

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137408.D
 Acq On : 27 Feb 2024 16:45
 Operator : CG\JU
 Sample : P1524-09MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MS

Quant Time: Feb 27 17:14:58 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	6.781	152	224516	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	875750	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	456871	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	662087	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	381218	20.000	ng	-0.01
86) Perylene-d12	15.451	264	451295	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	806258	55.412	ng	-0.01
7) Phenol-d6	6.422	99	645398	30.153	ng	-0.02
23) Nitrobenzene-d5	7.351	82	1598947	91.152	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	454150	114.152	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2410624	82.145	ng	-0.01
79) Terphenyl-d14	12.910	244	1978542	72.592	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	111891	14.038	ng	98
3) Pyridine	3.334	79	144330	8.756	ng	96
4) n-Nitrosodimethylamine	3.275	42	92495	15.888	ng	# 97
6) Aniline	6.451	93	201161	7.925	ng	94
8) 2-Chlorophenol	6.569	128	574361	36.803	ng	100
9) Benzaldehyde	6.334	77	88743	8.612	ng	96
10) Phenol	6.434	94	267232	11.408	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	746770	43.872	ng	97
12) 1,3-Dichlorobenzene	6.722	146	679579	40.550	ng	100
13) 1,4-Dichlorobenzene	6.798	146	698087	40.458	ng	99
14) 1,2-Dichlorobenzene	6.951	146	671988	42.104	ng	98
15) Benzyl Alcohol	6.928	79	335286	26.279	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1293766	45.728	ng	100
17) 2-Methylphenol	7.045	107	372065	25.197	ng	97
18) Hexachloroethane	7.292	117	231180	38.881	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	585864	44.419	ng	98
20) 3+4-Methylphenols	7.192	107	379864	22.571	ng	# 32
22) Acetophenone	7.192	105	1011873	47.649	ng	# 93
24) Nitrobenzene	7.369	77	837551	46.990	ng	98
25) Isophorone	7.604	82	1638565	45.170	ng	99
26) 2-Nitrophenol	7.681	139	350077	51.194	ng	94
27) 2,4-Dimethylphenol	7.722	122	454751	34.086	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	958869	45.859	ng	98
29) 2,4-Dichlorophenol	7.922	162	538490	43.065	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	593475	44.219	ng	98
31) Naphthalene	8.086	128	1980546	42.142	ng	99
32) Benzoic acid	7.828	122	101835	17.619	ng	99
33) 4-Chloroaniline	8.139	127	103324	5.780	ng	96
34) Hexachlorobutadiene	8.204	225	343813	43.122	ng	99
35) Caprolactam	8.516	113	24051	6.220	ng	93
36) 4-Chloro-3-methylphenol	8.616	107	518457	36.574	ng	98
37) 2-Methylnaphthalene	8.775	142	1239627	40.934	ng	100
38) 1-Methylnaphthalene	8.875	142	1175787	41.065	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	600031	47.684	ng	98
41) Hexachlorocyclopentadiene	8.927	237	278203	48.763	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	380080	46.585	ng	99

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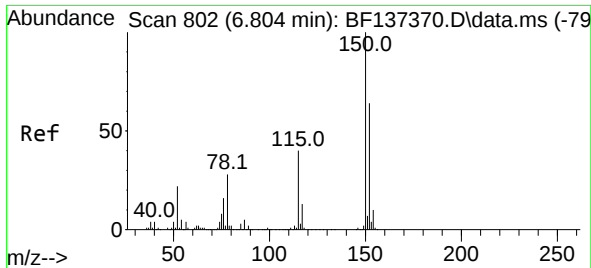
Quant Time: Feb 27 17:14:58 2024
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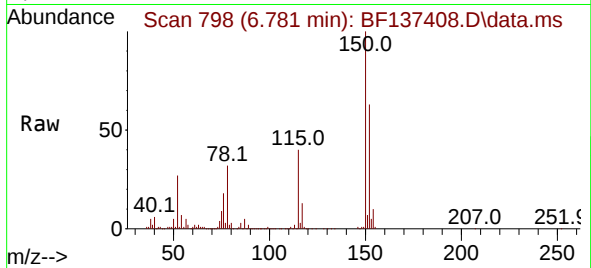
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	392840	41.969	ng	98
46) 1,1'-Biphenyl	9.245	154	1531957	46.039	ng	99
47) 2-Chloronaphthalene	9.269	162	1191440	47.412	ng	99
48) 2-Nitroaniline	9.369	65	378518	49.453	ng	97
49) Acenaphthylene	9.680	152	1866022	45.704	ng	99
50) Dimethylphthalate	9.551	163	1441766	45.670	ng	100
51) 2,6-Dinitrotoluene	9.610	165	302646	51.531	ng	# 87
52) Acenaphthene	9.857	154	1055079	43.291	ng	99
53) 3-Nitroaniline	9.780	138	120762	19.470	ng	98
54) 2,4-Dinitrophenol	9.886	184	221302	76.602	ng	98
55) Dibenzofuran	10.027	168	1612523	42.809	ng	98
56) 4-Nitrophenol	9.945	139	98725	23.484	ng	94
57) 2,4-Dinitrotoluene	10.016	165	362267	48.771	ng	96
58) Fluorene	10.374	166	1177497	40.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	326322m	42.099	ng	
60) Diethylphthalate	10.251	149	1368807	46.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	584891	41.333	ng	97
62) 4-Nitroaniline	10.398	138	196149	32.331	ng	98
63) Azobenzene	10.527	77	1502809	42.615	ng	98
65) 4,6-Dinitro-2-methylph...	10.421	198	157384	48.555	ng	94
66) n-Nitrosodiphenylamine	10.486	169	1072821	49.893	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	363509	51.071	ng	# 93
68) Hexachlorobenzene	10.916	284	368697	50.074	ng	93
69) Atrazine	11.021	200	315403	54.352	ng	99
70) Pentachlorophenol	11.116	266	385983	82.739	ng	99
71) Phenanthrene	11.339	178	1627923	44.566	ng	99
72) Anthracene	11.392	178	1657551	44.032	ng	99
73) Carbazole	11.545	167	1356874	42.187	ng	99
74) Di-n-butylphthalate	11.886	149	1970501	61.228	ng	99
75) Fluoranthene	12.533	202	1409964	39.543	ng	100
77) Benzidine	12.668	184	32999	11.271	ng	97
78) Pyrene	12.757	202	1414931	39.252	ng	100
80) Butylbenzylphthalate	13.392	149	449065	71.508	ng	94
81) Benzo(a)anthracene	13.957	228	1245460	47.081	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	257065	42.336	ng	99
83) Chrysene	13.992	228	1268918	46.957	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	685739	82.104	ng	98
85) Di-n-octyl phthalate	14.580	149	1385119	82.874	ng	# 90
87) Indeno(1,2,3-cd)pyrene	16.945	276	1051133	34.197	ng	100
88) Benzo(b)fluoranthene	15.015	252	1292303	46.679	ng	99
89) Benzo(k)fluoranthene	15.045	252	1333886	45.970	ng	99
90) Benzo(a)pyrene	15.386	252	1192647	45.417	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	868591	34.373	ng	98
92) Benzo(g,h,i)perylene	17.398	276	757575	29.455	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

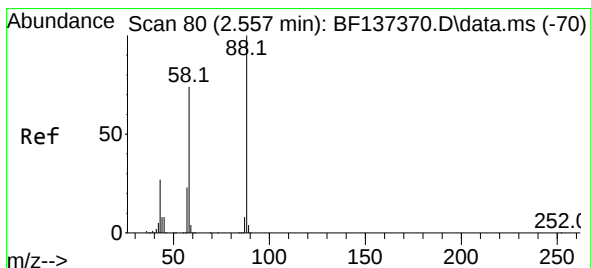
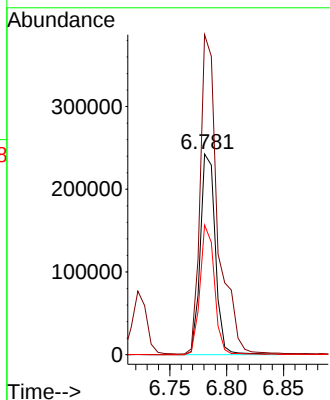
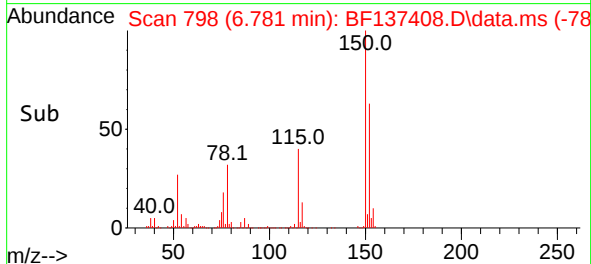
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:152 Resp: 224510
Ion Ratio Lower Upper
152 100
150 159.5 125.7 188.5
115 64.6 49.8 74.8

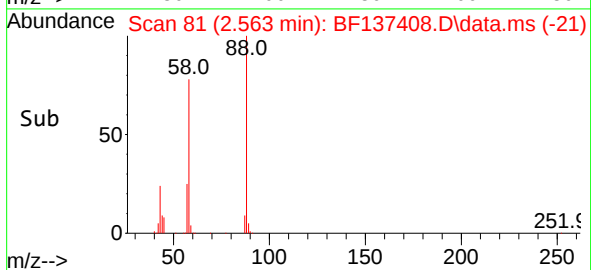
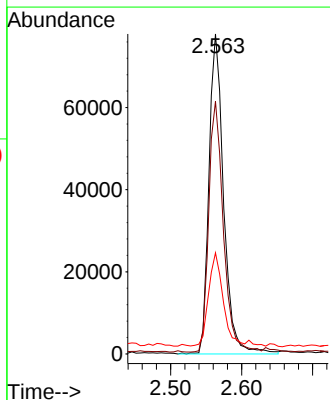
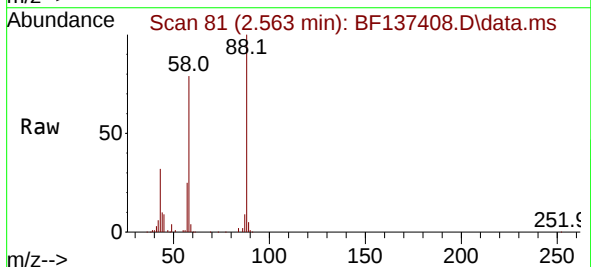
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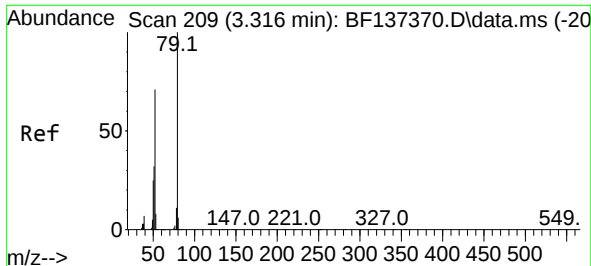
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#2
1,4-Dioxane
Concen: 14.038 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion: 88 Resp: 111891
Ion Ratio Lower Upper
88 100
58 78.0 60.6 91.0
43 28.6 22.0 33.0





#3

Pyridine

Concen: 8.756 ng

RT: 3.334 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

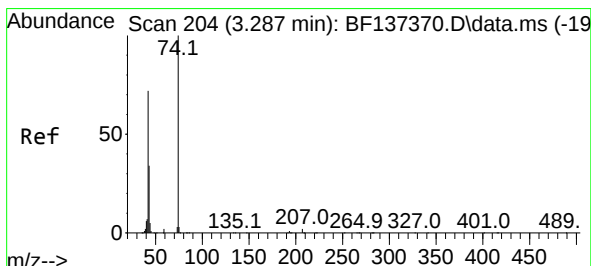
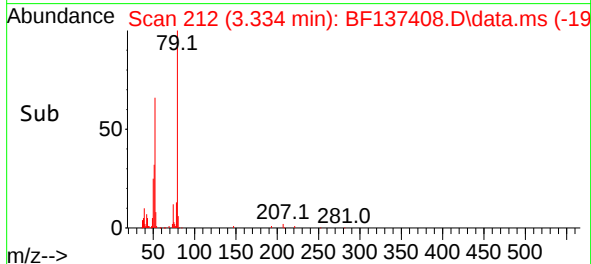
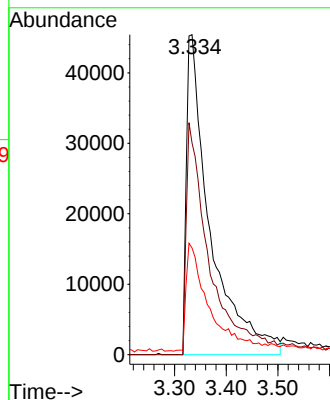
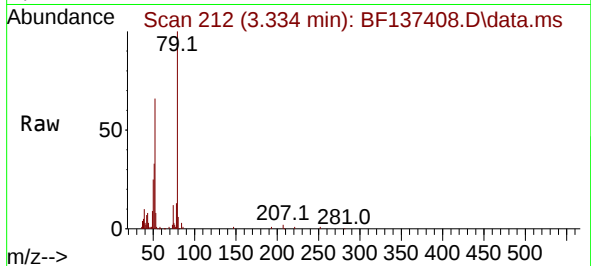
20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion: 79 Resp: 144330
 Ion Ratio Lower Upper
 79 100
 52 66.1 56.5 84.7
 51 33.3 26.2 39.2

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 Supervised By :mohammad ahmed 02/29/2024



#4

n-Nitrosodimethylamine

Concen: 15.888 ng

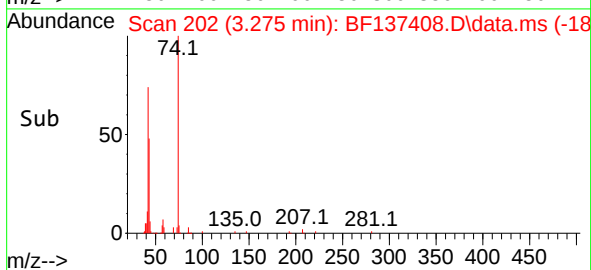
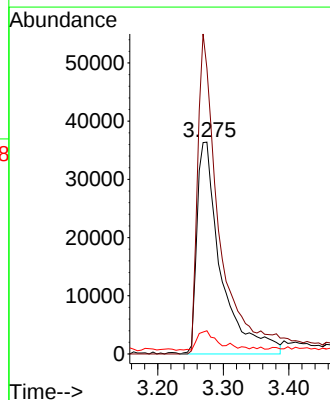
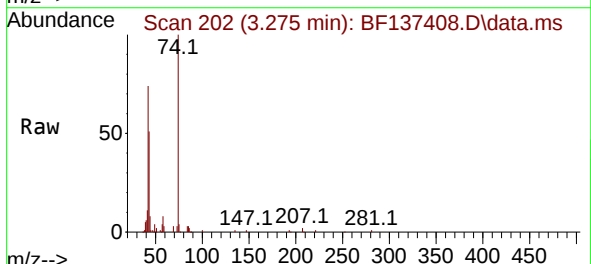
RT: 3.275 min Scan# 202

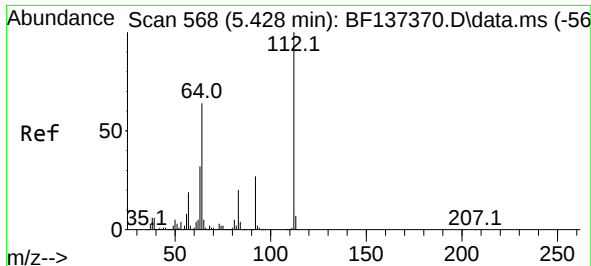
Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

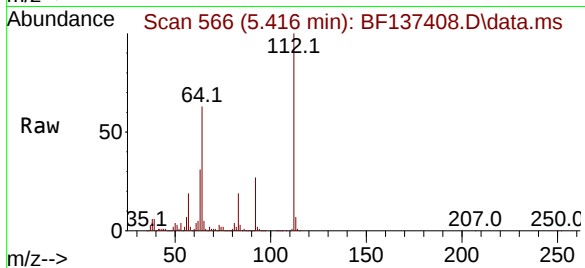
Tgt Ion: 42 Resp: 92495
 Ion Ratio Lower Upper
 42 100
 74 134.8 110.8 166.2
 44 11.0 6.0 9.0





#5
2-Fluorophenol
Concen: 55.412 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

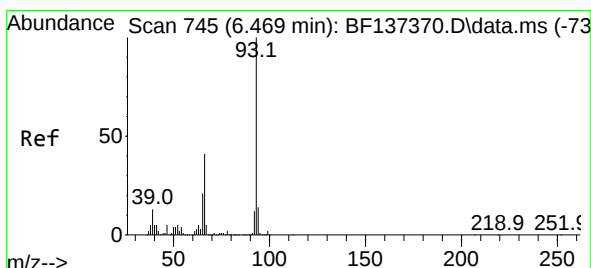
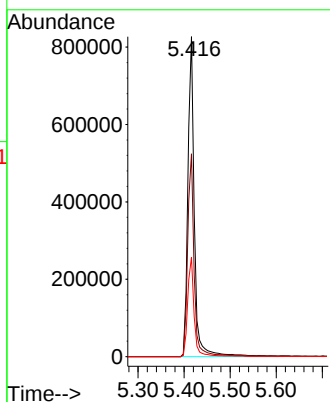
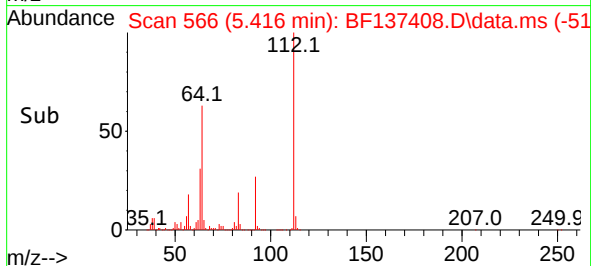
Instrument :
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Tgt Ion:112 Resp: 80625
Ion Ratio Lower Upper
112 100
64 63.4 51.0 76.6
63 31.1 25.7 38.5

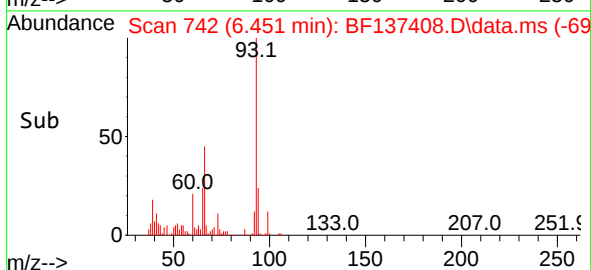
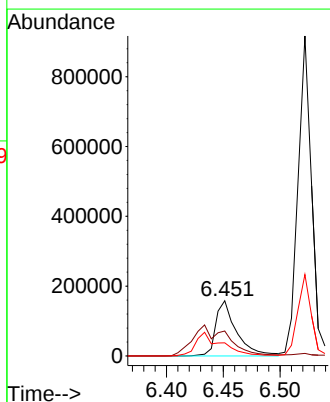
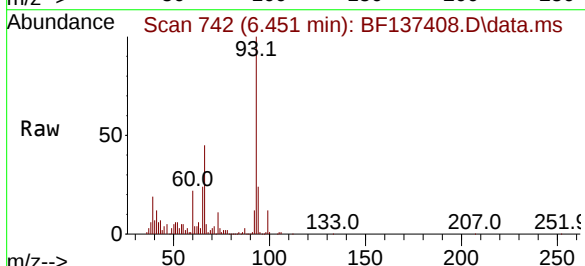
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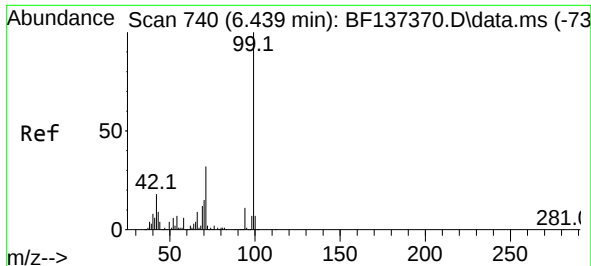
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#6
Aniline
Concen: 7.925 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion: 93 Resp: 201161
Ion Ratio Lower Upper
93 100
66 45.3 33.0 49.4
65 23.8 17.0 25.6





#7

Phenol-d6

Concen: 30.153 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF137408.D

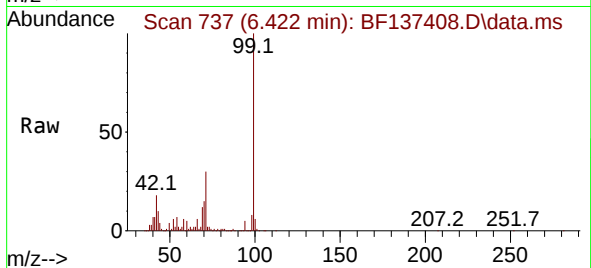
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Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

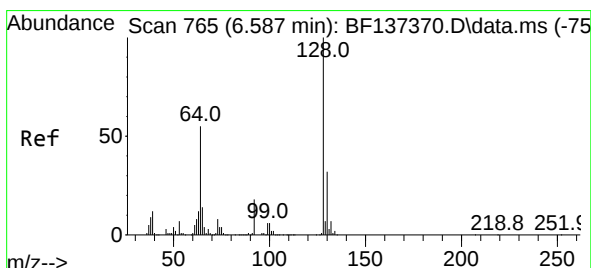
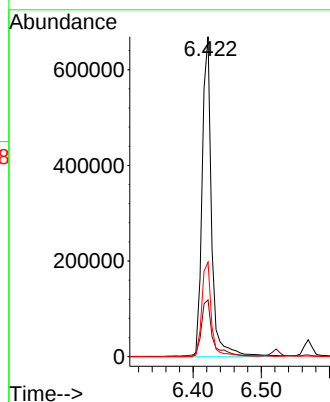
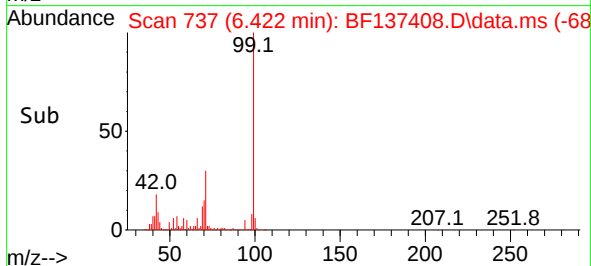


Tgt Ion:	99	Resp:	645398
Ion Ratio	100	Lower	Upper
99	100		
42	17.8	14.2	21.4
71	29.6	25.2	37.8

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#8

2-Chlorophenol

Concen: 36.803 ng

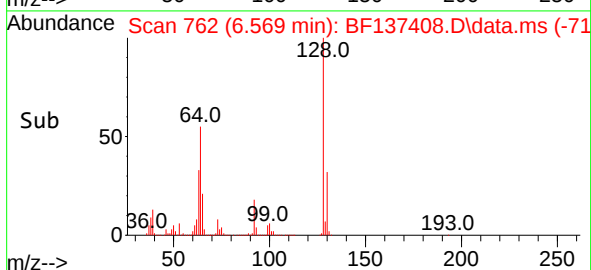
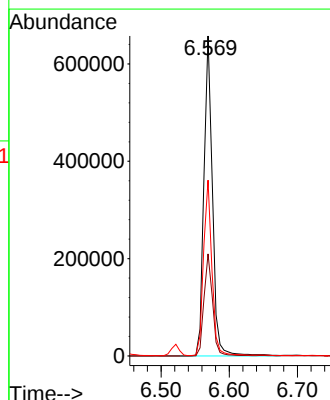
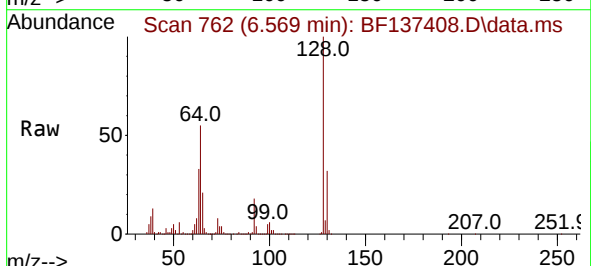
RT: 6.569 min Scan# 762

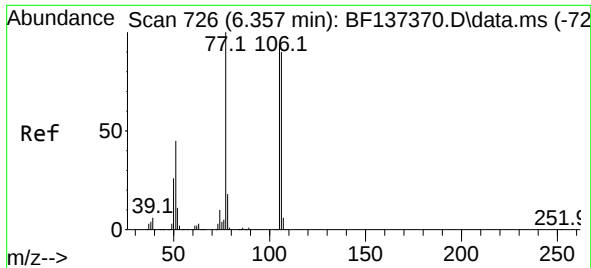
Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Tgt Ion:	128	Resp:	574361
Ion Ratio	100	Lower	Upper
128	100		
130	31.9	12.1	52.1
64	54.9	35.3	75.3





#9

Benzaldehyde

Concen: 8.612 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.024 min

Lab File: BF137408.D

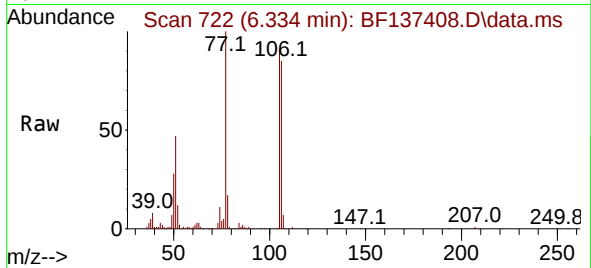
Acq: 27 Feb 2024 16:45

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Tgt Ion: 77 Resp: 8874

Ion Ratio Lower Upper

77 100

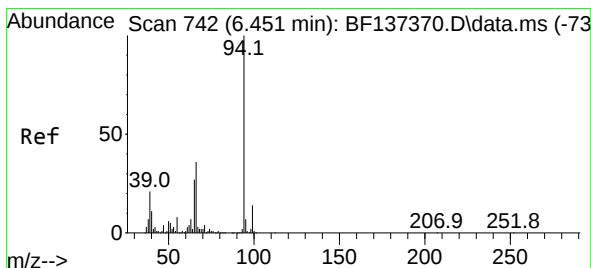
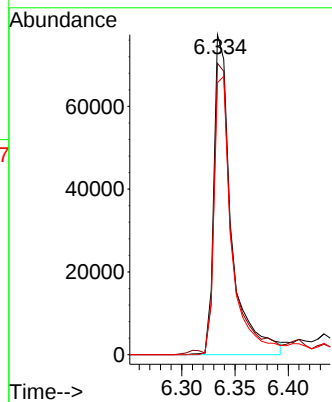
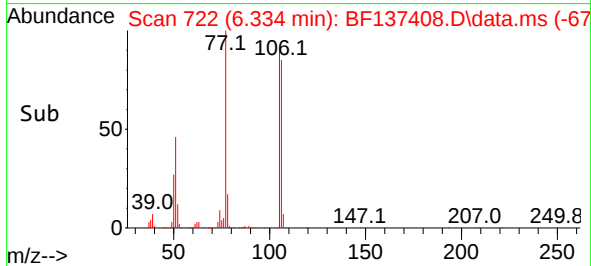
105 91.0 74.1 114.1

106 85.0 70.2 110.2

Manual Integrations

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Supervised By :mohammad ahmed 02/29/2024



#10

Phenol

Concen: 11.408 ng

RT: 6.434 min Scan# 739

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

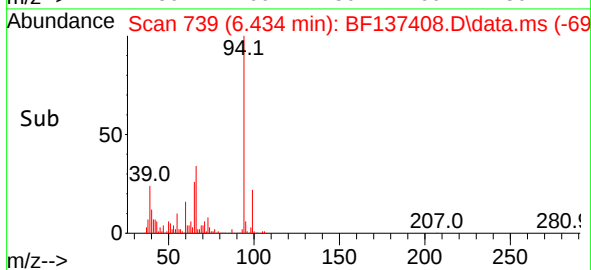
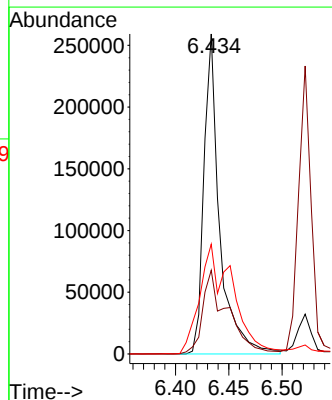
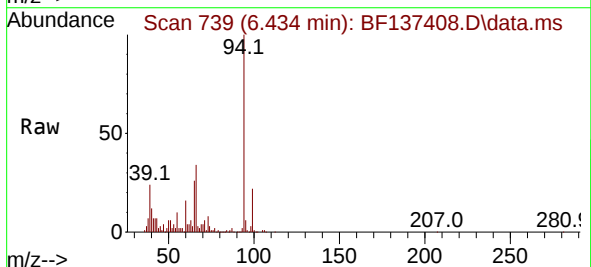
Tgt Ion: 94 Resp: 267232

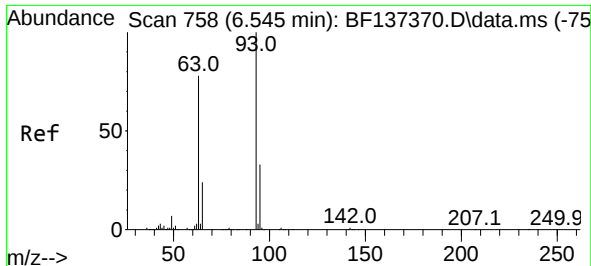
Ion Ratio Lower Upper

94 100

65 26.1 7.4 47.4

66 34.3 15.6 55.6





#11

bis(2-Chloroethyl)ether

Concen: 43.872 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.024 min

Lab File: BF137408.D

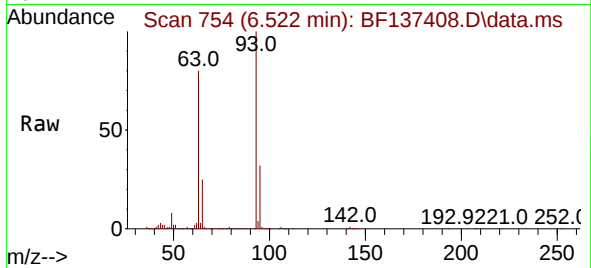
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 93 Resp: 746770

Ion Ratio Lower Upper

93 100

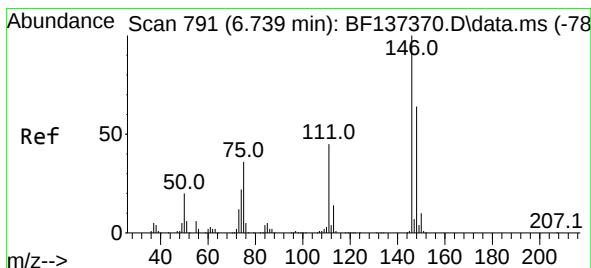
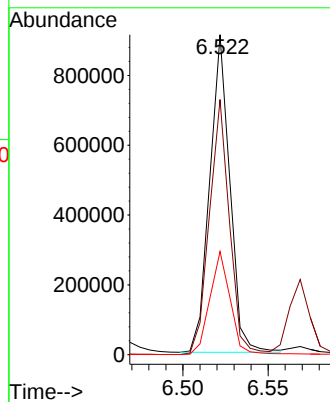
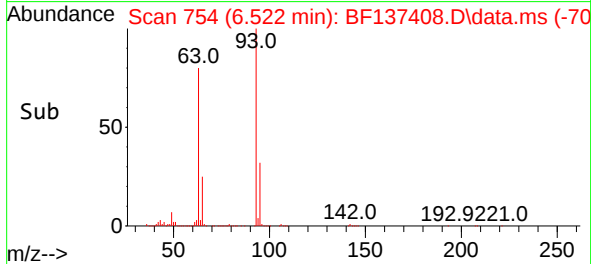
63 79.8 56.1 96.1

95 32.2 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: 40.550 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

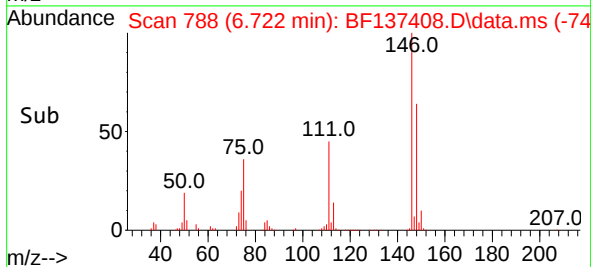
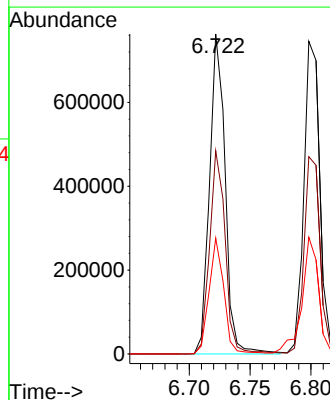
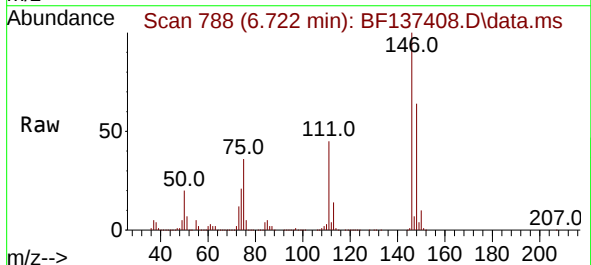
Tgt Ion:146 Resp: 679579

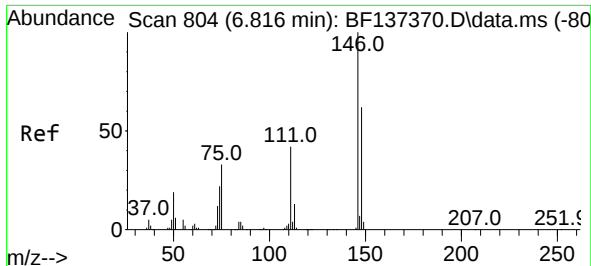
Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

75 36.2 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 40.458 ng

RT: 6.798 min Scan# 804

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

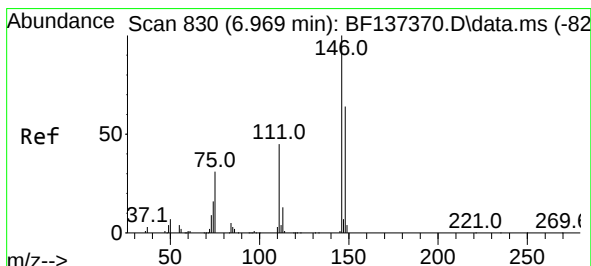
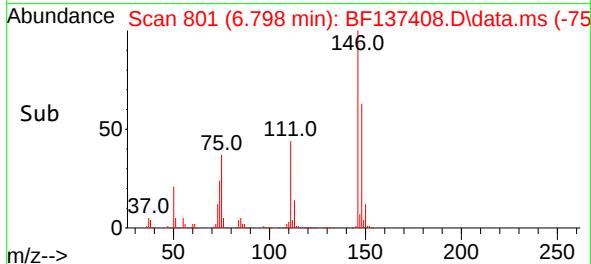
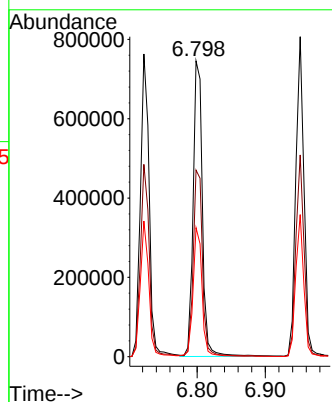
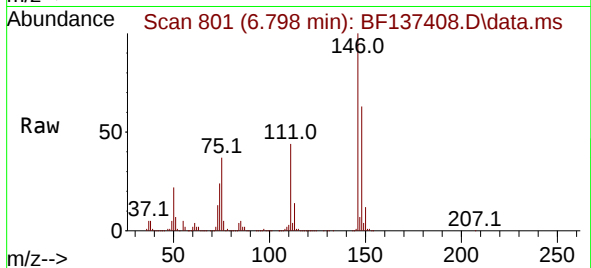
20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:146 Resp: 69808
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.9 74.9
 111 43.6 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: 42.104 ng

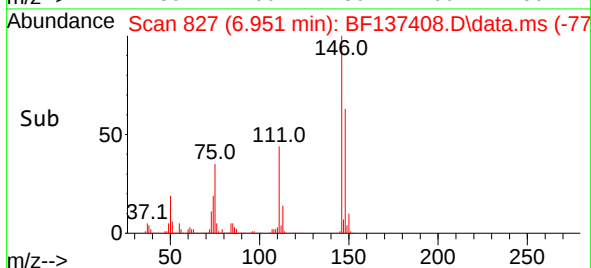
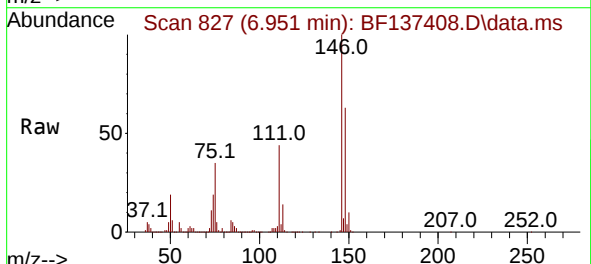
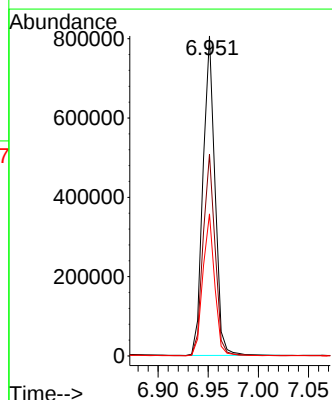
RT: 6.951 min Scan# 827

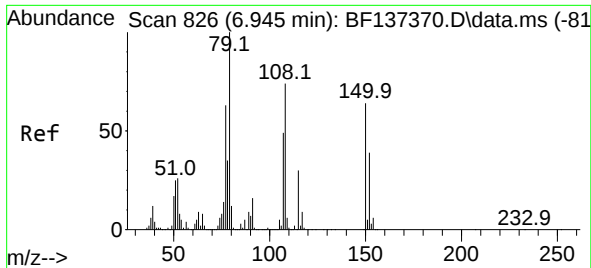
Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

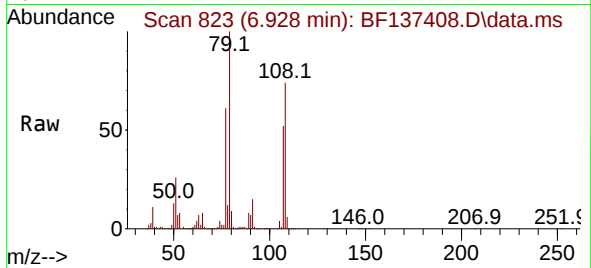
Tgt Ion:146 Resp: 671988
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.0
 111 44.4 36.6 54.8





#15
Benzyl Alcohol
Concen: 26.279 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

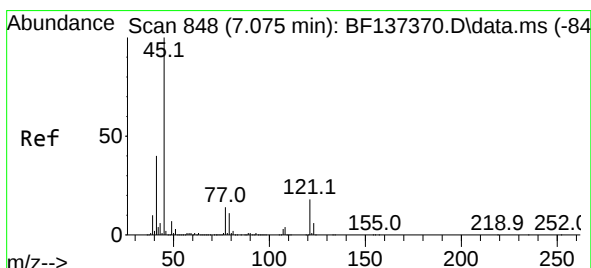
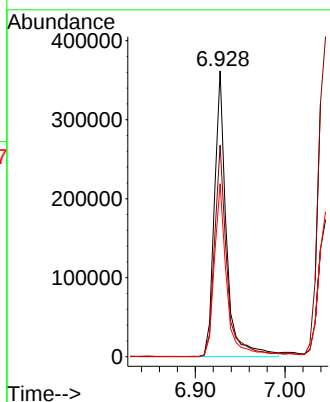
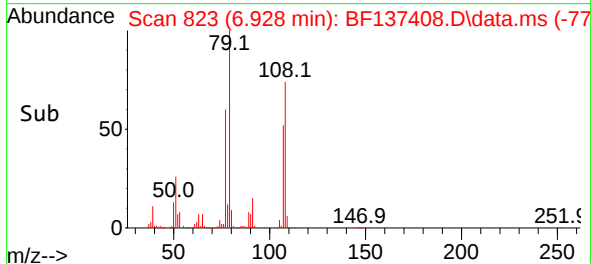
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 79 Resp: 335280
Ion Ratio Lower Upper
79 100
108 74.0 59.5 89.3
77 60.5 50.5 75.7

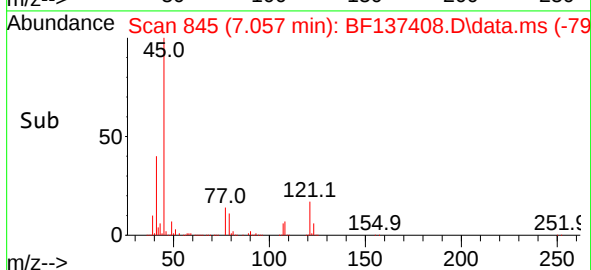
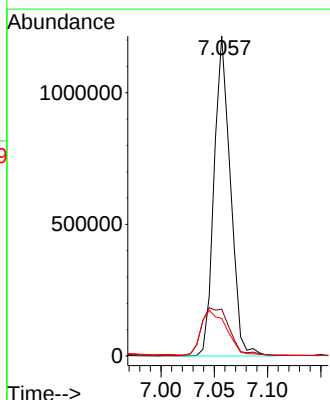
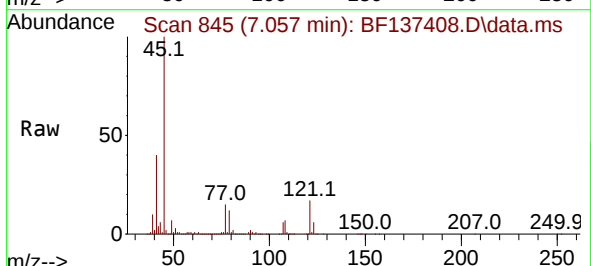
Manual Integrations
APPROVED

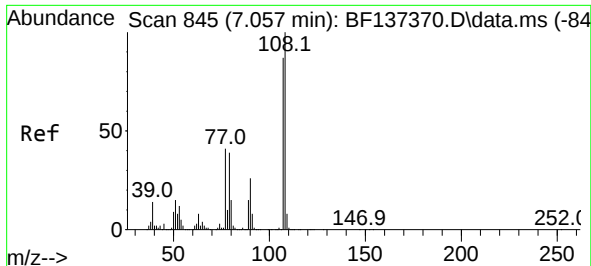
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.728 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

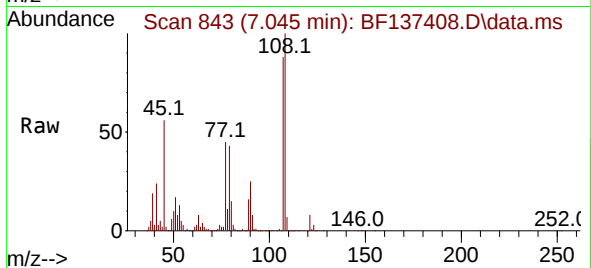
Tgt Ion: 45 Resp: 1293766
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.6
79 11.7 0.0 31.6





#17
2-Methylphenol
Concen: 25.197 ng
RT: 7.045 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

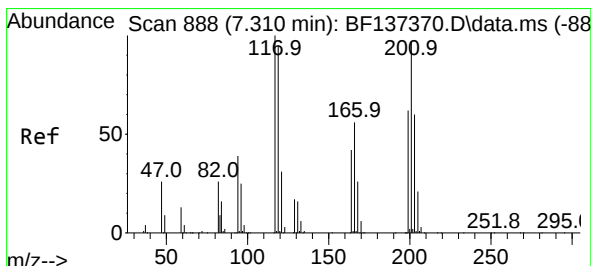
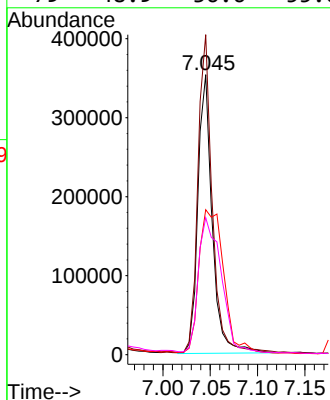
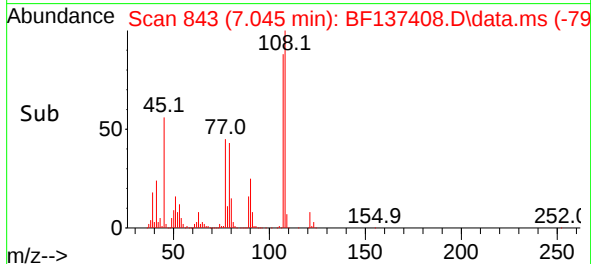
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:	107	Resp:	37206
Ion Ratio	Lower	Upper	
107	100		
108	114.3	92.2	138.4
77	51.8	38.1	57.1
79	48.9	36.6	55.0

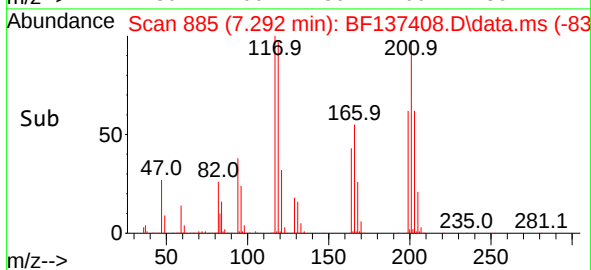
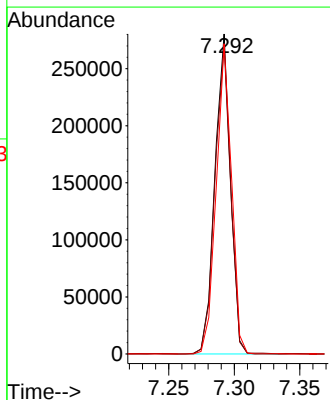
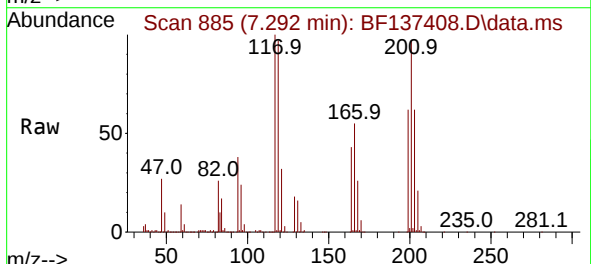
Manual Integrations
APPROVED

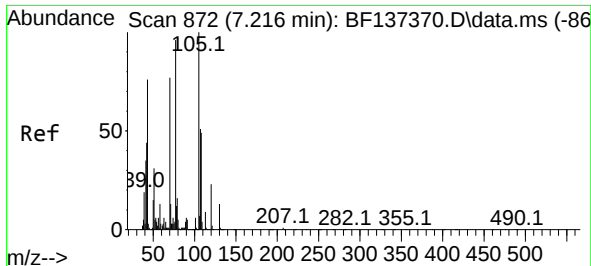
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#18
Hexachloroethane
Concen: 38.881 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

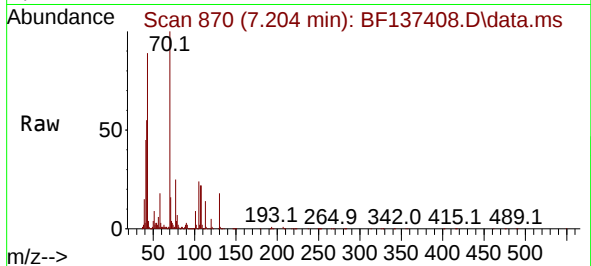
Tgt Ion:	117	Resp:	231180
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.2	114.4
201	97.0	77.6	116.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.419 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

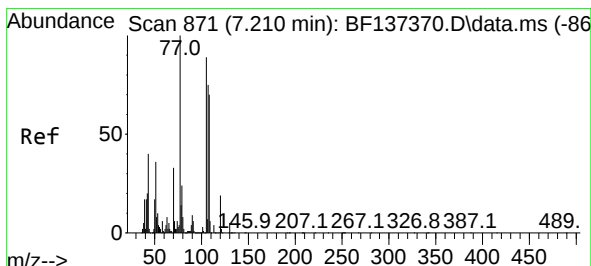
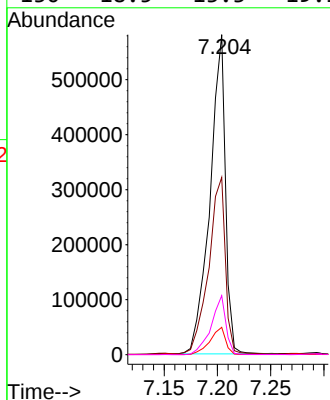
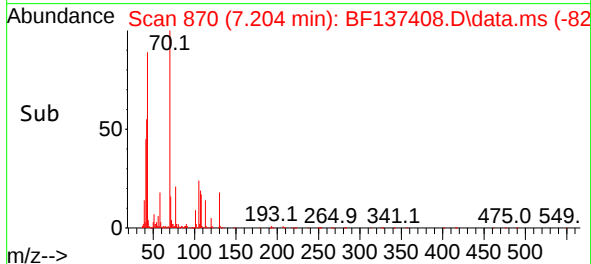
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 70 Resp: 585864
Ion Ratio Lower Upper
70 100
42 55.4 45.3 67.9
101 8.6 6.5 9.7
130 18.5 13.3 19.9

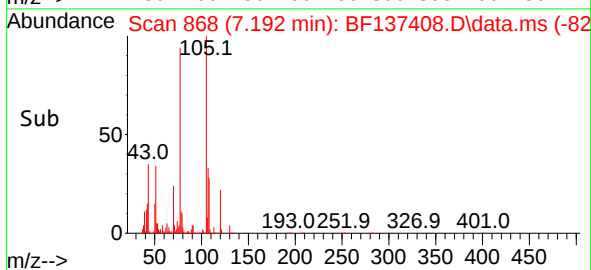
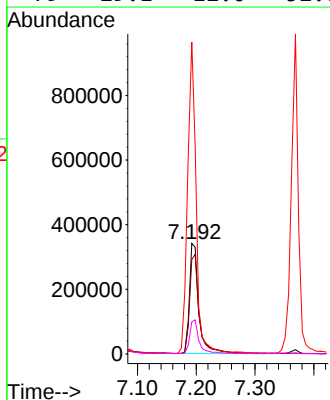
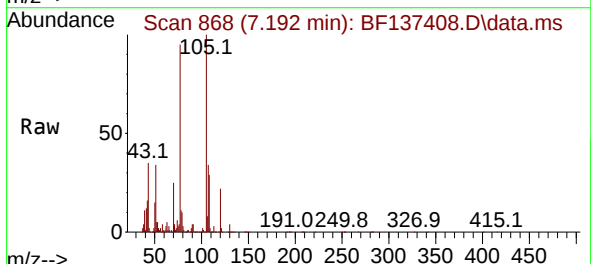
Manual Integrations
APPROVED

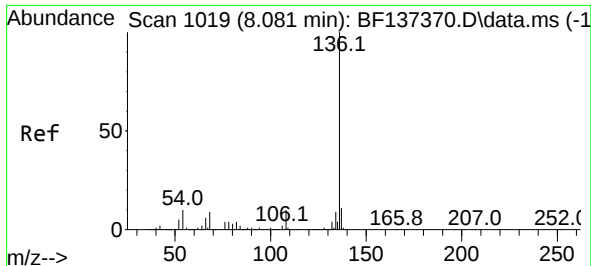
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#20
3+4-Methylphenols
Concen: 22.571 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

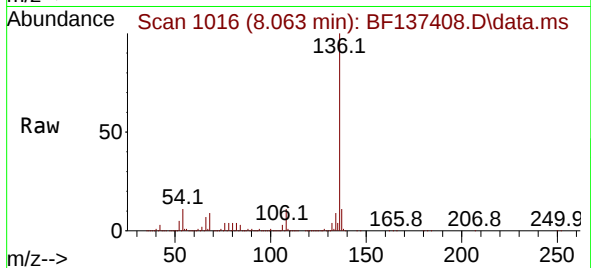
Tgt Ion:107 Resp: 379864
Ion Ratio Lower Upper
107 100
108 85.4 73.1 113.1
77 282.1 113.6 153.6#
79 29.1 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

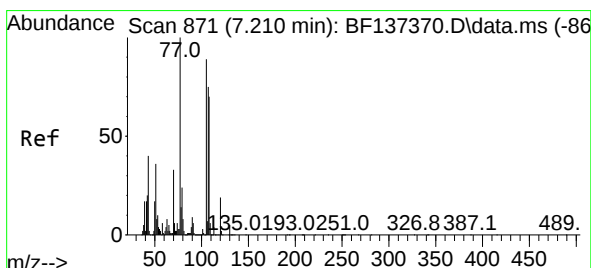
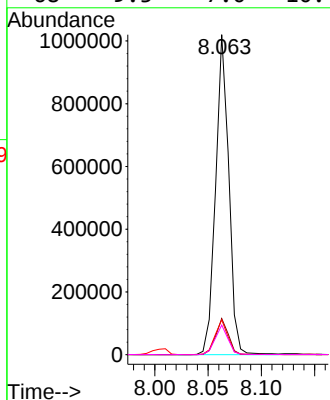
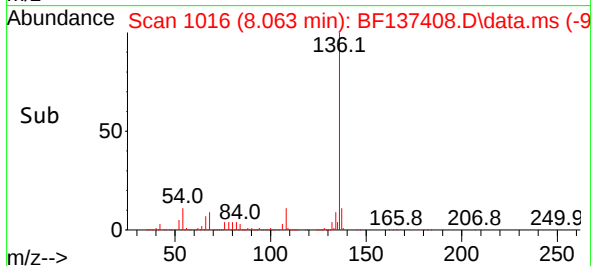
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:136 Resp: 875750
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 10.9 7.8 11.6
68 9.3 7.0 10.4

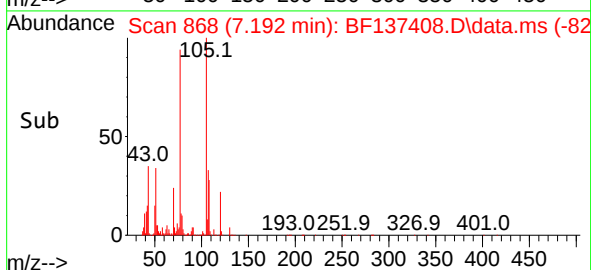
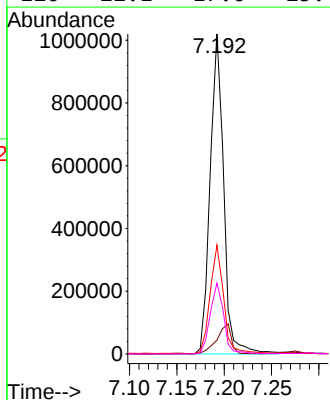
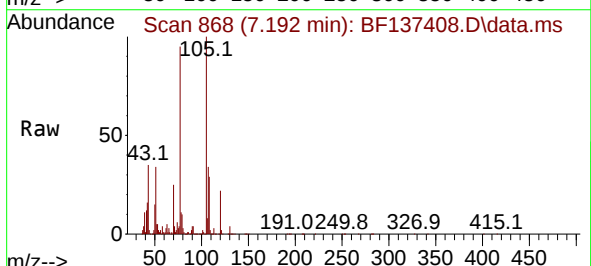
Manual Integrations
APPROVED

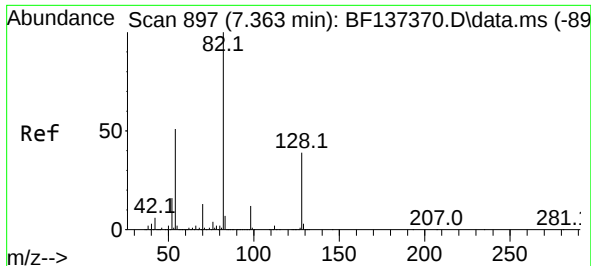
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#22
Acetophenone
Concen: 47.649 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:105 Resp: 1011873
Ion Ratio Lower Upper
105 100
71 4.3 5.0 7.6#
51 34.0 32.2 48.4
120 22.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 91.152 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF137408.D

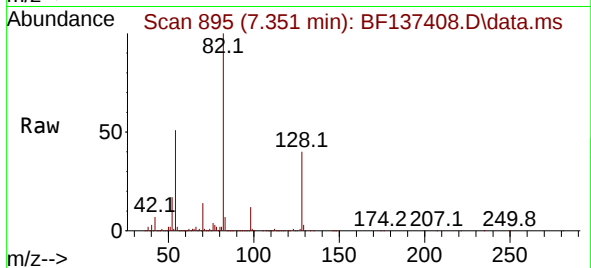
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



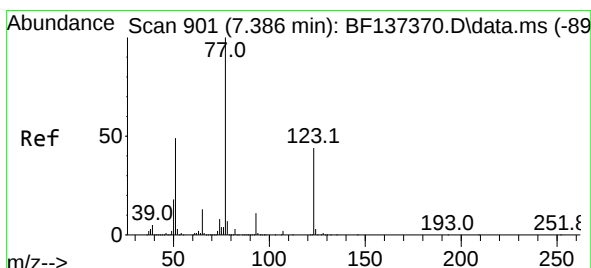
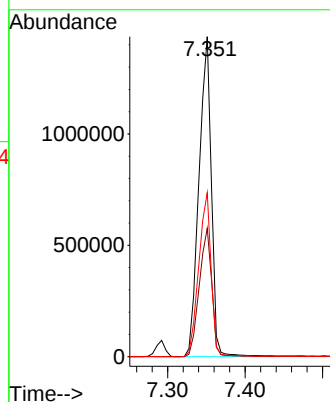
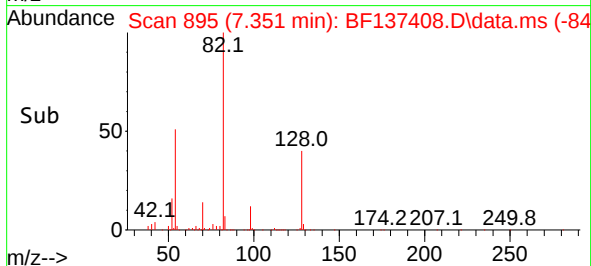
Tgt Ion: 82 Resp: 159894

Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.8	46.2
54	51.2	40.8	61.2

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 46.990 ng

RT: 7.369 min Scan# 898

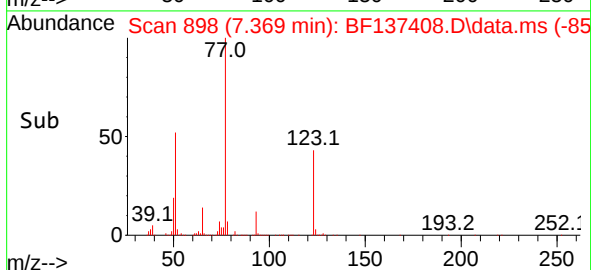
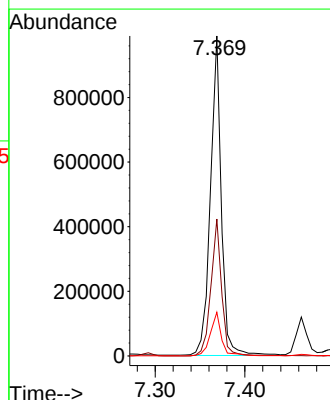
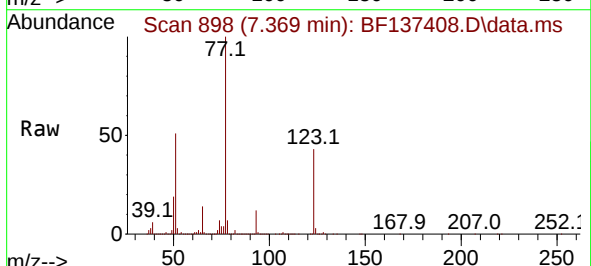
Delta R.T. -0.018 min

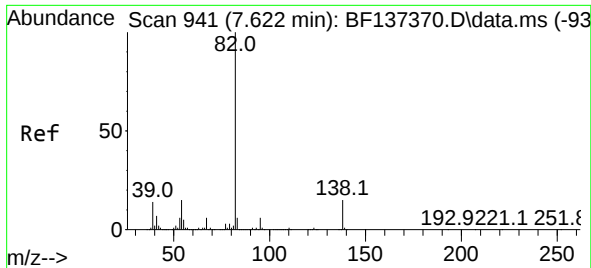
Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Tgt Ion: 77 Resp: 837551

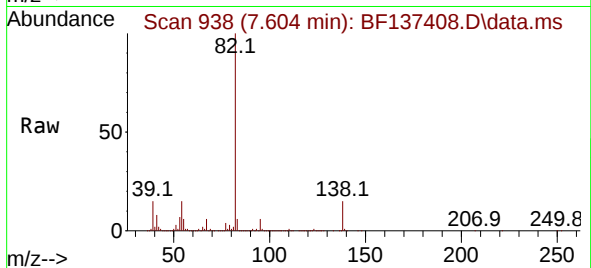
Ion	Ratio	Lower	Upper
77	100		
123	42.8	35.4	53.0
65	13.7	10.3	15.5





#25
Isophorone
Concen: 45.170 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

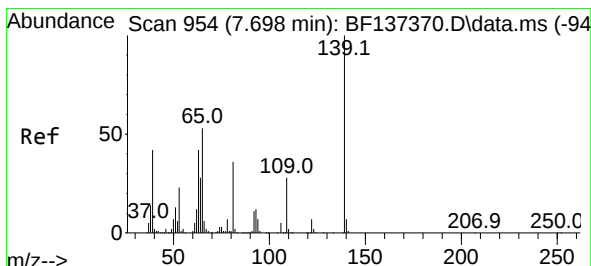
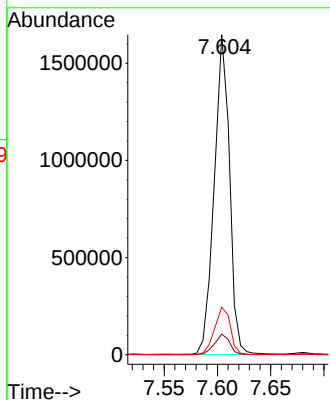
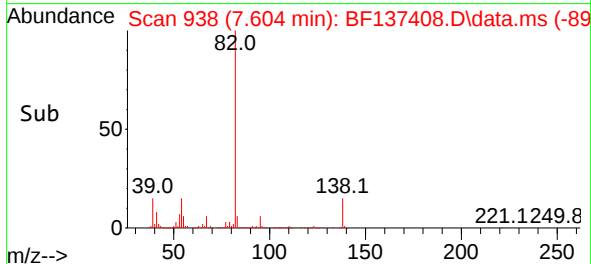
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 82 Resp: 163856
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 14.8 12.2 18.4

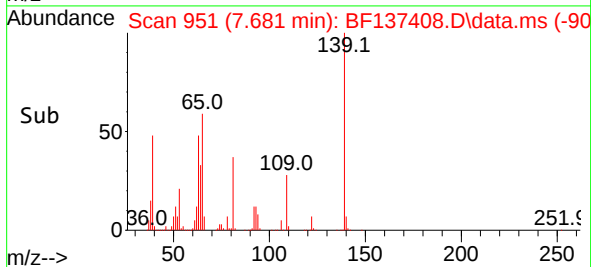
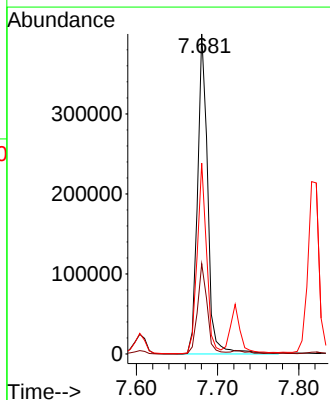
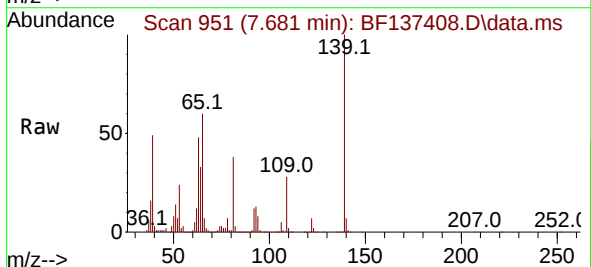
Manual Integrations
APPROVED

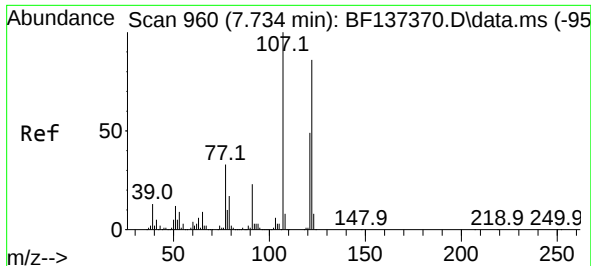
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#26
2-Nitrophenol
Concen: 51.194 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:139 Resp: 350077
Ion Ratio Lower Upper
139 100
109 28.2 22.5 33.7
65 59.7 42.3 63.5





#27

2,4-Dimethylphenol

Concen: 34.086 ng

RT: 7.722 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

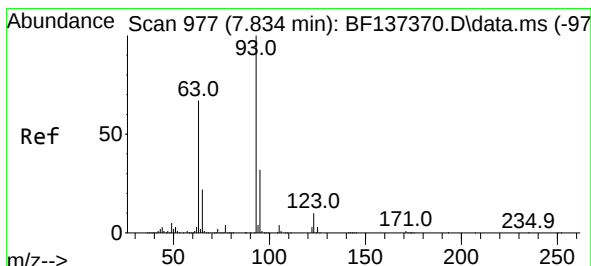
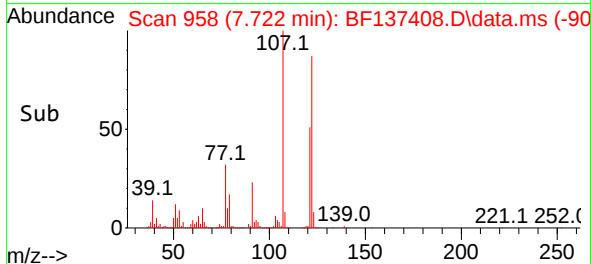
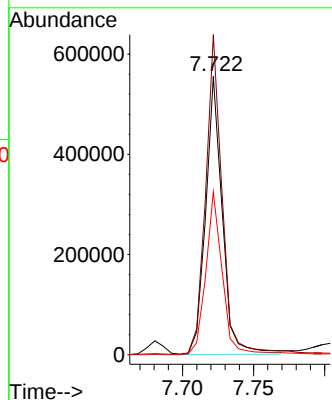
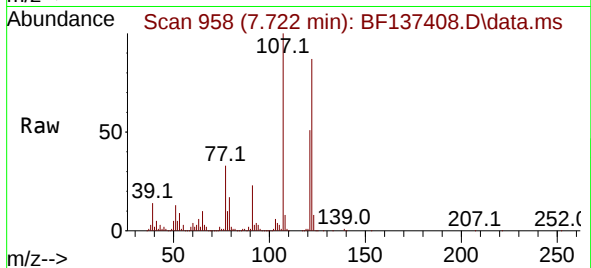
20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:	122	Resp:	45475
Ion	Ratio	Lower	Upper
122	100		
107	115.0	92.7	139.1
121	58.5	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: 45.859 ng

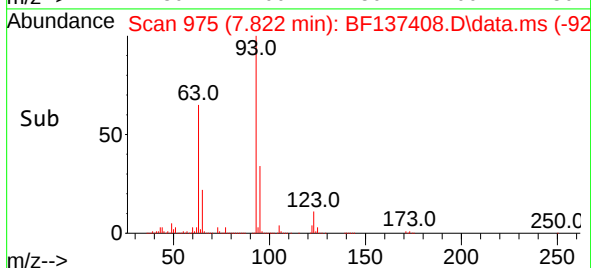
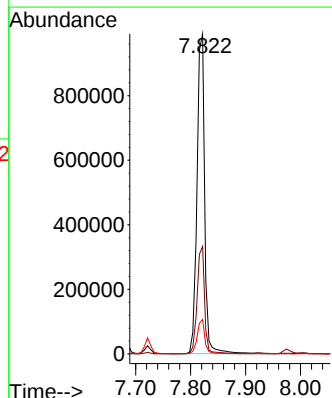
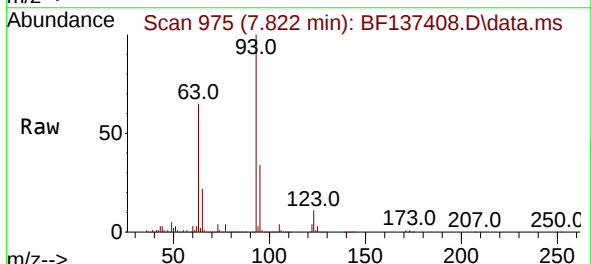
RT: 7.822 min Scan# 975

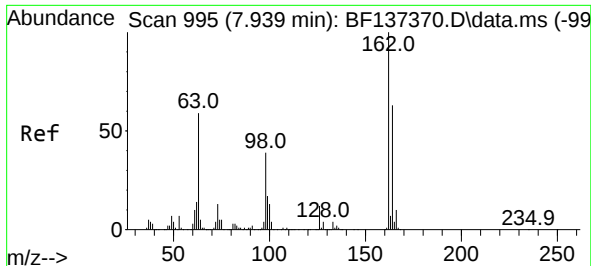
Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

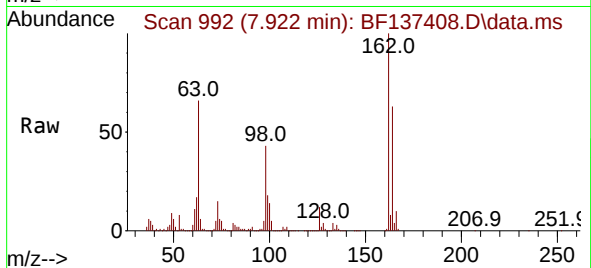
Tgt Ion:	93	Resp:	958869
Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.9	38.9
123	10.8	8.2	12.4





#29
2,4-Dichlorophenol
Concen: 43.065 ng
RT: 7.922 min Scan# 995
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

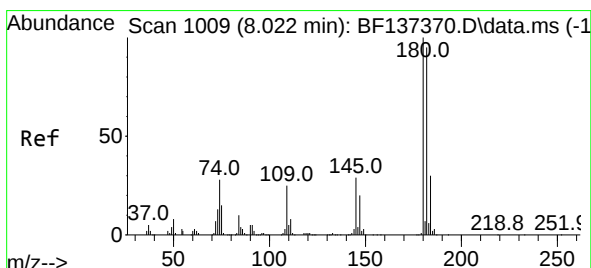
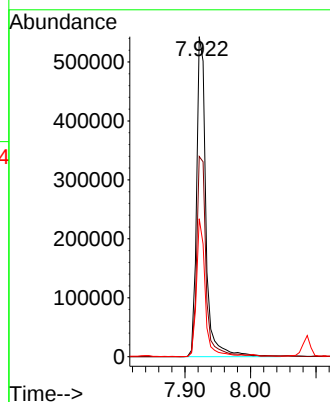
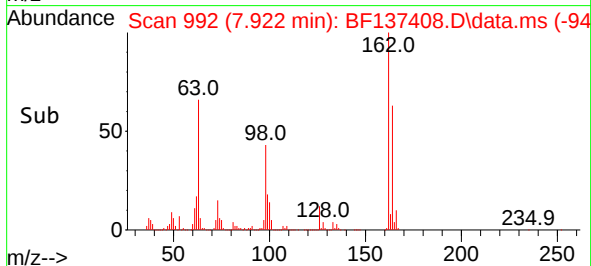
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:162 Resp: 538490
Ion Ratio Lower Upper
162 100
164 62.6 43.1 83.1
98 43.1 19.0 59.0

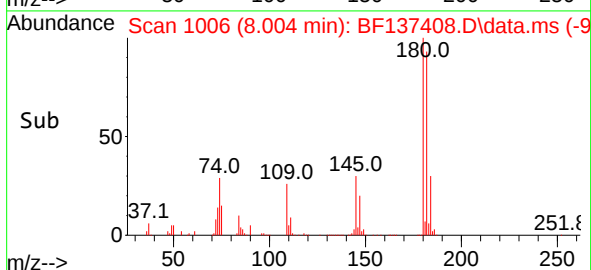
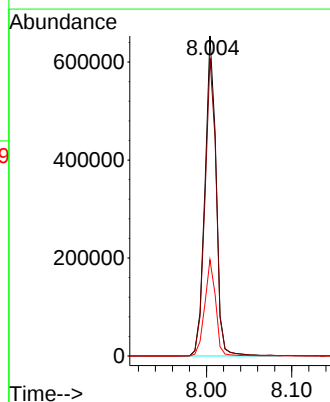
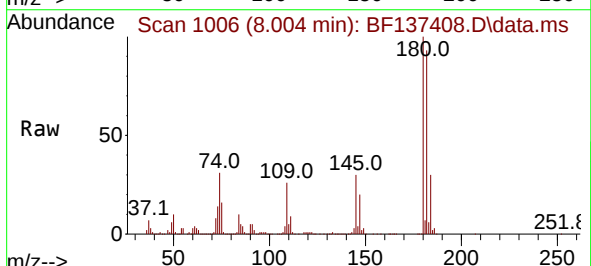
Manual Integrations
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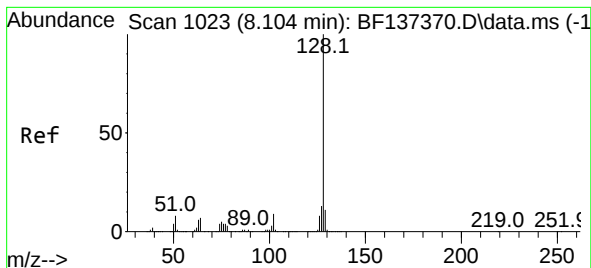
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#30
1,2,4-Trichlorobenzene
Concen: 44.219 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

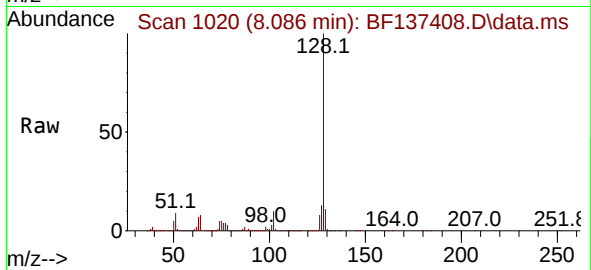
Tgt Ion:180 Resp: 593475
Ion Ratio Lower Upper
180 100
182 93.1 75.8 113.6
145 30.1 23.4 35.0





#31
Naphthalene
Concen: 42.142 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

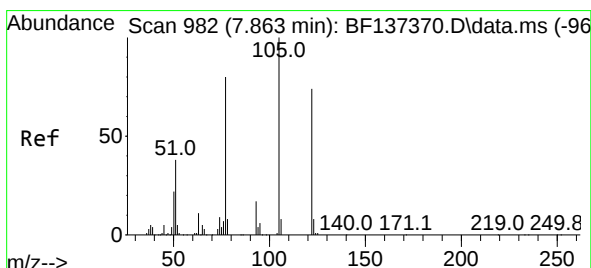
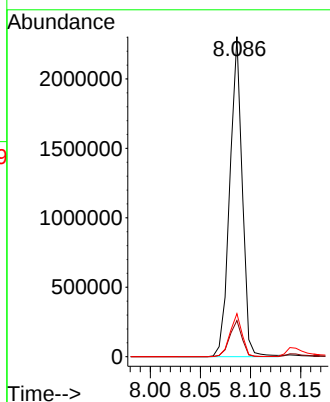
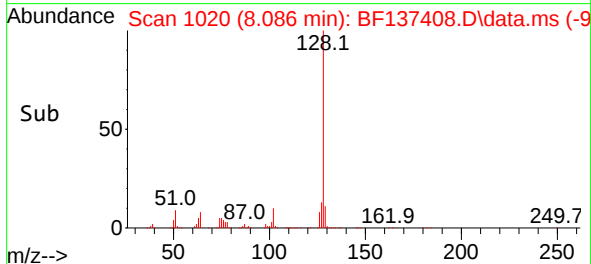
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:128 Resp: 1980540
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.5 10.6 16.0

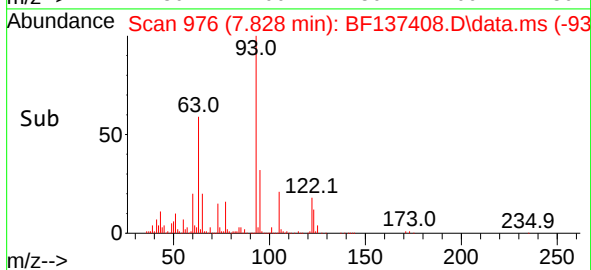
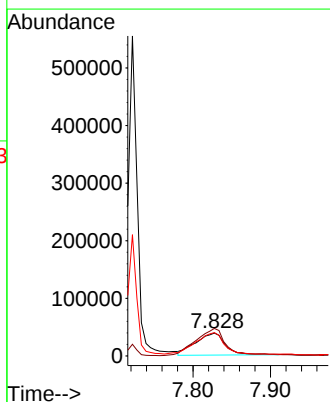
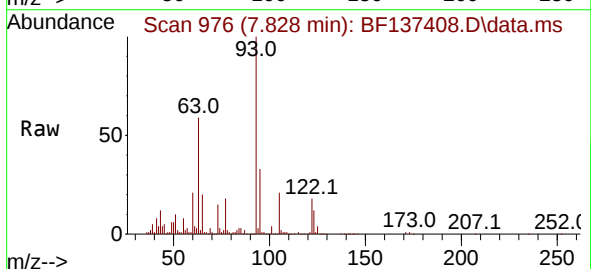
Manual Integrations
APPROVED

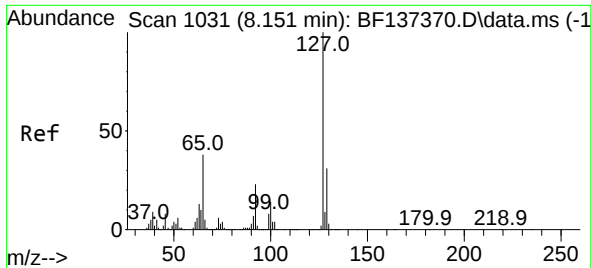
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#32
Benzoic acid
Concen: 17.619 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.035 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:122 Resp: 101835
Ion Ratio Lower Upper
122 100
105 120.2 101.1 141.1
77 101.9 82.8 122.8





#33
4-Chloroaniline
Concen: 5.780 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

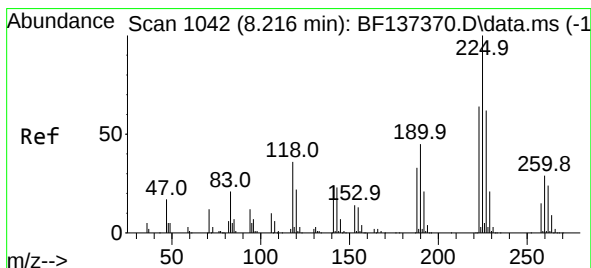
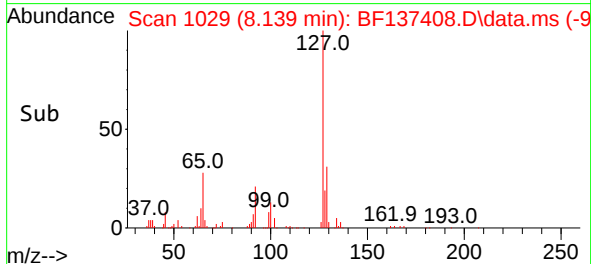
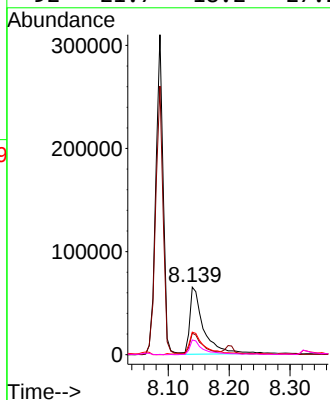
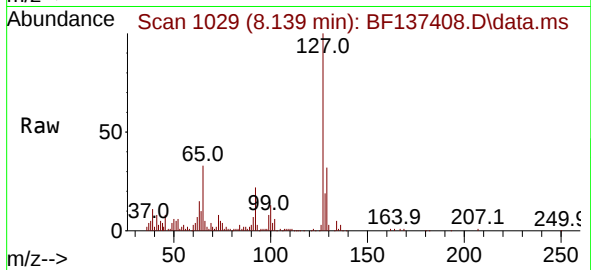
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:127 Resp: 103324

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.0	37.6
65	33.4	30.4	45.6
92	21.7	18.2	27.2

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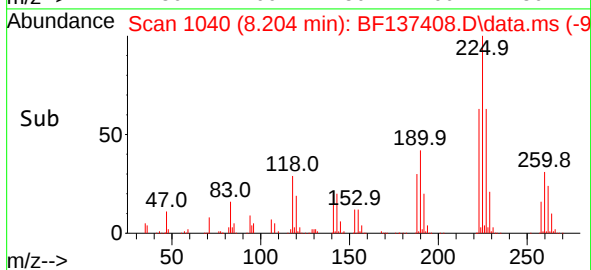
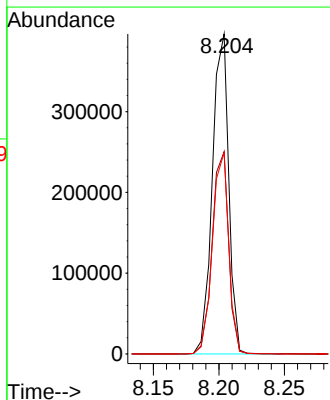
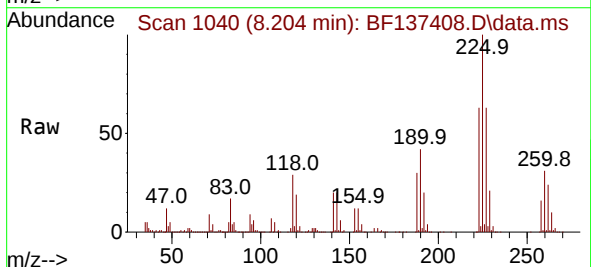
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

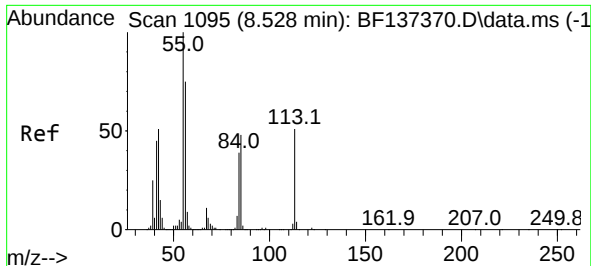


#34
Hexachlorobutadiene
Concen: 43.122 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:225 Resp: 343813

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.0
227	62.9	49.8	74.6





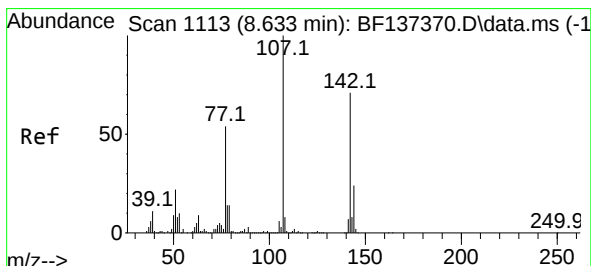
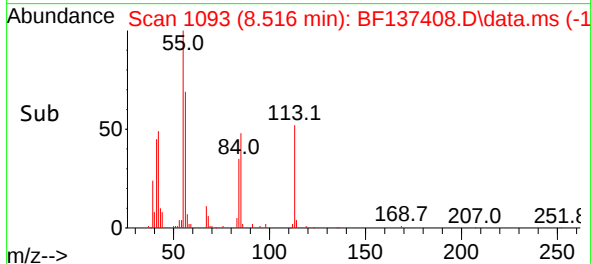
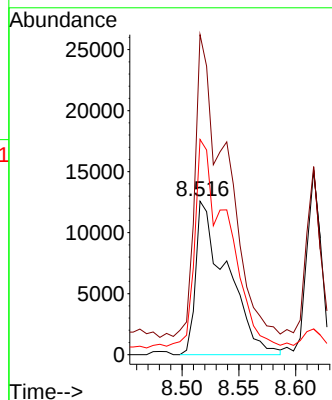
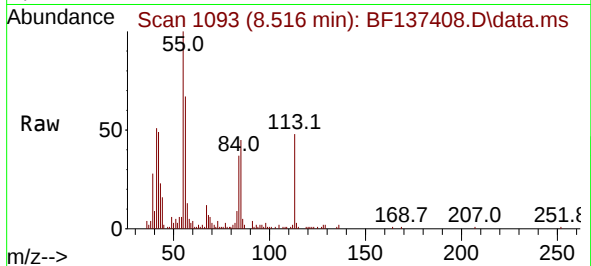
#35
 Caprolactam
 Concen: 6.220 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF137408.D
 Acq: 27 Feb 2024 16:45

Instrument : BNA_F
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:113 Resp: 2405
 Ion Ratio Lower Upper
 113 100
 55 208.6 176.3 216.3
 56 140.3 127.6 167.6

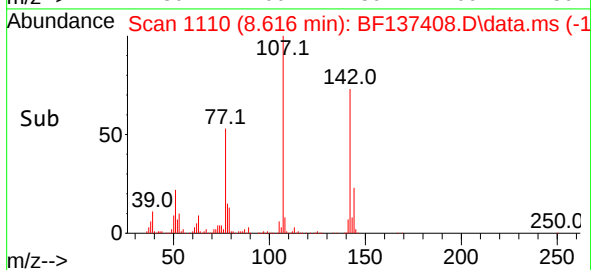
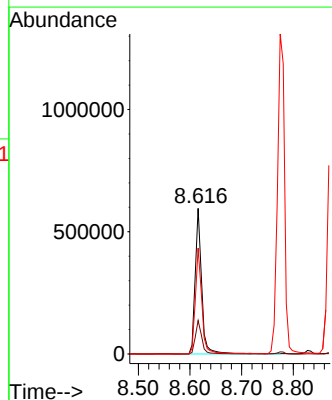
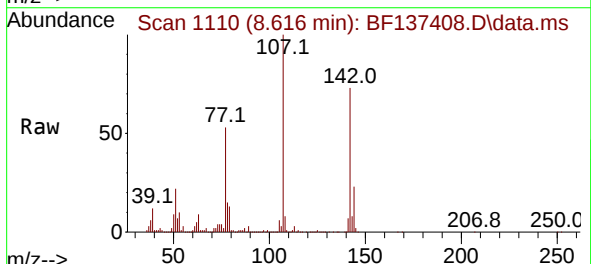
Manual Integrations
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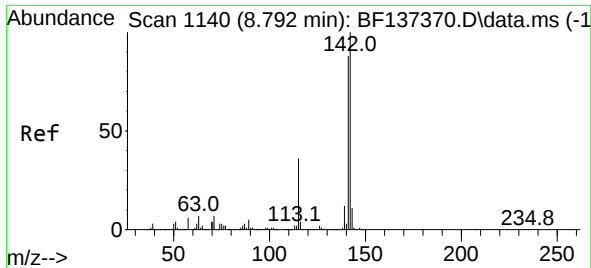
Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024



#36
 4-Chloro-3-methylphenol
 Concen: 36.574 ng
 RT: 8.616 min Scan# 1110
 Delta R.T. -0.017 min
 Lab File: BF137408.D
 Acq: 27 Feb 2024 16:45

Tgt Ion:107 Resp: 518457
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.9 28.3
 142 72.6 56.6 85.0





#37

2-Methylnaphthalene

Concen: 40.934 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:142 Resp: 123962

Ion Ratio Lower Upper

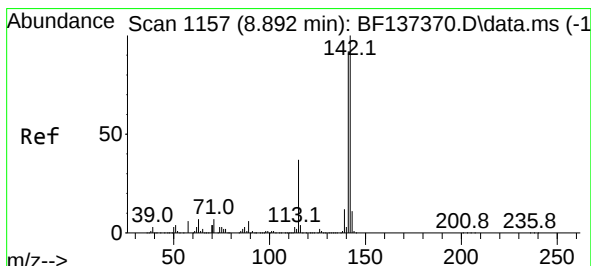
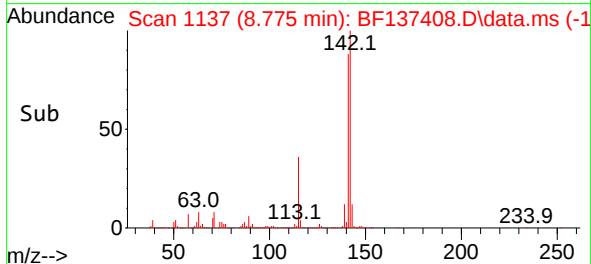
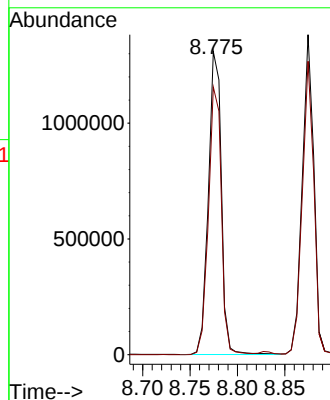
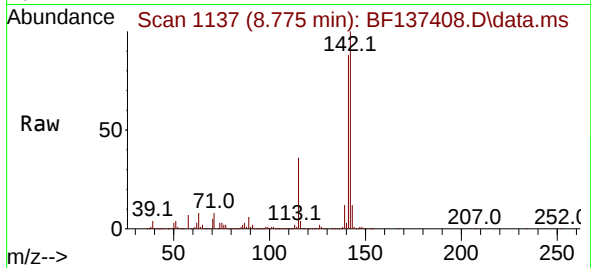
142 100

141 88.3 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: 41.065 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.018 min

Lab File: BF137408.D

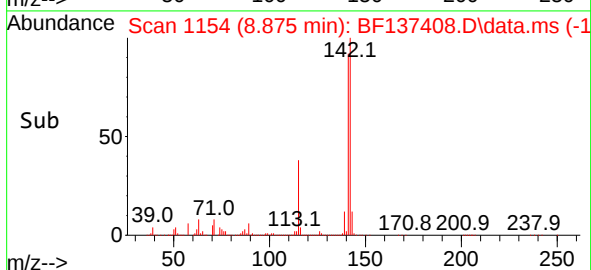
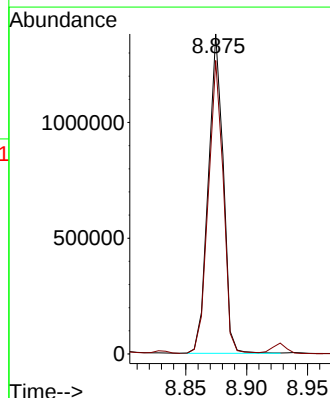
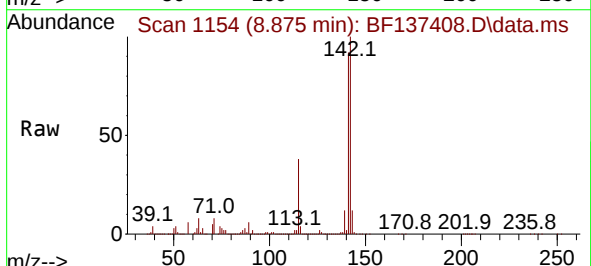
Acq: 27 Feb 2024 16:45

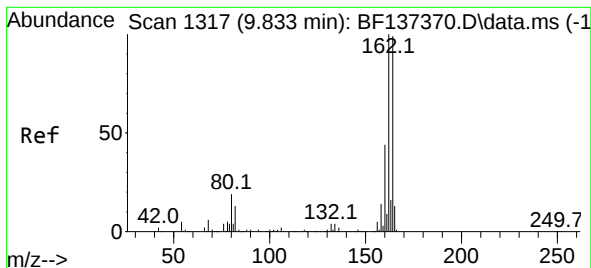
Tgt Ion:142 Resp: 1175787

Ion Ratio Lower Upper

142 100

141 91.7 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF137408.D

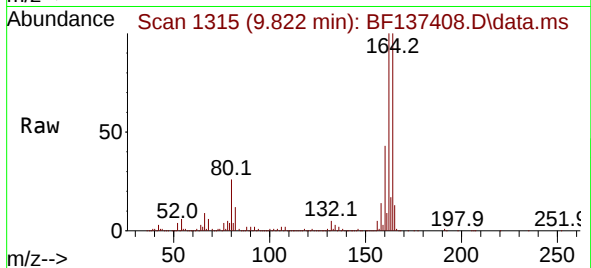
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:164 Resp: 45687

Ion Ratio Lower Upper

164 100

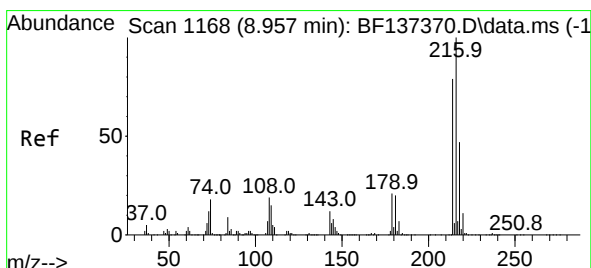
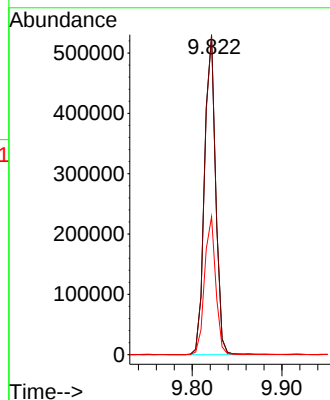
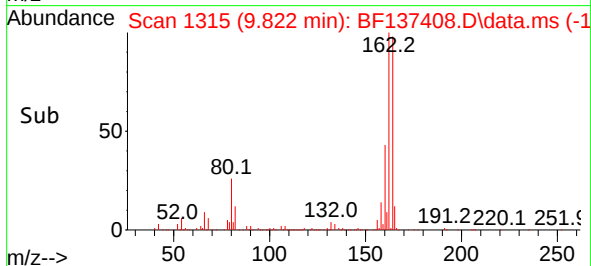
162 100.4 81.2 121.8

160 43.3 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: 47.684 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Tgt Ion:216 Resp: 600031

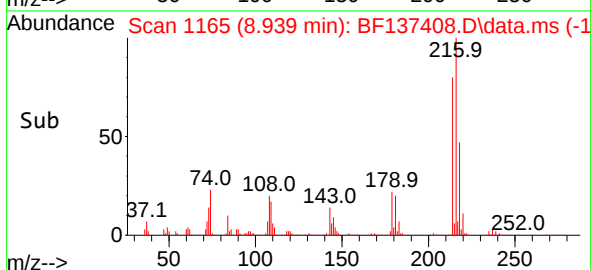
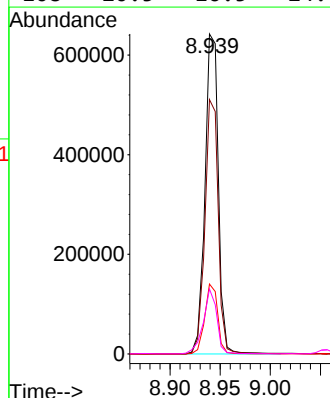
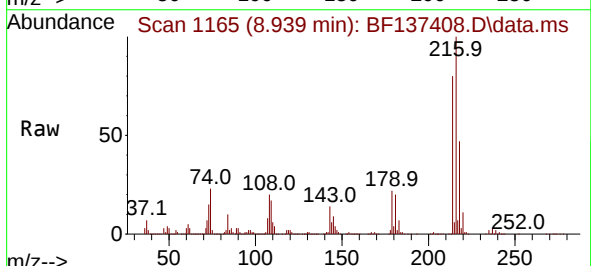
Ion Ratio Lower Upper

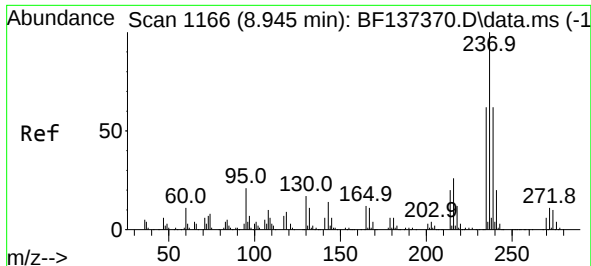
216 100

214 79.6 62.3 93.5

179 21.3 16.5 24.7

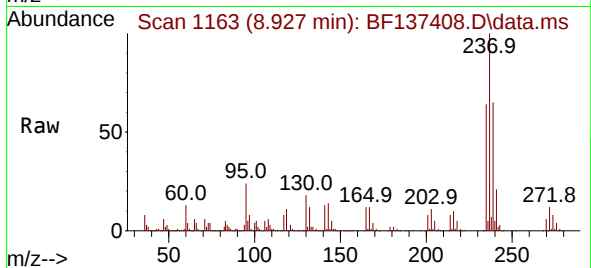
108 20.5 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 48.763 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

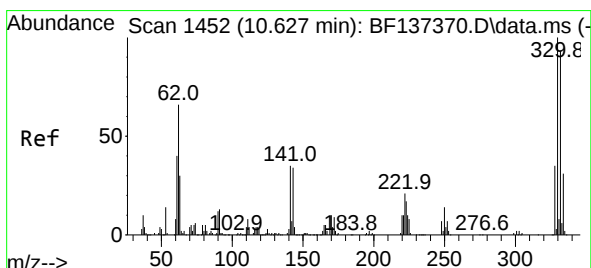
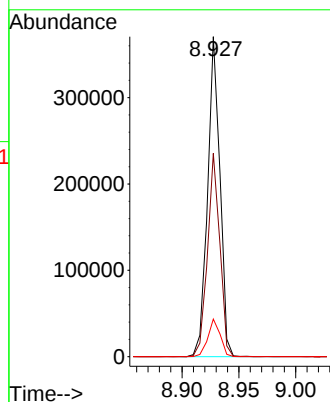
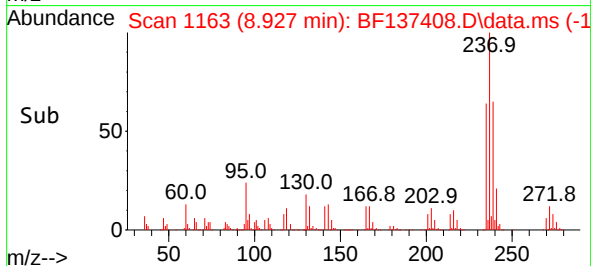
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 237 Resp: 27820
Ion Ratio Lower Upper
237 100
235 63.5 42.0 82.0
272 11.8 0.0 31.3

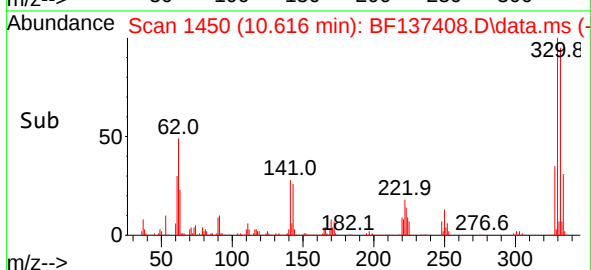
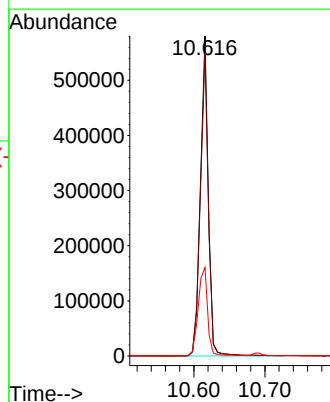
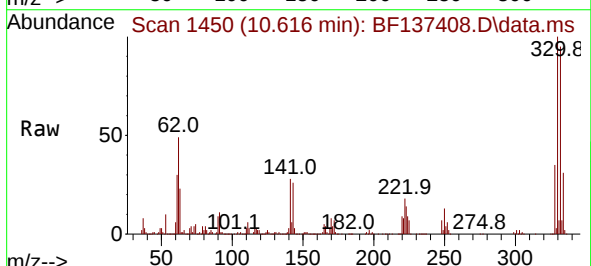
Manual Integrations
APPROVED

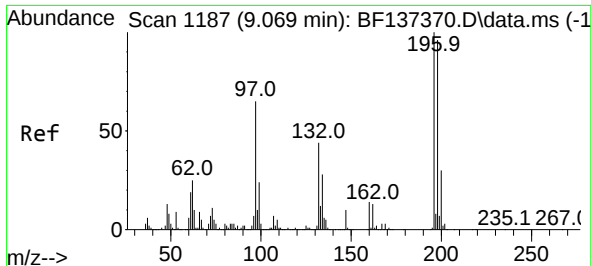
Reviewed By : Jagrut Upadhyay 02/28/2024
Supervised By : mohammad ahmed 02/29/2024



#42
2,4,6-Tribromophenol
Concen: 114.152 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

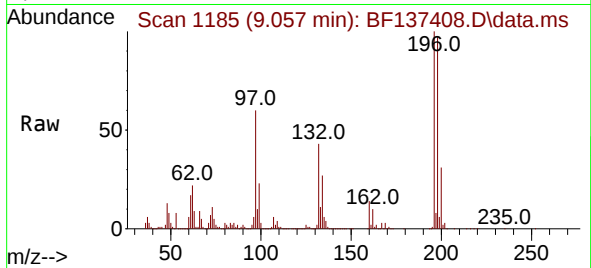
Tgt Ion: 330 Resp: 454150
Ion Ratio Lower Upper
330 100
332 95.2 75.6 113.4
141 32.4 28.6 42.8





#43
2,4,6-Trichlorophenol
Concen: 46.585 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

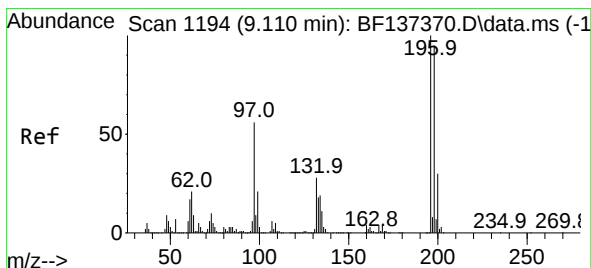
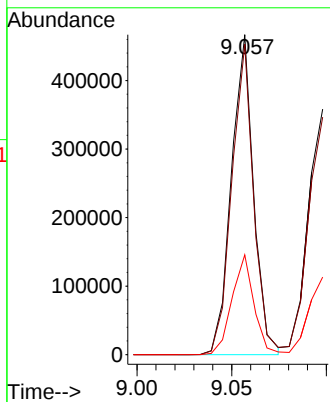
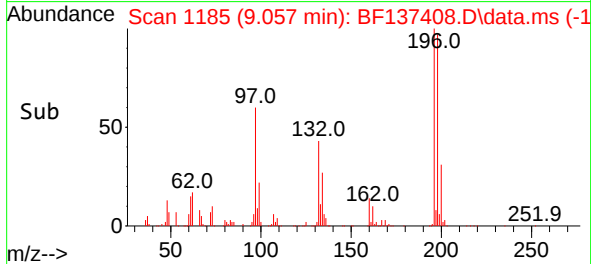
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



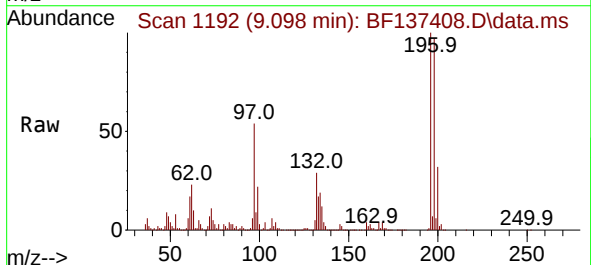
Tgt Ion:196 Resp: 380080
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.4
200 31.2 24.3 36.5

Manual Integrations
APPROVED

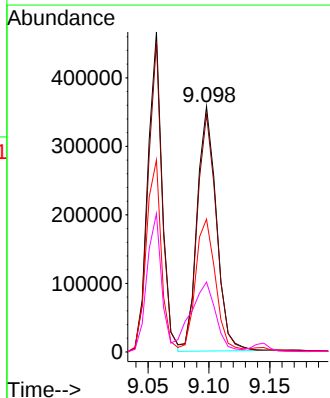
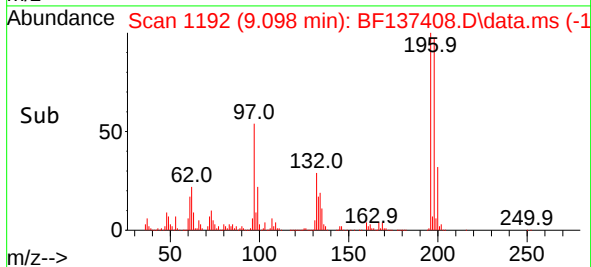
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

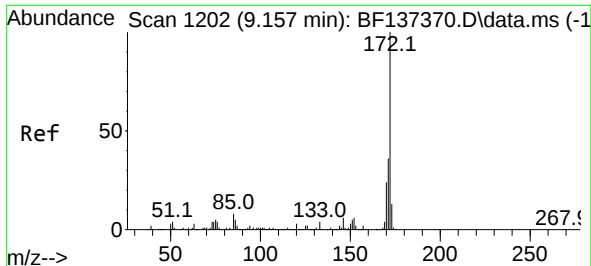


#44
2,4,5-Trichlorophenol
Concen: 41.969 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45



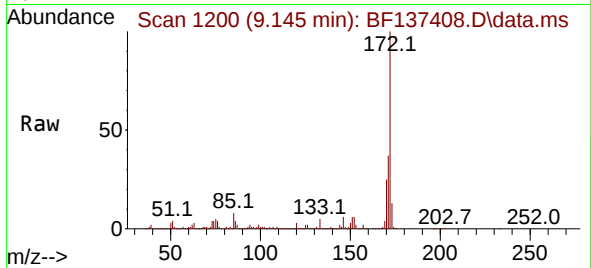
Tgt Ion:196 Resp: 392840
Ion Ratio Lower Upper
196 100
198 96.8 75.6 113.4
97 54.1 44.6 66.8
132 28.5 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 82.145 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

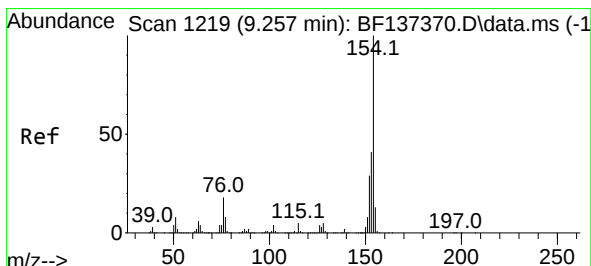
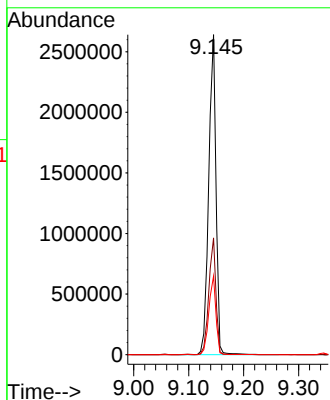
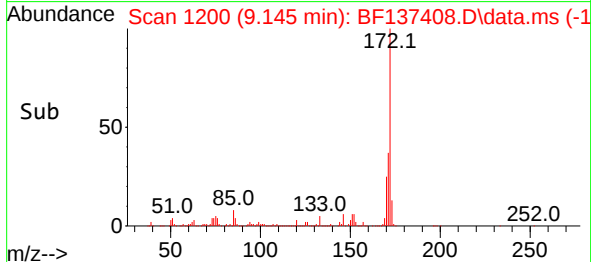
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:172 Resp: 2410624
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.5 19.5 29.3

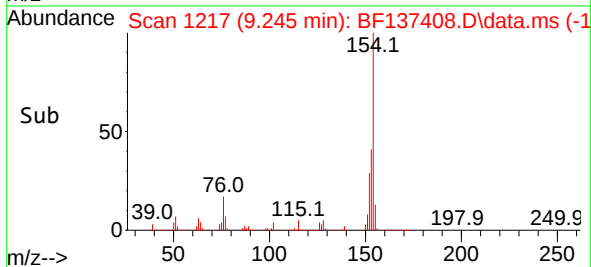
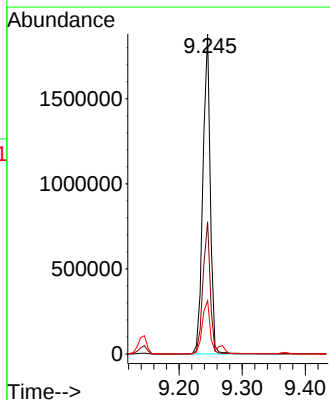
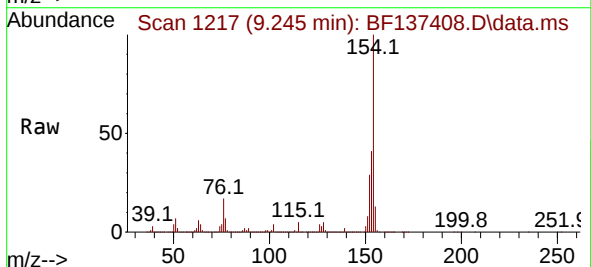
Manual Integrations
APPROVED

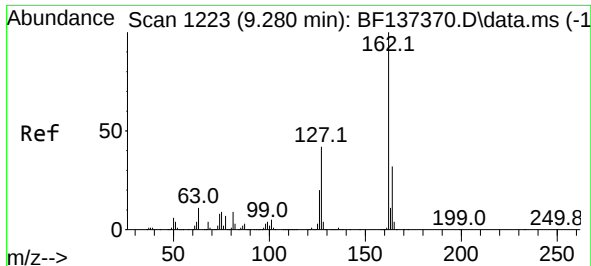
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#46
1,1'-Biphenyl
Concen: 46.039 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

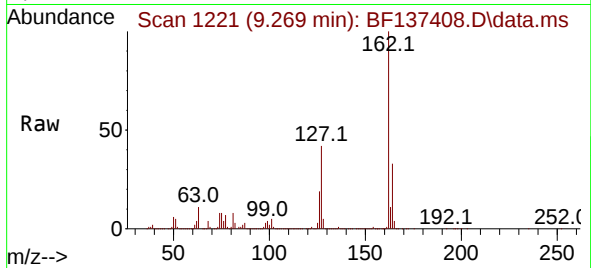
Tgt Ion:154 Resp: 1531957
Ion Ratio Lower Upper
154 100
153 41.3 21.2 61.2
76 16.6 0.0 37.9





#47
2-Chloronaphthalene
Concen: 47.412 ng
RT: 9.269 min Scan# 1191
Delta R.T. -0.011 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

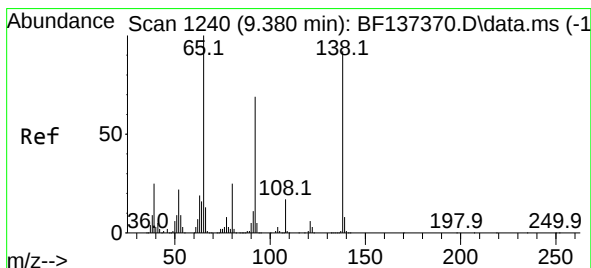
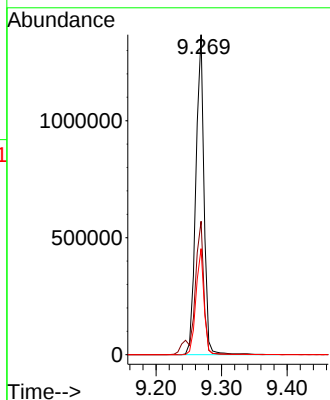
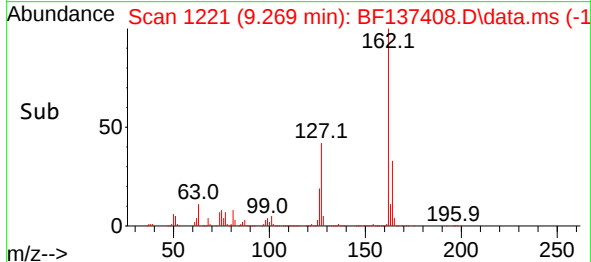
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:162 Resp: 1191440
Ion Ratio Lower Upper
162 100
127 41.7 33.6 50.4
164 33.2 25.9 38.9

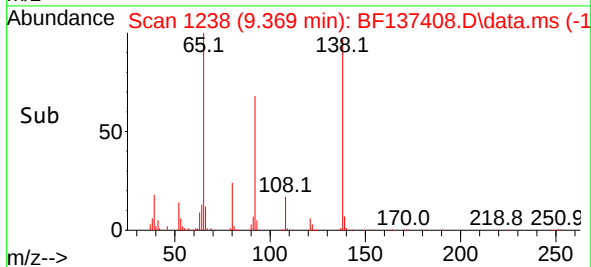
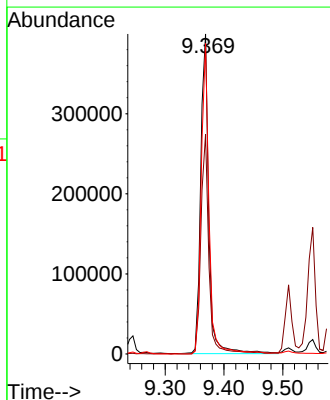
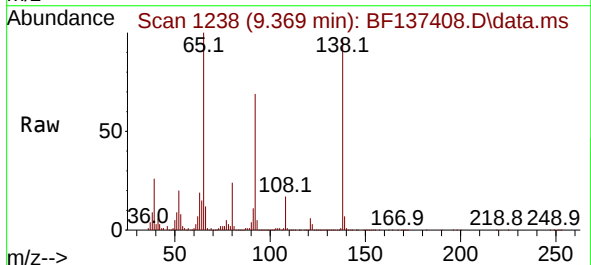
Manual Integrations
APPROVED

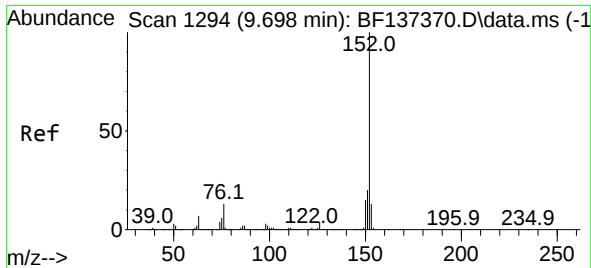
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#48
2-Nitroaniline
Concen: 49.453 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

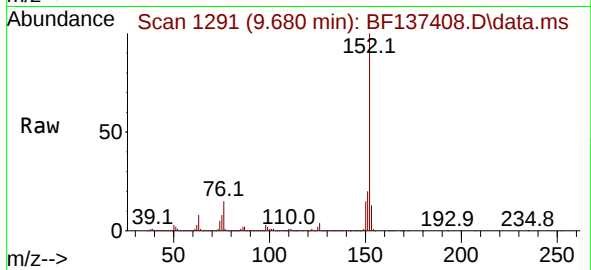
Tgt Ion: 65 Resp: 378518
Ion Ratio Lower Upper
65 100
92 68.7 55.0 82.6
138 97.0 73.7 110.5





#49
Acenaphthylene
Concen: 45.704 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

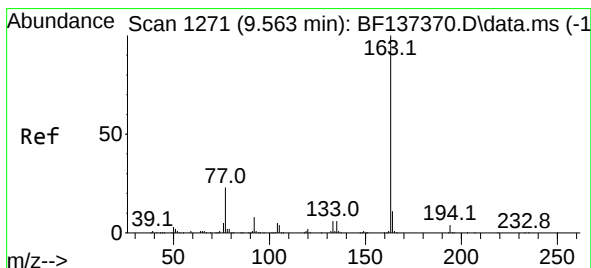
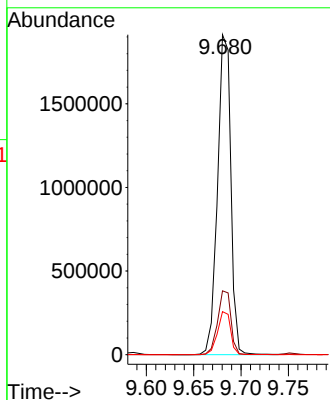
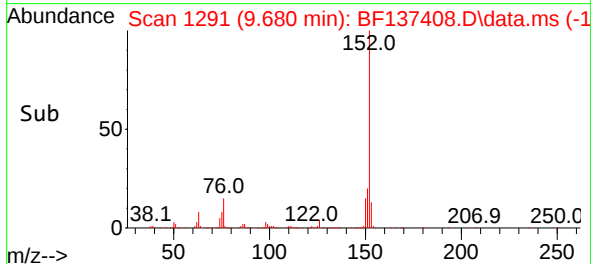
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:152 Resp: 186602
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.4 10.6 15.8

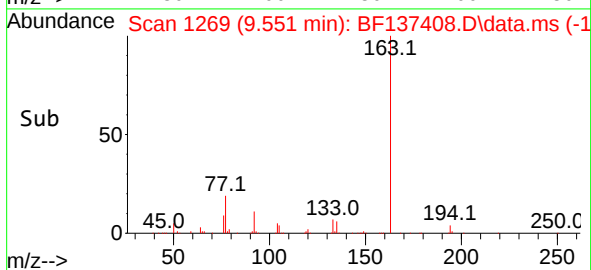
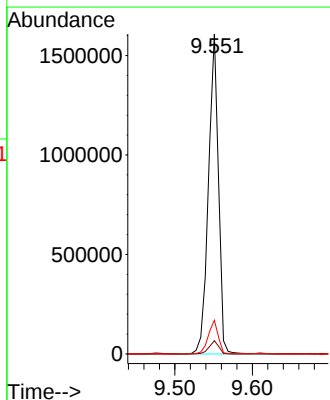
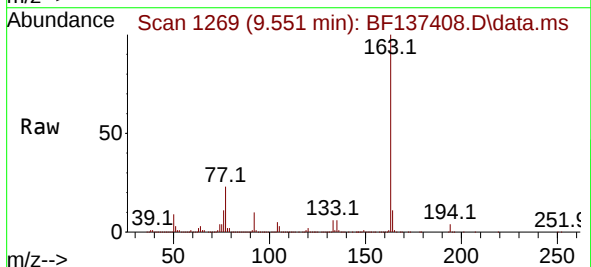
Manual Integrations
APPROVED

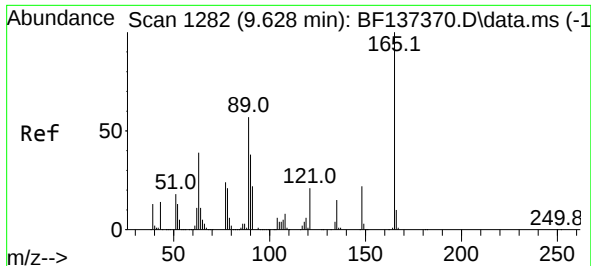
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#50
Dimethylphthalate
Concen: 45.670 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:163 Resp: 1441766
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.5 8.5 12.7





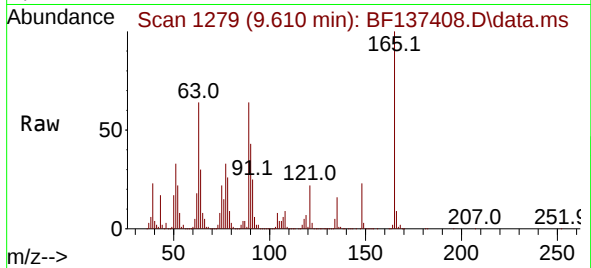
#51
2,6-Dinitrotoluene
Concen: 51.531 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

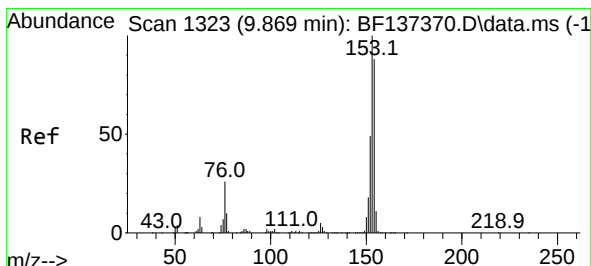
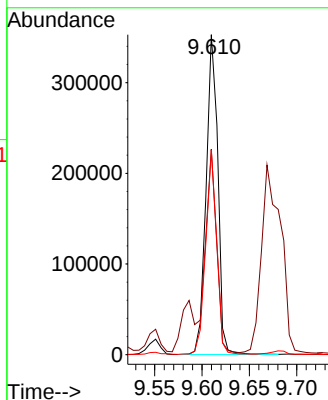
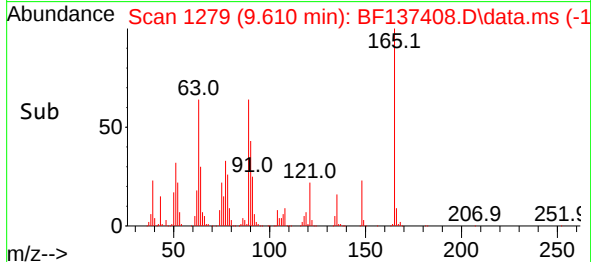


Tgt Ion:165 Resp: 302640
Ion Ratio Lower Upper
165 100
63 64.3 41.6 62.4
89 64.0 45.8 68.6

Manual Integrations

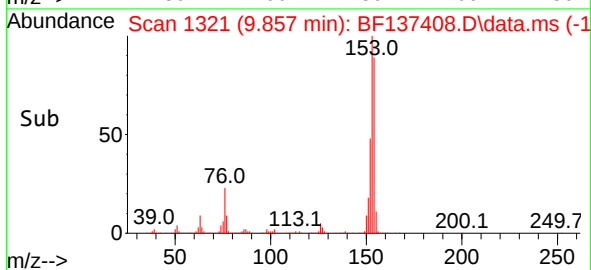
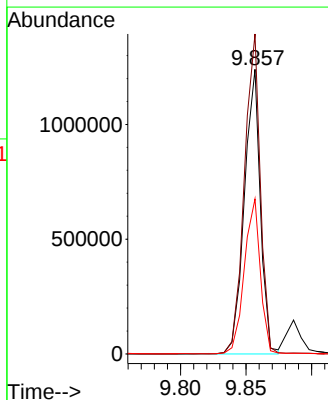
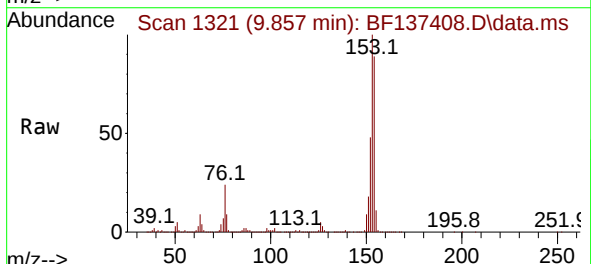
APPROVED

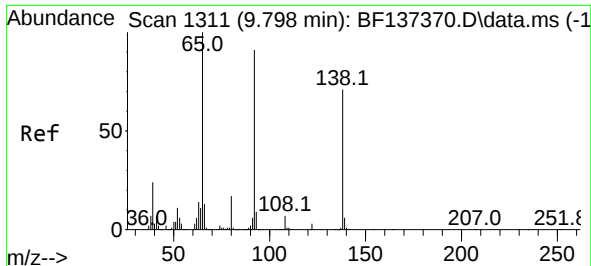
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#52
Acenaphthene
Concen: 43.291 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

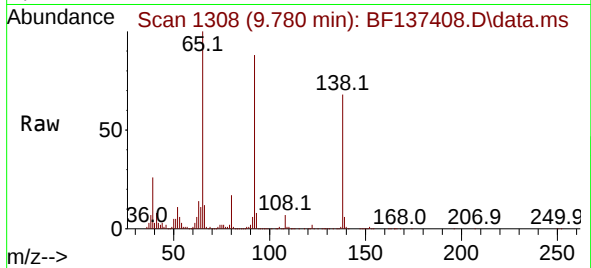
Tgt Ion:154 Resp: 1055079
Ion Ratio Lower Upper
154 100
153 112.4 90.6 135.8
152 54.5 44.1 66.1





#53
3-Nitroaniline
Concen: 19.470 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

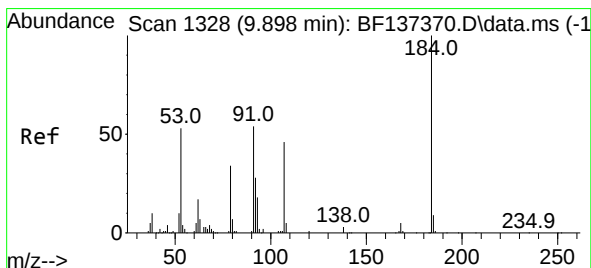
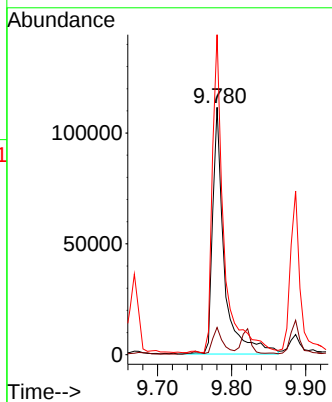
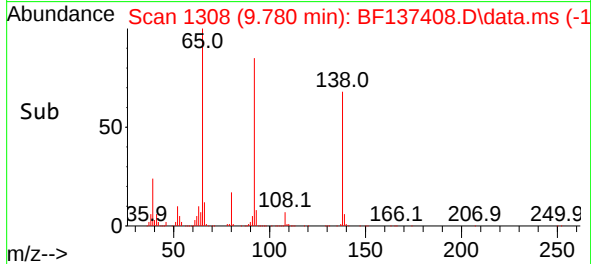
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:138 Resp: 120762
Ion Ratio Lower Upper
138 100
108 11.0 8.2 12.2
92 129.4 102.2 153.2

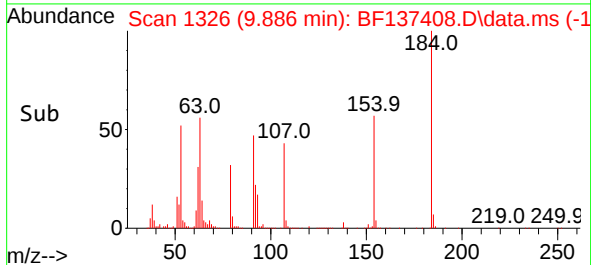
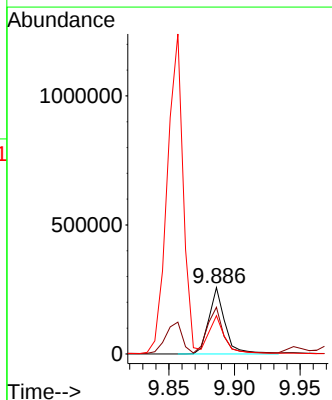
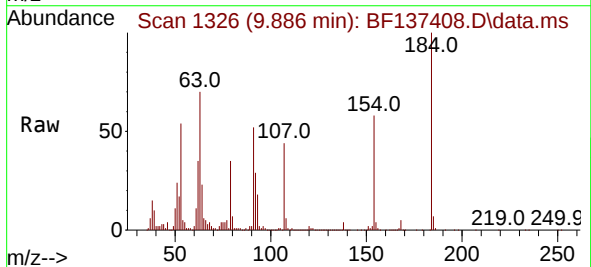
Manual Integrations
APPROVED

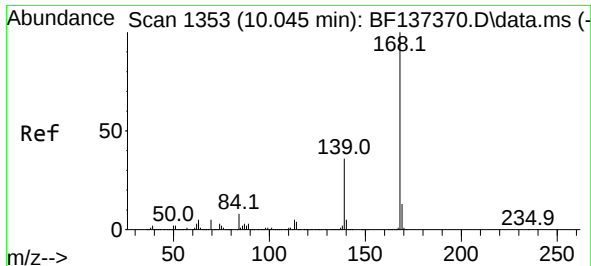
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#54
2,4-Dinitrophenol
Concen: 76.602 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:184 Resp: 221302
Ion Ratio Lower Upper
184 100
63 70.4 55.9 83.9
154 57.5 47.6 71.4





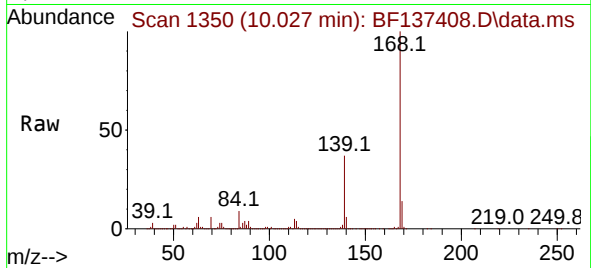
#55
Dibenzenofuran
Concen: 42.809 ng
RT: 10.027 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

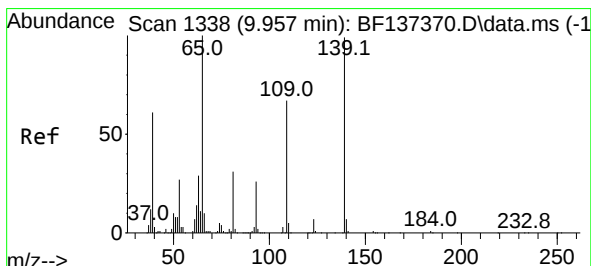
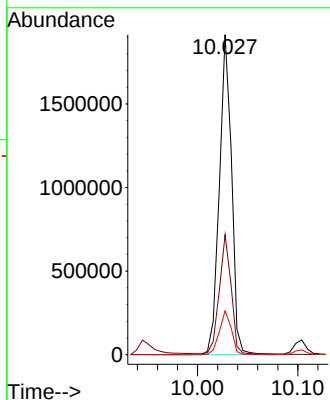
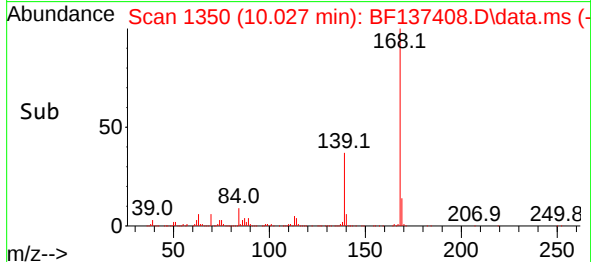


Tgt Ion:168 Resp: 161252
Ion Ratio Lower Upper
168 100
139 37.5 28.9 43.3
169 13.7 10.8 16.2

Manual Integrations

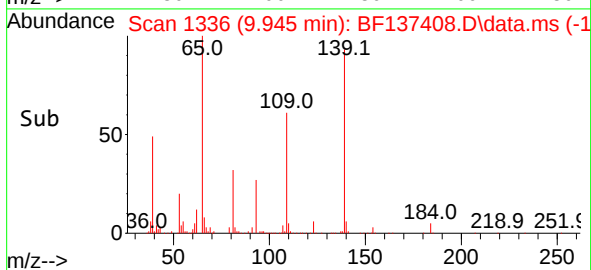
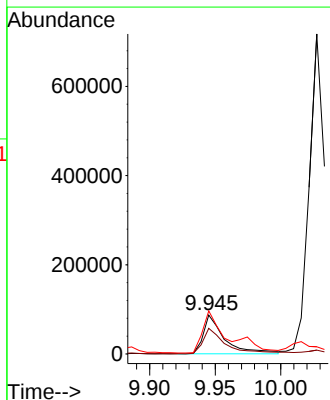
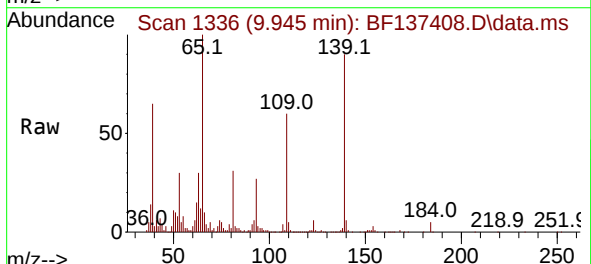
APPROVED

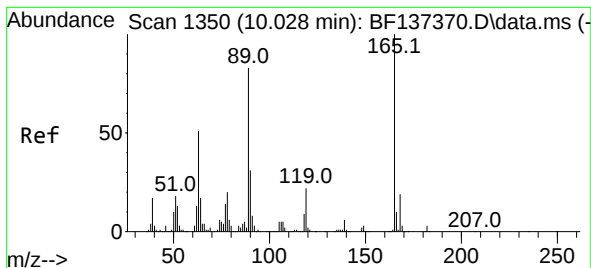
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#56
4-Nitrophenol
Concen: 23.484 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

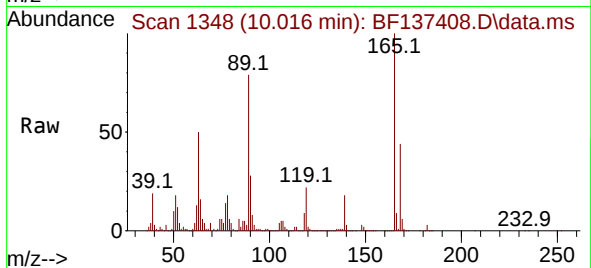
Tgt Ion:139 Resp: 98725
Ion Ratio Lower Upper
139 100
109 66.0 48.0 88.0
65 110.7 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 48.771 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

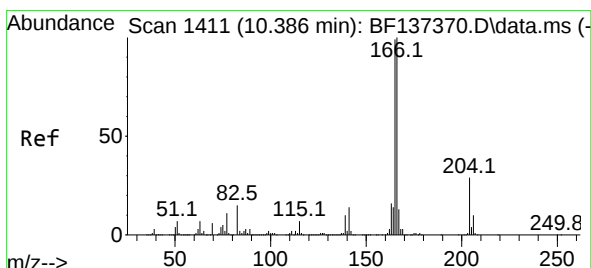
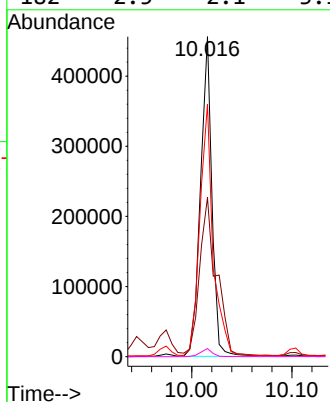
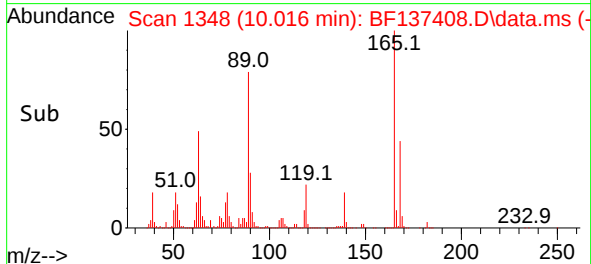
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:165 Resp: 36226
Ion Ratio Lower Upper
165 100
63 49.7 41.1 61.7
89 79.0 66.6 100.0
182 2.5 2.1 3.1

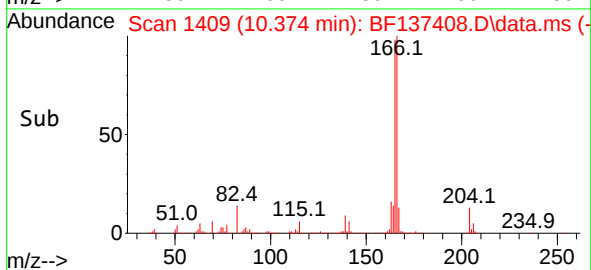
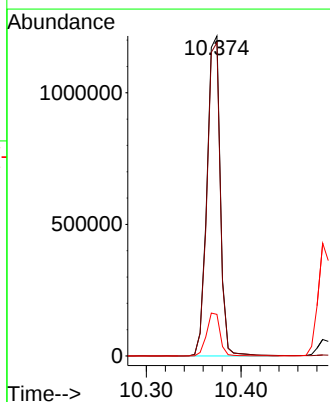
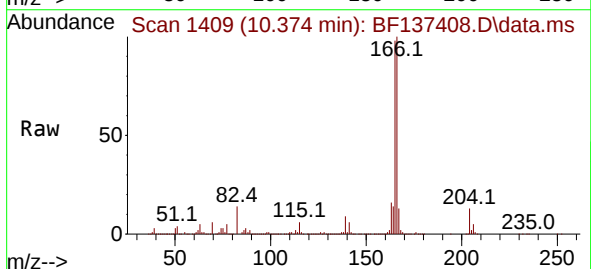
Manual Integrations
APPROVED

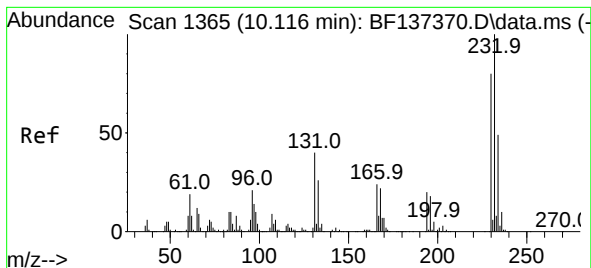
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#58
Fluorene
Concen: 40.933 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

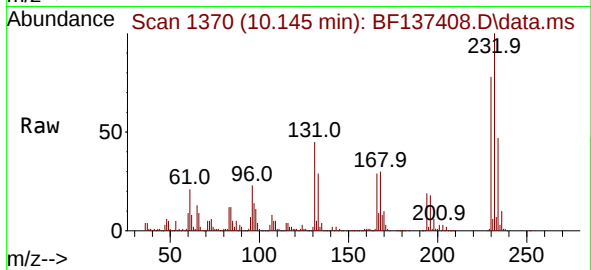
Tgt Ion:166 Resp: 1177497
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.099 ng m
RT: 10.145 min Scan# 1365
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

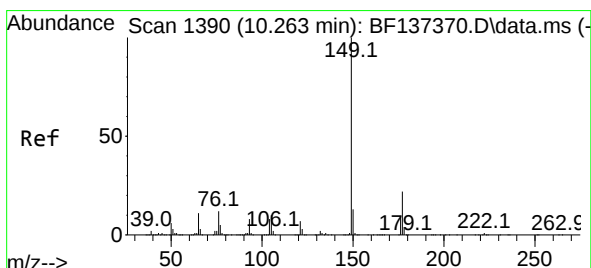
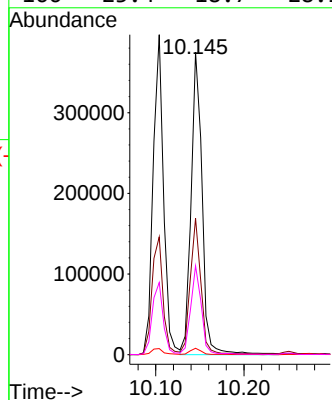
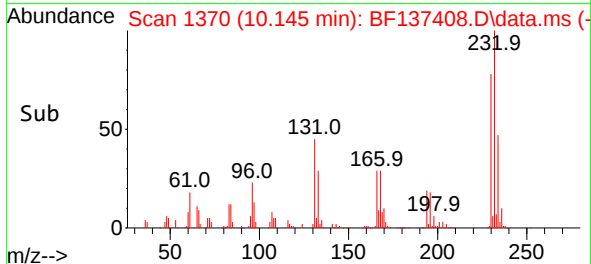
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:232 Resp: 32632
Ion Ratio Lower Upper
232 100
131 39.0 31.1 46.7
130 2.3 1.8 2.6
166 23.4 18.7 28.1

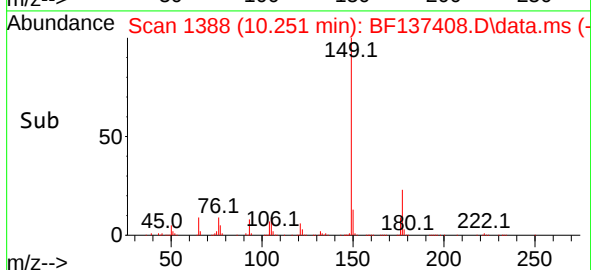
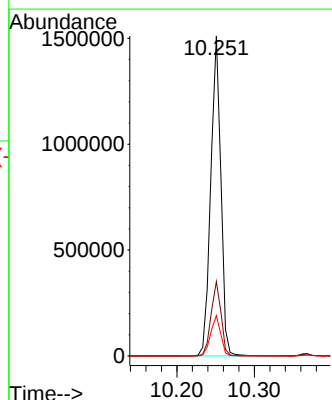
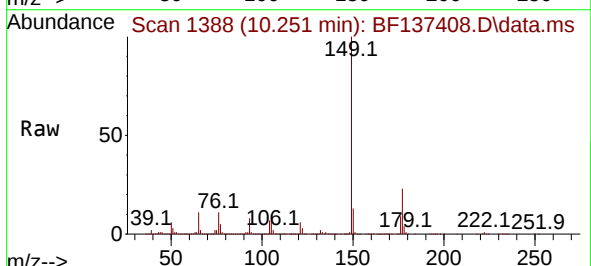
Manual Integrations
APPROVED

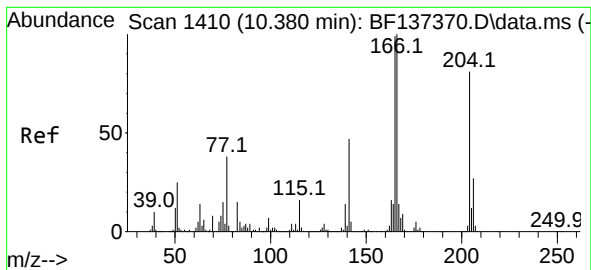
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#60
Diethylphthalate
Concen: 46.440 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

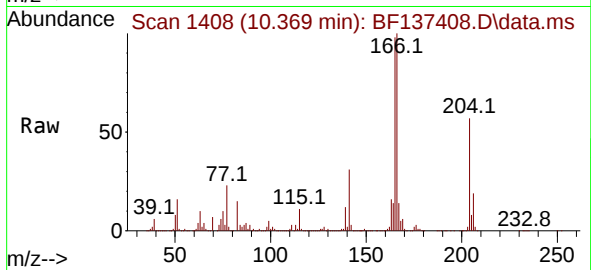
Tgt Ion:149 Resp: 1368807
Ion Ratio Lower Upper
149 100
177 23.3 18.0 27.0
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.333 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

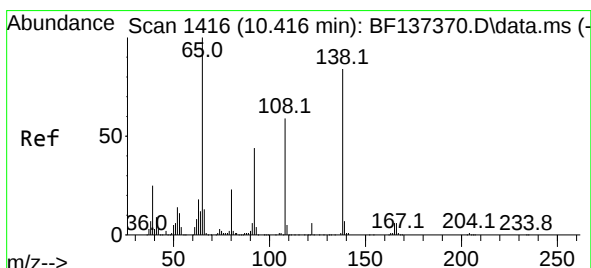
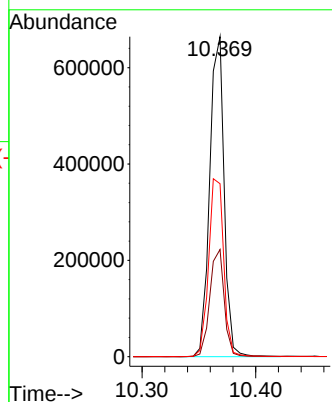
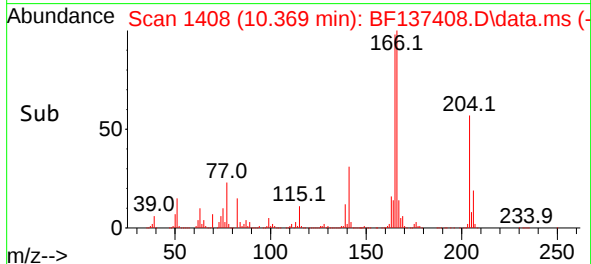
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:204 Resp: 58489
Ion Ratio Lower Upper
204 100
206 33.5 26.8 40.2
141 54.1 46.4 69.6

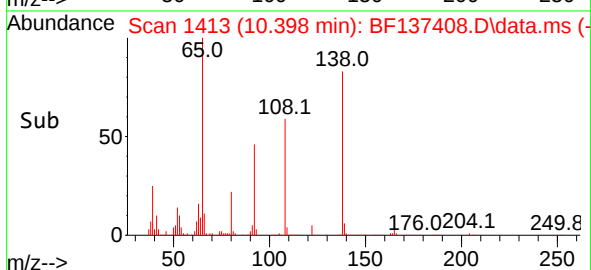
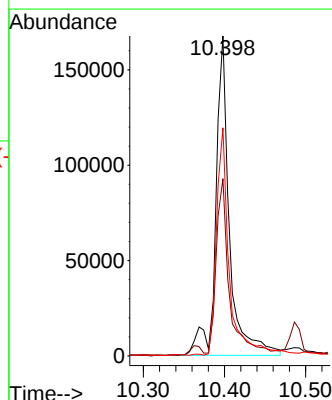
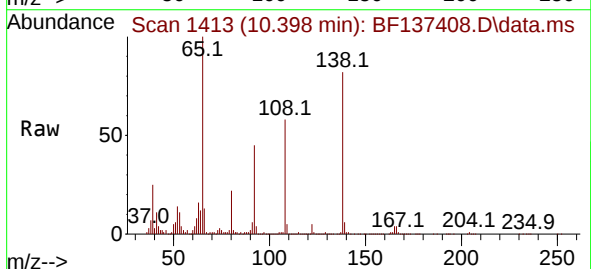
Manual Integrations
APPROVED

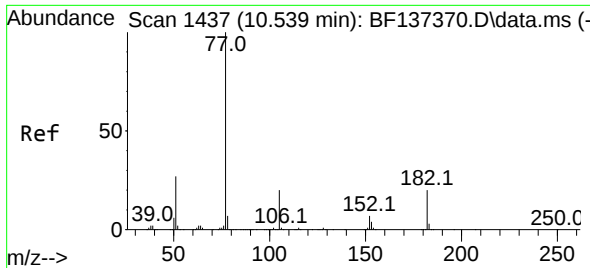
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#62
4-Nitroaniline
Concen: 32.331 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

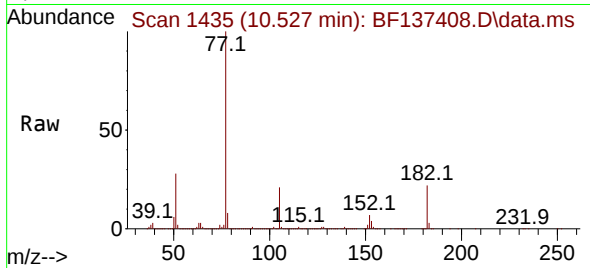
Tgt Ion:138 Resp: 196149
Ion Ratio Lower Upper
138 100
92 55.4 33.4 73.4
108 71.3 50.4 90.4





#63
Azobenzene
Concen: 42.615 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

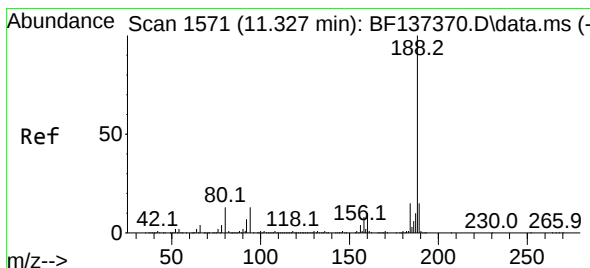
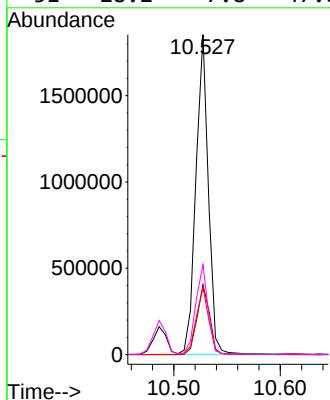
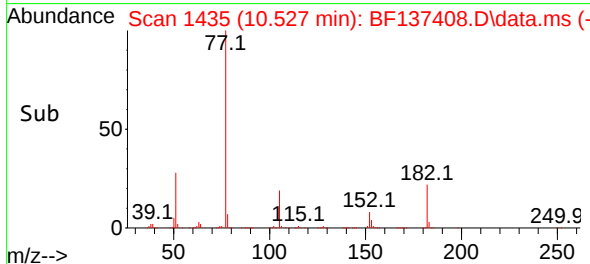
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 77 Resp: 1502809
Ion Ratio Lower Upper
77 100
182 21.9 0.0 39.6
105 21.0 0.4 40.4
51 28.2 7.8 47.8

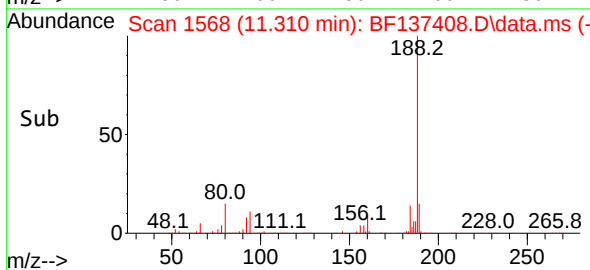
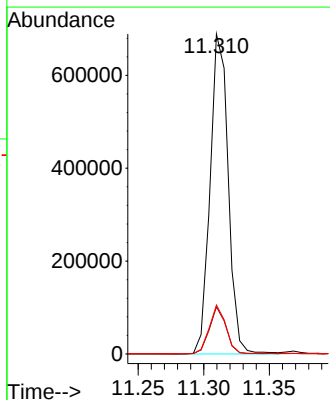
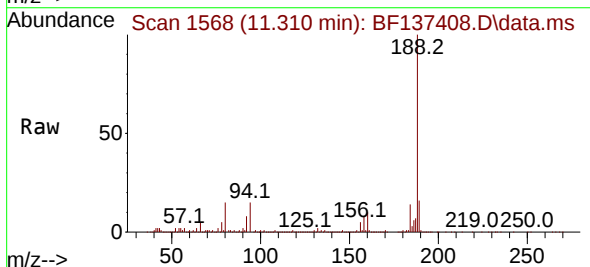
Manual Integrations
APPROVED

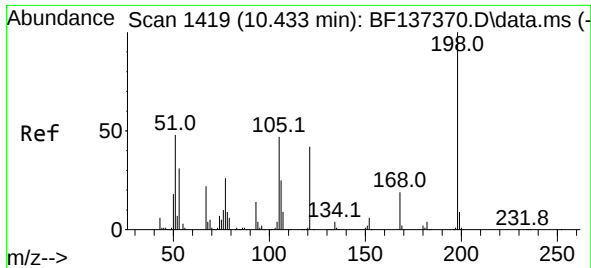
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:188 Resp: 662087
Ion Ratio Lower Upper
188 100
94 14.7 10.2 15.2
80 15.3 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 48.555 ng
RT: 10.421 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

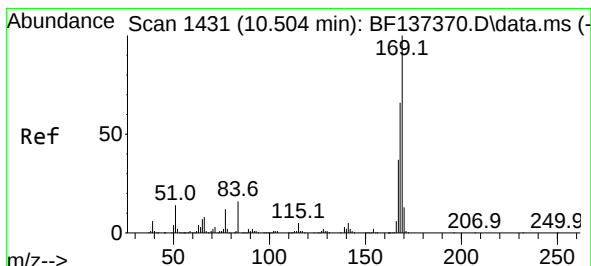
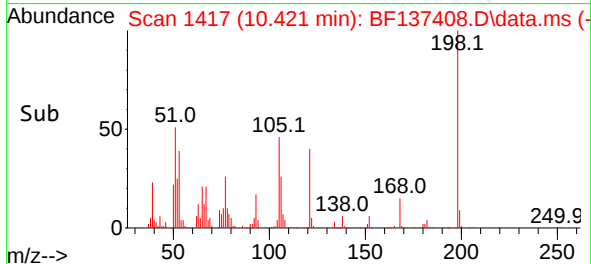
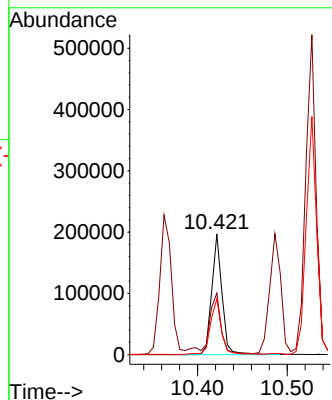
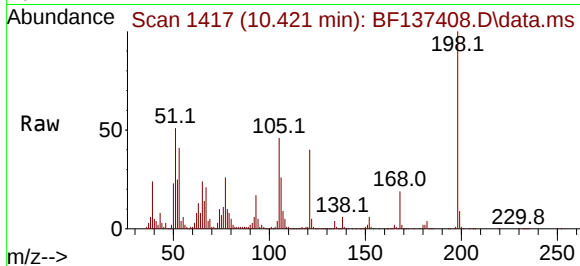
20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:198 Resp: 157384
Ion Ratio Lower Upper
198 100
51 51.0 36.8 76.8
105 46.2 28.5 68.5

Manual Integrations

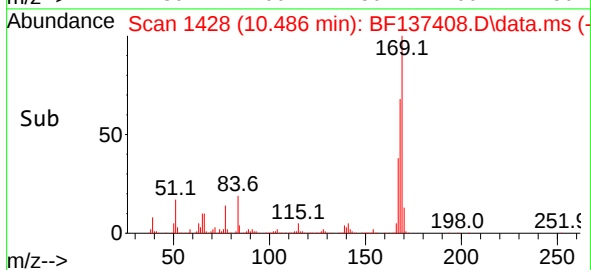
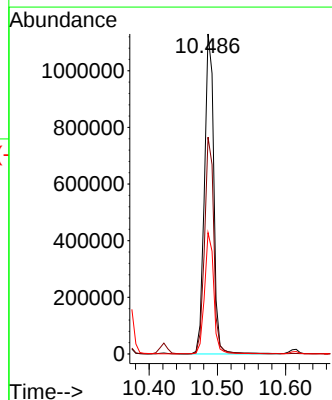
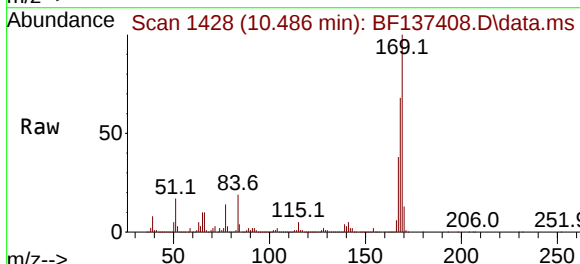
APPROVED

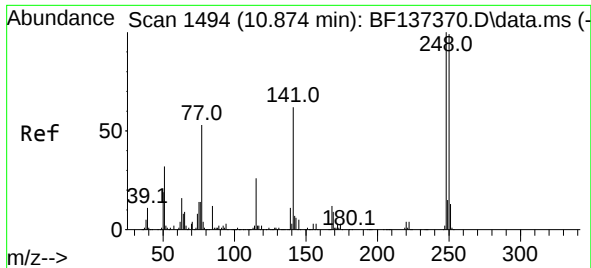
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#66
n-Nitrosodiphenylamine
Concen: 49.893 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

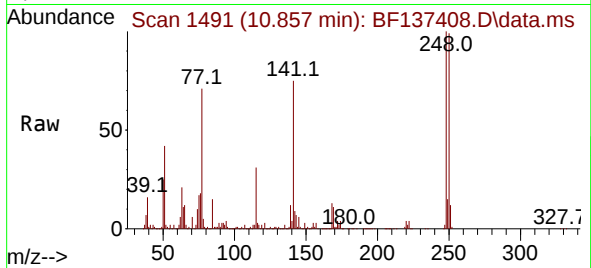
Tgt Ion:169 Resp: 1072821
Ion Ratio Lower Upper
169 100
168 67.8 53.0 79.4
167 37.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 51.071 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

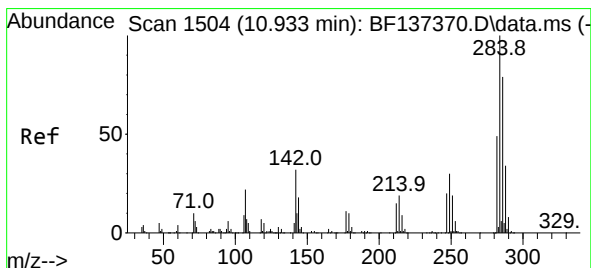
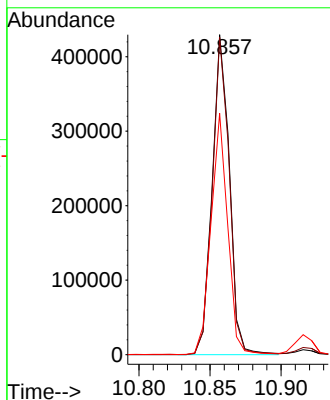
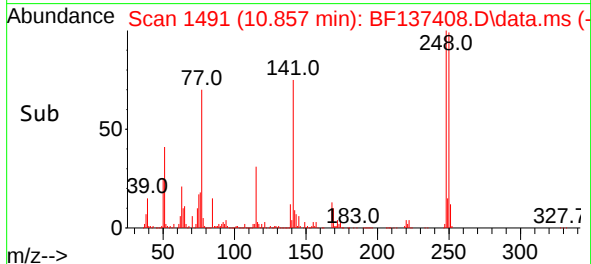
Instrument :
BNA_F
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:248 Resp: 363509
Ion Ratio Lower Upper
248 100
250 99.2 79.0 118.6
141 75.5 49.9 74.9

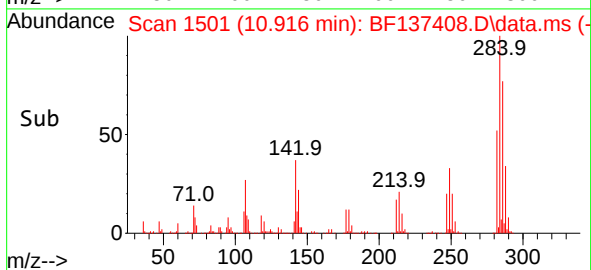
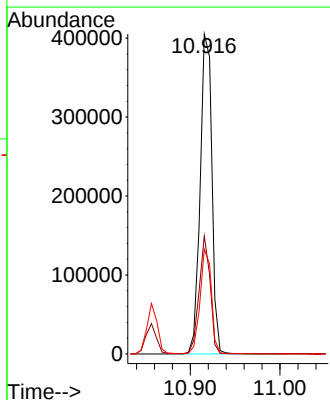
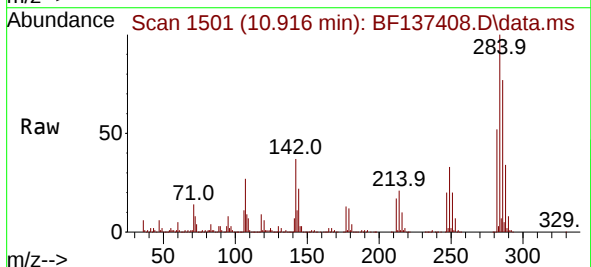
Manual Integrations
APPROVED

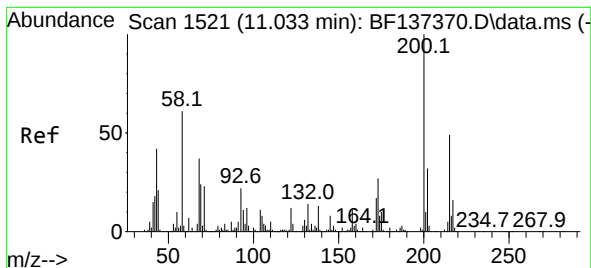
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#68
Hexachlorobenzene
Concen: 50.074 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:284 Resp: 368697
Ion Ratio Lower Upper
284 100
142 36.9 25.4 38.0
249 32.8 24.2 36.4





#69

Atrazine

Concen: 54.352 ng

RT: 11.021 min Scan# 11021

Delta R.T. -0.012 min

Lab File: BF137408.D

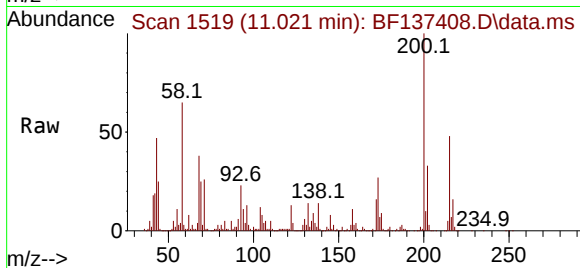
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



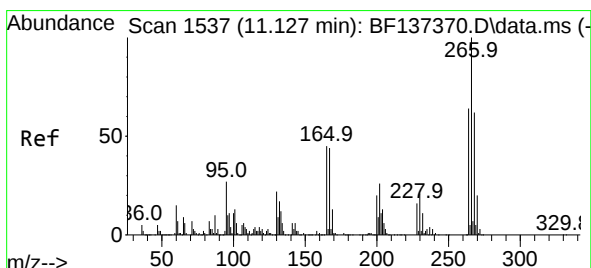
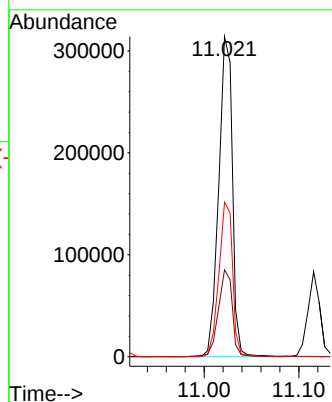
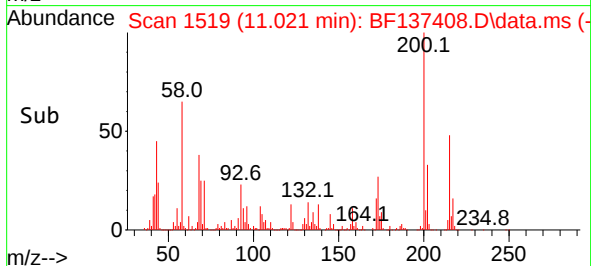
Tgt Ion:200 Resp: 31540

Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.8	46.8
215	48.3	29.4	69.4

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 82.739 ng

RT: 11.116 min Scan# 1535

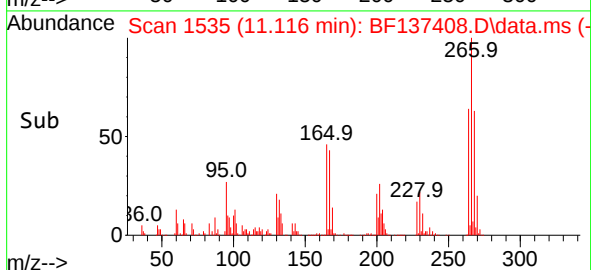
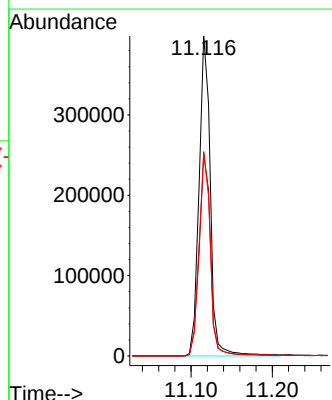
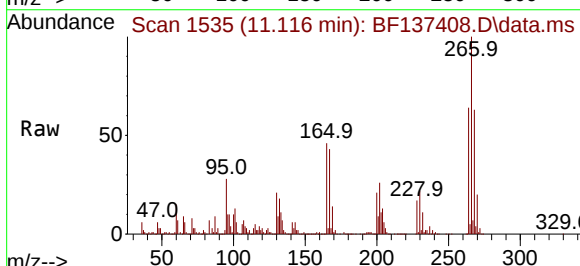
Delta R.T. -0.012 min

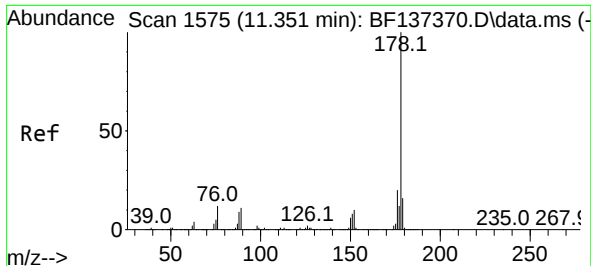
Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Tgt Ion:266 Resp: 385983

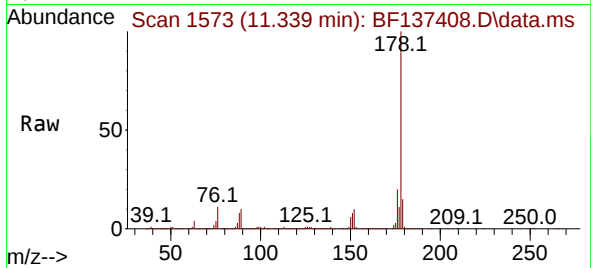
Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.4	74.2
264	63.8	51.3	76.9





#71
Phenanthrene
Concen: 44.566 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

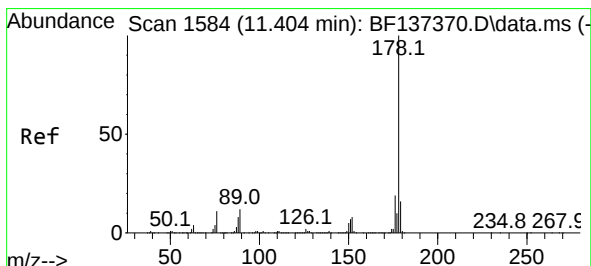
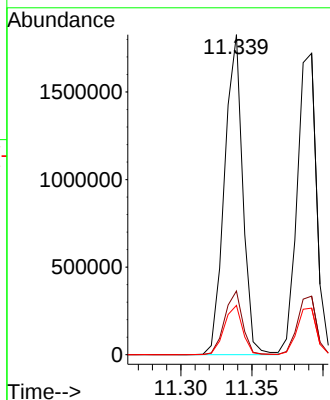
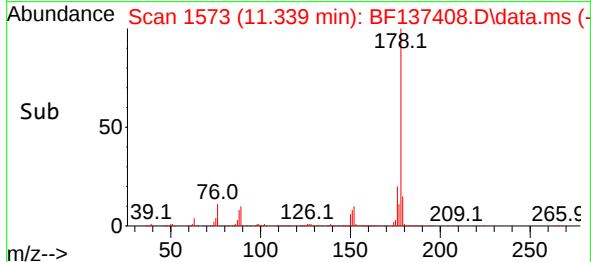
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:178 Resp: 1627923
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.4 12.7 19.1

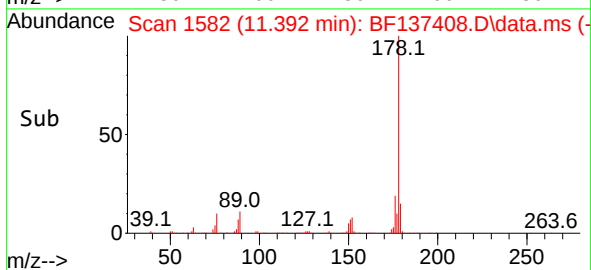
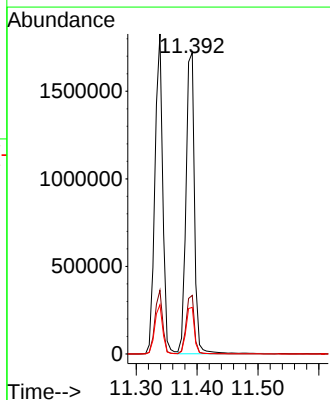
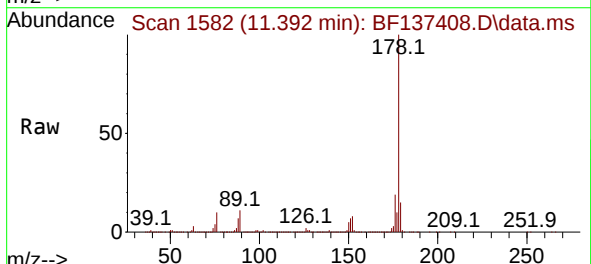
Manual Integrations
APPROVED

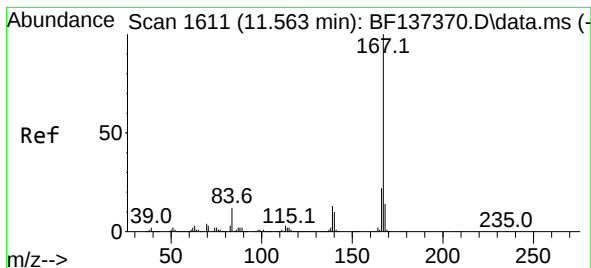
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#72
Anthracene
Concen: 44.032 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:178 Resp: 1657551
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.6 18.8





#73

Carbazole

Concen: 42.187 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:167 Resp: 1356874

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

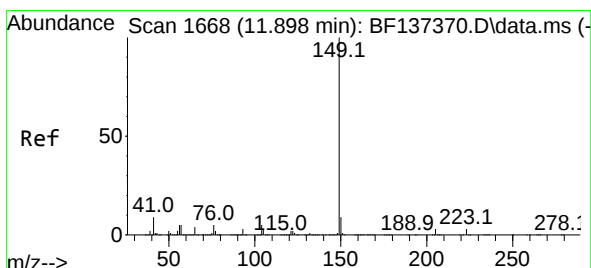
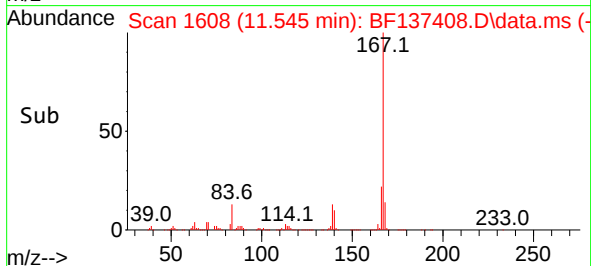
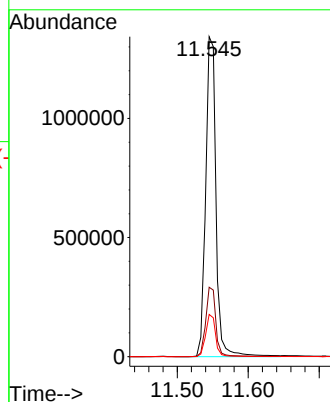
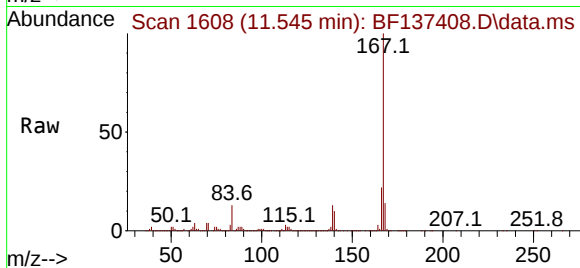
139 13.2 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024

Supervised By :mohammad ahmed 02/29/2024



#74

Di-n-butylphthalate

Concen: 61.228 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

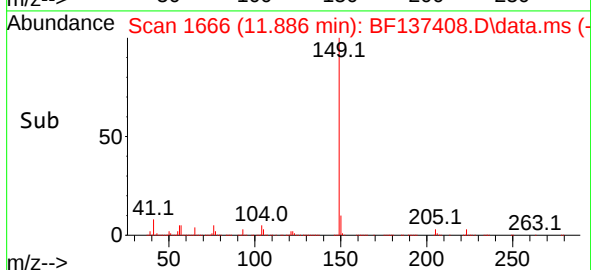
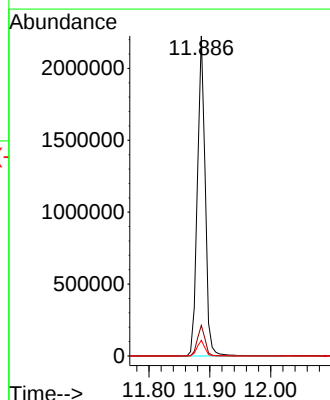
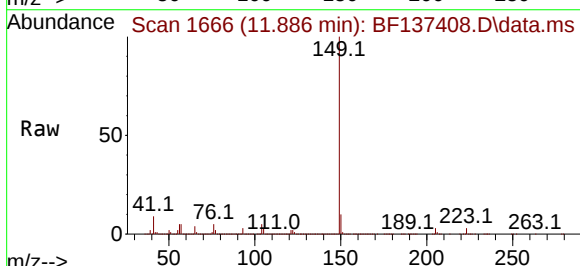
Tgt Ion:149 Resp: 1970501

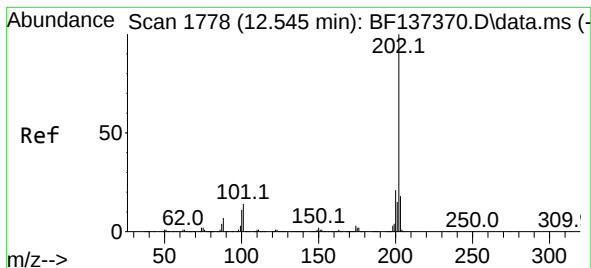
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 39.543 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

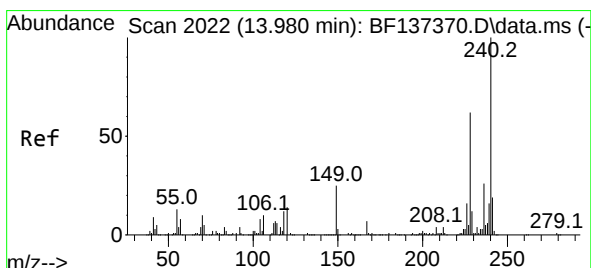
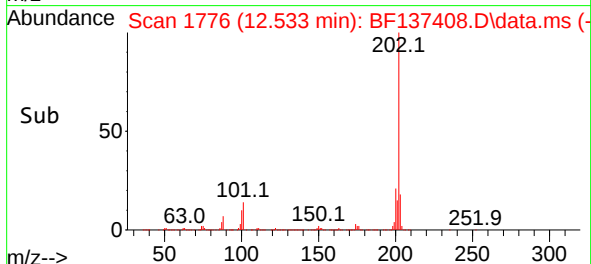
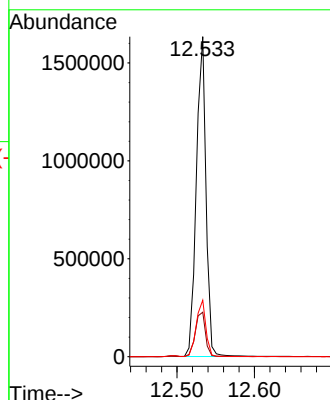
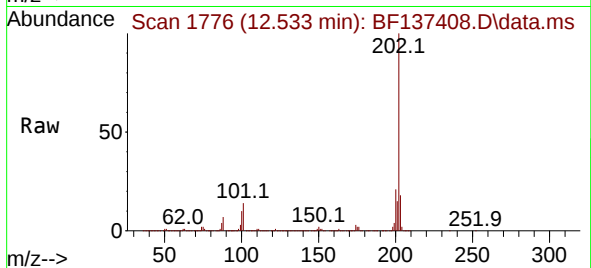
Tgt Ion:202 Resp: 1409964

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.9
203	17.6	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: 13.968 min Scan# 2020

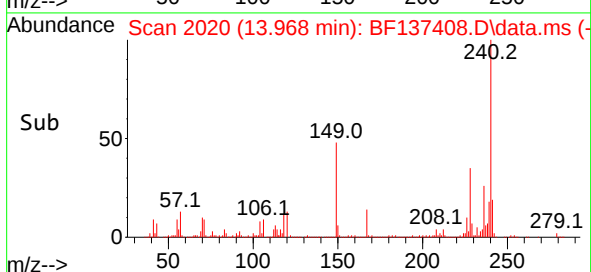
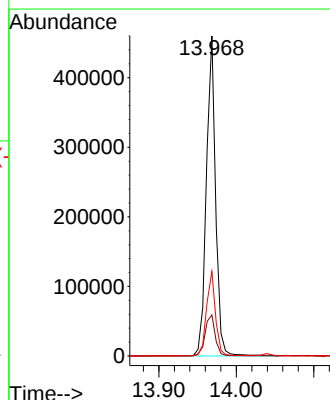
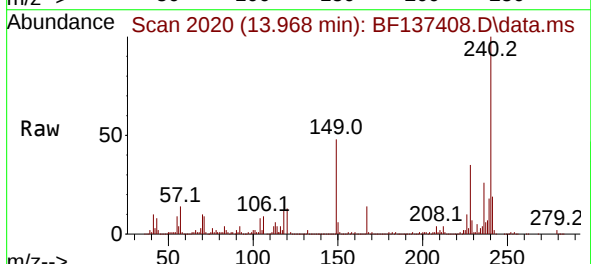
Delta R.T. -0.012 min

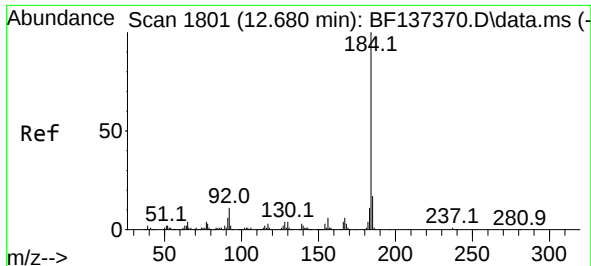
Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Tgt Ion:240 Resp: 381218

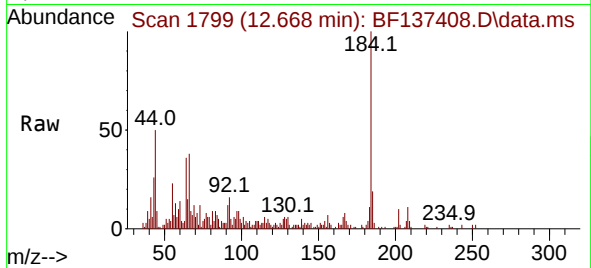
Ion	Ratio	Lower	Upper
240	100		
120	12.8	11.3	16.9
236	26.4	20.5	30.7





#77
Benzidine
Concen: 11.271 ng
RT: 12.668 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

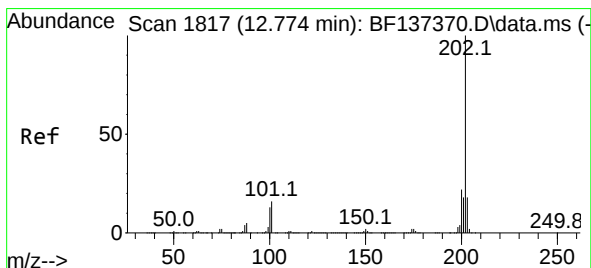
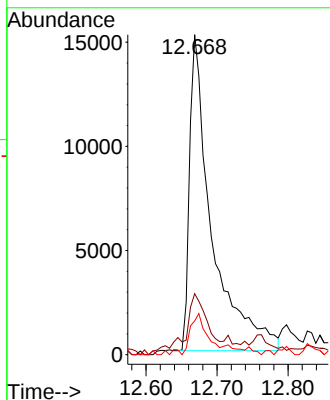
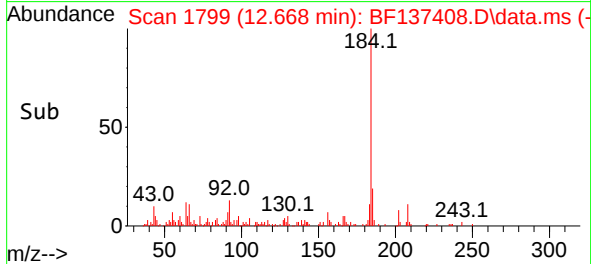
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:184 Resp: 3299
Ion Ratio Lower Upper
184 100
185 19.0 13.7 20.5
183 10.5 8.8 13.2

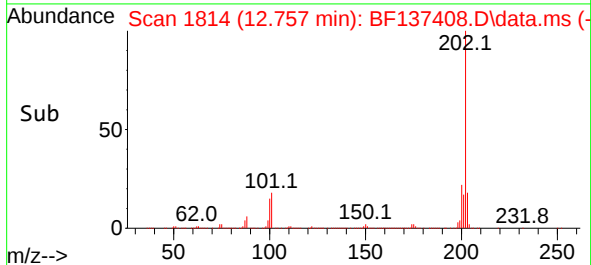
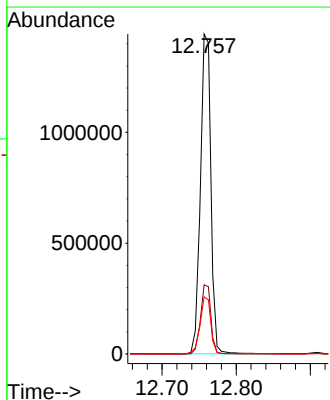
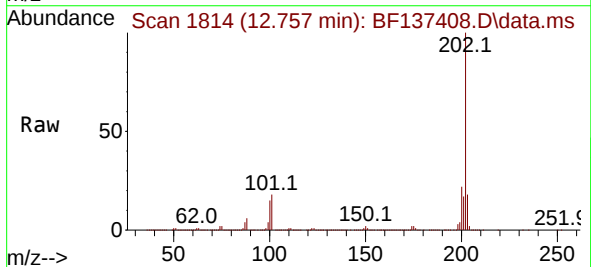
Manual Integrations
APPROVED

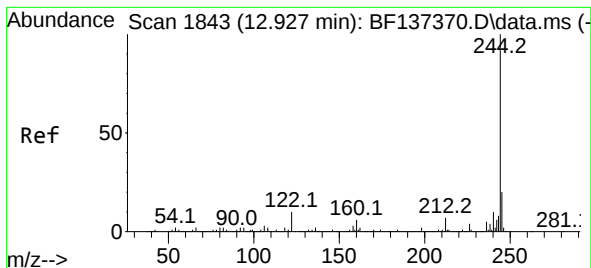
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#78
Pyrene
Concen: 39.252 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

Tgt Ion:202 Resp: 1414931
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 72.592 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.018 min

Lab File: BF137408.D

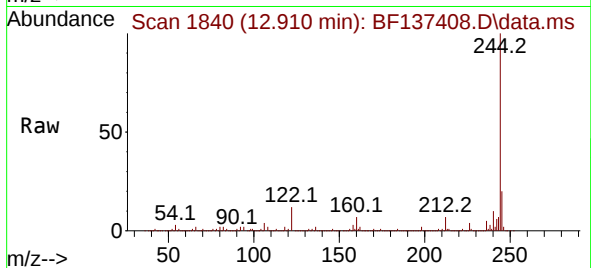
Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:244 Resp: 197854

Ion Ratio Lower Upper

244 100

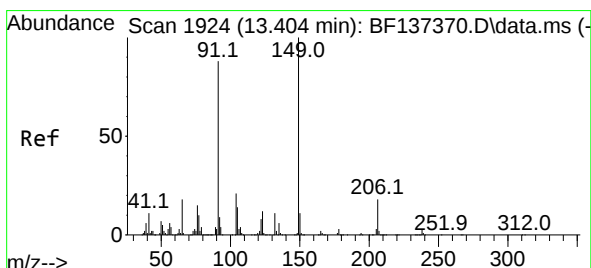
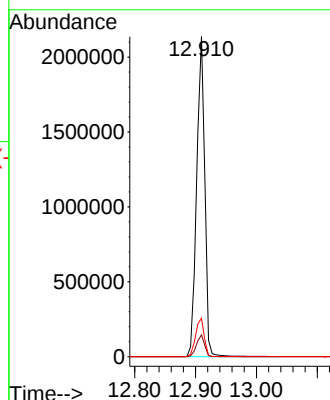
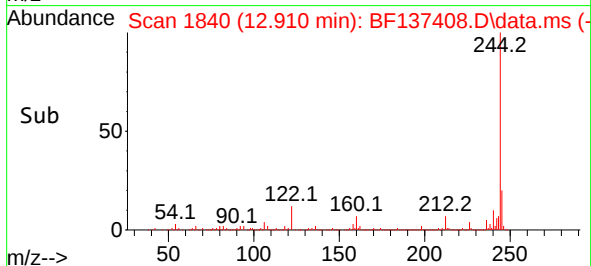
212 6.8 5.3 7.9

122 12.1 8.2 12.4

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 71.508 ng

RT: 13.392 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

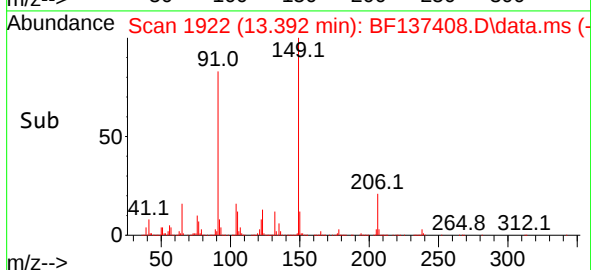
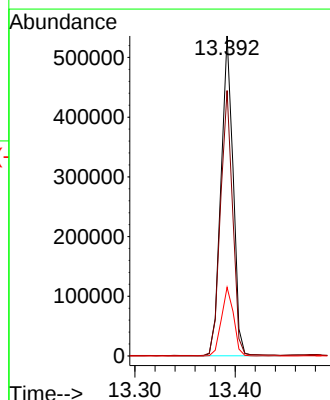
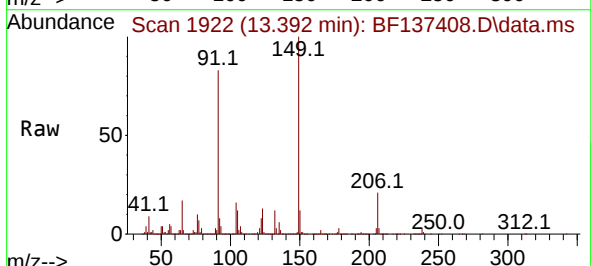
Tgt Ion:149 Resp: 449065

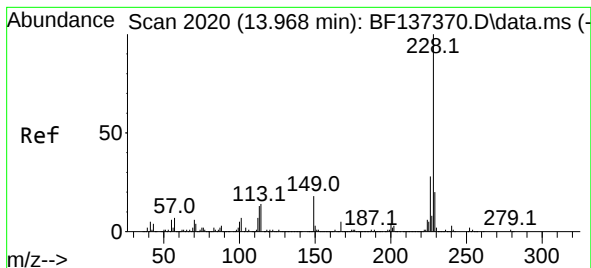
Ion Ratio Lower Upper

149 100

91 83.0 70.5 105.7

206 21.5 14.8 22.2





#81

Benzo(a)anthracene

Concen: 47.081 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:228 Resp: 1245460

Ion Ratio Lower Upper

228 100

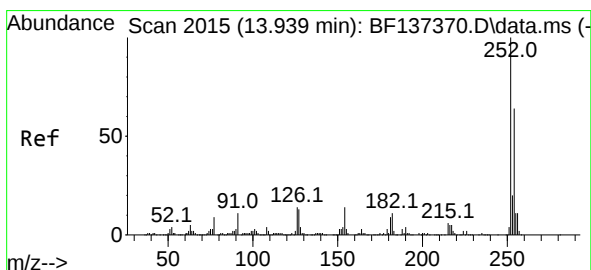
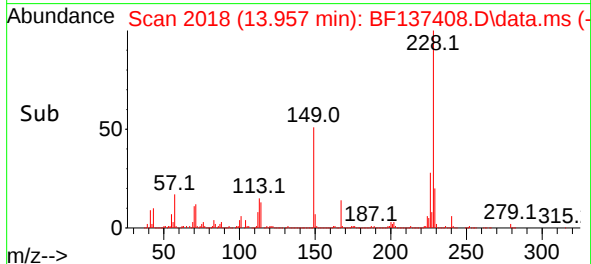
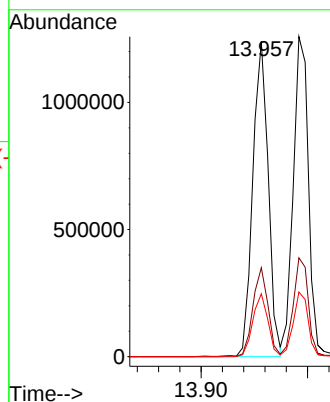
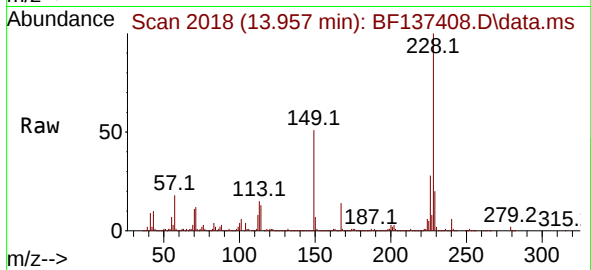
226 28.2 22.1 33.1

229 20.0 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: 42.336 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

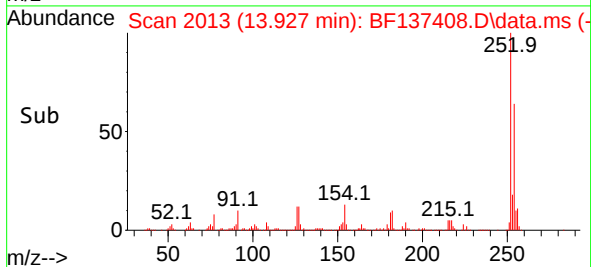
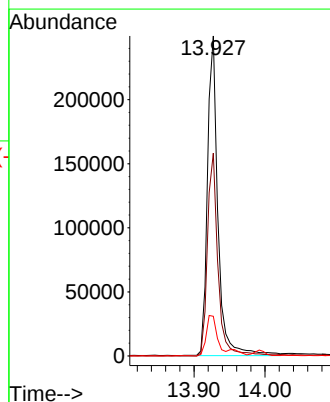
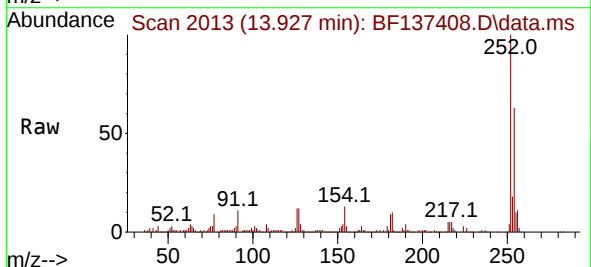
Tgt Ion:252 Resp: 257065

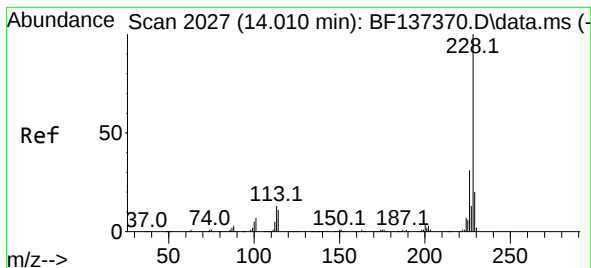
Ion Ratio Lower Upper

252 100

254 63.4 51.2 76.8

126 12.4 11.1 16.7





#83

Chrysene

Concen: 46.957 ng

RT: 13.992 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

Instrument :

BNA_F

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion:228 Resp: 1268918

Ion Ratio Lower Upper

228 100

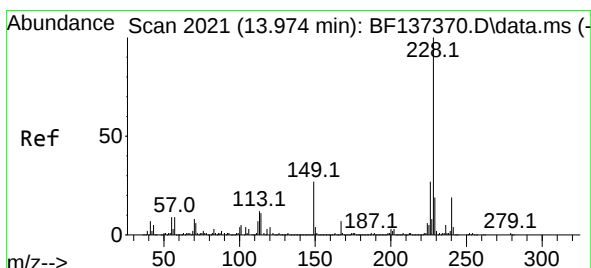
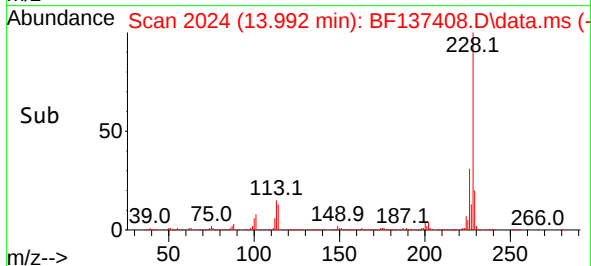
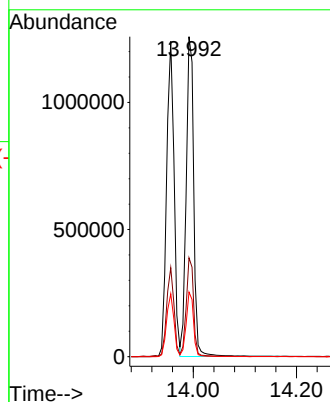
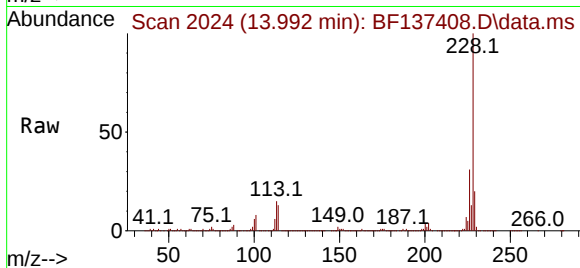
226 30.9 24.6 37.0

229 20.2 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: 82.104 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF137408.D

Acq: 27 Feb 2024 16:45

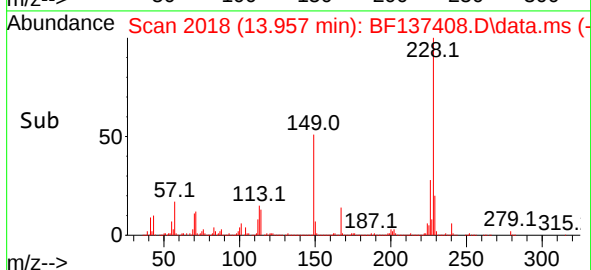
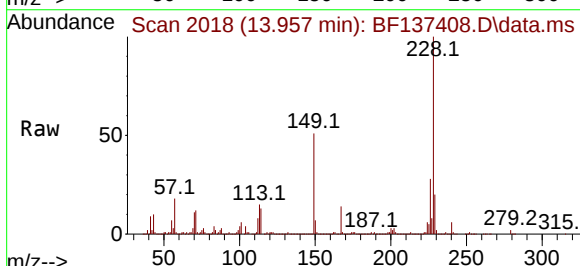
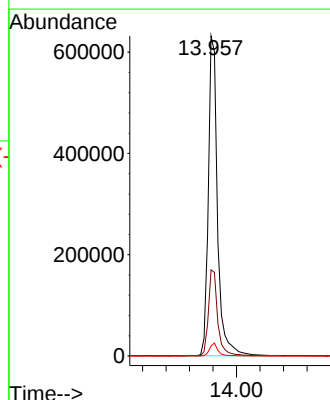
Tgt Ion:149 Resp: 685739

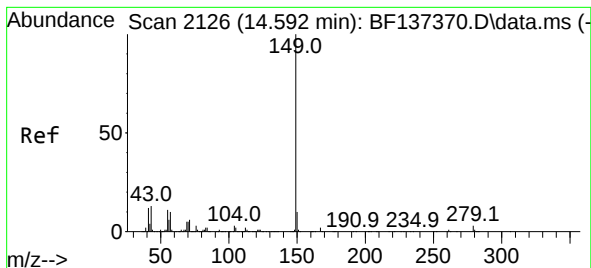
Ion Ratio Lower Upper

149 100

167 26.9 20.6 31.0

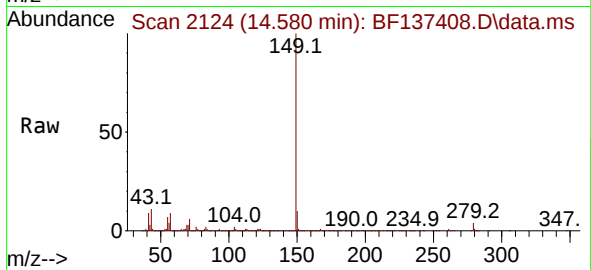
279 3.1 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 82.874 ng
RT: 14.580 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

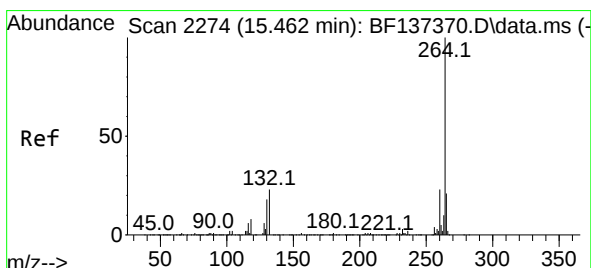
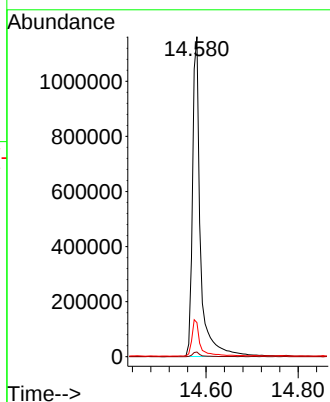
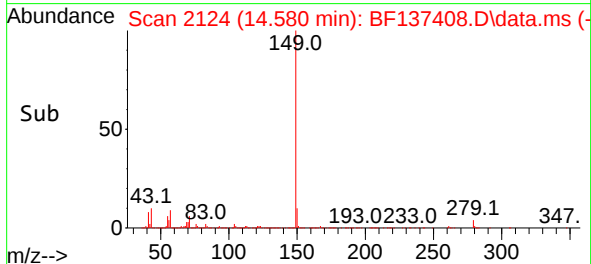
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:149 Resp: 1385119
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.2 13.7 20.5

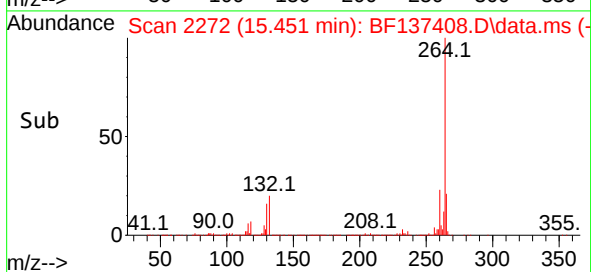
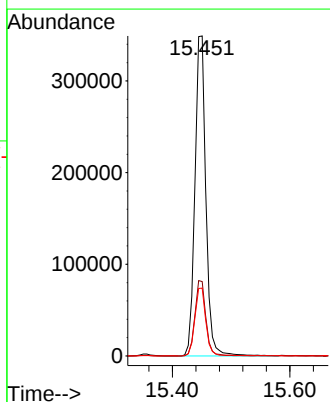
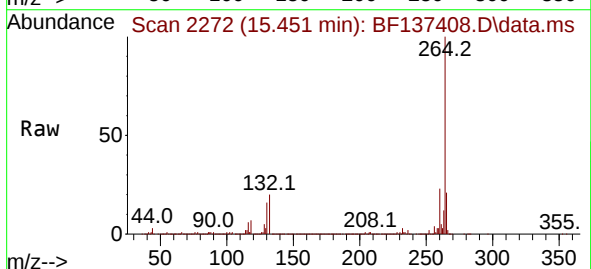
Manual Integrations
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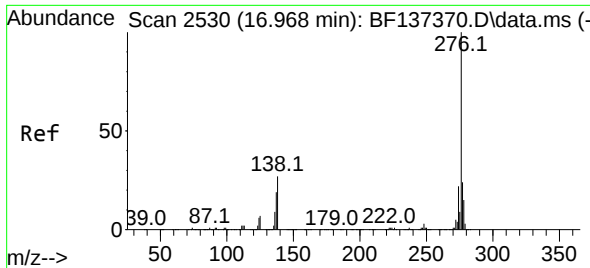
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

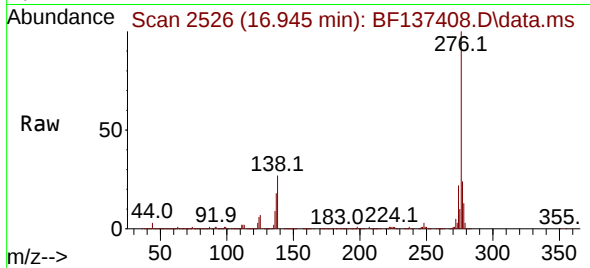
Tgt Ion:264 Resp: 451295
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.2 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 34.197 ng
RT: 16.945 min Scan# 2198
Delta R.T. -0.023 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

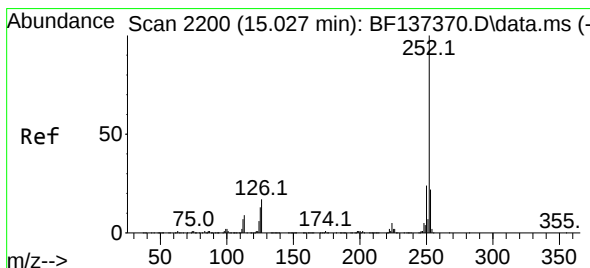
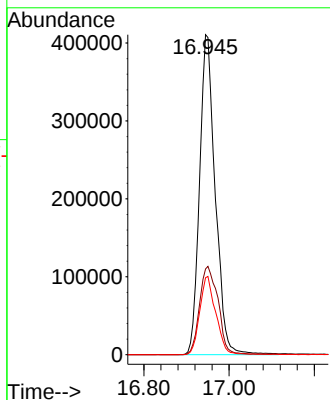
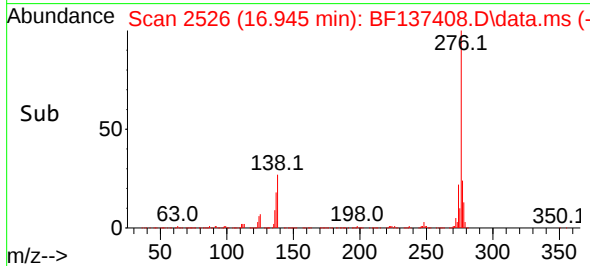
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 276 Resp: 105113
Ion Ratio Lower Upper
276 100
138 32.4 25.8 38.8
277 25.0 19.6 29.4

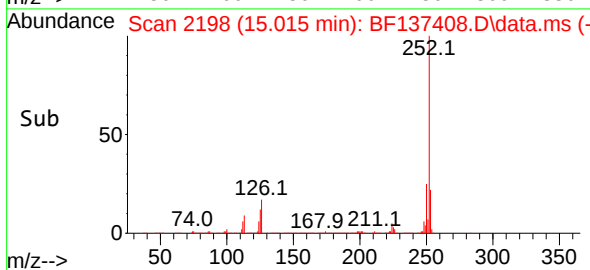
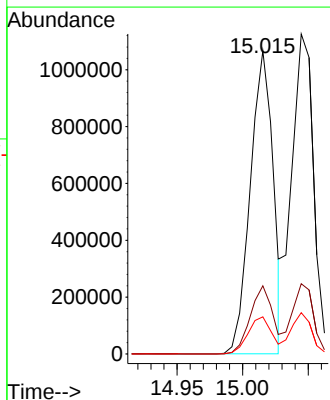
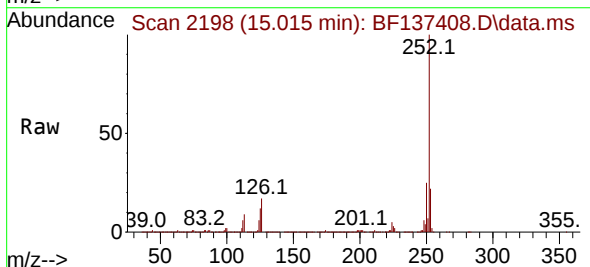
Manual Integrations
APPROVED

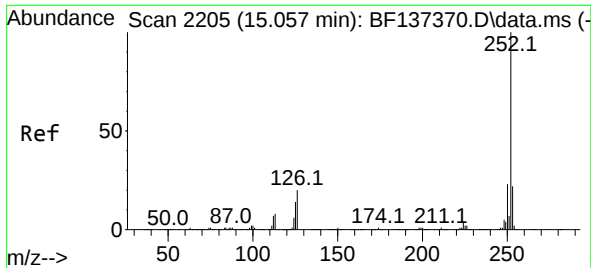
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#88
Benzo(b)fluoranthene
Concen: 46.679 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

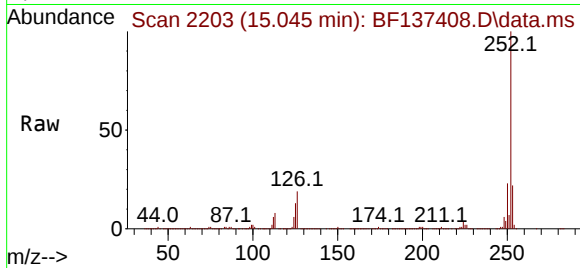
Tgt Ion: 252 Resp: 1292303
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 12.3 10.2 15.2





#89
Benzo(k)fluoranthene
Concen: 45.970 ng
RT: 15.045 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

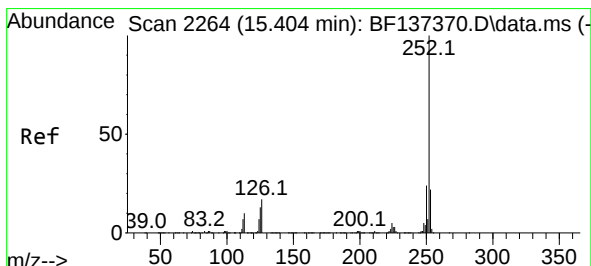
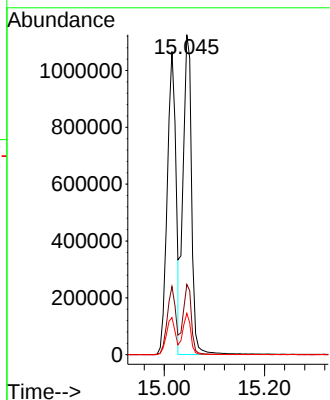
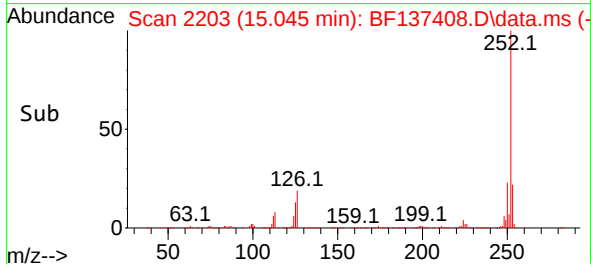
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:252 Resp: 1333880
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.9 10.7 16.1

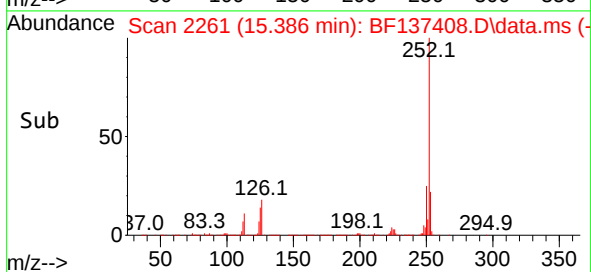
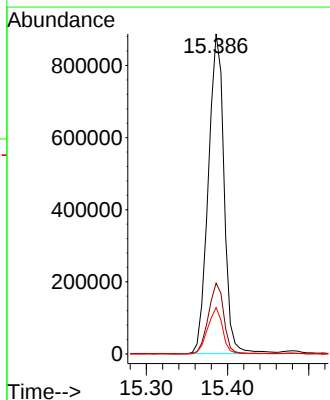
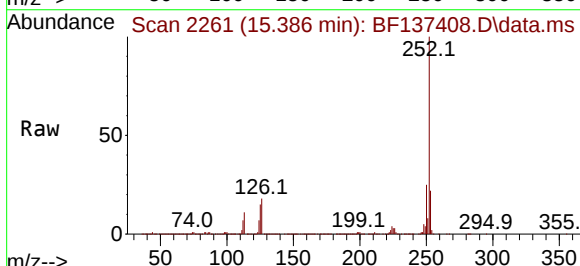
Manual Integrations
APPROVED

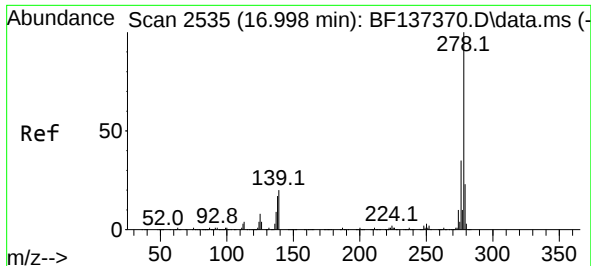
Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024



#90
Benzo(a)pyrene
Concen: 45.417 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.018 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

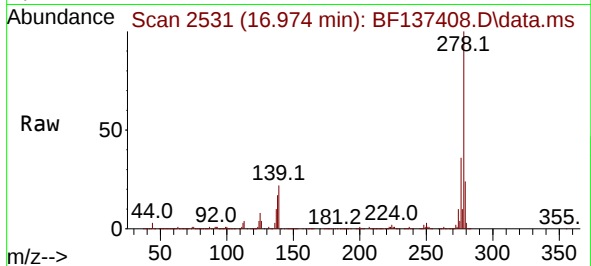
Tgt Ion:252 Resp: 1192647
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 14.5 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 34.373 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.024 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45

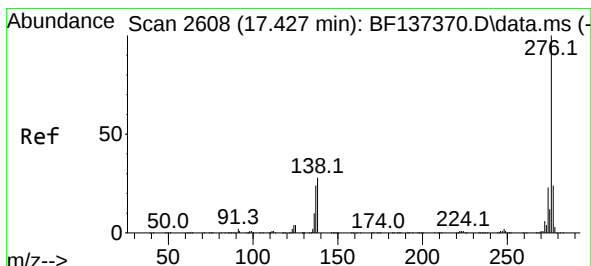
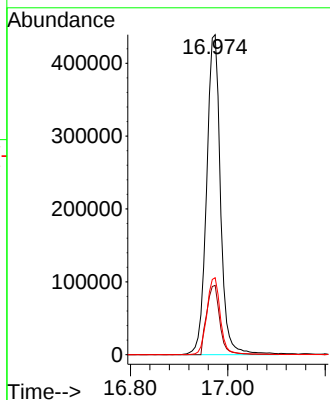
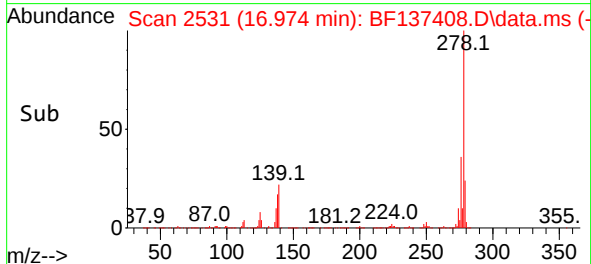
Instrument : BNA_F
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



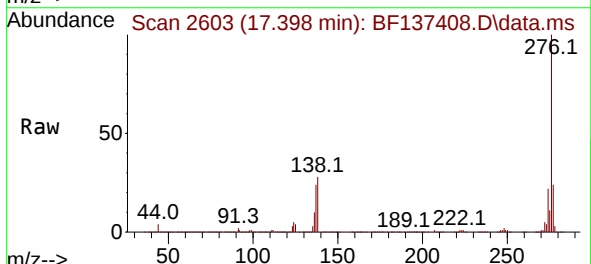
Tgt Ion:278 Resp: 86859
Ion Ratio Lower Upper
278 100
139 21.7 16.2 24.4
279 24.0 18.5 27.7

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 29.455 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.029 min
Lab File: BF137408.D
Acq: 27 Feb 2024 16:45



Tgt Ion:276 Resp: 757575
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 28.3 22.6 33.8

