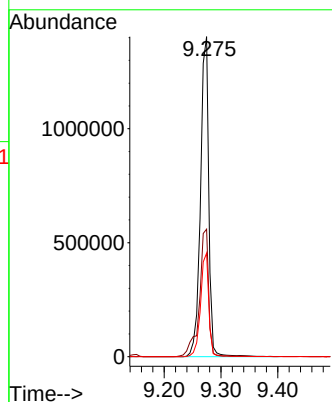
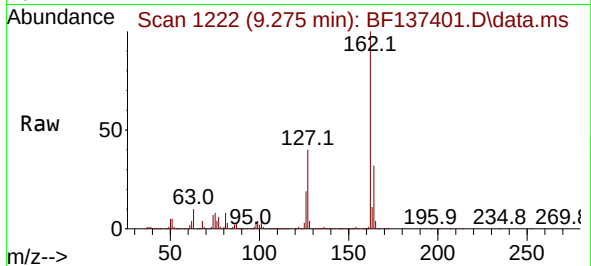
PB159259BS

Tgt Ion:162 Resp: 1432488
Ion Ratio Lower Upper
162 100
127 39.8 33.6 50.4
164 32.4 25.9 38.9

Manual Integrations

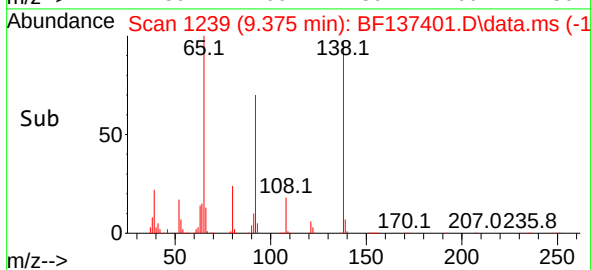
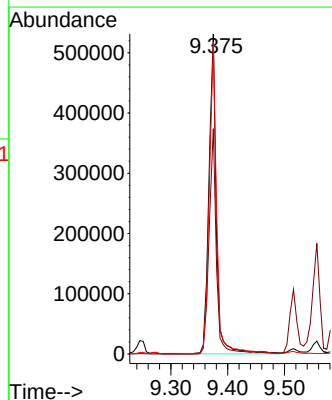
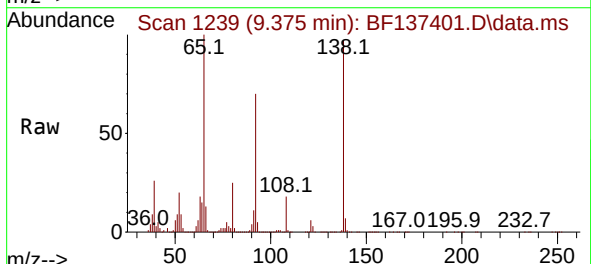
APPROVED

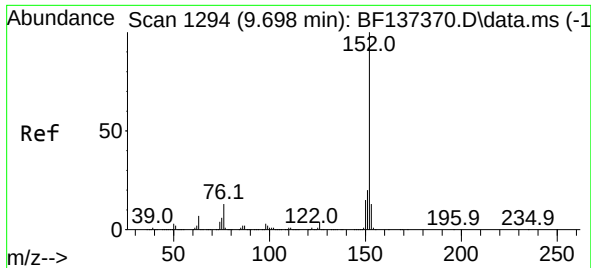
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#48
2-Nitroaniline
Concen: 50.618 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

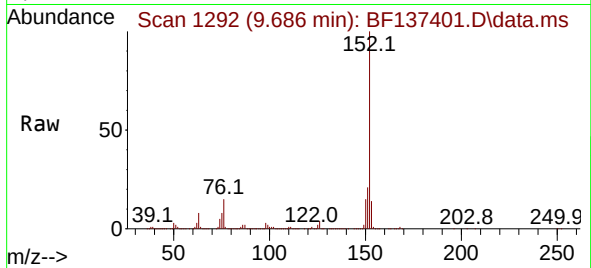
Tgt Ion: 65 Resp: 480485
Ion Ratio Lower Upper
65 100
92 70.4 55.0 82.6
138 97.5 73.7 110.5





#49
Acenaphthylene
Concen: 44.881 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

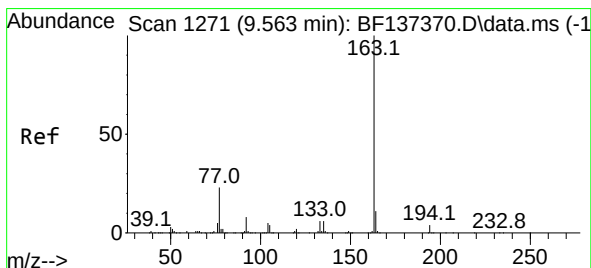
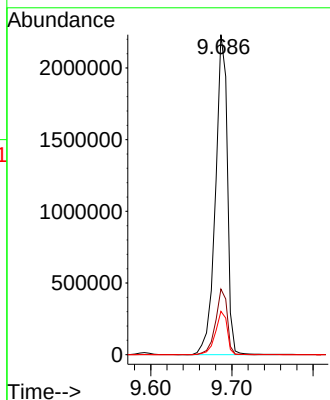
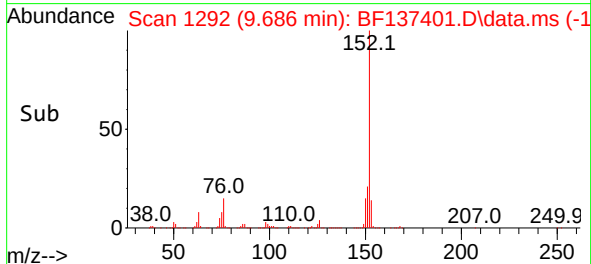
Instrument :
BNA_F
ClientSampleId :
PB159259BS



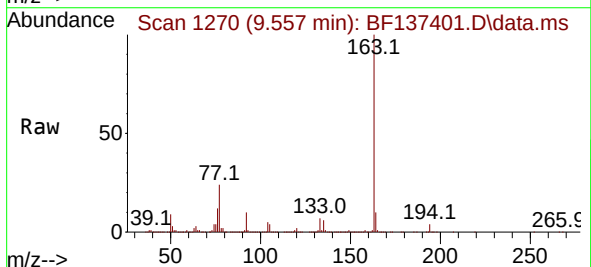
Tgt Ion:152 Resp: 226765
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.6 10.6 15.8

Manual Integrations
APPROVED

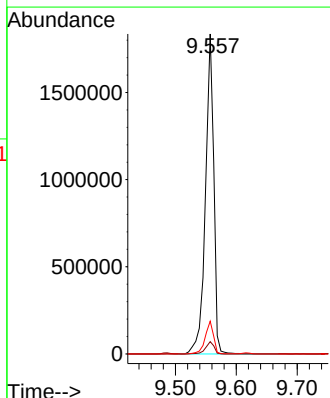
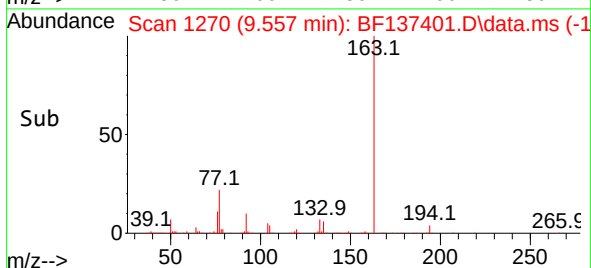
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

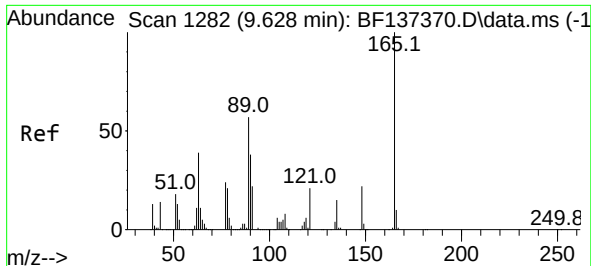


#50
Dimethylphthalate
Concen: 44.632 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17



Tgt Ion:163 Resp: 1743667
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 51.196 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS

Tgt Ion:165 Resp: 372092

Ion Ratio Lower Upper

165 100

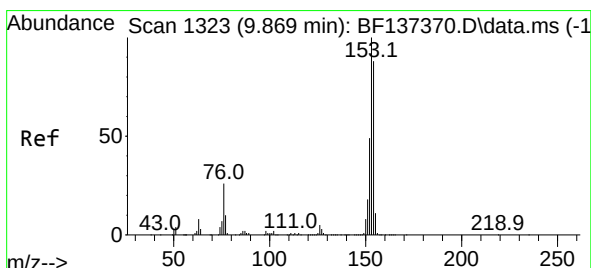
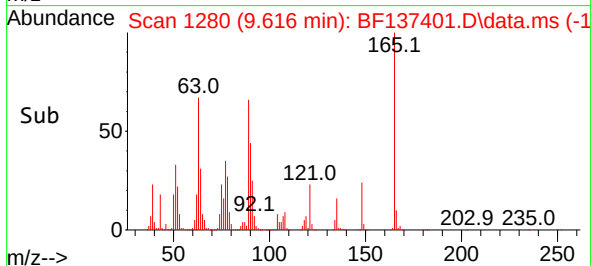
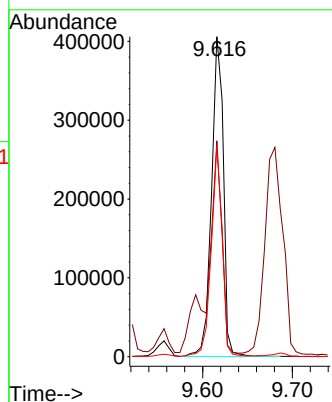
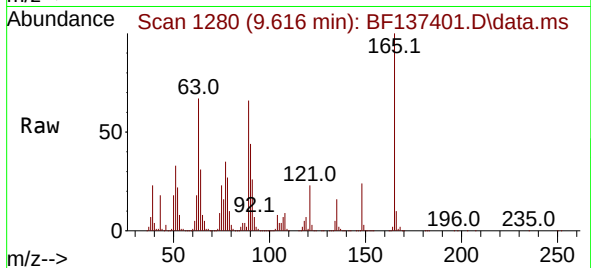
63 67.5 41.6 62.4

89 65.8 45.8 68.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#52

Acenaphthene

Concen: 42.660 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

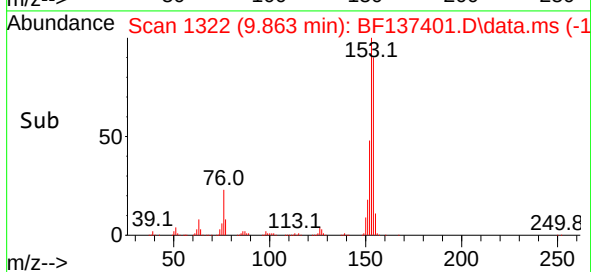
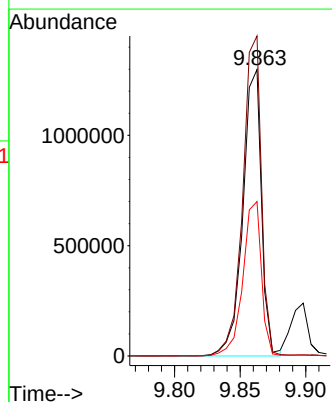
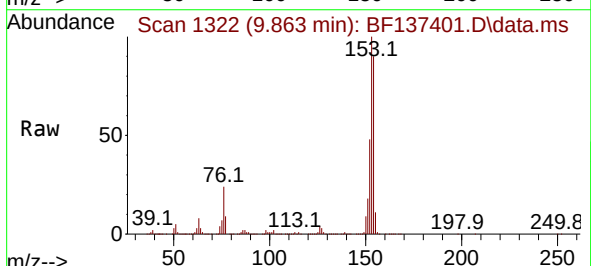
Tgt Ion:154 Resp: 1286635

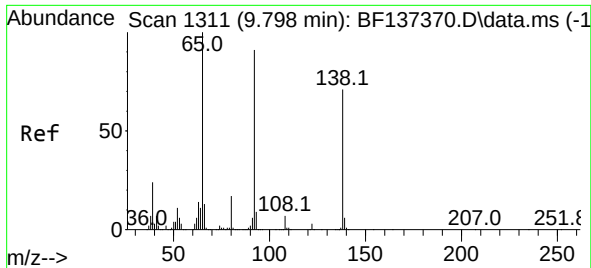
Ion Ratio Lower Upper

154 100

153 111.7 90.6 135.8

152 53.9 44.1 66.1





#53
3-Nitroaniline
Concen: 28.398 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

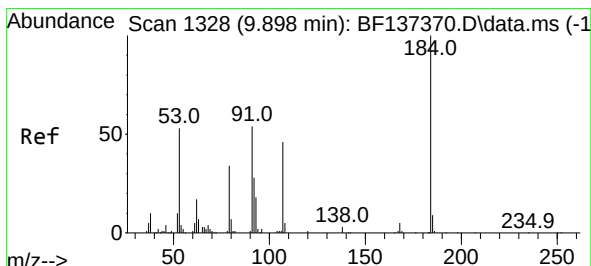
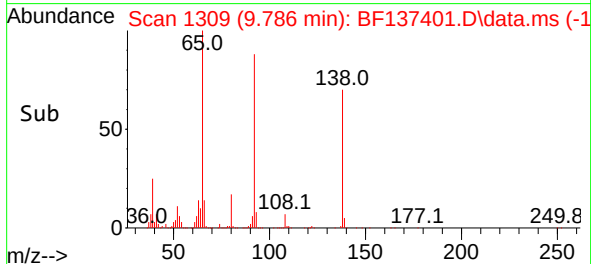
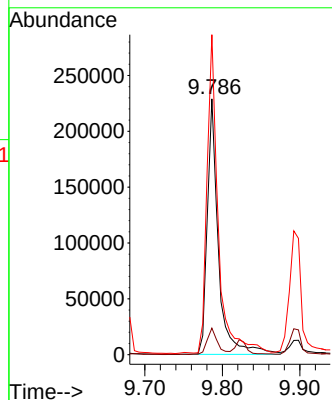
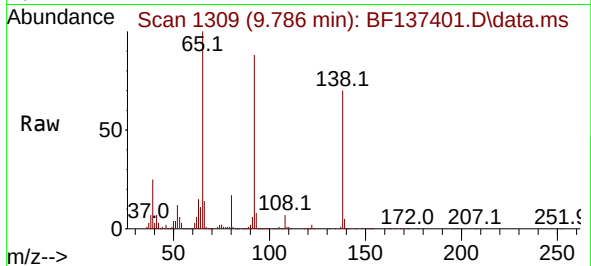
PB159259BS

Tgt Ion:138 Resp: 227420
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.2
92 125.1 102.2 153.2

Manual Integrations

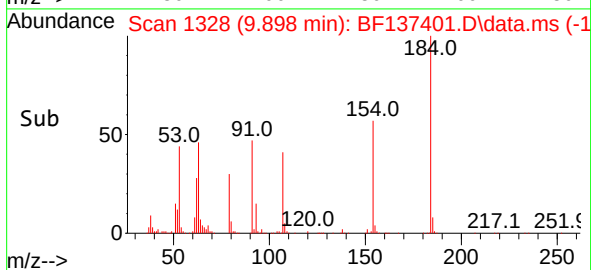
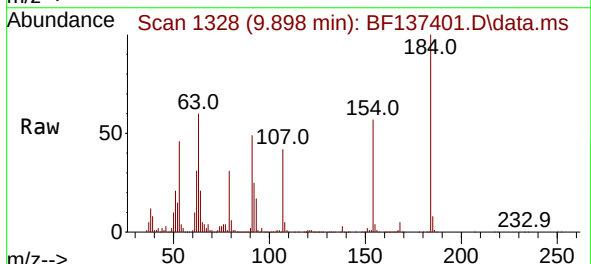
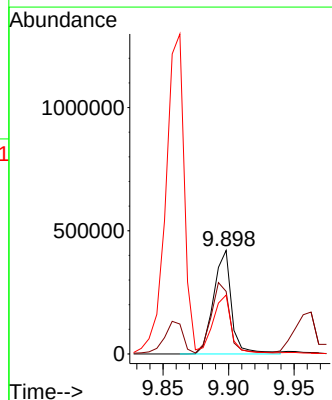
APPROVED

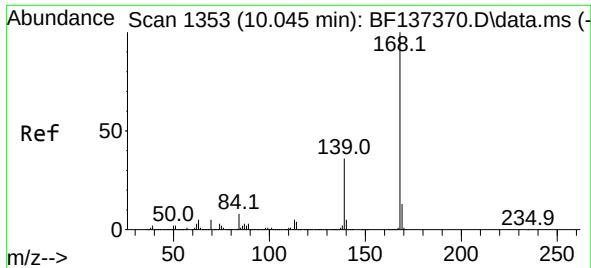
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#54
2,4-Dinitrophenol
Concen: 108.741 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:184 Resp: 401886
Ion Ratio Lower Upper
184 100
63 60.4 55.9 83.9
154 56.9 47.6 71.4





#55
Dibenzenofuran
Concen: 41.382 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

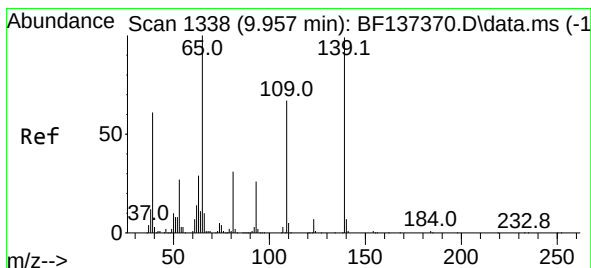
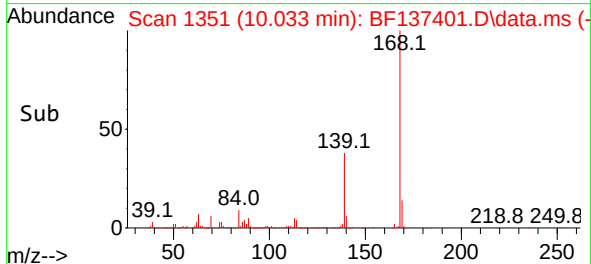
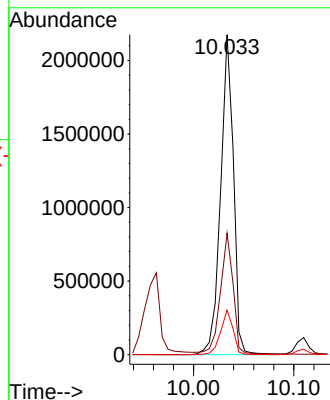
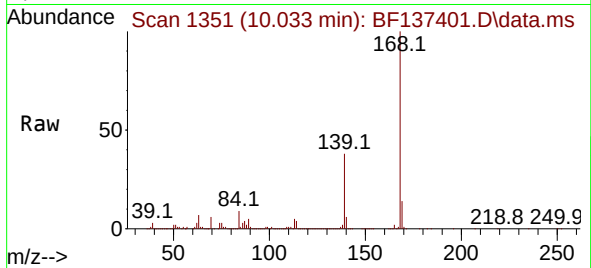
PB159259BS

Tgt Ion:168 Resp: 1929015
Ion Ratio Lower Upper
168 100
139 38.0 28.9 43.3
169 14.0 10.8 16.2

Manual Integrations

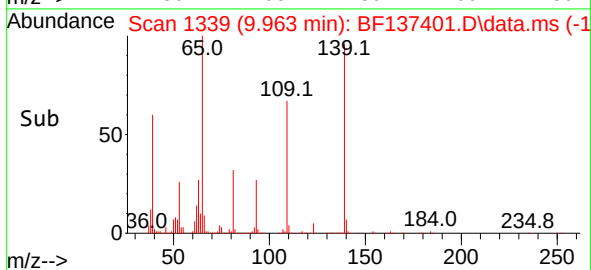
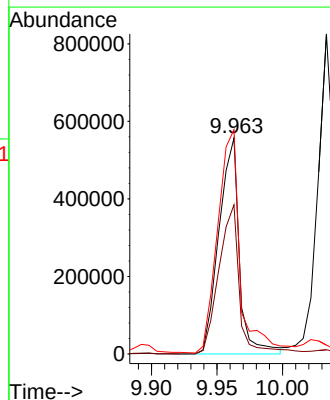
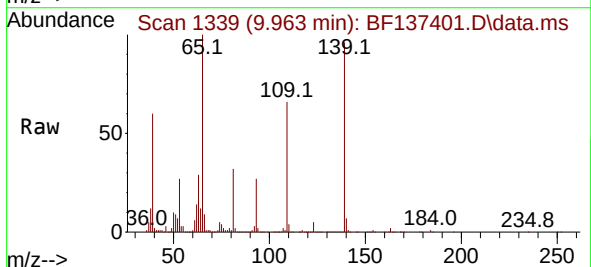
APPROVED

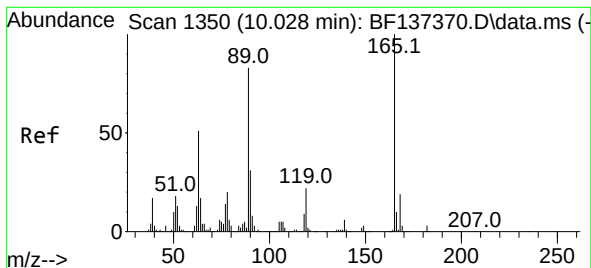
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#56
4-Nitrophenol
Concen: 96.536 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:139 Resp: 600846
Ion Ratio Lower Upper
139 100
109 69.1 48.0 88.0
65 104.0 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 51.838 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

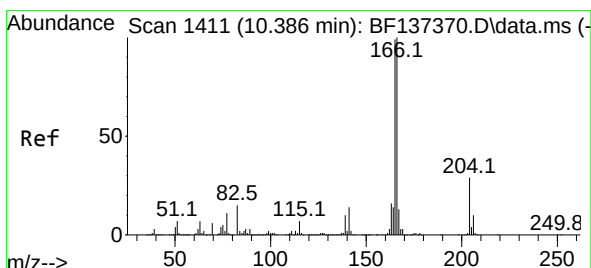
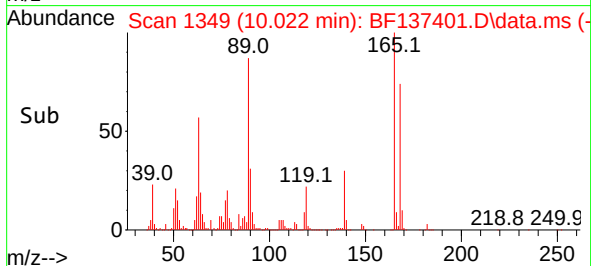
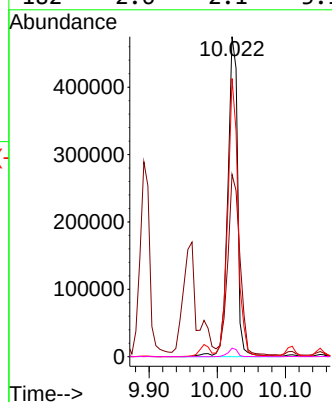
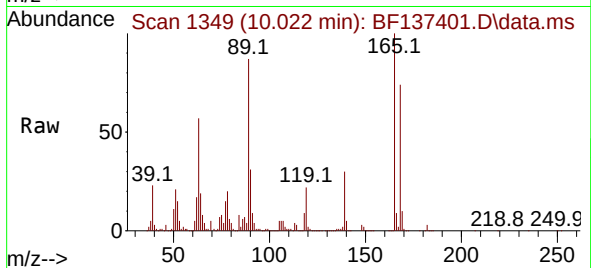
PB159259BS

Tgt Ion:165 Resp: 47713
Ion Ratio Lower Upper
165 100
63 56.9 41.1 61.7
89 87.0 66.6 100.0
182 2.6 2.1 3.1

Manual Integrations

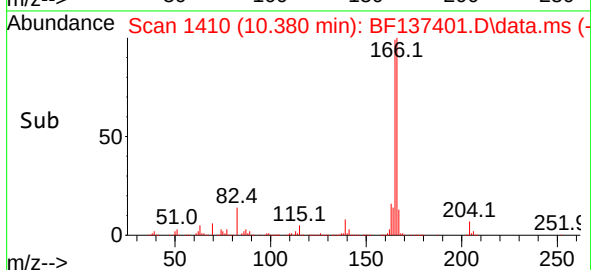
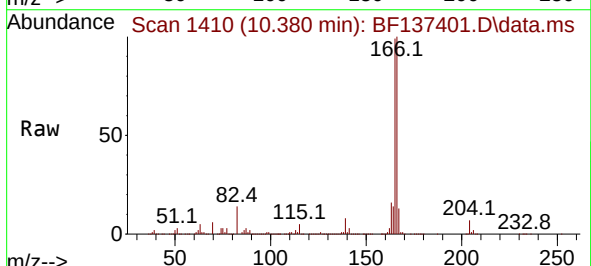
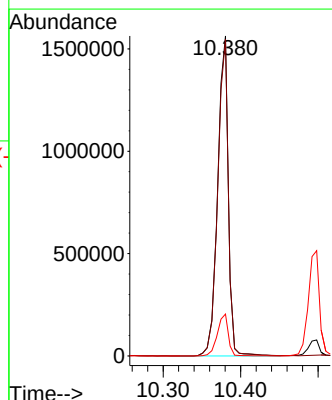
APPROVED

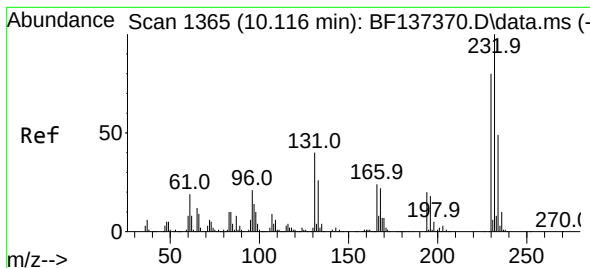
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#58
Fluorene
Concen: 41.761 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

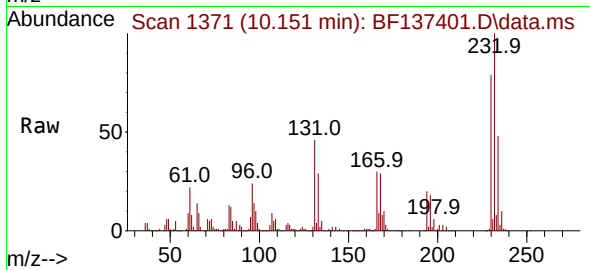
Tgt Ion:166 Resp: 1486639
Ion Ratio Lower Upper
166 100
165 99.0 78.8 118.2
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.782 ng m
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

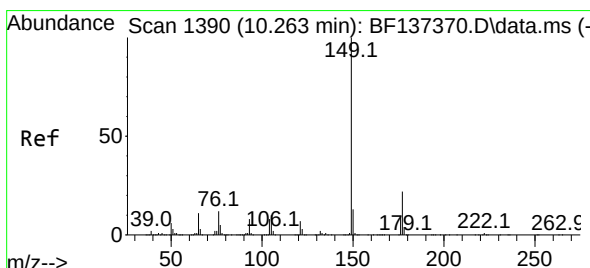
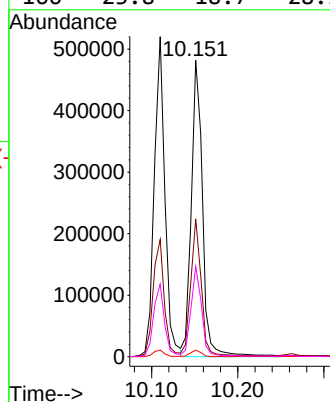
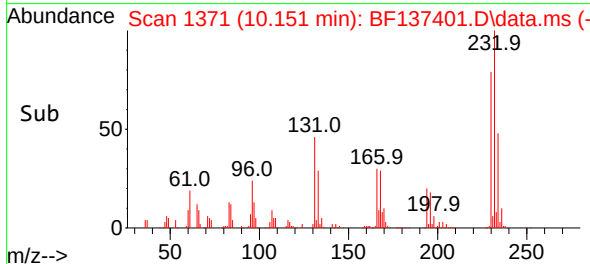
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion:232 Resp: 439152
Ion Ratio Lower Upper
232 100
131 39.0 31.1 46.7
130 2.2 1.8 2.6
166 23.8 18.7 28.1

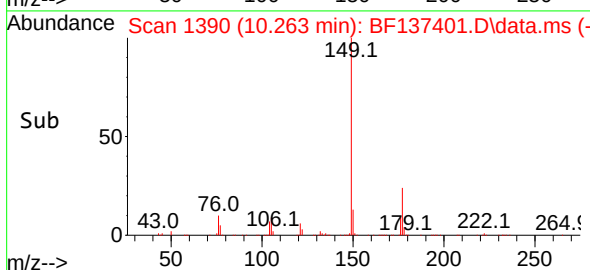
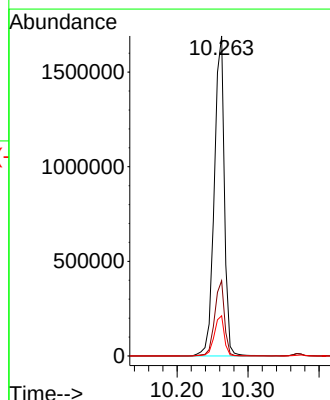
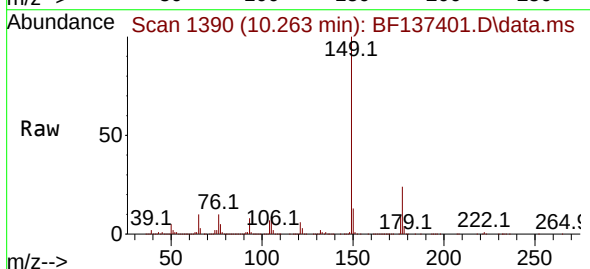
Manual Integrations
APPROVED

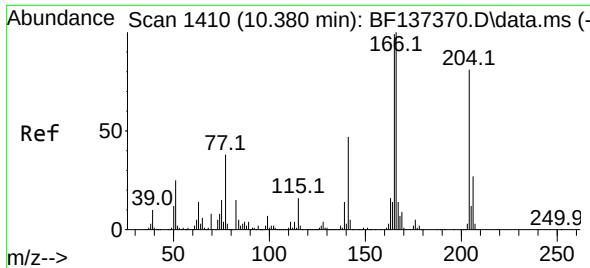
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#60
Diethylphthalate
Concen: 45.726 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

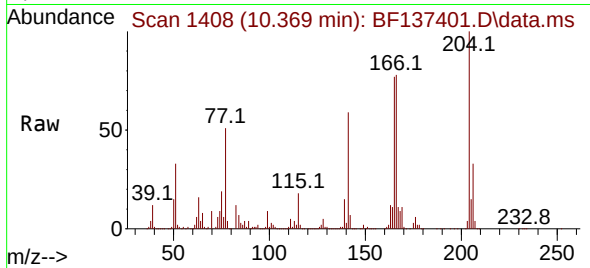
Tgt Ion:149 Resp: 1667869
Ion Ratio Lower Upper
149 100
177 23.5 18.0 27.0
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.395 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

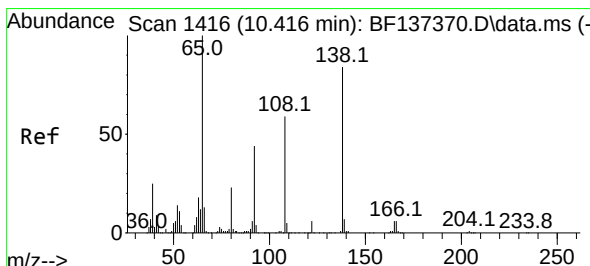
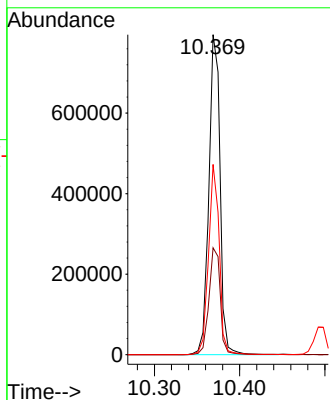
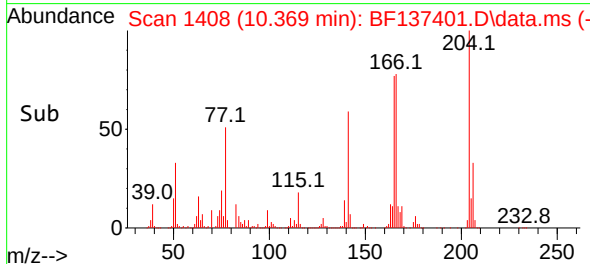
Instrument :
BNA_F
ClientSampleId :
PB159259BS



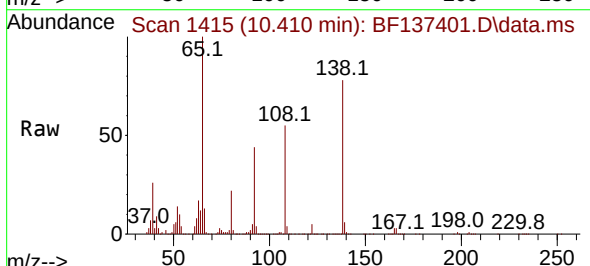
Tgt Ion:204 Resp: 72488
Ion Ratio Lower Upper
204 100
206 33.4 26.8 40.2
141 59.4 46.4 69.6

Manual Integrations
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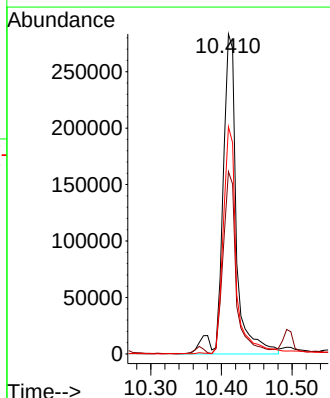
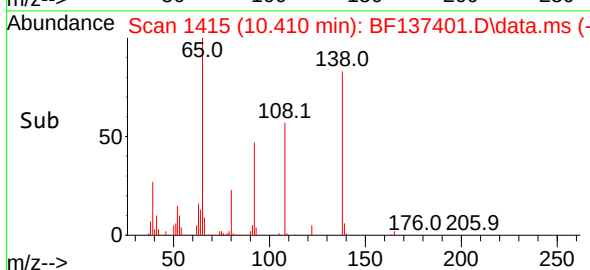
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

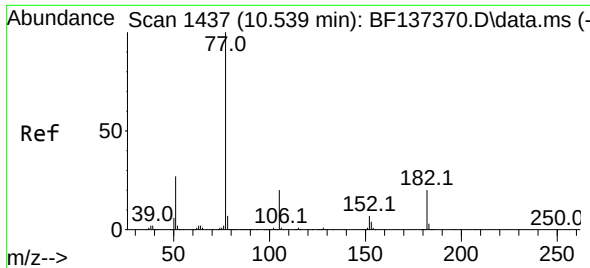


#62
4-Nitroaniline
Concen: 49.650 ng m
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17



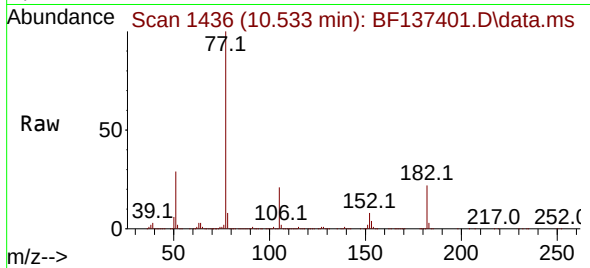
Tgt Ion:138 Resp: 380118
Ion Ratio Lower Upper
138 100
92 57.0 33.4 73.4
108 71.0 50.4 90.4





#63
Azobenzene
Concen: 43.320 ng
RT: 10.533 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

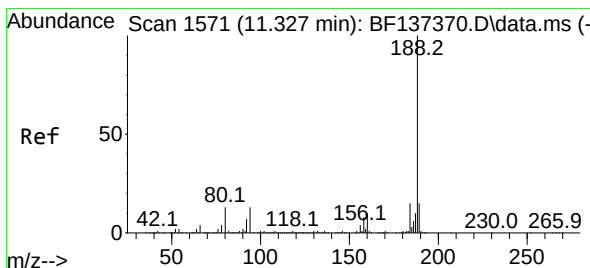
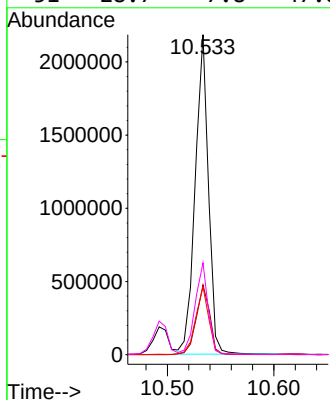
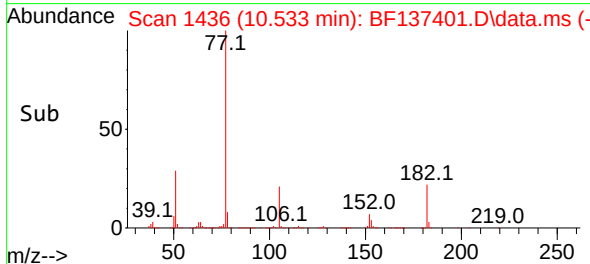
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion: 77 Resp: 1890489
Ion Ratio Lower Upper
77 100
182 21.8 0.0 39.6
105 21.3 0.4 40.4
51 28.7 7.8 47.8

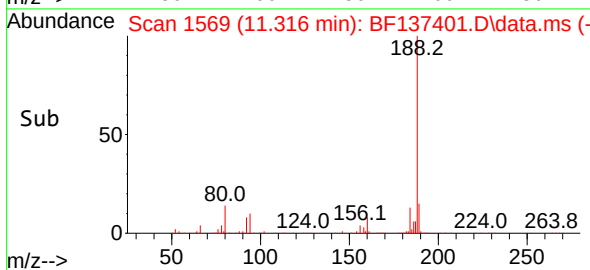
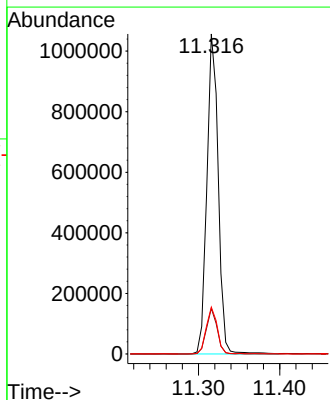
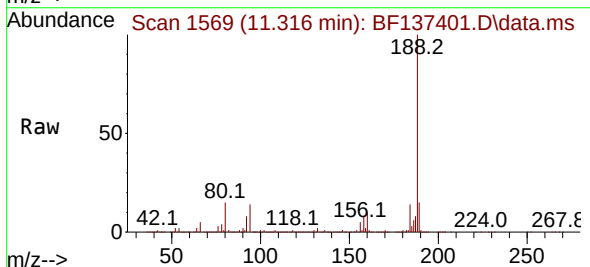
Manual Integrations
APPROVED

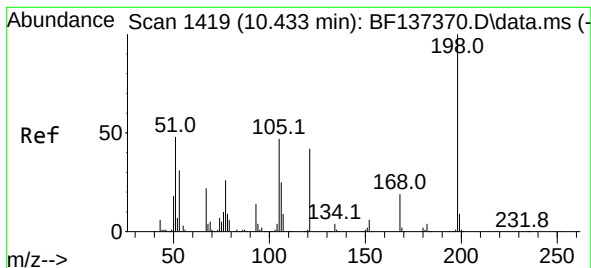
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

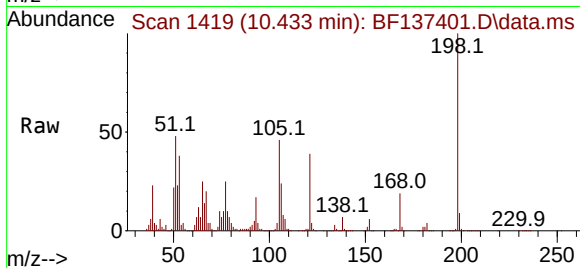
Tgt Ion:188 Resp: 1019439
Ion Ratio Lower Upper
188 100
94 14.3 10.2 15.2
80 14.7 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 52.120 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

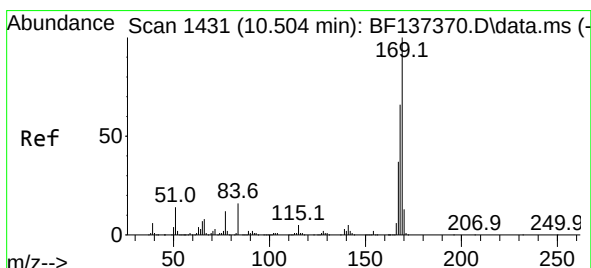
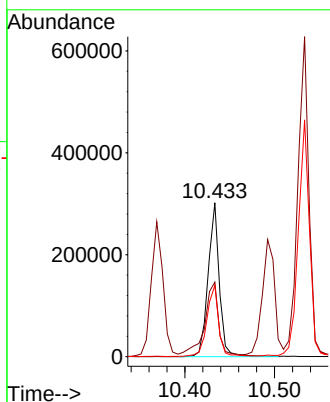
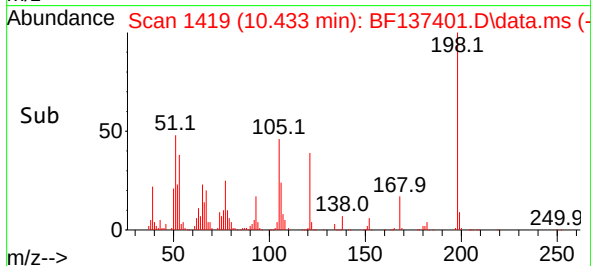
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion:198 Resp: 261940
Ion Ratio Lower Upper
198 100
51 48.5 36.8 76.8
105 46.3 28.5 68.5

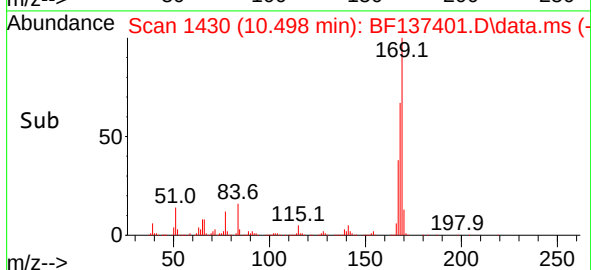
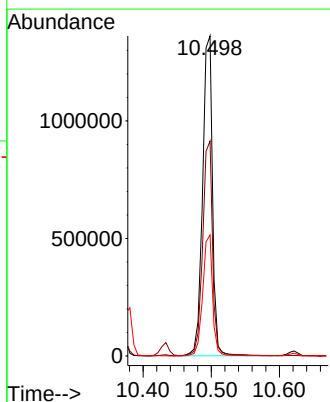
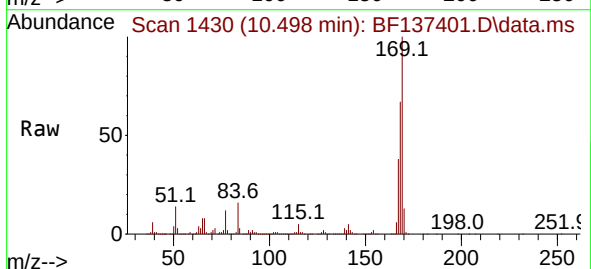
Manual Integrations
APPROVED

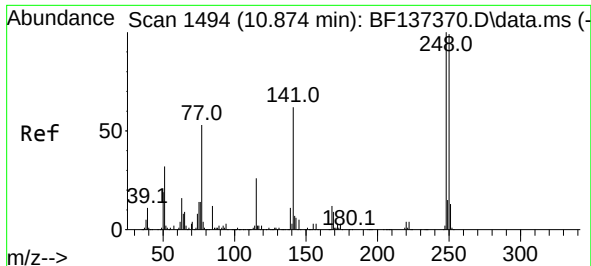
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#66
n-Nitrosodiphenylamine
Concen: 41.674 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

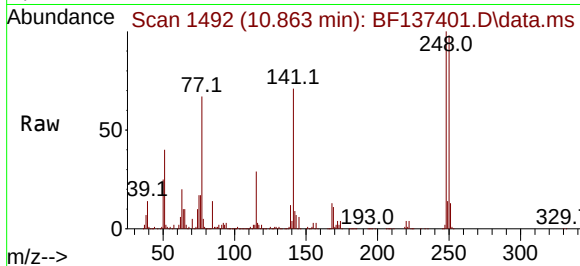
Tgt Ion:169 Resp: 1379745
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.4
167 37.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.969 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

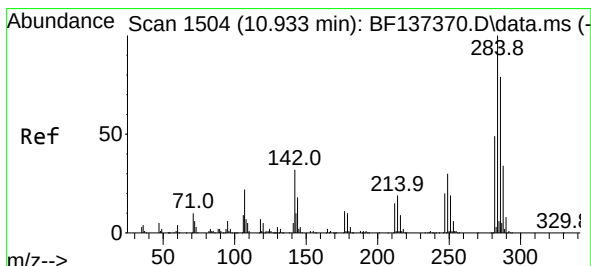
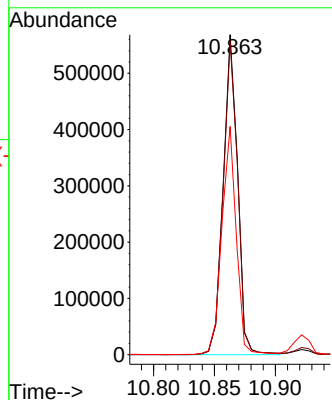
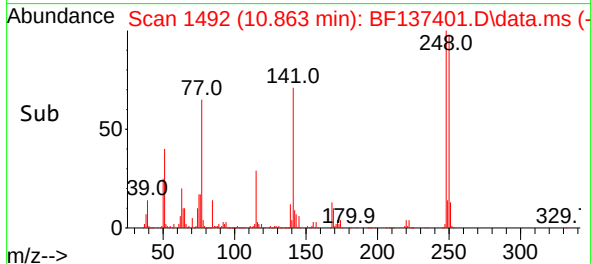
Instrument :
BNA_F
ClientSampleId :
PB159259BS



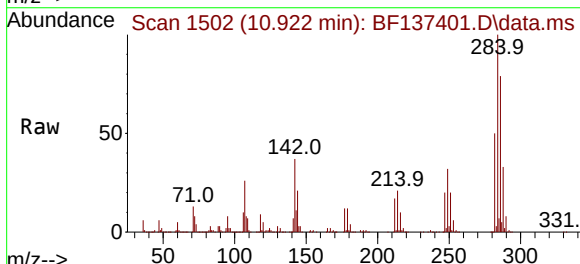
Tgt Ion:248 Resp: 470909
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.6
141 71.3 49.9 74.9

Manual Integrations
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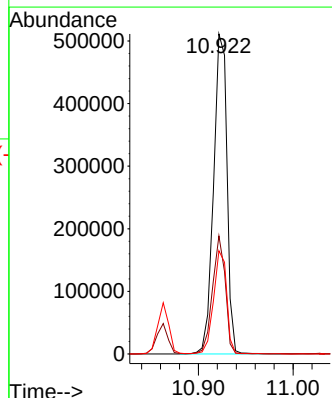
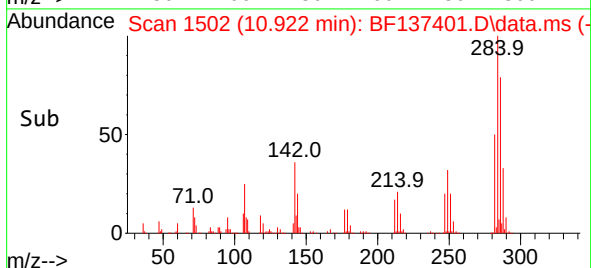
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

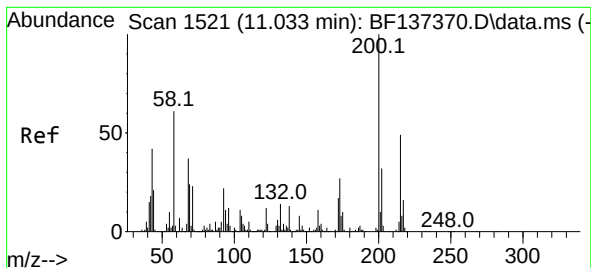


#68
Hexachlorobenzene
Concen: 44.292 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17



Tgt Ion:284 Resp: 502147
Ion Ratio Lower Upper
284 100
142 36.9 25.4 38.0
249 32.2 24.2 36.4





#69

Atrazine

Concen: 47.192 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS

Tgt Ion:200 Resp: 421662

Ion Ratio Lower Upper

200 100

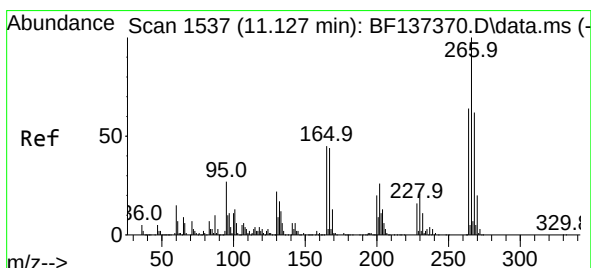
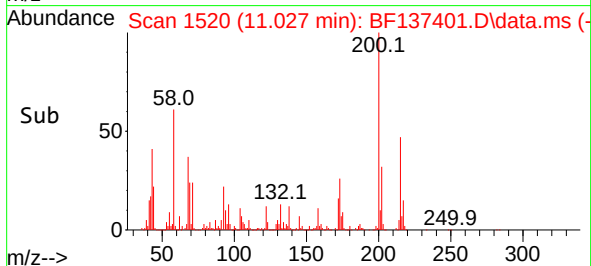
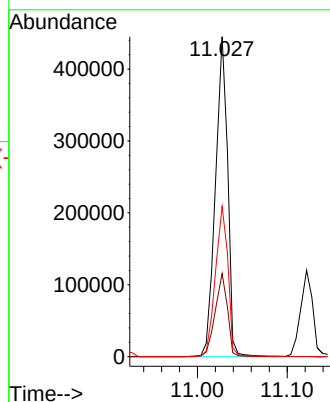
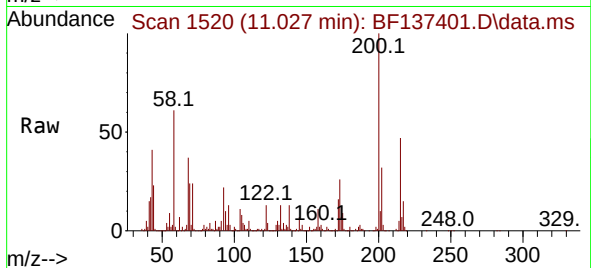
173 26.0 6.8 46.8

215 47.0 29.4 69.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#70

Pentachlorophenol

Concen: 86.517 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

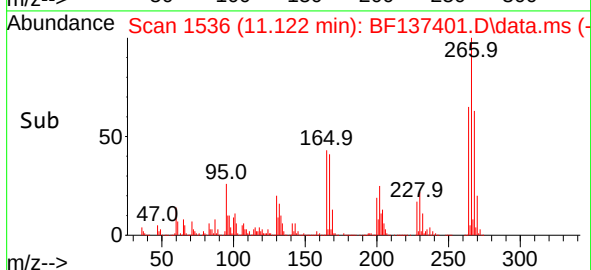
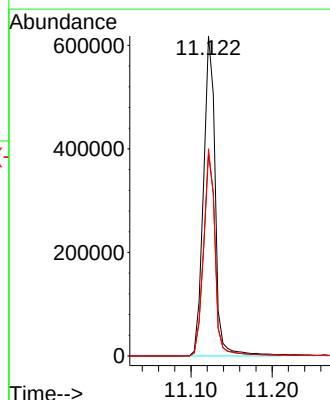
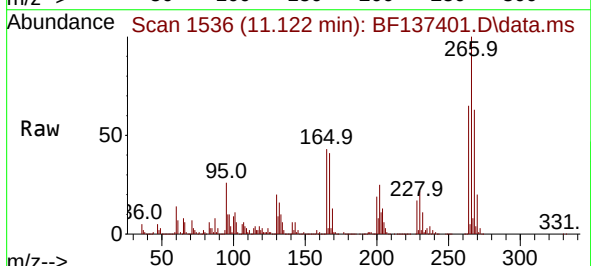
Tgt Ion:266 Resp: 621446

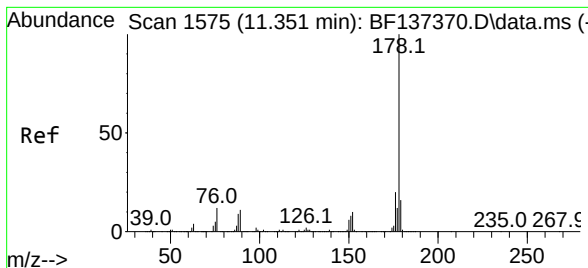
Ion Ratio Lower Upper

266 100

268 63.1 49.4 74.2

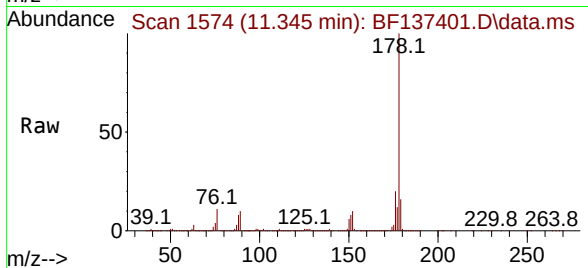
264 64.7 51.3 76.9





#71
Phenanthrene
Concen: 40.811 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

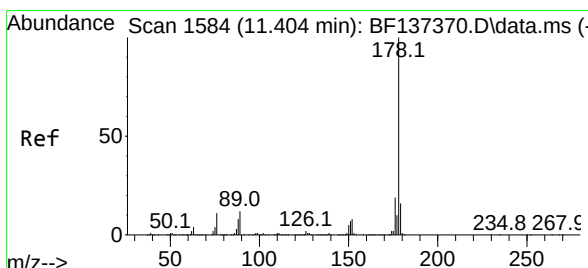
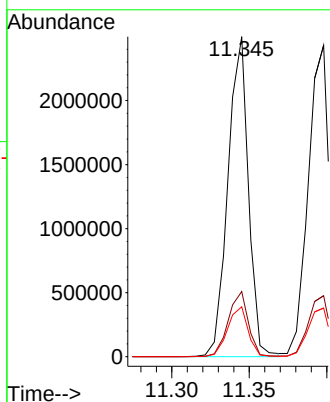
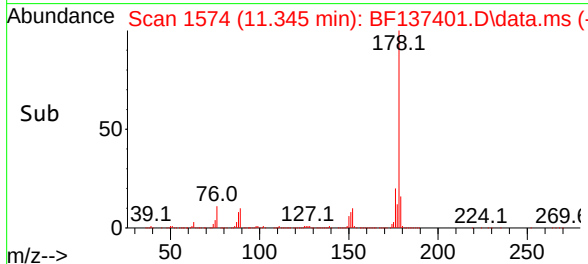
Instrument :
BNA_F
ClientSampleId :
PB159259BS



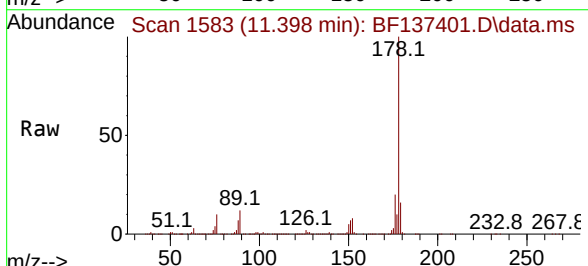
Tgt Ion:178 Resp: 2295374
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 15.6 12.7 19.1

Manual Integrations
APPROVED

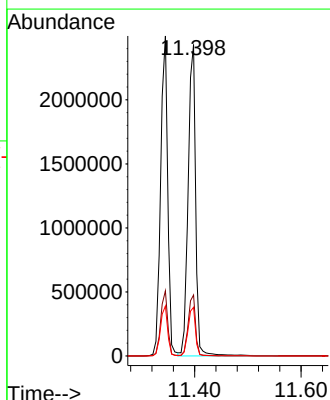
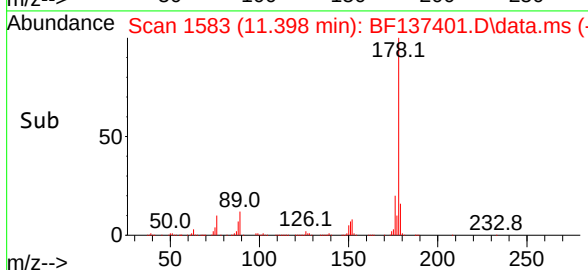
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

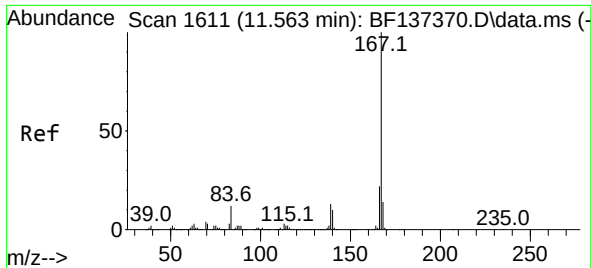


#72
Anthracene
Concen: 41.016 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17



Tgt Ion:178 Resp: 2377385
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.6 18.8





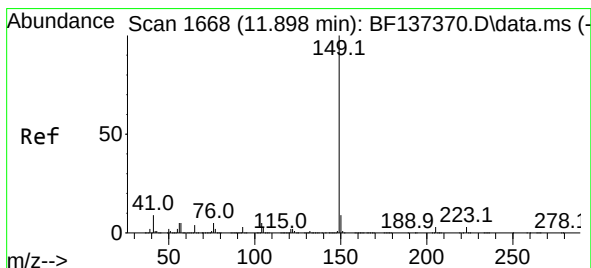
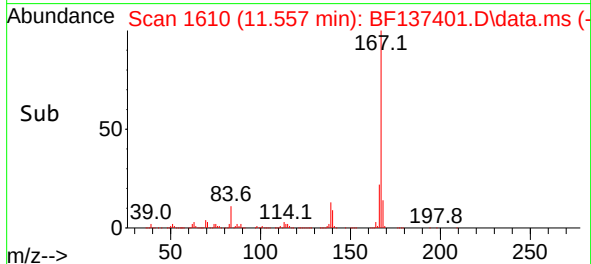
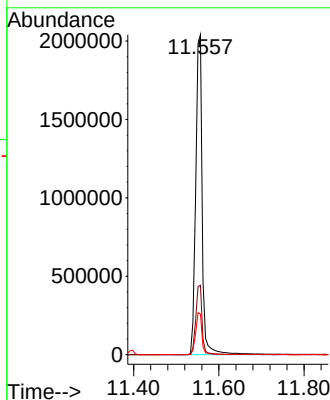
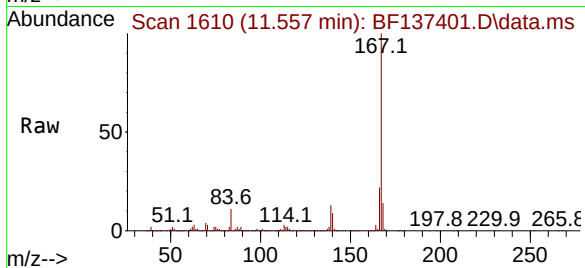
#73
Carbazole
Concen: 43.673 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159259BS

Tgt Ion:167 Resp: 2162808
Ion Ratio Lower Upper
167 100
166 21.7 17.8 26.6
139 12.7 10.0 15.0

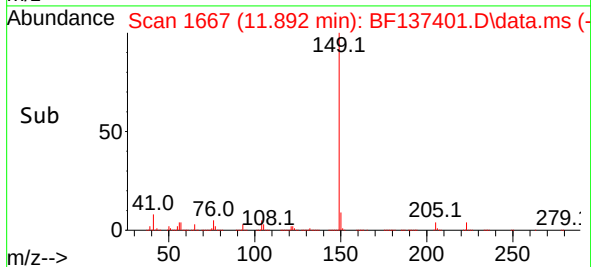
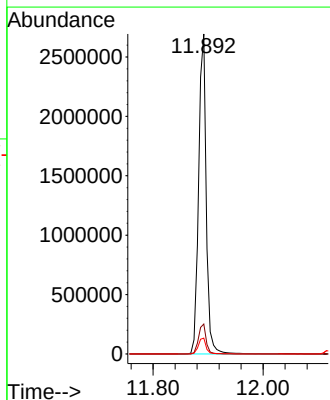
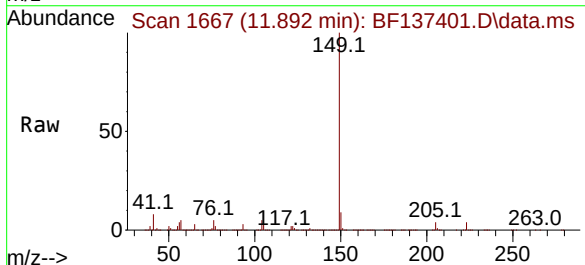
Manual Integrations
APPROVED

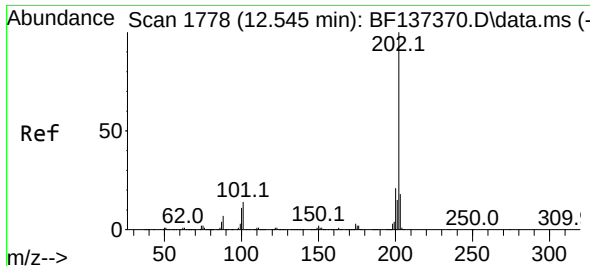
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#74
Di-n-butylphthalate
Concen: 52.387 ng
RT: 11.892 min Scan# 1667
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

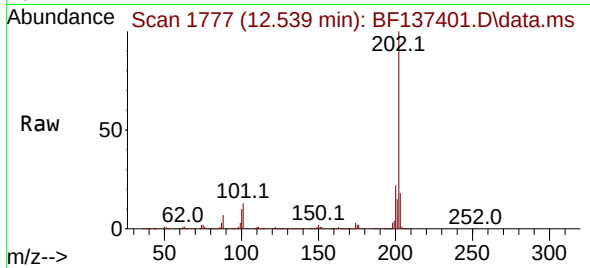
Tgt Ion:149 Resp: 2595929
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.9 4.2 6.2





#75
Fluoranthene
Concen: 43.388 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

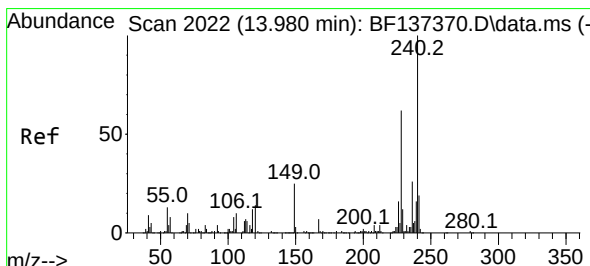
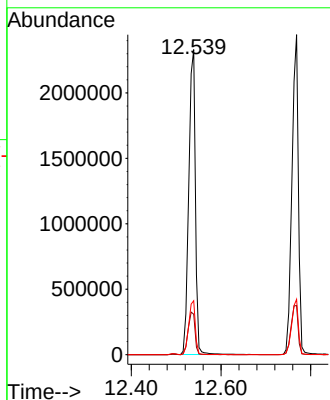
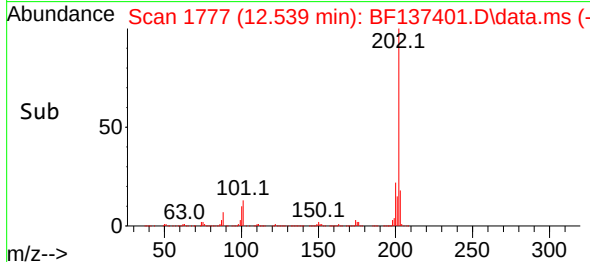
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion:202 Resp: 238203
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.9
203 17.7 0.0 37.8

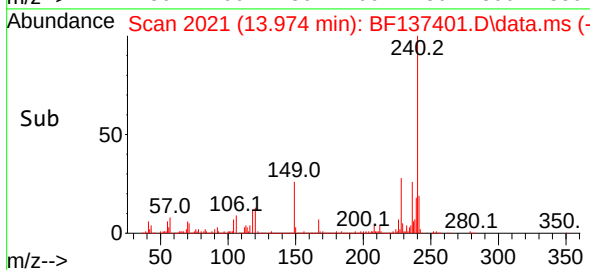
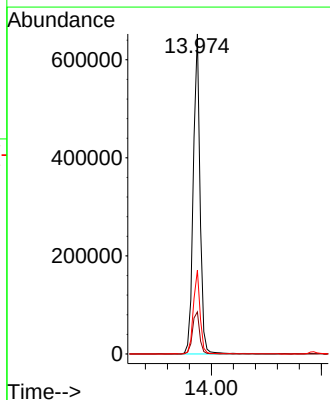
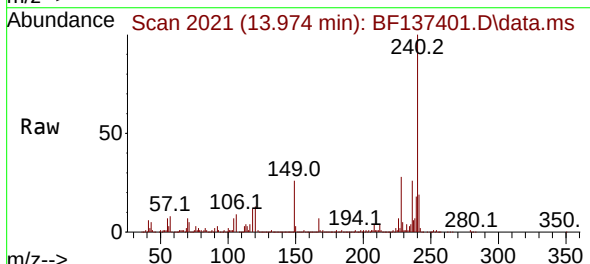
Manual Integrations
APPROVED

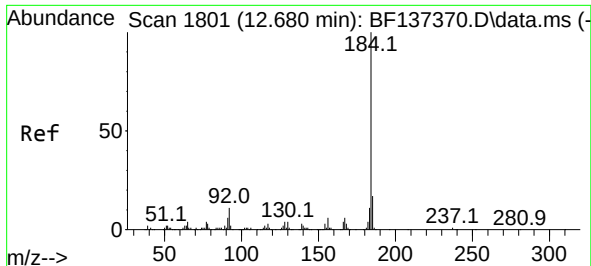
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:240 Resp: 553210
Ion Ratio Lower Upper
240 100
120 13.2 11.3 16.9
236 26.1 20.5 30.7





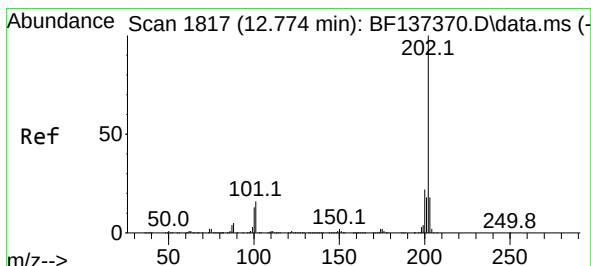
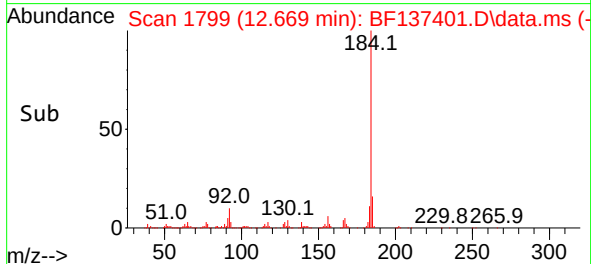
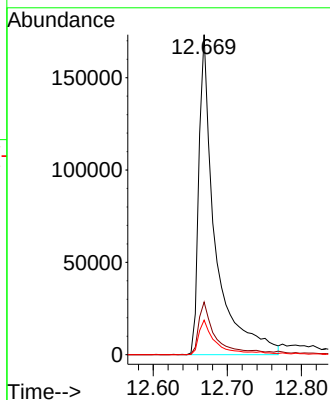
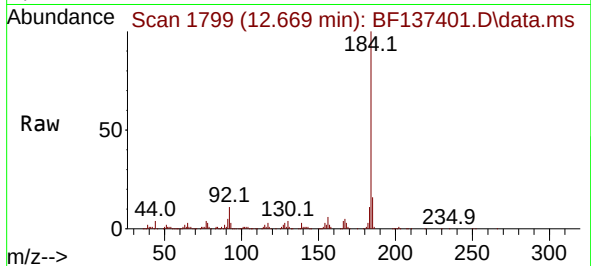
#77
Benzidine
Concen: 30.972 ng
RT: 12.669 min Scan# 1801
Delta R.T. -0.011 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159259BS

Tgt Ion:184 Resp: 265408
Ion Ratio Lower Upper
184 100
185 16.5 13.7 20.5
183 10.8 8.8 13.2

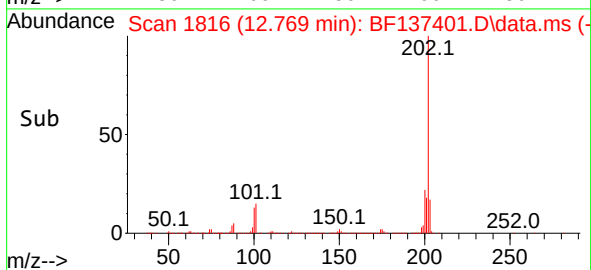
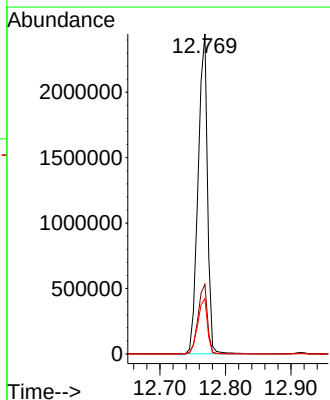
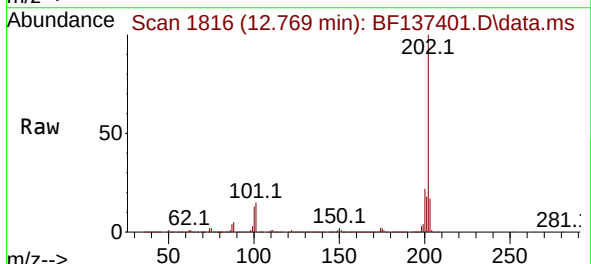
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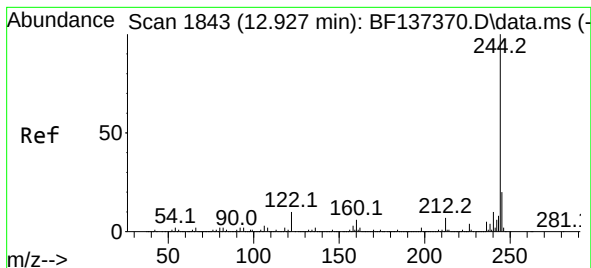
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#78
Pyrene
Concen: 46.534 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:202 Resp: 2434187
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 88.255 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF137401.D

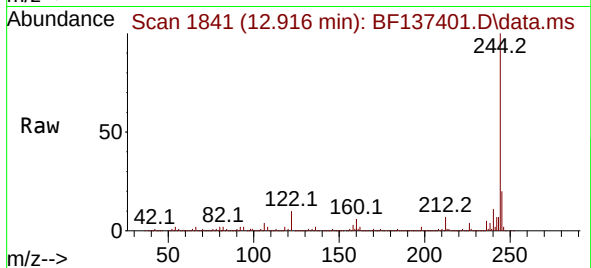
Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS



Tgt Ion:244 Resp: 349066

Ion Ratio Lower Upper

244 100

212 7.0 5.3 7.9

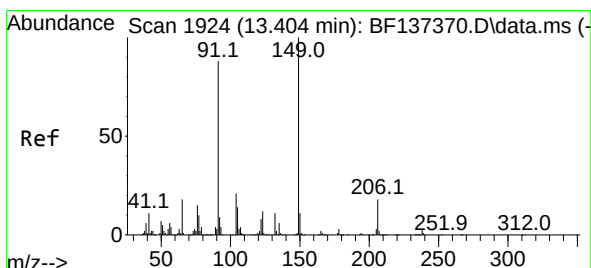
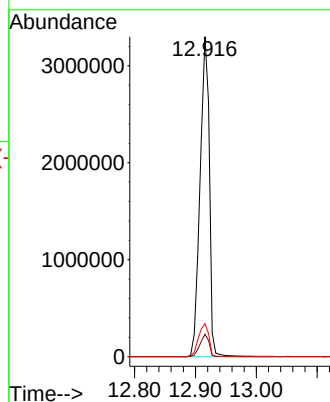
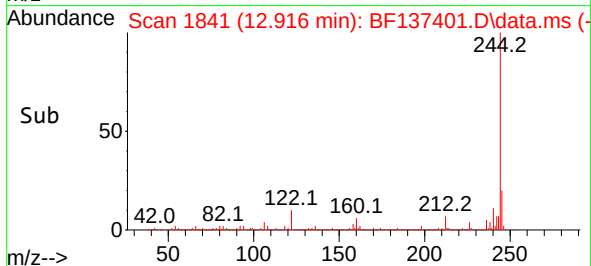
122 10.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024

Supervised By :mohammad ahmed 02/29/2024



#80

Butylbenzylphthalate

Concen: 68.245 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

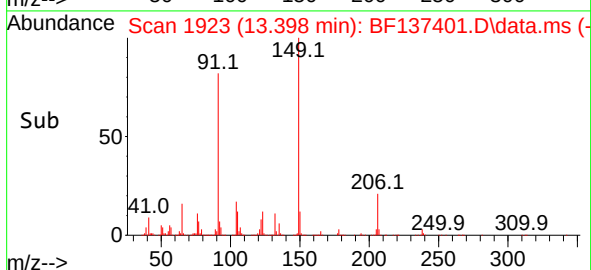
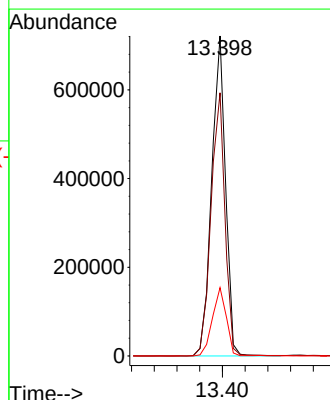
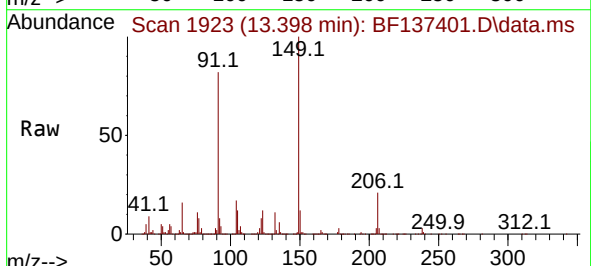
Tgt Ion:149 Resp: 608588

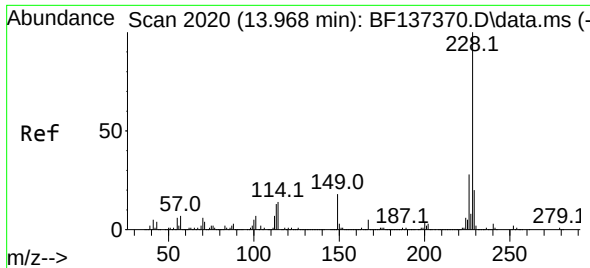
Ion Ratio Lower Upper

149 100

91 82.3 70.5 105.7

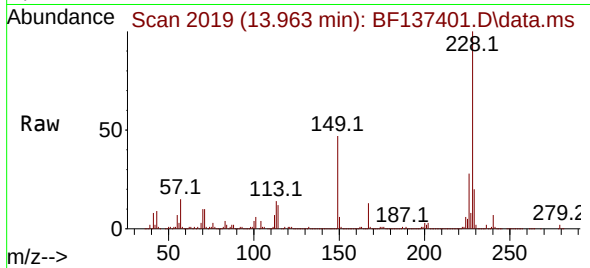
206 21.3 14.8 22.2





#81
Benzo(a)anthracene
Concen: 46.055 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

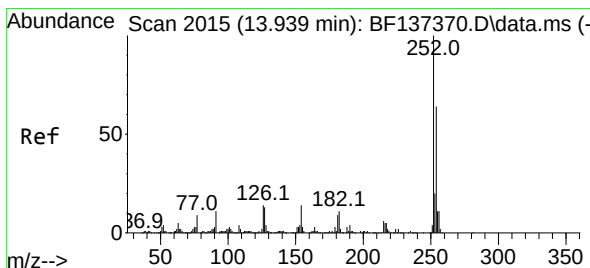
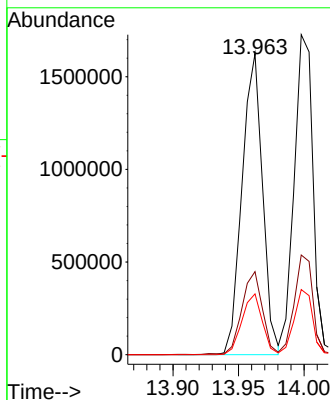
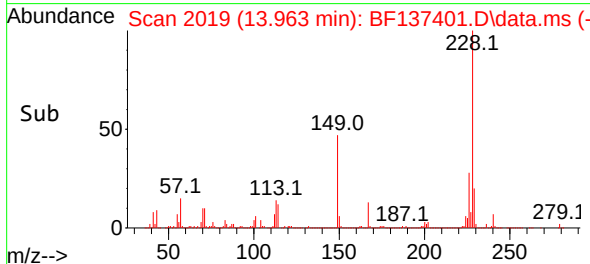
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion:228 Resp: 176795
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.2 15.7 23.5

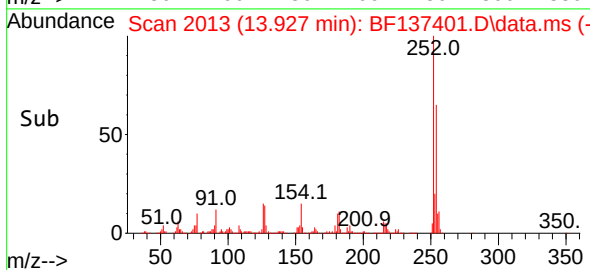
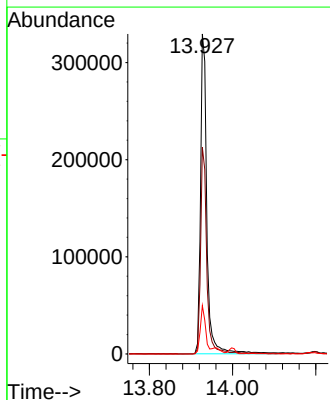
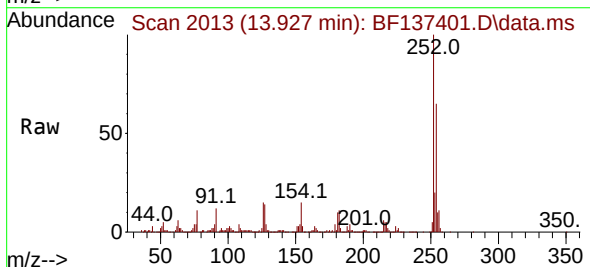
Manual Integrations
APPROVED

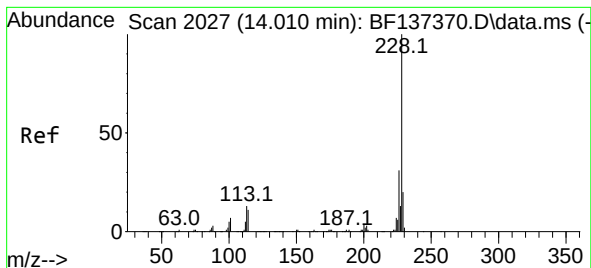
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.066 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:252 Resp: 350346
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 15.1 11.1 16.7





#83

Chrysene

Concen: 44.719 ng

RT: 13.998 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS

Tgt Ion:228 Resp: 1753654

Ion Ratio Lower Upper

228 100

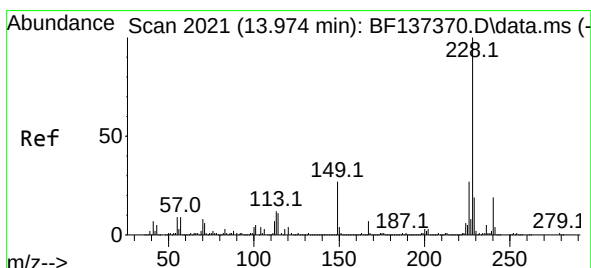
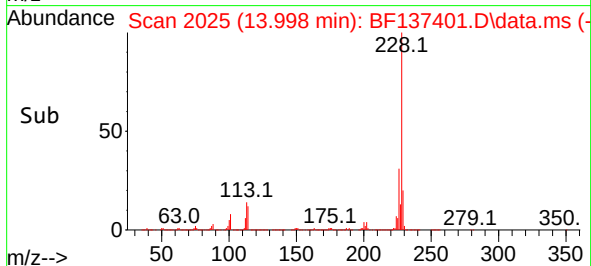
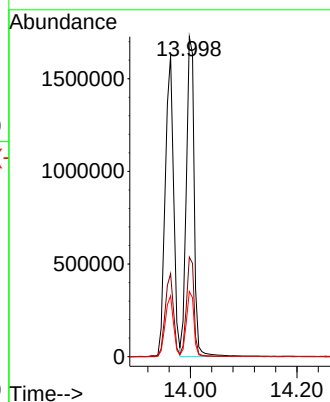
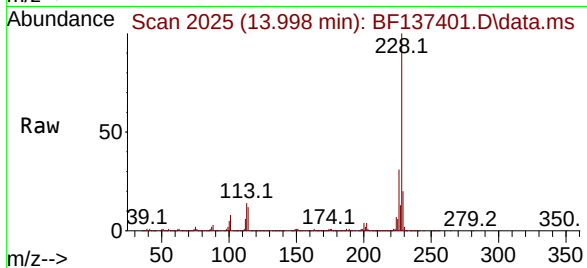
226 31.1 24.6 37.0

229 20.3 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.975 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.011 min

Lab File: BF137401.D

Acq: 27 Feb 2024 13:17

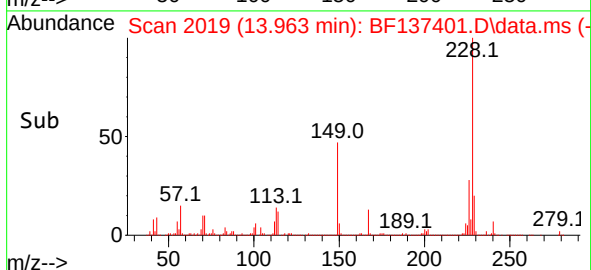
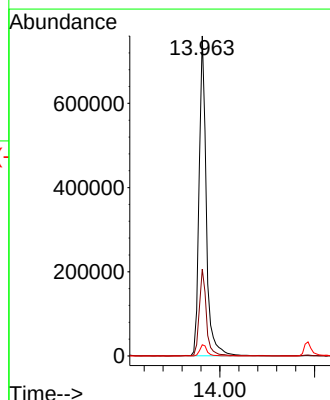
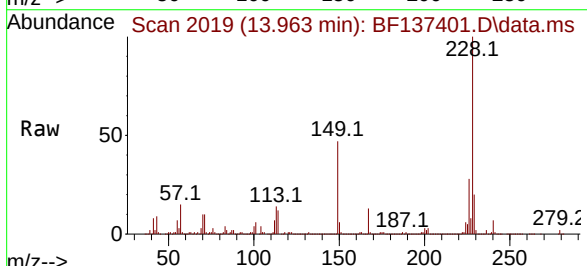
Tgt Ion:149 Resp: 796486

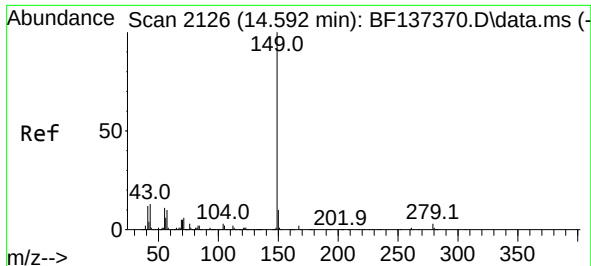
Ion Ratio Lower Upper

149 100

167 27.2 20.6 31.0

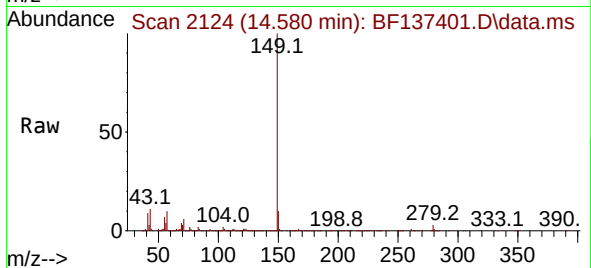
279 3.5 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 66.981 ng
RT: 14.580 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

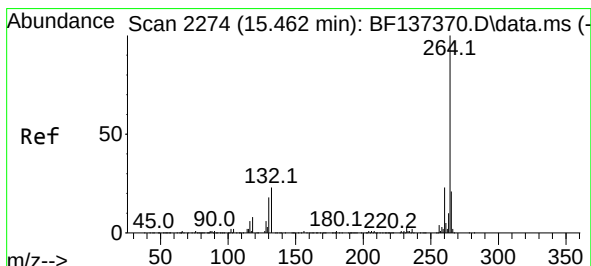
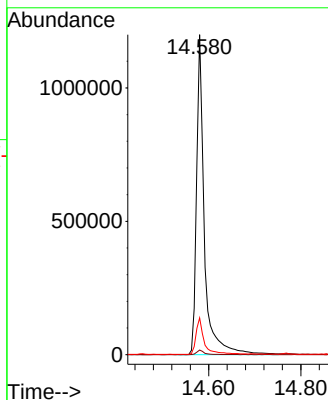
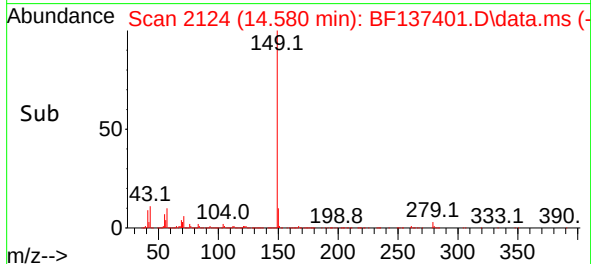
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion:149 Resp: 141141
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 12.0 13.7 20.5

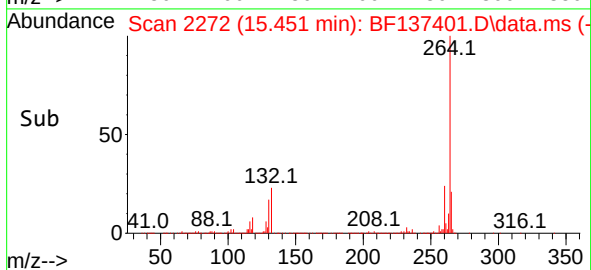
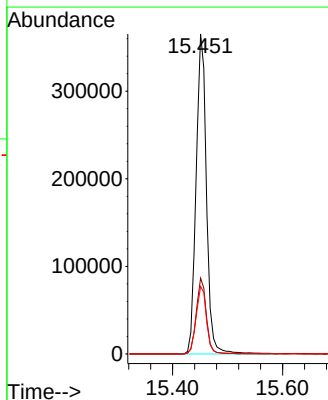
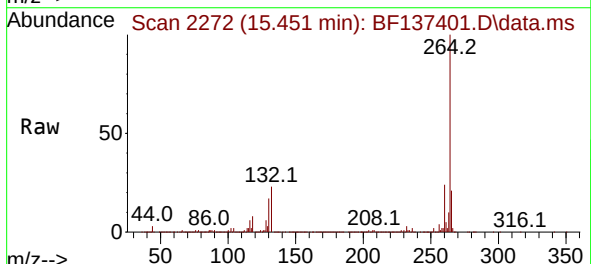
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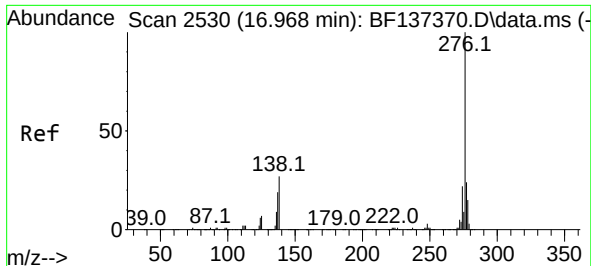
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:264 Resp: 478902
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 21.1 16.9 25.3





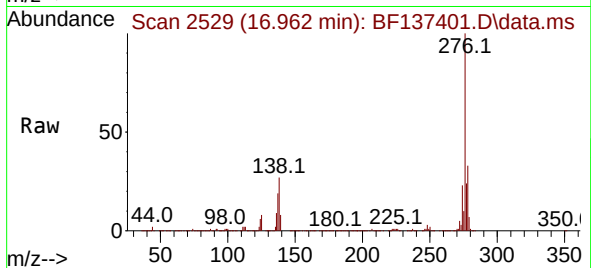
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.337 ng
 RT: 16.962 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF137401.D
 Acq: 27 Feb 2024 13:17

Instrument :

BNA_F

ClientSampleId :

PB159259BS

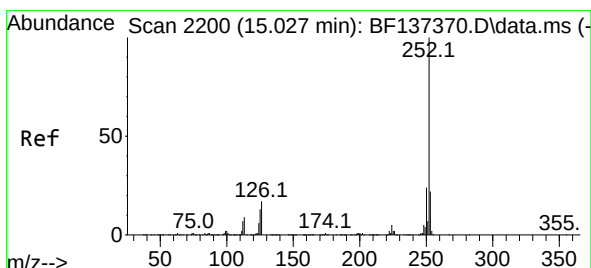
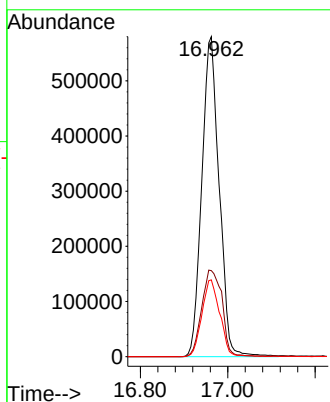
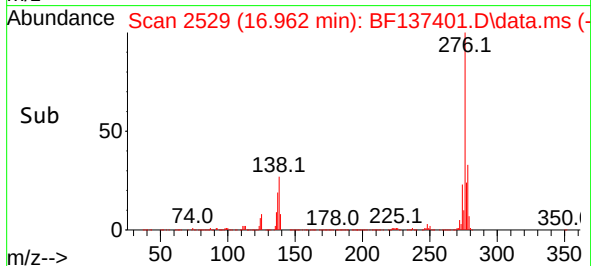


Tgt Ion:276 Resp: 160332
 Ion Ratio Lower Upper
 276 100
 138 31.8 25.8 38.8
 277 24.9 19.6 29.4

Manual Integrations

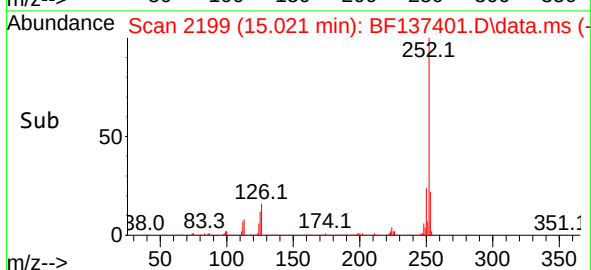
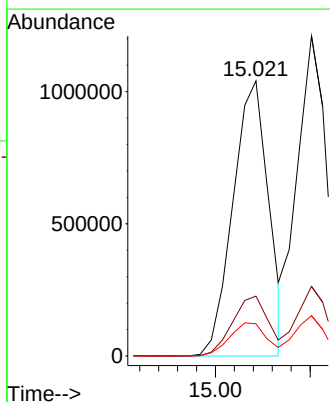
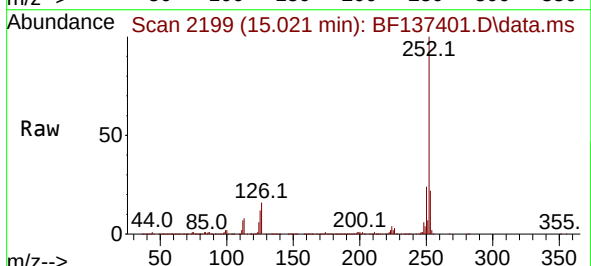
APPROVED

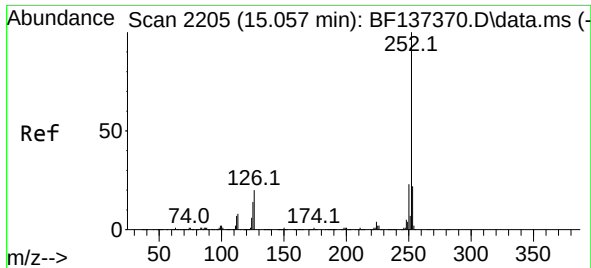
Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024



#88
 Benzo(b)fluoranthene
 Concen: 46.216 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF137401.D
 Acq: 27 Feb 2024 13:17

Tgt Ion:252 Resp: 1357747
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.2
 125 11.7 10.2 15.2





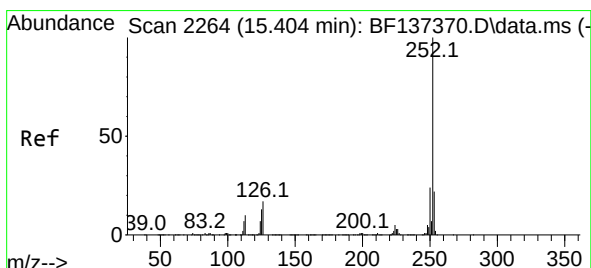
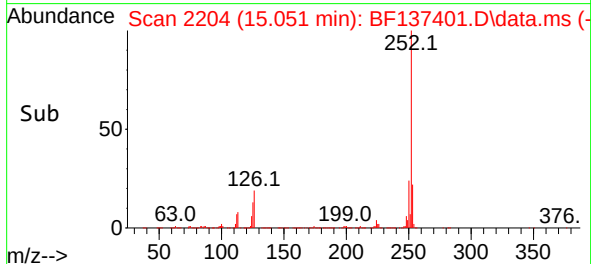
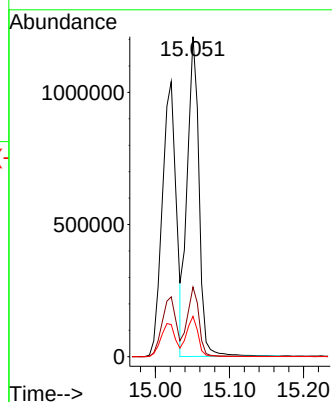
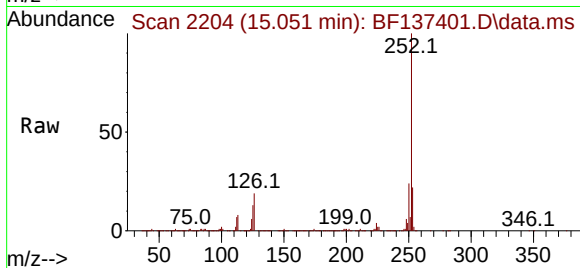
#89
Benzo(k)fluoranthene
Concen: 43.541 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Instrument :
BNA_F
ClientSampleId :
PB159259BS

Tgt Ion:252 Resp: 1340688
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 12.6 10.7 16.1

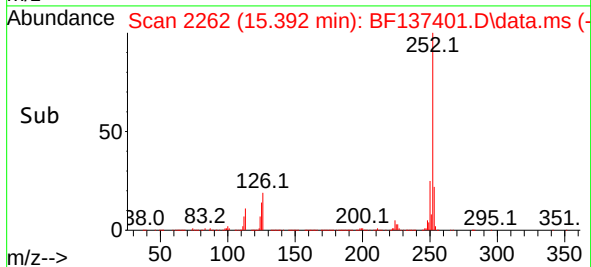
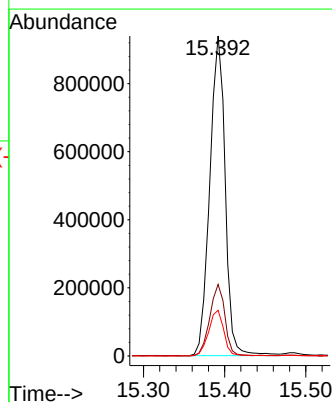
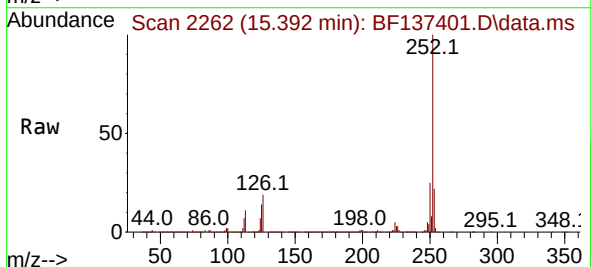
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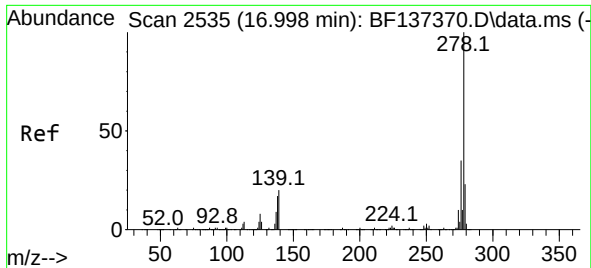
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#90
Benzo(a)pyrene
Concen: 44.462 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

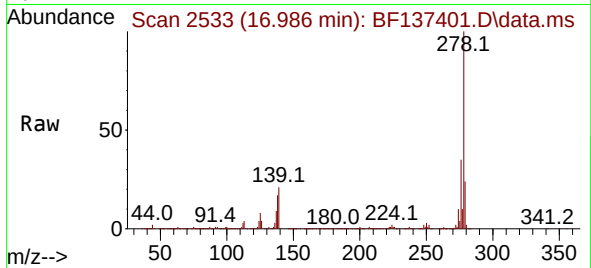
Tgt Ion:252 Resp: 1238993
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 14.3 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 47.498 ng
RT: 16.986 min Scan# 2533
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

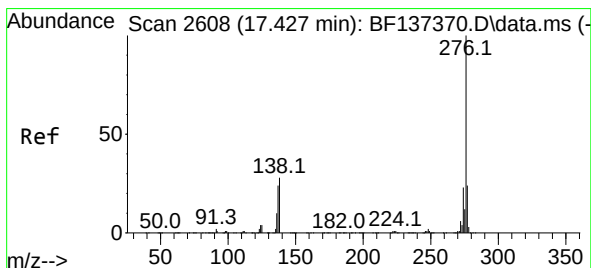
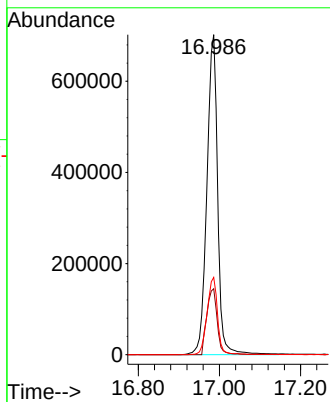
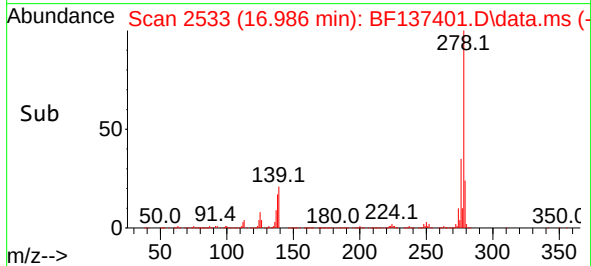
Instrument :
BNA_F
ClientSampleId :
PB159259BS



Tgt Ion:278 Resp: 1290039
Ion Ratio Lower Upper
278 100
139 20.6 16.2 24.4
279 24.2 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#92
Benzo(g,h,i)perylene
Concen: 45.591 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.012 min
Lab File: BF137401.D
Acq: 27 Feb 2024 13:17

Tgt Ion:276 Resp: 1277580
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 29.0 22.6 33.8

