

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
 Data File : BF137421.D
 Acq On : 28 Feb 2024 14:25
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 28 14:59:38 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	226106	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	871585	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	489027	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	822900	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	440072	20.000	ng	0.00
86) Perylene-d12	15.456	264	366383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1234626	84.255	ng	-0.01
7) Phenol-d6	6.428	99	1713060	79.472	ng	-0.01
23) Nitrobenzene-d5	7.351	82	1528642	87.561	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	335501	78.784	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2358952	75.099	ng	-0.01
79) Terphenyl-d14	12.915	244	2518941	80.060	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	333477	41.543	ng	99
3) Pyridine	3.293	79	857798	42.113	ng	99
4) n-Nitrosodimethylamine	3.269	42	325839	42.818	ng	95
6) Aniline	6.451	93	1086074	42.487	ng	95
8) 2-Chlorophenol	6.575	128	632061	40.216	ng	97
9) Benzaldehyde	6.339	77	457587	44.093	ng	98
10) Phenol	6.439	94	937121	39.724	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	712734	41.578	ng	97
12) 1,3-Dichlorobenzene	6.728	146	664011	39.342	ng	97
13) 1,4-Dichlorobenzene	6.804	146	687343	39.555	ng	97
14) 1,2-Dichlorobenzene	6.957	146	620919	38.630	ng	98
15) Benzyl Alcohol	6.933	79	572232	44.535	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1163073	40.820	ng	97
17) 2-Methylphenol	7.045	107	592074	39.815	ng	98
18) Hexachloroethane	7.292	117	231057	38.587	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	506131	38.104	ng	96
20) 3+4-Methylphenols	7.198	107	671685	39.629	ng	99
22) Acetophenone	7.198	105	852183	40.321	ng	99
24) Nitrobenzene	7.369	77	782431	44.107	ng	95
25) Isophorone	7.610	82	1429629	39.598	ng	99
26) 2-Nitrophenol	7.680	139	311882	46.131	ng	90
27) 2,4-Dimethylphenol	7.728	122	575111	43.314	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	859394	41.298	ng	99
29) 2,4-Dichlorophenol	7.928	162	533123	42.840	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	542201	40.592	ng	98
31) Naphthalene	8.086	128	1857955	39.722	ng	99
32) Benzoic acid	7.857	122	301261	38.661	ng	98
33) 4-Chloroaniline	8.139	127	775913	43.616	ng	98
34) Hexachlorobutadiene	8.204	225	318569	40.146	ng	98
35) Caprolactam	8.522	113	177478	46.117	ng	95
36) 4-Chloro-3-methylphenol	8.627	107	582087	41.258	ng	95
37) 2-Methylnaphthalene	8.780	142	1189153	39.455	ng	100
38) 1-Methylnaphthalene	8.880	142	1104866	38.773	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	536312	39.818	ng	98
41) Hexachlorocyclopentadiene	8.927	237	266639	43.663	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	361614	41.407	ng	98

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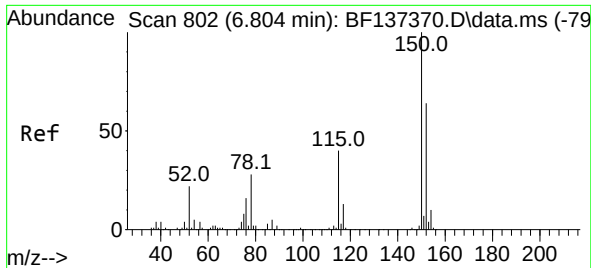
Manual Integrations
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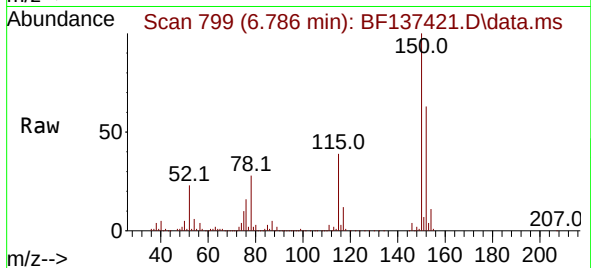
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	414455	41.366	ng	99
46) 1,1'-Biphenyl	9.245	154	1406348	39.485	ng	99
47) 2-Chloronaphthalene	9.269	162	1077378	40.054	ng	99
48) 2-Nitroaniline	9.369	65	382599	46.936	ng	99
49) Acenaphthylene	9.686	152	1700969	38.922	ng	100
50) Dimethylphthalate	9.551	163	1340278	39.663	ng	99
51) 2,6-Dinitrotoluene	9.616	165	286178	45.523	ng	92
52) Acenaphthene	9.857	154	1014002	38.870	ng	99
53) 3-Nitroaniline	9.786	138	316291	44.227	ng	99
54) 2,4-Dinitrophenol	9.886	184	113745	40.864	ng	91
55) Dibenzofuran	10.033	168	1549812	38.438	ng	99
56) 4-Nitrophenol	9.951	139	207188	41.395	ng	97
57) 2,4-Dinitrotoluene	10.016	165	358721	45.197	ng	96
58) Fluorene	10.374	166	1160355	37.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	325690m	39.255	ng	
60) Diethylphthalate	10.257	149	1261559	39.987	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	563948	37.233	ng	99
62) 4-Nitroaniline	10.404	138	295814	44.845	ng	97
63) Azobenzene	10.527	77	1480896	39.233	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	184781	46.117	ng	98
66) n-Nitrosodiphenylamine	10.492	169	1066187	39.894	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	362476	40.974	ng	96
68) Hexachlorobenzene	10.921	284	359574	39.292	ng	98
69) Atrazine	11.027	200	330108	45.770	ng	98
70) Pentachlorophenol	11.121	266	238659	41.161	ng	97
71) Phenanthrene	11.345	178	1763733	38.848	ng	99
72) Anthracene	11.392	178	1859644	39.746	ng	100
73) Carbazole	11.551	167	1605621	40.165	ng	99
74) Di-n-butylphthalate	11.892	149	1836802	45.921	ng	100
75) Fluoranthene	12.533	202	1746855	39.418	ng	98
77) Benzidine	12.668	184	515267	65.601	ng	97
78) Pyrene	12.768	202	1774708	42.649	ng	99
80) Butylbenzylphthalate	13.398	149	408233	60.677	ng	92
81) Benzo(a)anthracene	13.962	228	1237043	40.509	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	336039	47.275	ng	99
83) Chrysene	14.004	228	1244614	39.898	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	472344	56.430	ng	98
85) Di-n-octyl phthalate	14.586	149	785661	53.810	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.968	276	1066518	42.272	ng	100
88) Benzo(b)fluoranthene	15.021	252	911988	40.577	ng	99
89) Benzo(k)fluoranthene	15.056	252	909308	38.600	ng	98
90) Benzo(a)pyrene	15.398	252	879585	41.258	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	868874	41.999	ng	98
92) Benzo(g,h,i)perylene	17.421	276	900569	42.170	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

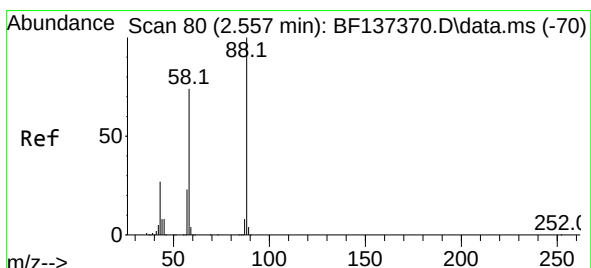
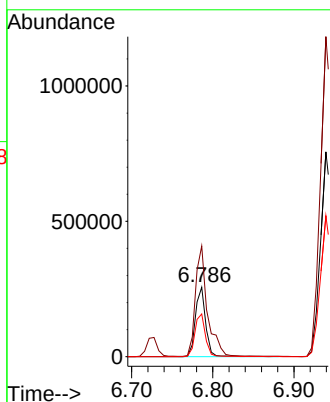
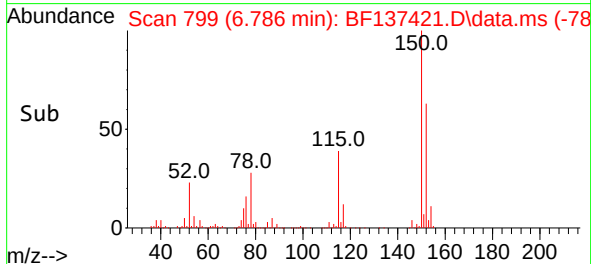
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 226100
Ion Ratio Lower Upper
152 100
150 159.3 125.7 188.5
115 61.4 49.8 74.8

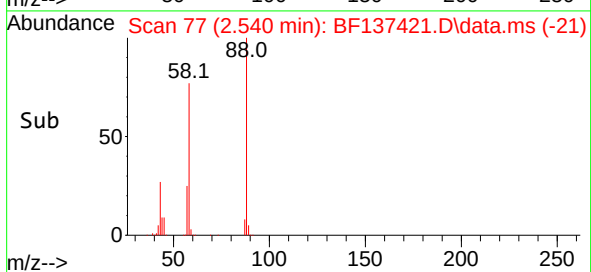
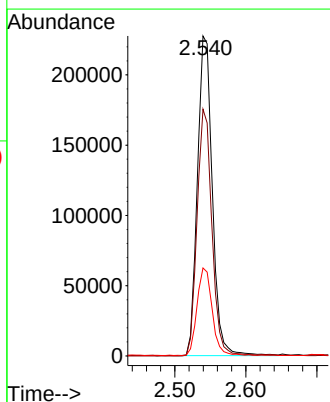
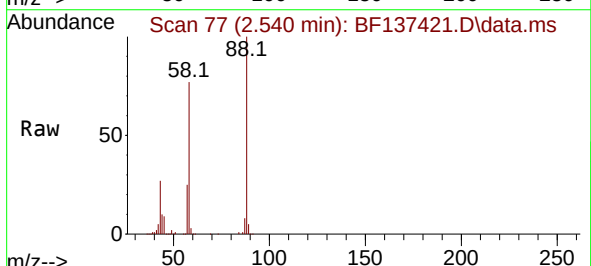
Manual Integrations
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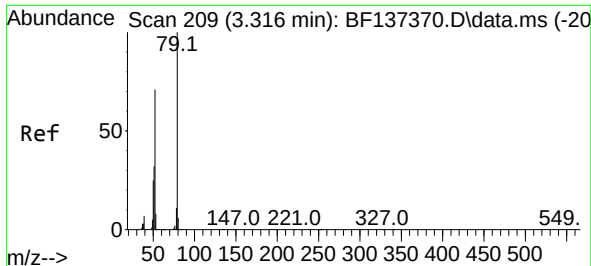
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#2
1,4-Dioxane
Concen: 41.543 ng
RT: 2.540 min Scan# 77
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 88 Resp: 333477
Ion Ratio Lower Upper
88 100
58 76.5 60.6 91.0
43 27.7 22.0 33.0





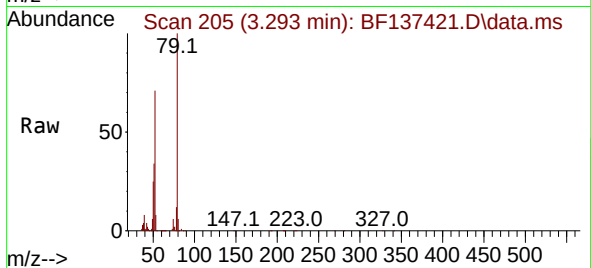
#3
Pyridine
Concen: 42.113 ng
RT: 3.293 min Scan# 20
Delta R.T. -0.023 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

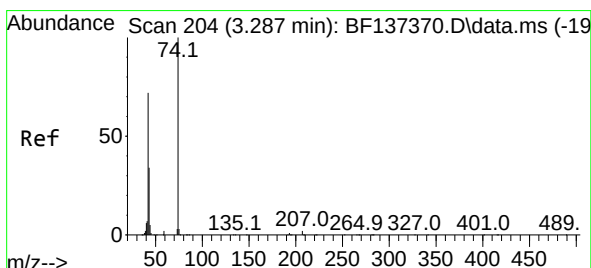
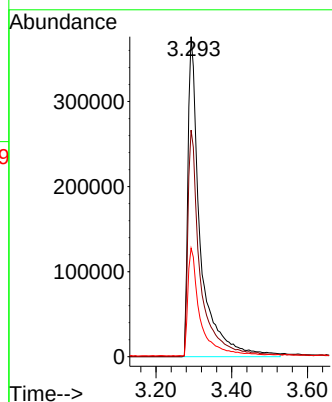
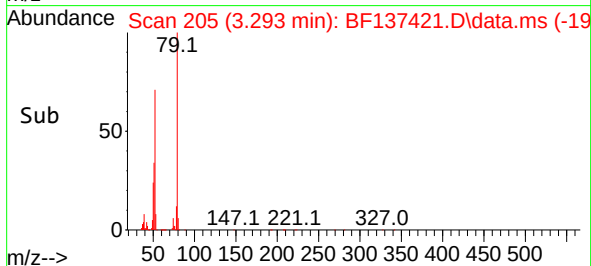


Tgt Ion: 79 Resp: 857798
Ion Ratio Lower Upper
79 100
52 70.8 56.5 84.7
51 33.9 26.2 39.2

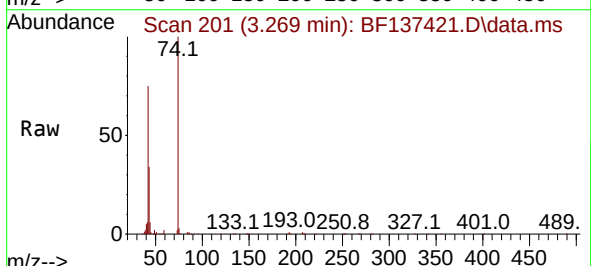
Manual Integrations

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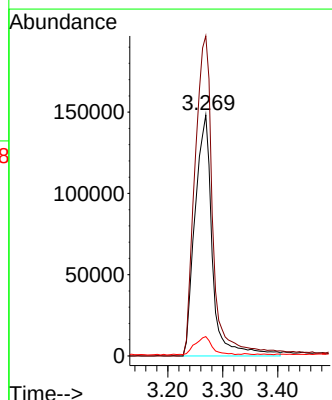
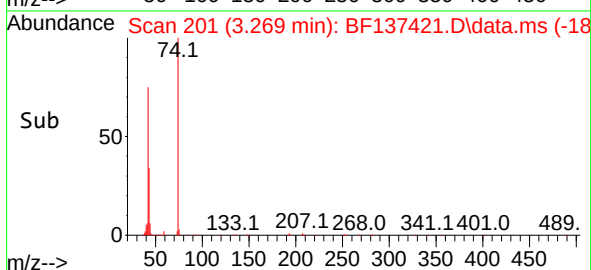
Reviewed By :Jagrut Upadhyay 02/29/2024
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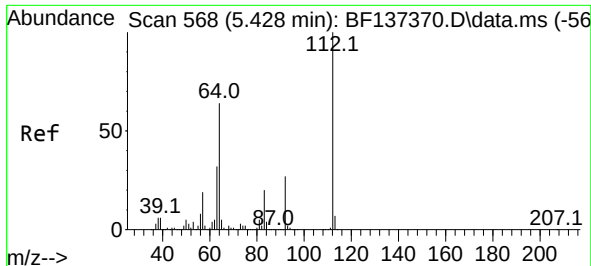


#4
n-Nitrosodimethylamine
Concen: 42.818 ng
RT: 3.269 min Scan# 201
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



Tgt Ion: 42 Resp: 325839
Ion Ratio Lower Upper
42 100
74 132.8 110.8 166.2
44 8.0 6.0 9.0





#5
2-Fluorophenol
Concen: 84.255 ng
RT: 5.416 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

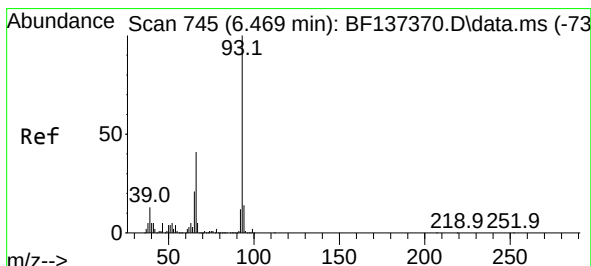
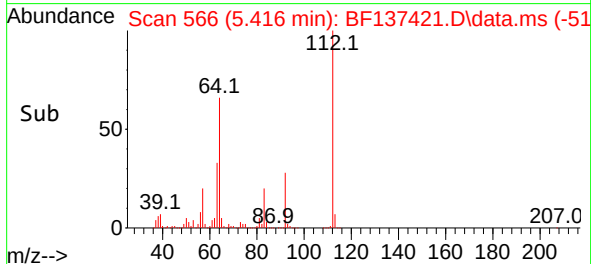
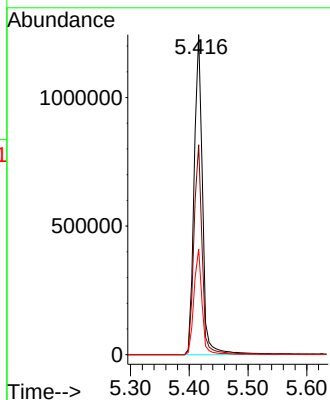
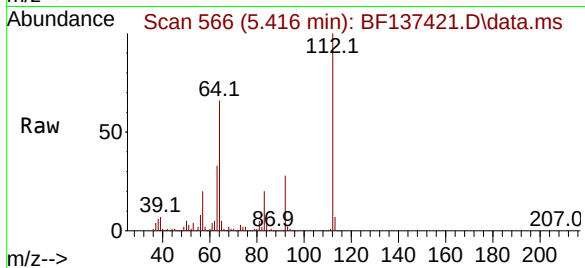
SSTDCCC040

Tgt Ion:112 Resp: 1234620
Ion Ratio Lower Upper
112 100
64 65.6 51.0 76.6
63 33.1 25.7 38.5

Manual Integrations

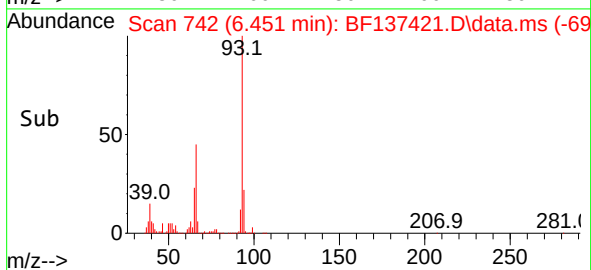
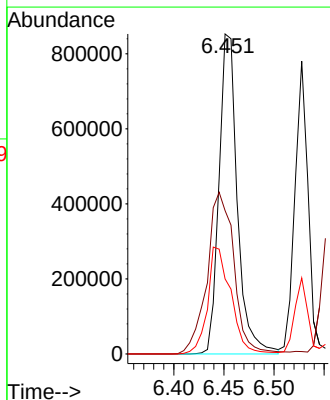
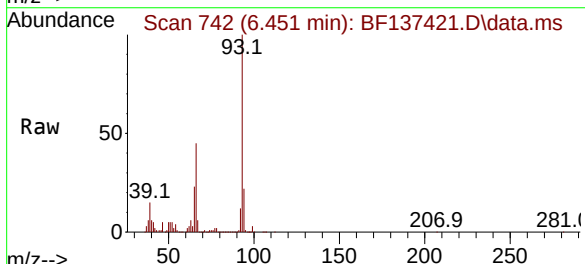
APPROVED

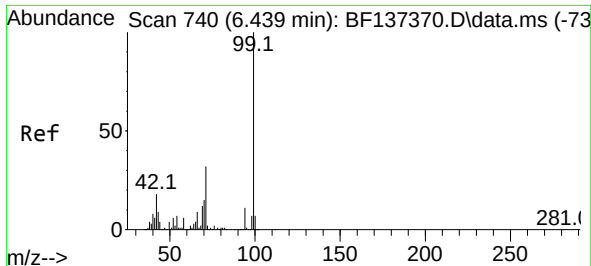
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#6
Aniline
Concen: 42.487 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

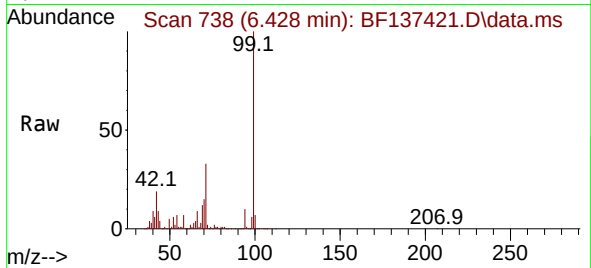
Tgt Ion: 93 Resp: 1086074
Ion Ratio Lower Upper
93 100
66 44.8 33.0 49.4
65 23.4 17.0 25.6





#7
Phenol-d6
Concen: 79.472 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

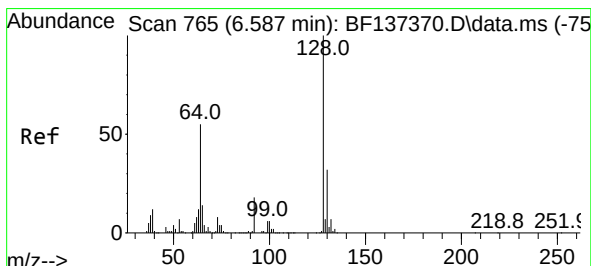
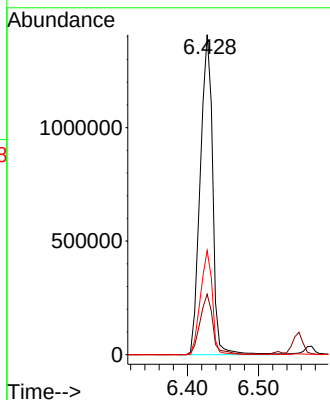
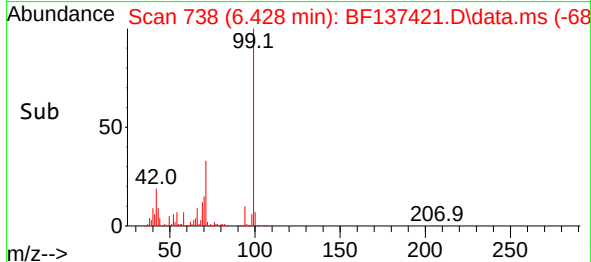
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 1713060
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 32.5 25.2 37.8

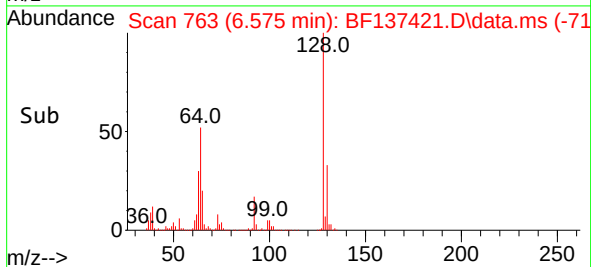
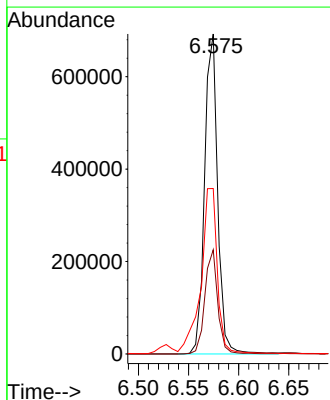
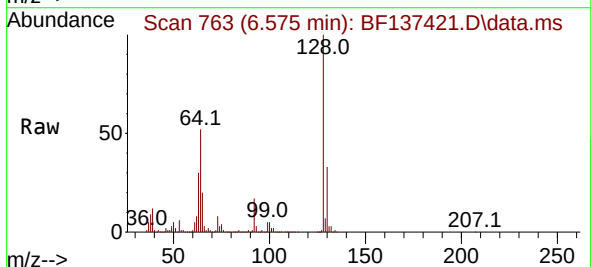
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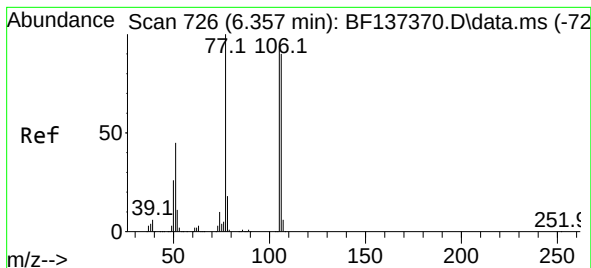
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#8
2-Chlorophenol
Concen: 40.216 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:128 Resp: 632061
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 51.7 35.3 75.3





#9

Benzaldehyde

Concen: 44.093 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF137421.D

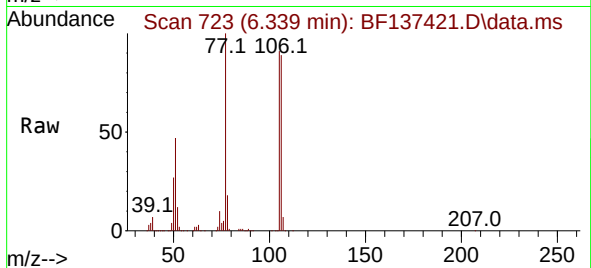
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 45758

Ion Ratio Lower Upper

77 100

105 90.7 74.1 114.1

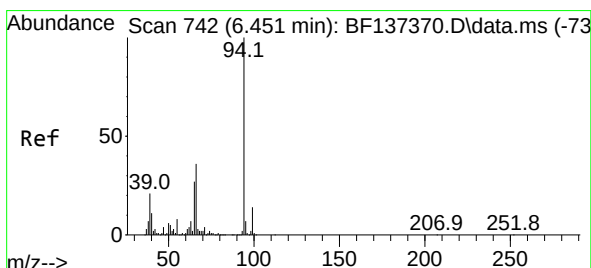
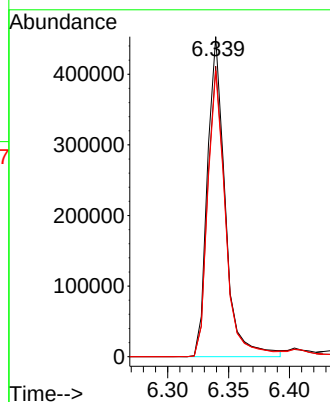
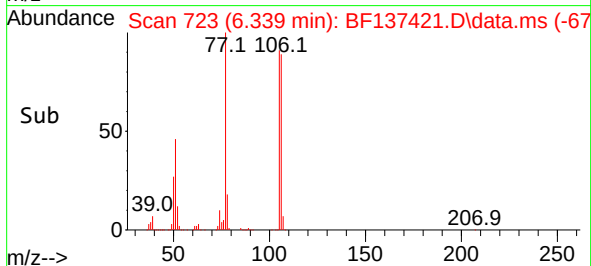
106 89.4 70.2 110.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#10

Phenol

Concen: 39.724 ng

RT: 6.439 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

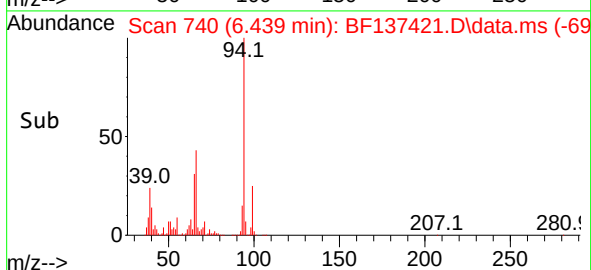
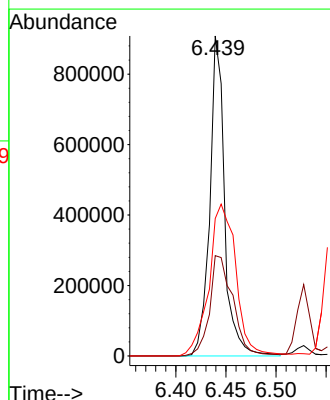
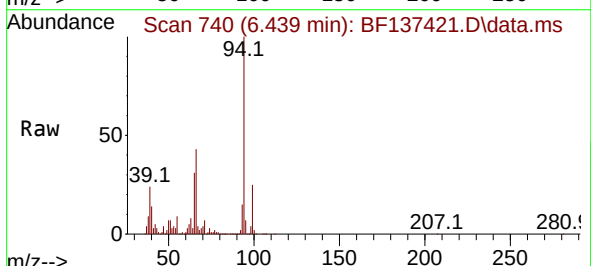
Tgt Ion: 94 Resp: 937121

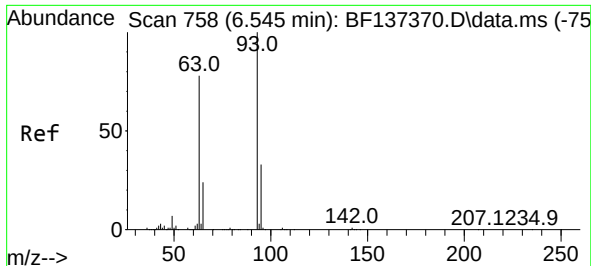
Ion Ratio Lower Upper

94 100

65 31.3 7.4 47.4

66 42.9 15.6 55.6





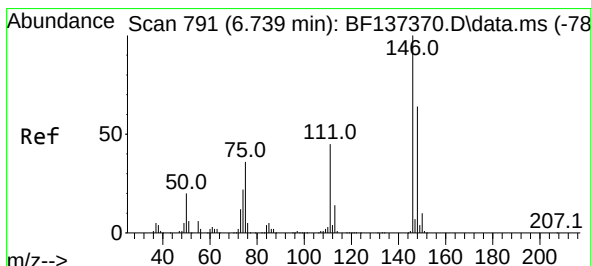
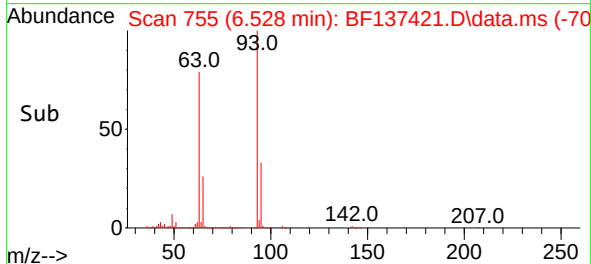
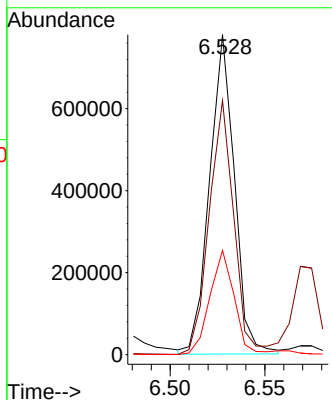
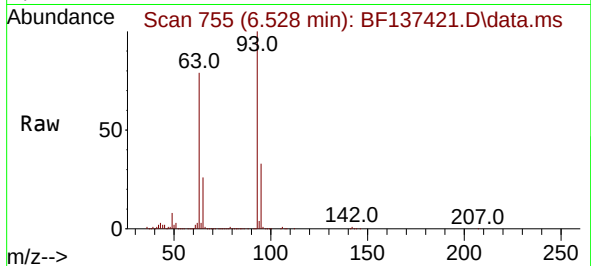
#11
bis(2-Chloroethyl)ether
Concen: 41.578 ng
RT: 6.528 min Scan# 712734
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 712734
Ion Ratio Lower Upper
93 100
63 79.4 56.1 96.1
95 32.6 12.7 52.7

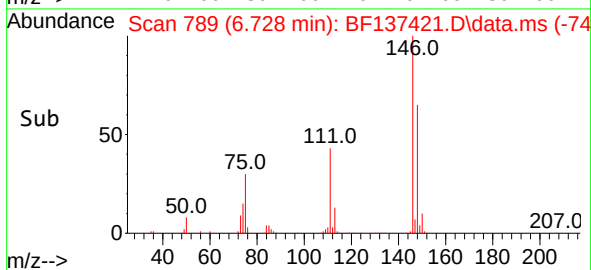
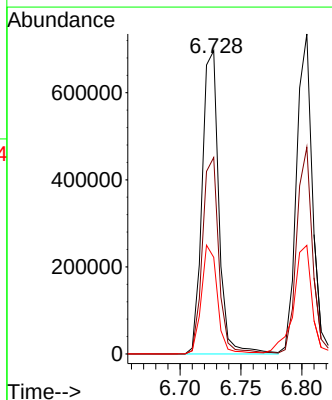
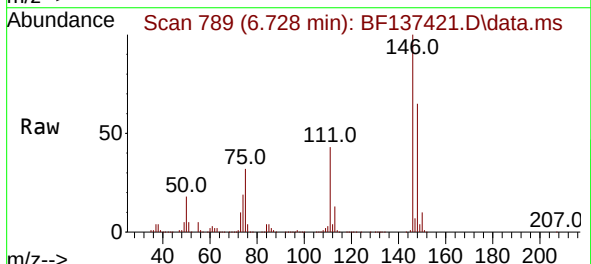
Manual Integrations
APPROVED

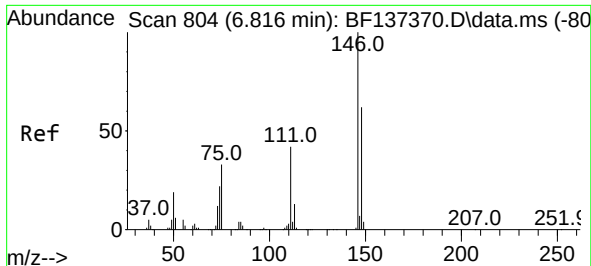
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#12
1,3-Dichlorobenzene
Concen: 39.342 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:146 Resp: 664011
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
75 31.9 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 39.555 ng

RT: 6.804 min Scan# 804

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 68734

Ion Ratio Lower Upper

146 100

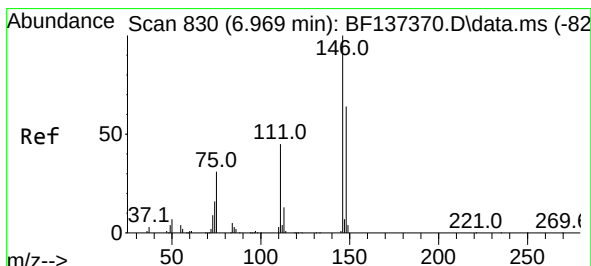
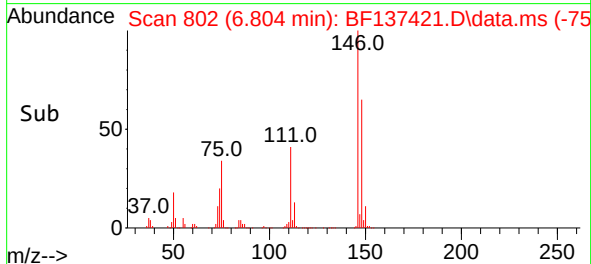
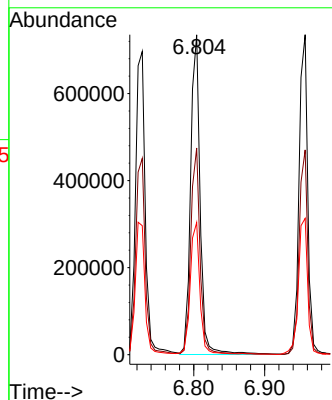
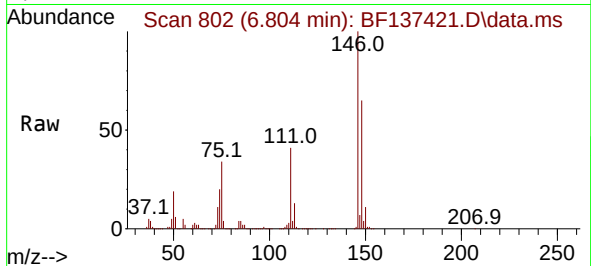
148 64.6 49.9 74.9

111 41.3 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#14

1,2-Dichlorobenzene

Concen: 38.630 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

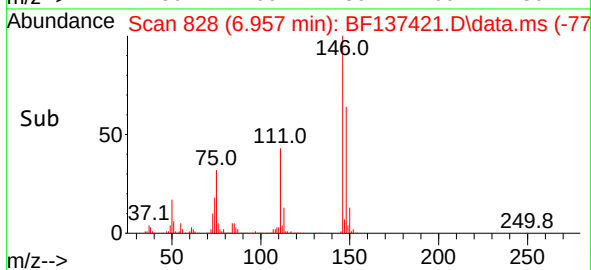
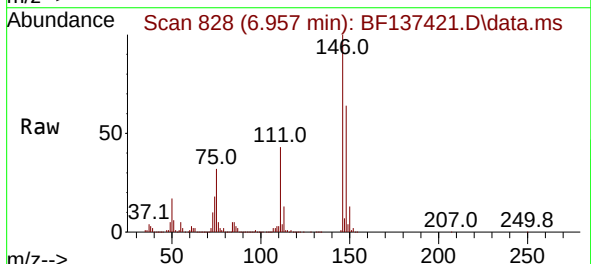
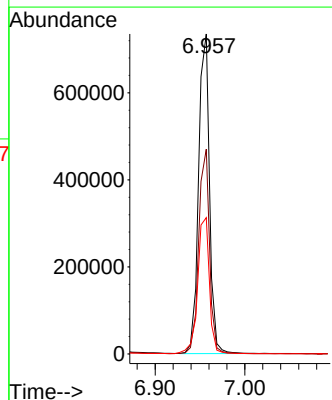
Tgt Ion:146 Resp: 620919

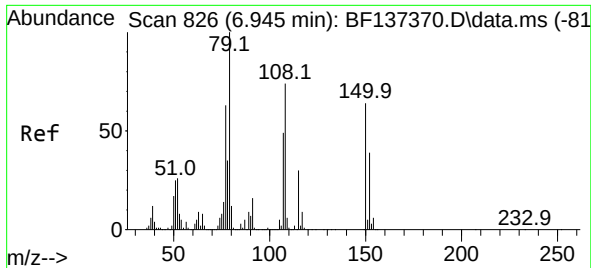
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

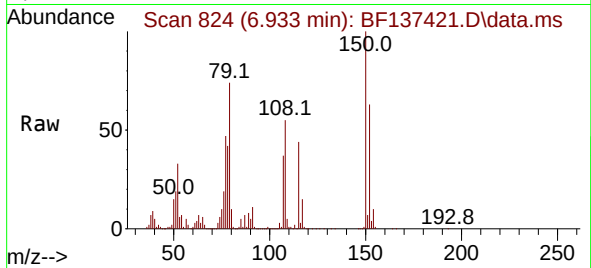
111 42.6 36.6 54.8





#15
Benzyl Alcohol
Concen: 44.535 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

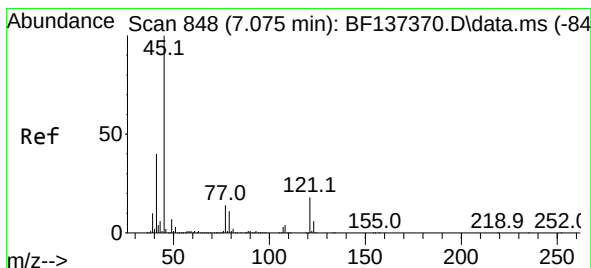
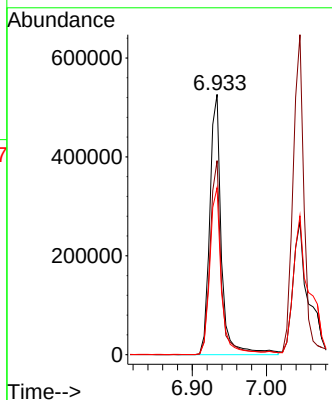
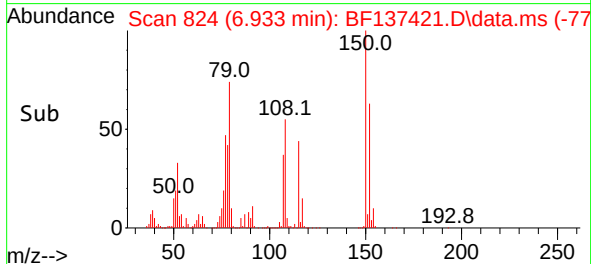
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 57223
Ion Ratio Lower Upper
79 100
108 74.6 59.5 89.3
77 64.2 50.5 75.7

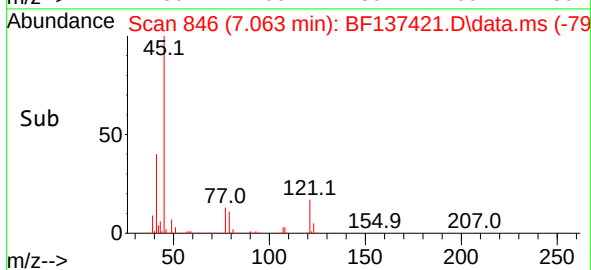
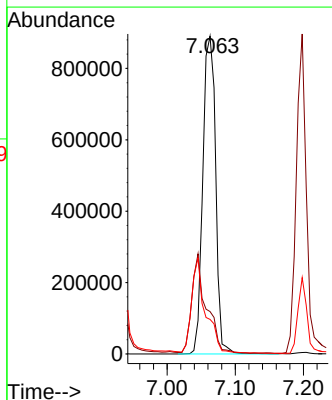
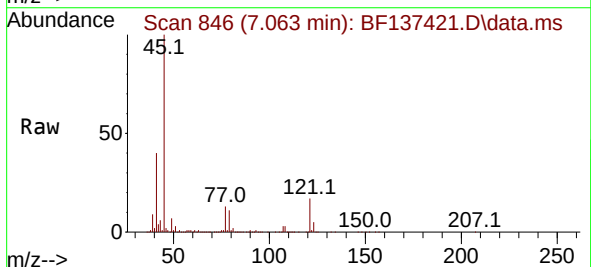
Manual Integrations
APPROVED

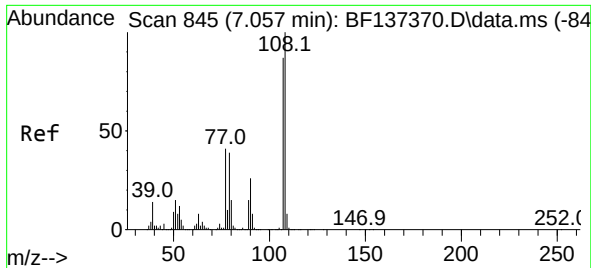
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.820 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 45 Resp: 1163073
Ion Ratio Lower Upper
45 100
77 13.3 0.0 34.6
79 10.9 0.0 31.6





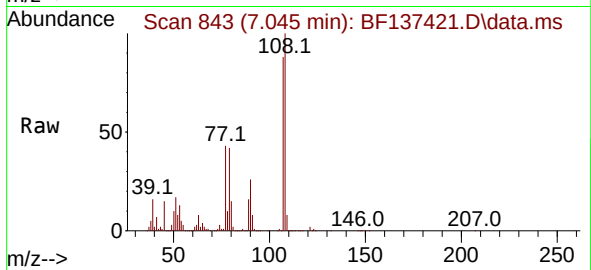
#17
2-Methylphenol
Concen: 39.815 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

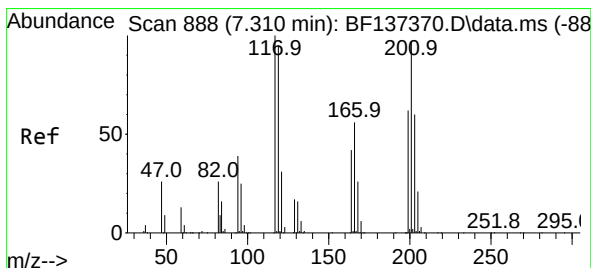
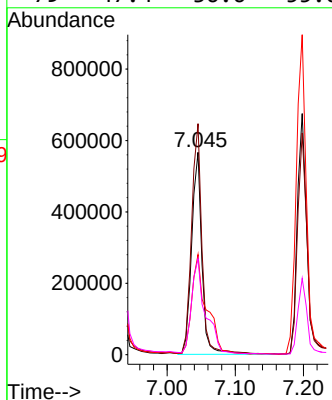
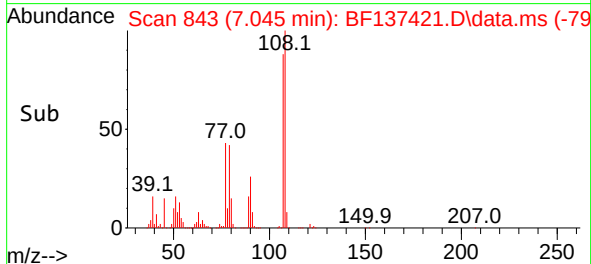


Tgt Ion:107 Resp: 592074
Ion Ratio Lower Upper
107 100
108 114.1 92.2 138.4
77 49.5 38.1 57.1
79 47.4 36.6 55.0

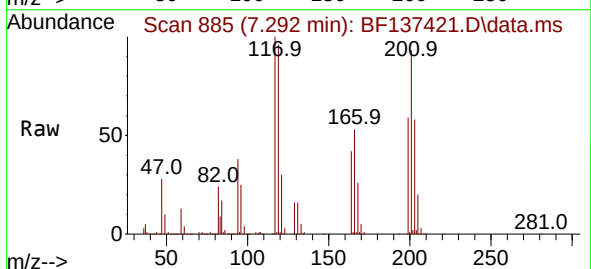
Manual Integrations

APPROVED

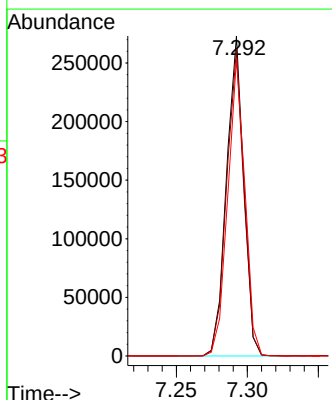
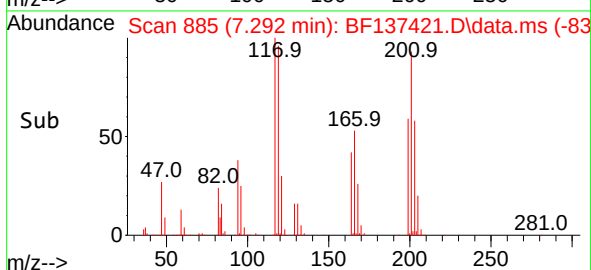
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

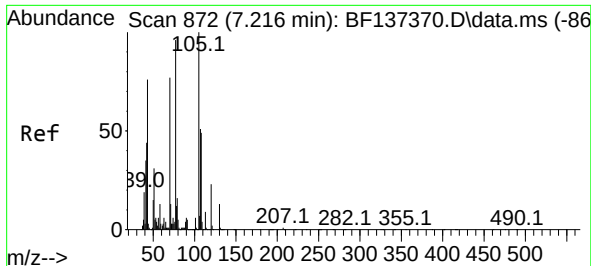


#18
Hexachloroethane
Concen: 38.587 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



Tgt Ion:117 Resp: 231057
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.4
201 92.9 77.6 116.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.104 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

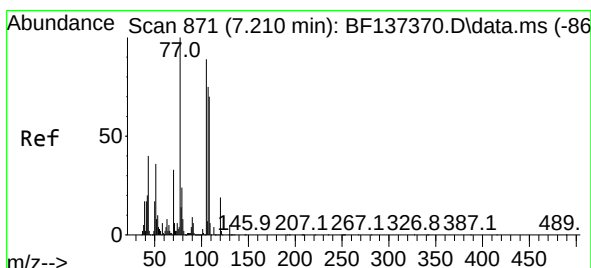
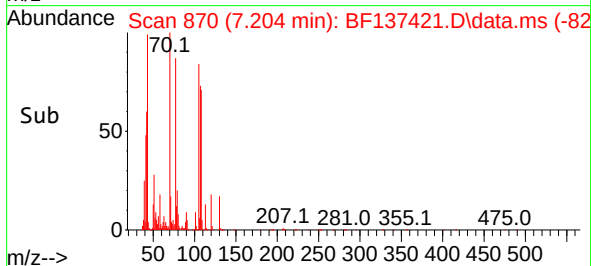
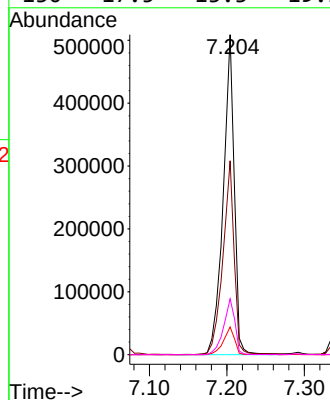
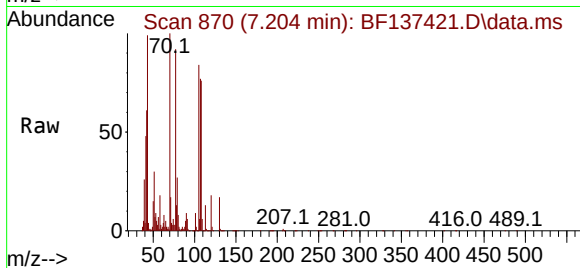
SSTDCCC040

Tgt Ion: 70 Resp: 50613
Ion Ratio Lower Upper
70 100
42 60.6 45.3 67.9
101 8.7 6.5 9.7
130 17.5 13.3 19.9

Manual Integrations

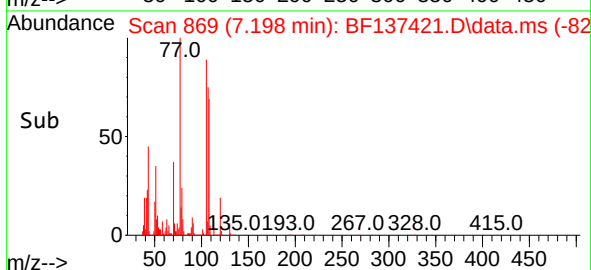
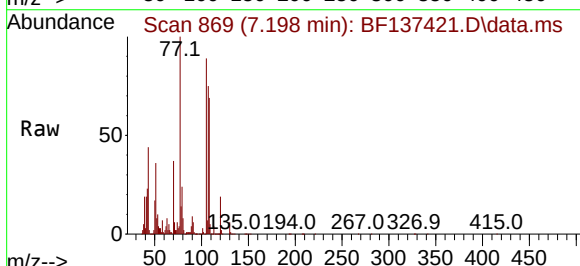
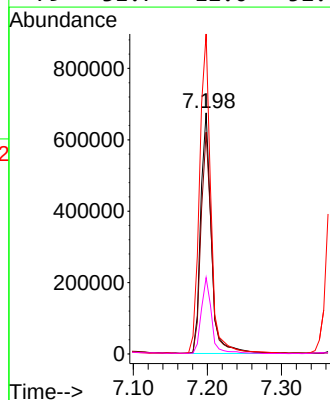
APPROVED

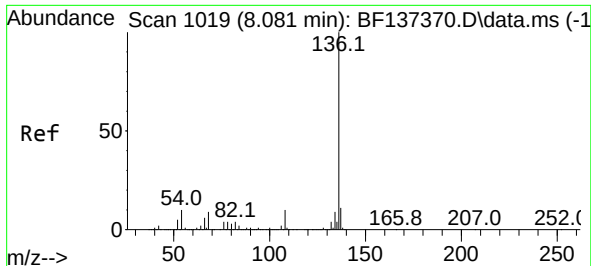
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#20
3+4-Methylphenols
Concen: 39.629 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:107 Resp: 671685
Ion Ratio Lower Upper
107 100
108 92.0 73.1 113.1
77 132.8 113.6 153.6
79 31.7 12.0 52.0





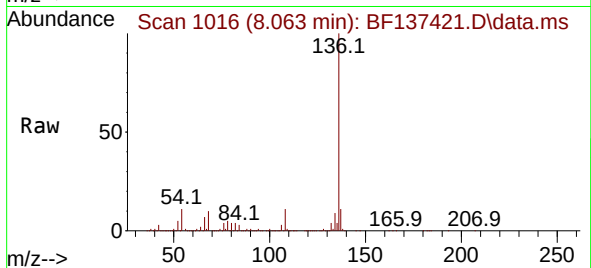
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

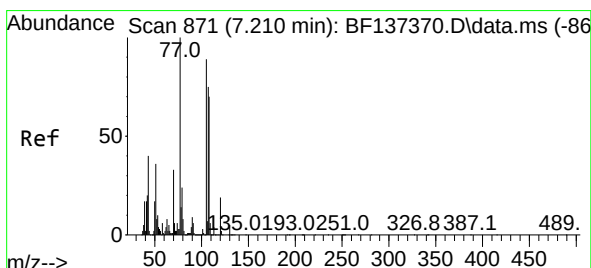
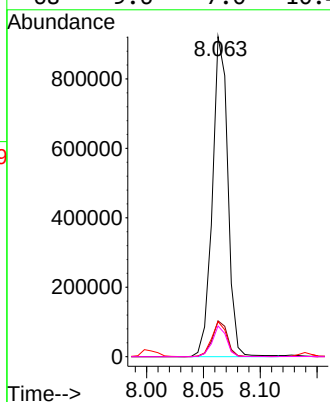
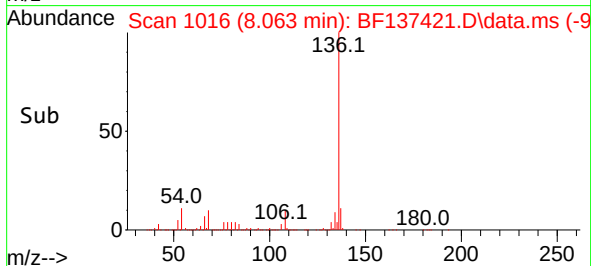


Tgt Ion:136 Resp: 871585
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.9 7.8 11.6
68 9.6 7.0 10.4

Manual Integrations

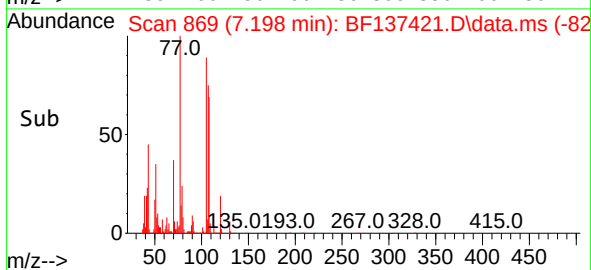
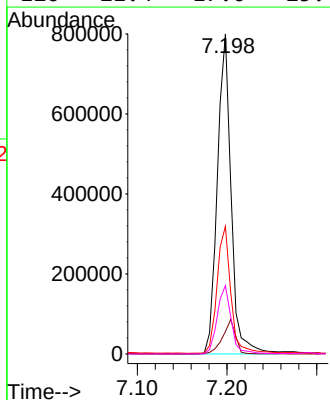
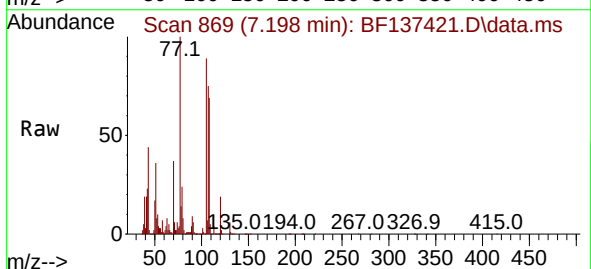
APPROVED

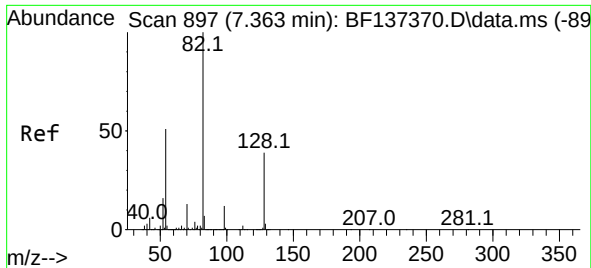
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#22
Acetophenone
Concen: 40.321 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

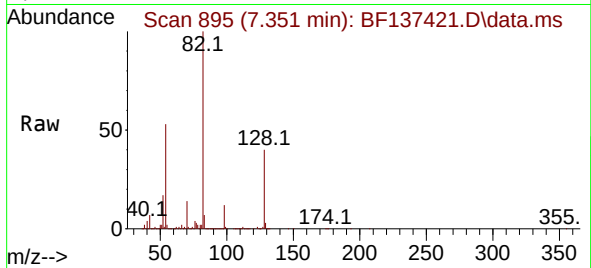
Tgt Ion:105 Resp: 852183
Ion Ratio Lower Upper
105 100
71 7.0 5.0 7.6
51 39.9 32.2 48.4
120 21.4 17.0 25.4





#23
Nitrobenzene-d5
Concen: 87.561 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

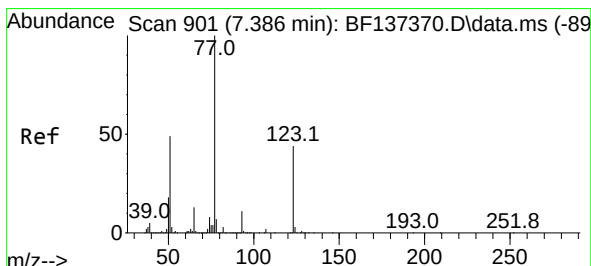
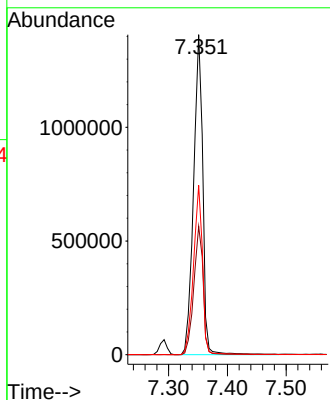
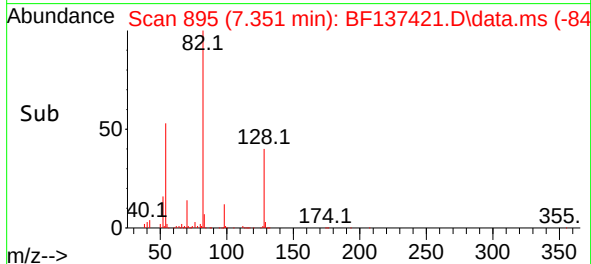
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



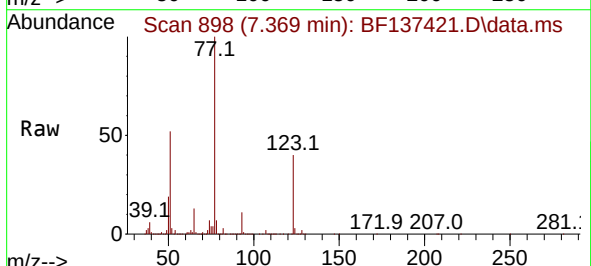
Tgt Ion: 82 Resp: 152864
Ion Ratio Lower Upper
82 100
128 40.1 30.8 46.2
54 52.9 40.8 61.2

Manual Integrations
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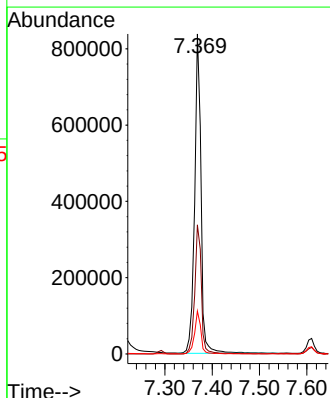
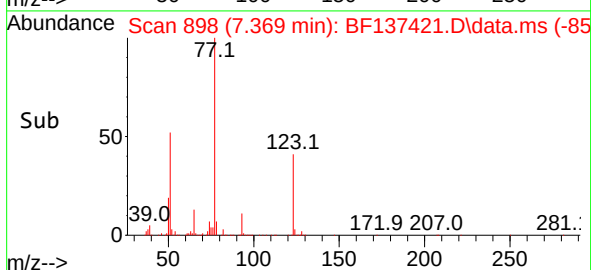
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

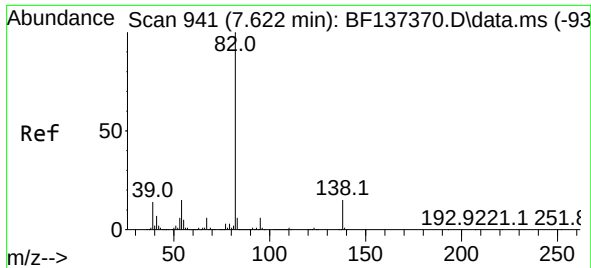


#24
Nitrobenzene
Concen: 44.107 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



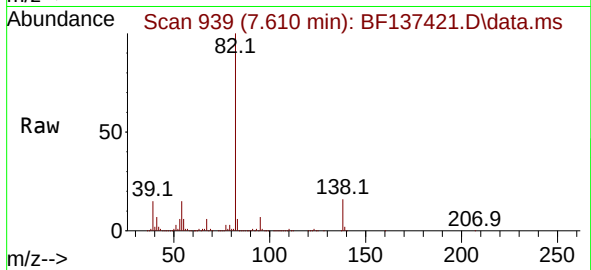
Tgt Ion: 77 Resp: 782431
Ion Ratio Lower Upper
77 100
123 40.3 35.4 53.0
65 13.4 10.3 15.5





#25
Isophorone
Concen: 39.598 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

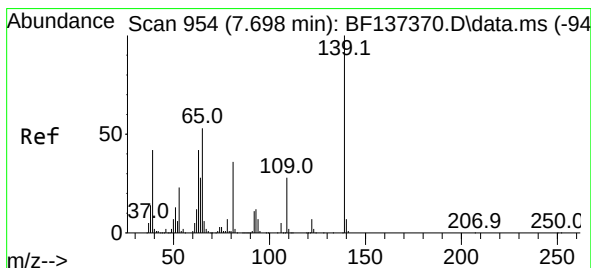
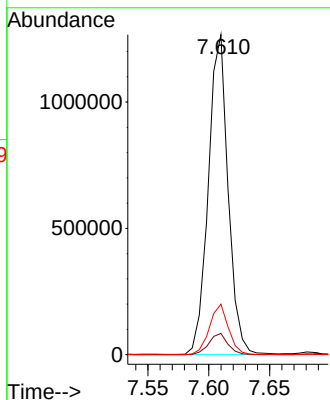
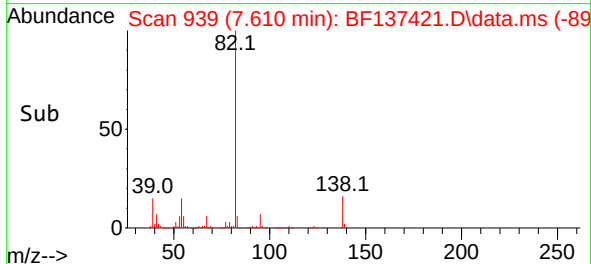
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 1429629
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.8 12.2 18.4

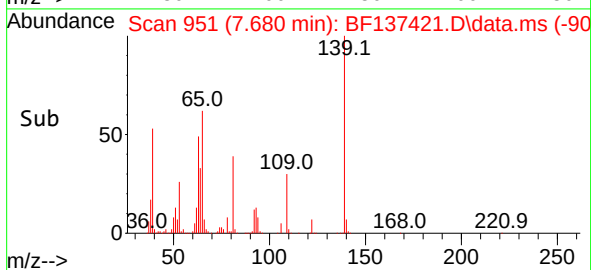
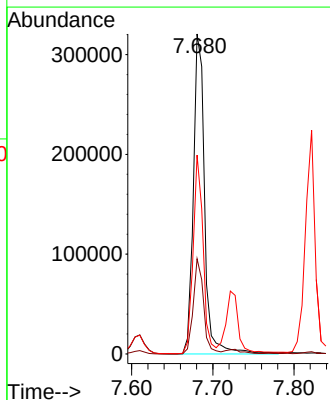
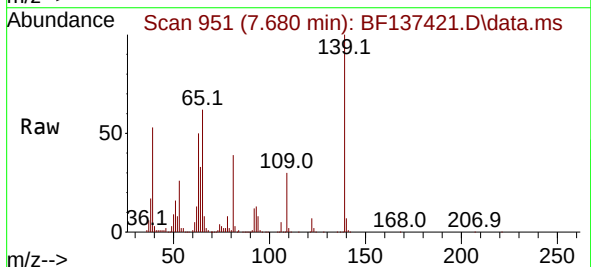
Manual Integrations
APPROVED

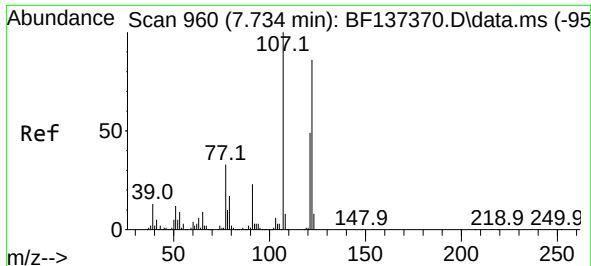
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#26
2-Nitrophenol
Concen: 46.131 ng
RT: 7.680 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

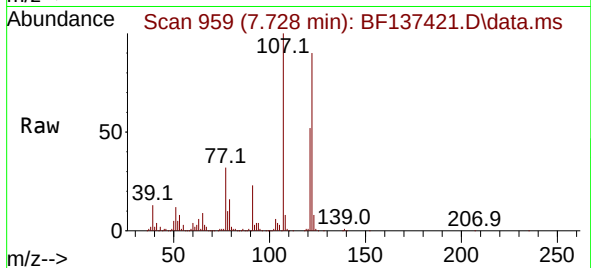
Tgt Ion:139 Resp: 311882
Ion Ratio Lower Upper
139 100
109 29.7 22.5 33.7
65 62.2 42.3 63.5





#27
2,4-Dimethylphenol
Concen: 43.314 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

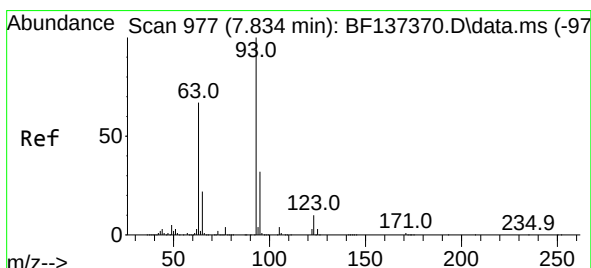
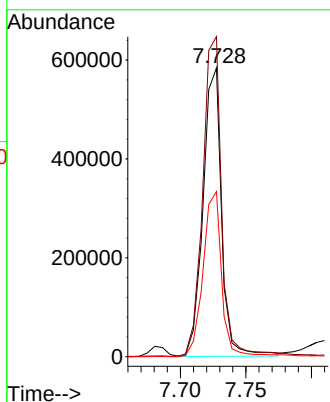
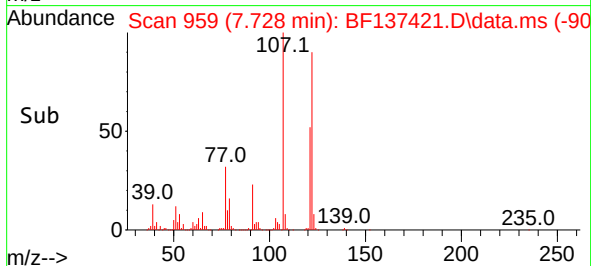
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:122 Resp: 57511
Ion Ratio Lower Upper
122 100
107 110.8 92.7 139.1
121 57.2 45.2 67.8

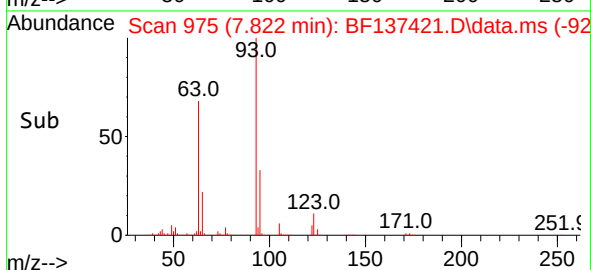
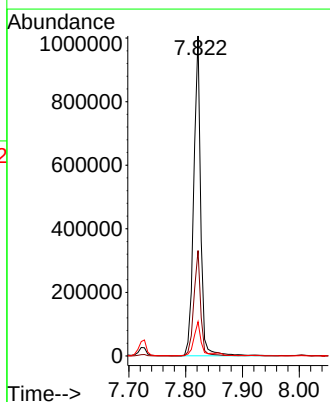
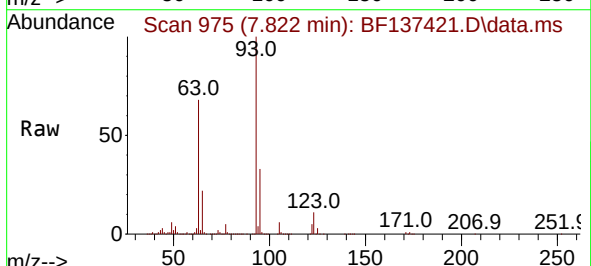
Manual Integrations
APPROVED

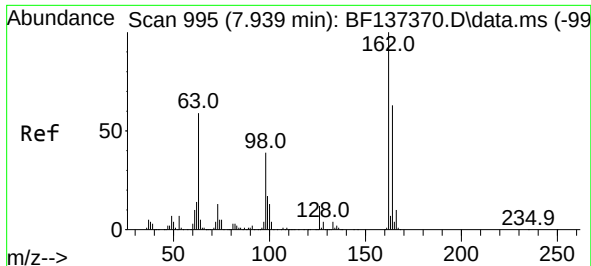
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.298 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 93 Resp: 859394
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 10.7 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 42.840 ng
RT: 7.928 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

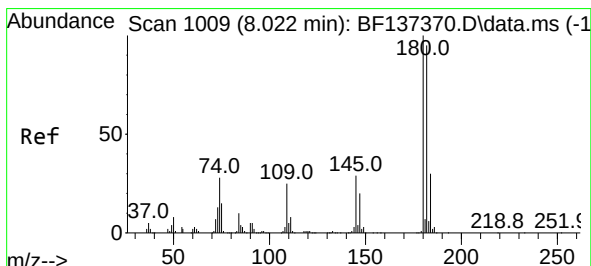
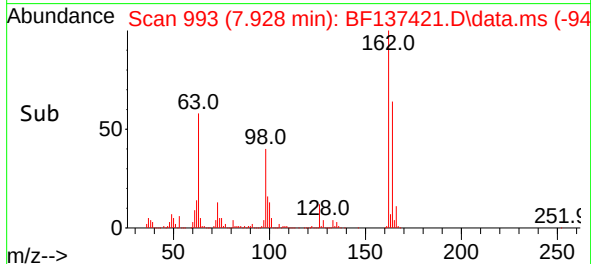
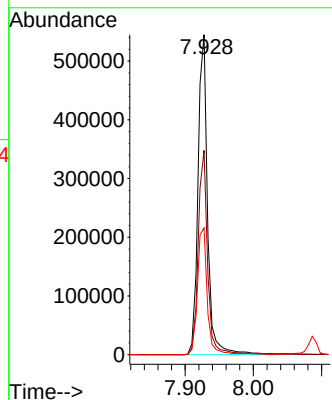
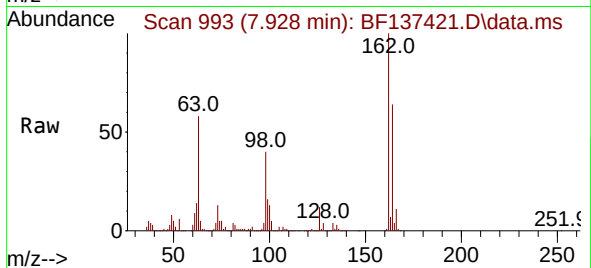
SSTDCCC040

Tgt Ion:162 Resp: 53312
Ion Ratio Lower Upper
162 100
164 63.8 43.1 83.1
98 39.7 19.0 59.0

Manual Integrations

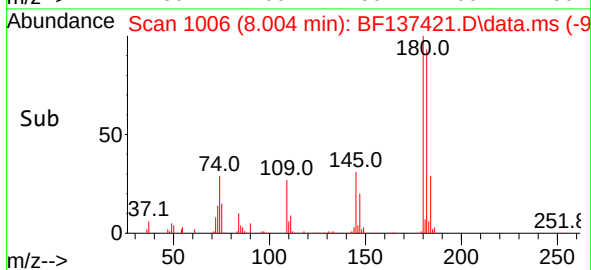
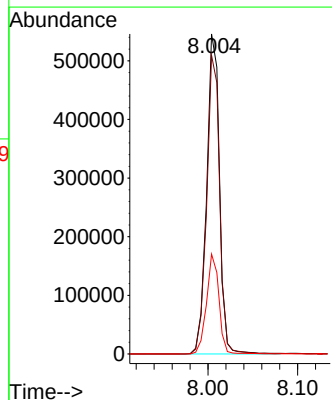
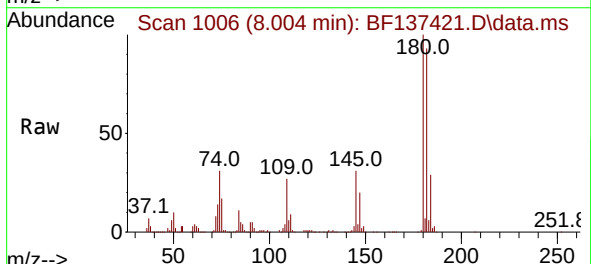
APPROVED

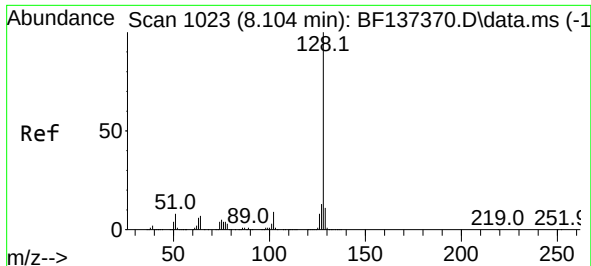
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#30
1,2,4-Trichlorobenzene
Concen: 40.592 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

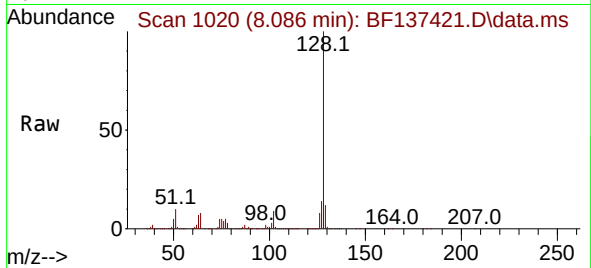
Tgt Ion:180 Resp: 542201
Ion Ratio Lower Upper
180 100
182 93.3 75.8 113.6
145 31.2 23.4 35.0





#31
Naphthalene
Concen: 39.722 ng
RT: 8.086 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

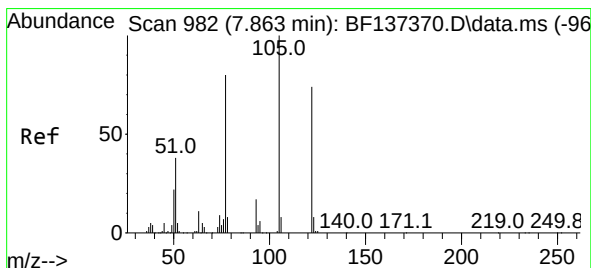
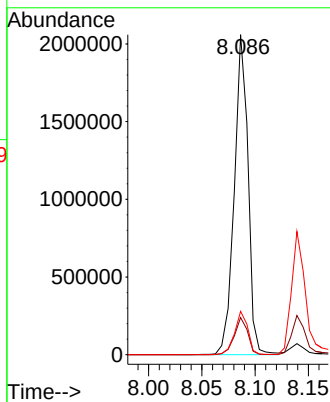
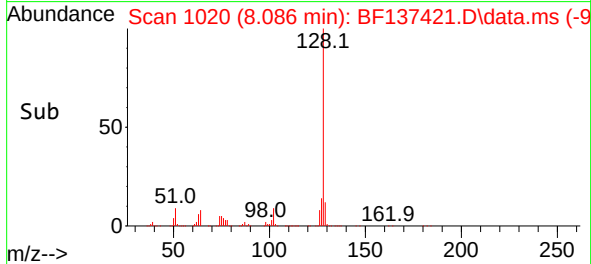
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 185795
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.5 10.6 16.0

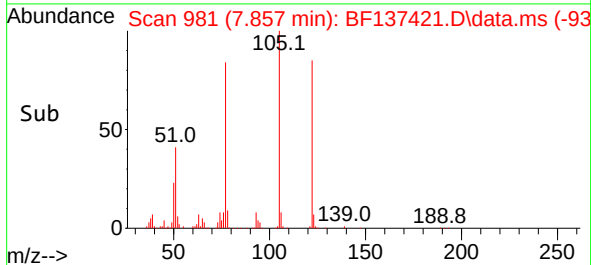
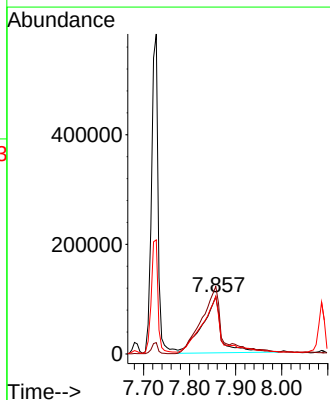
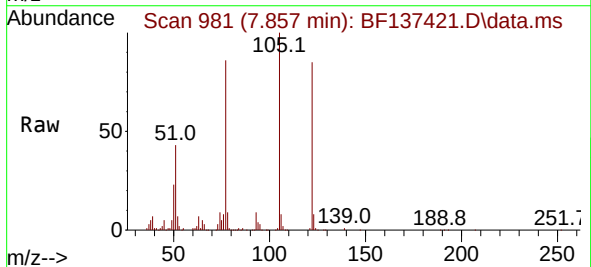
Manual Integrations
APPROVED

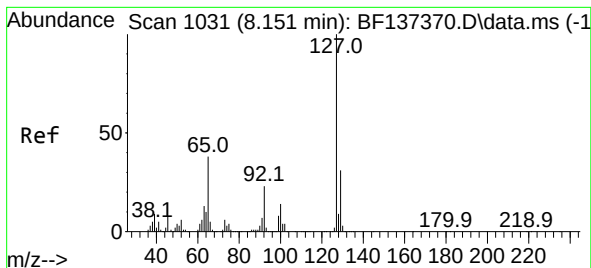
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#32
Benzoic acid
Concen: 38.661 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:122 Resp: 301261
Ion Ratio Lower Upper
122 100
105 118.3 101.1 141.1
77 101.2 82.8 122.8





#33
4-Chloroaniline
Concen: 43.616 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

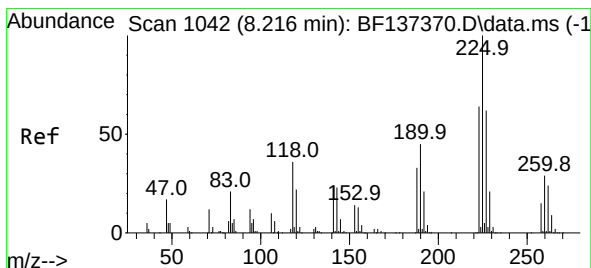
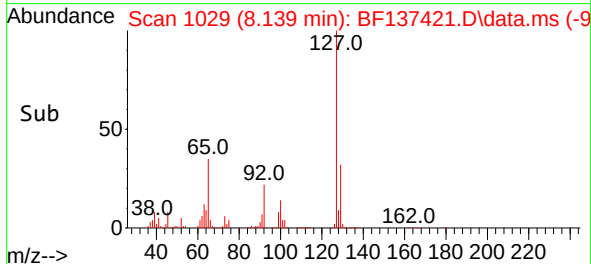
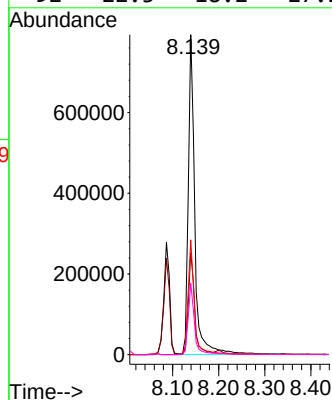
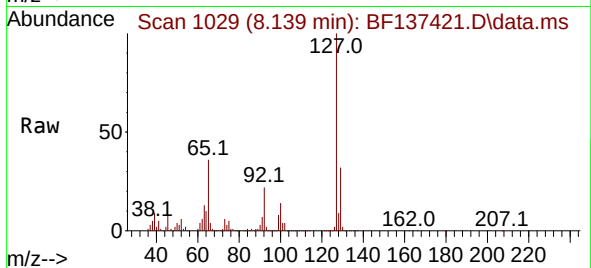
SSTDCCC040

Tgt Ion:127 Resp: 77591
Ion Ratio Lower Upper
127 100
129 31.9 25.0 37.6
65 35.9 30.4 45.6
92 22.3 18.2 27.2

Manual Integrations

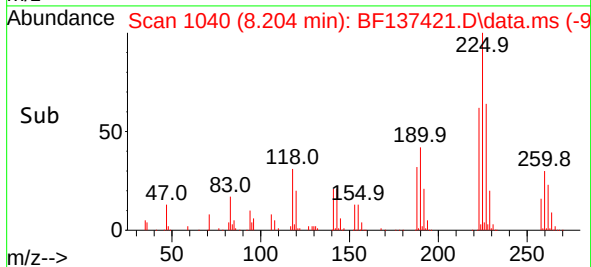
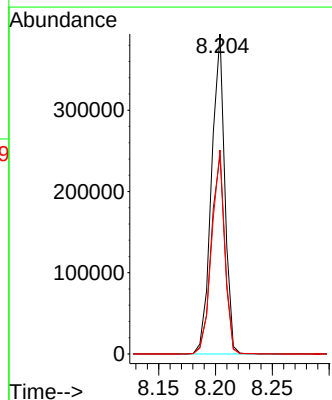
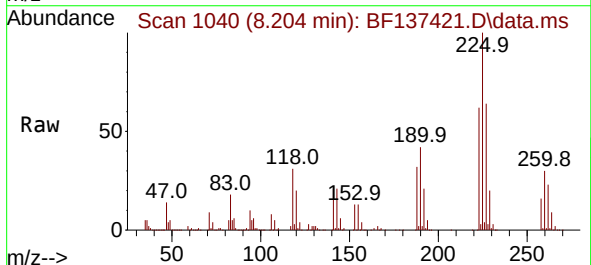
APPROVED

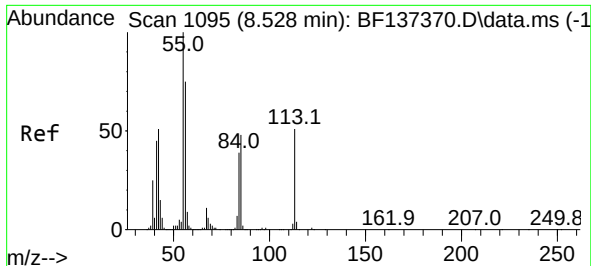
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#34
Hexachlorobutadiene
Concen: 40.146 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

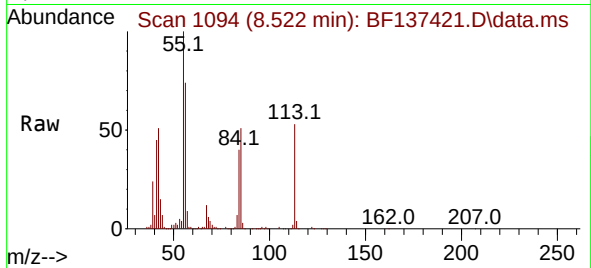
Tgt Ion:225 Resp: 318569
Ion Ratio Lower Upper
225 100
223 62.0 51.4 77.0
227 63.8 49.8 74.6





#35
Caprolactam
Concen: 46.117 ng
RT: 8.522 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

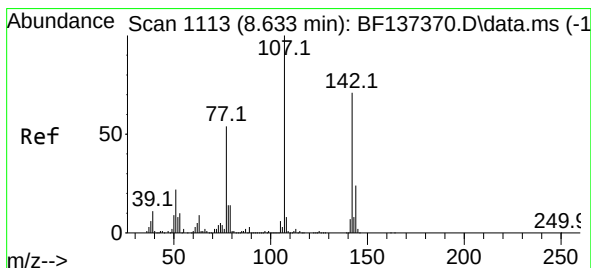
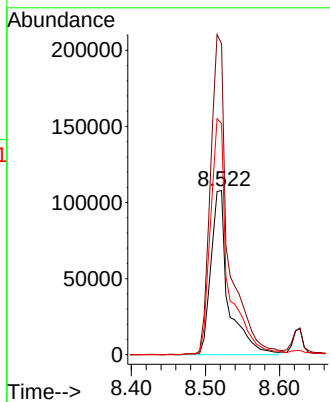
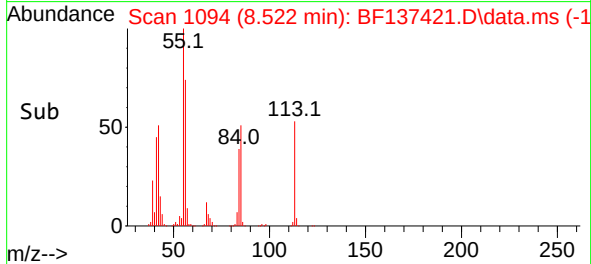
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 177478
Ion Ratio Lower Upper
113 100
55 189.5 176.3 216.3
56 140.9 127.6 167.6

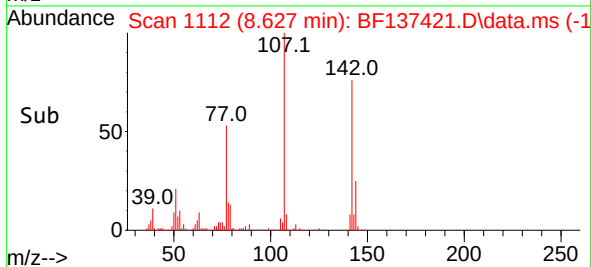
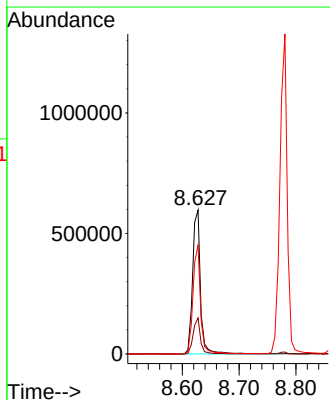
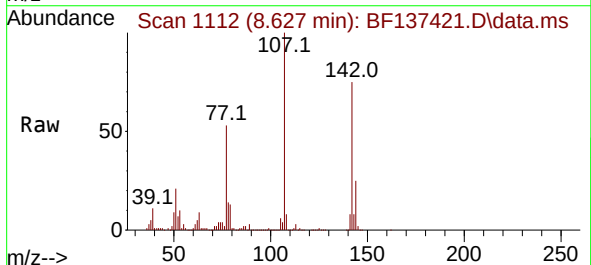
Manual Integrations
APPROVED

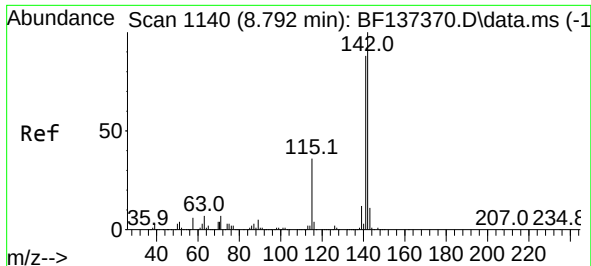
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#36
4-Chloro-3-methylphenol
Concen: 41.258 ng
RT: 8.627 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:107 Resp: 582087
Ion Ratio Lower Upper
107 100
144 25.0 18.9 28.3
142 75.5 56.6 85.0





#37

2-Methylnaphthalene

Concen: 39.455 ng

RT: 8.780 min Scan# 1140

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 118915

Ion Ratio Lower Upper

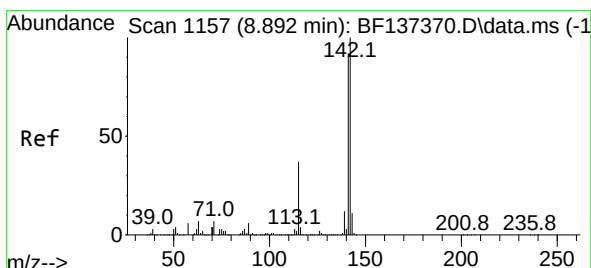
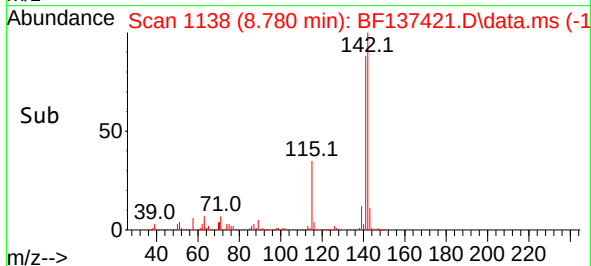
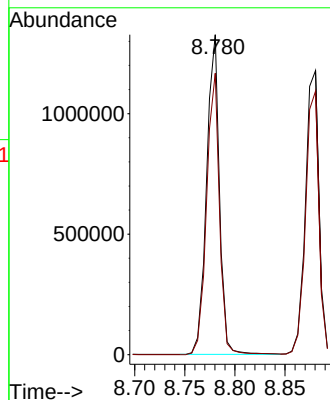
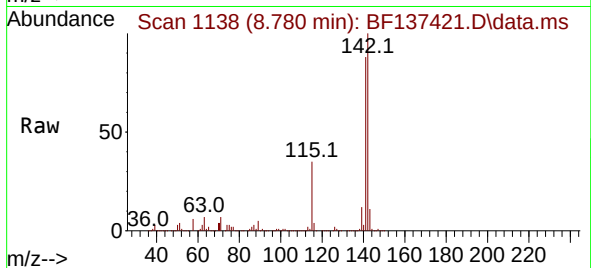
142 100

141 88.0 70.3 105.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#38

1-Methylnaphthalene

Concen: 38.773 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF137421.D

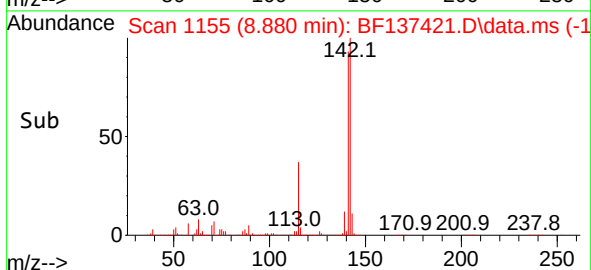
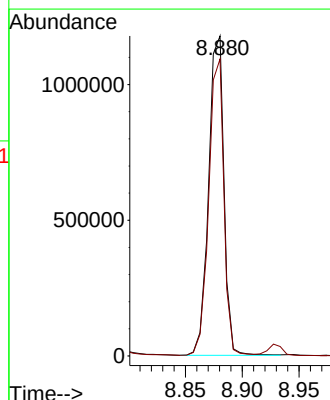
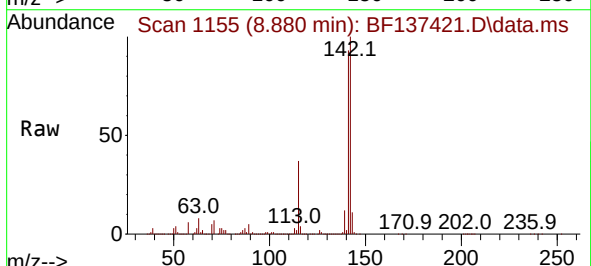
Acq: 28 Feb 2024 14:25

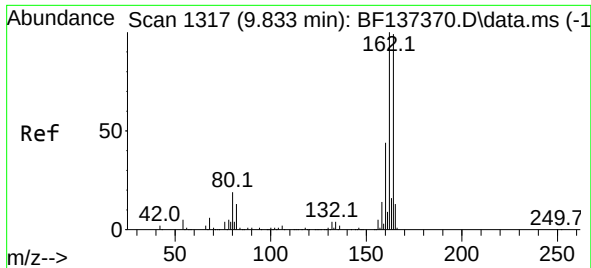
Tgt Ion:142 Resp: 1104866

Ion Ratio Lower Upper

142 100

141 92.8 73.2 109.8





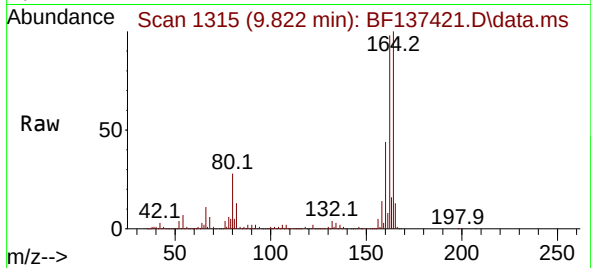
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

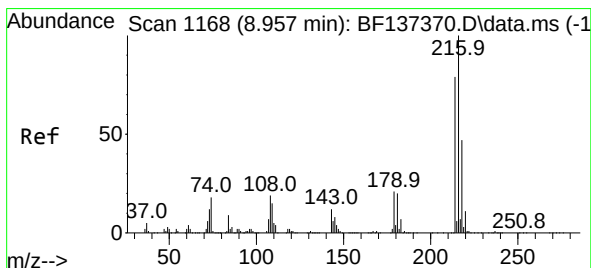
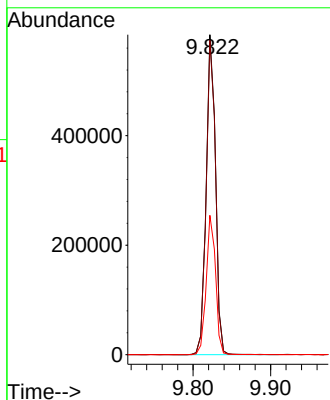
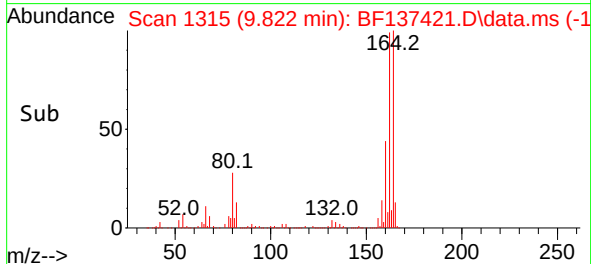


Tgt Ion:164 Resp: 48902
Ion Ratio Lower Upper
164 100
162 98.3 81.2 121.8
160 43.6 35.7 53.5

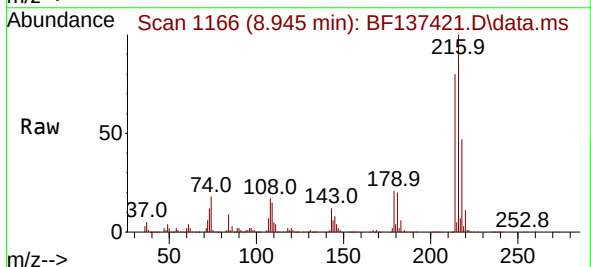
Manual Integrations

APPROVED

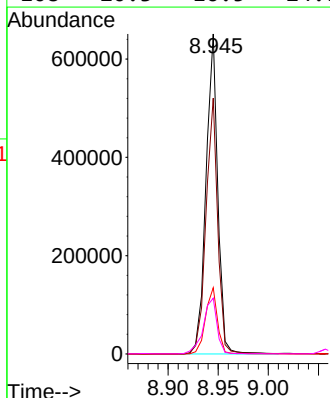
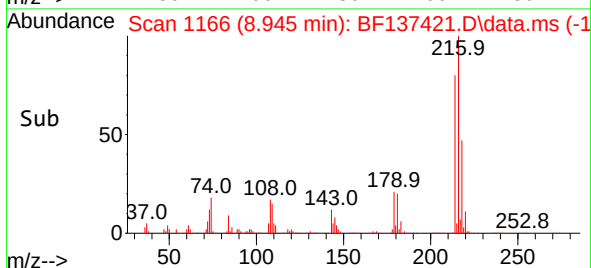
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

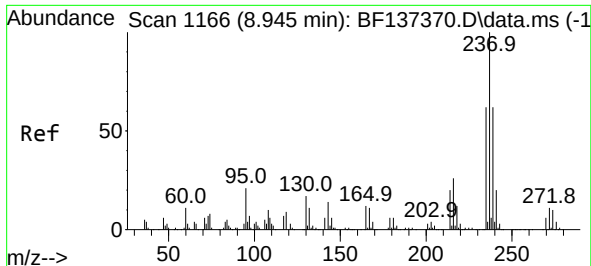


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.818 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



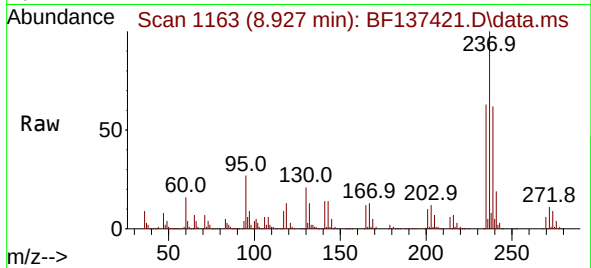
Tgt Ion:216 Resp: 536312
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 21.1 16.5 24.7
108 20.3 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 43.663 ng
RT: 8.927 min Scan# 1163
Delta R.T. -0.018 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

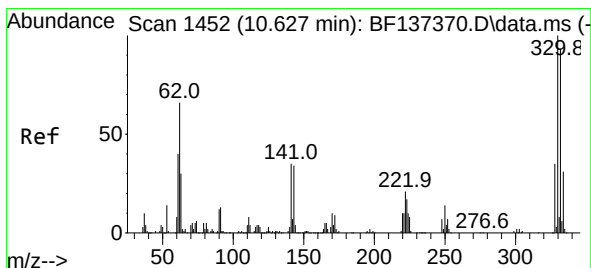
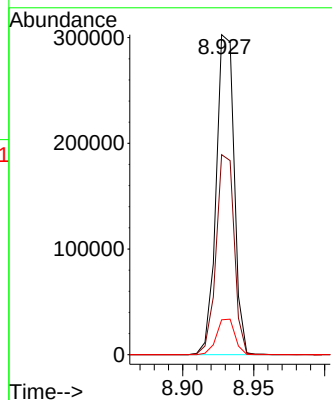
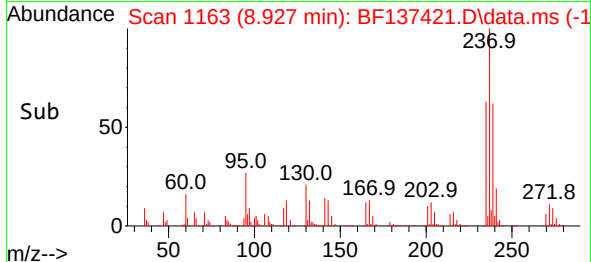
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



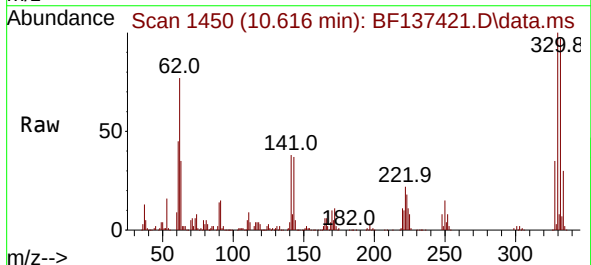
Tgt Ion:237 Resp: 266639
Ion Ratio Lower Upper
237 100
235 62.5 42.0 82.0
272 10.9 0.0 31.3

Manual Integrations
APPROVED

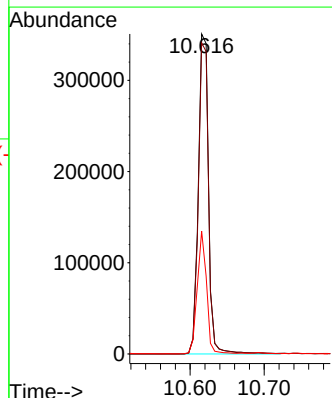
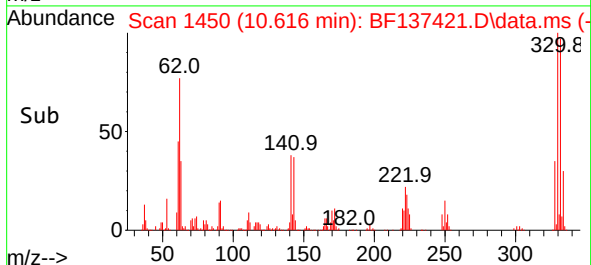
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

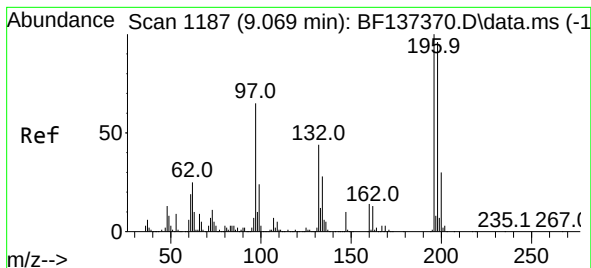


#42
2,4,6-Tribromophenol
Concen: 78.784 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



Tgt Ion:330 Resp: 335501
Ion Ratio Lower Upper
330 100
332 96.9 75.6 113.4
141 35.0 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 41.407 ng

RT: 9.057 min Scan# 1187

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

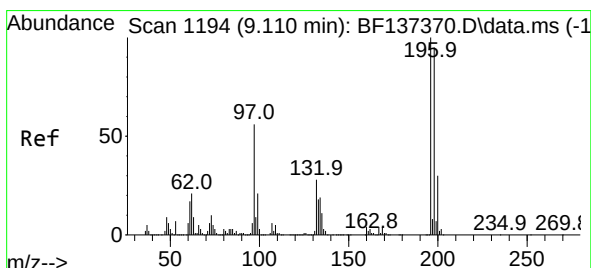
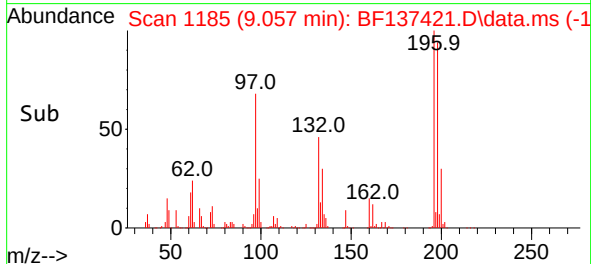
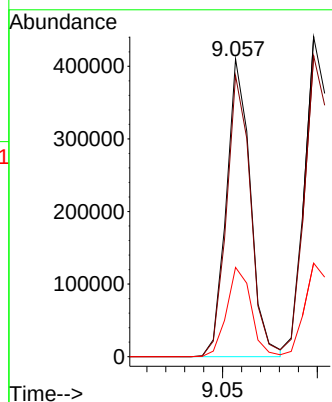
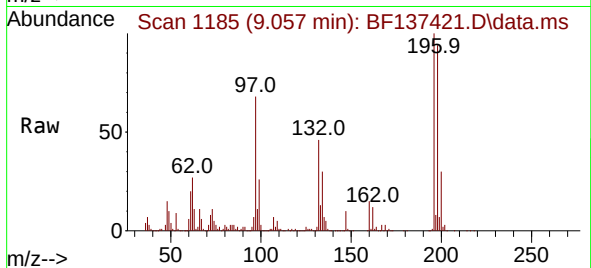
SSTDCCC040

Tgt Ion:196	Resp:	361614
Ion Ratio	Lower	Upper
196	100	
198	94.4	77.0 115.4
200	30.0	24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#44

2,4,5-Trichlorophenol

Concen: 41.366 ng

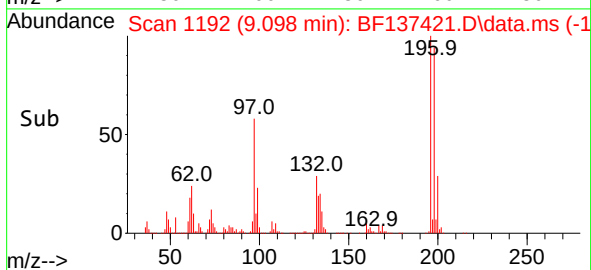
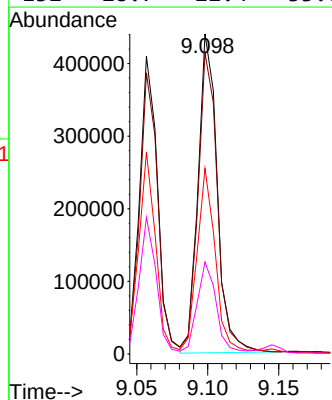
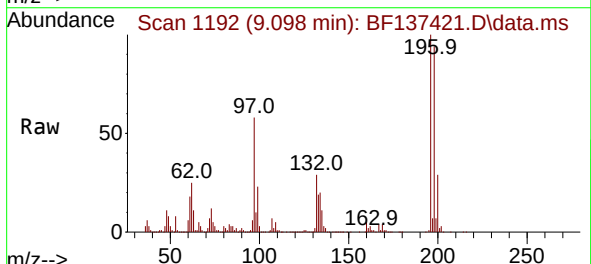
RT: 9.098 min Scan# 1192

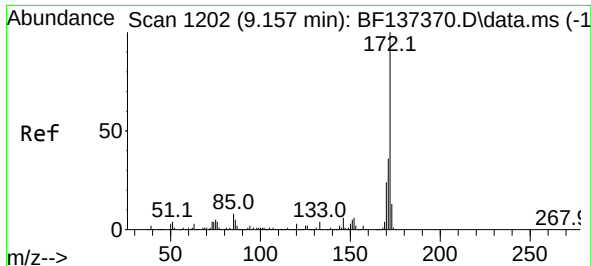
Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Tgt Ion:196	Resp:	414455
Ion Ratio	Lower	Upper
196	100	
198	94.1	75.6 113.4
97	58.0	44.6 66.8
132	28.7	22.4 33.6





#45
2-Fluorobiphenyl
Concen: 75.099 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

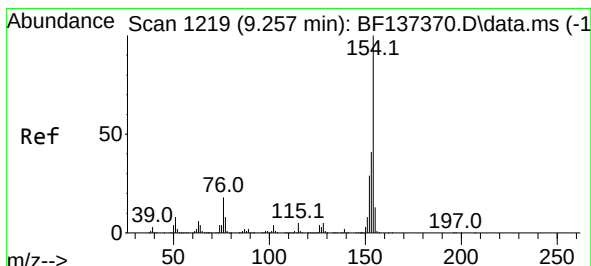
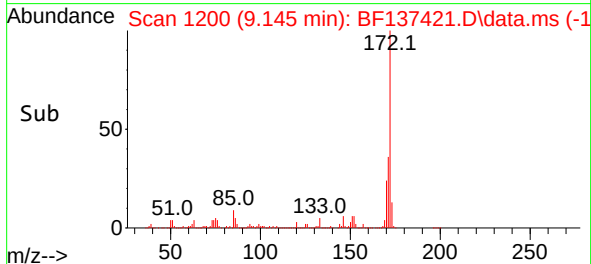
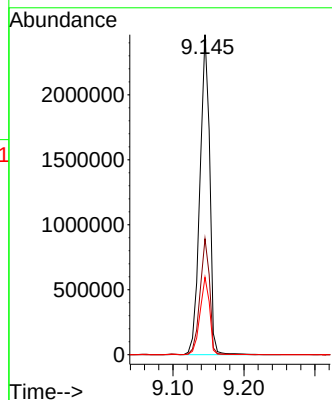
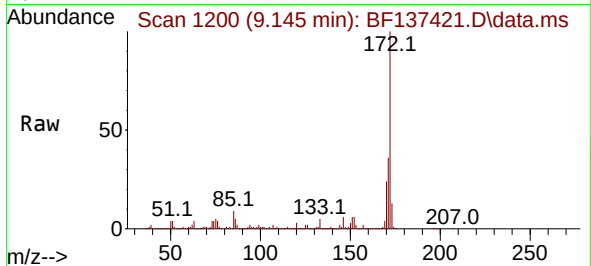
SSTDCCC040

Tgt Ion:172 Resp: 235895
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.2 19.5 29.3

Manual Integrations

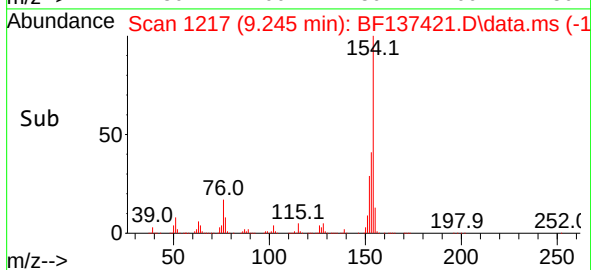
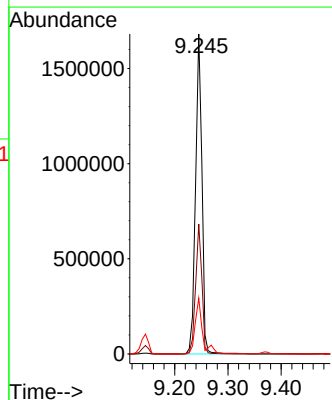
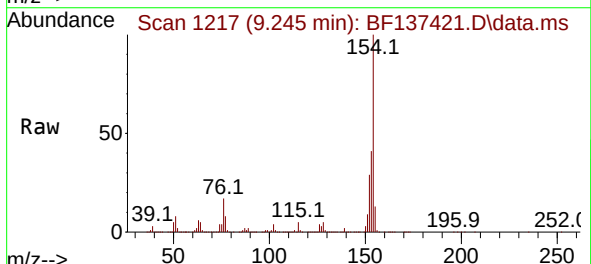
APPROVED

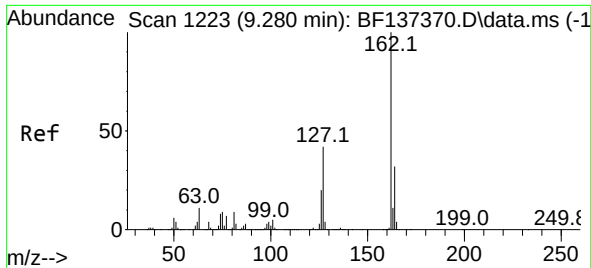
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#46
1,1'-Biphenyl
Concen: 39.485 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:154 Resp: 1406348
Ion Ratio Lower Upper
154 100
153 40.6 21.2 61.2
76 17.4 0.0 37.9





#47

2-Chloronaphthalene

Concen: 40.054 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.011 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 1077378

Ion Ratio Lower Upper

162 100

127 41.5 33.6 50.4

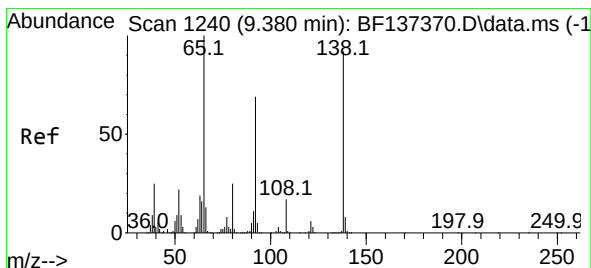
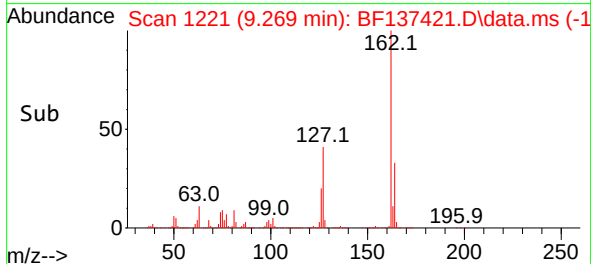
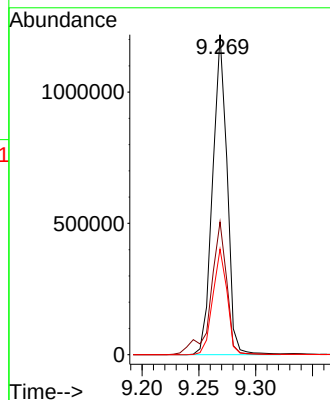
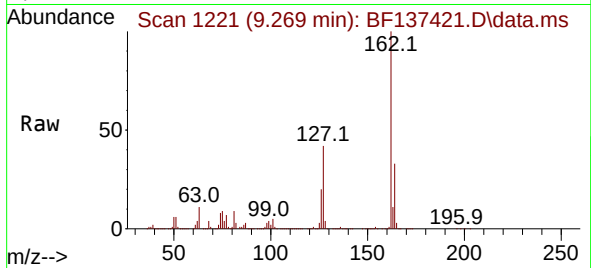
164 33.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#48

2-Nitroaniline

Concen: 46.936 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.011 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

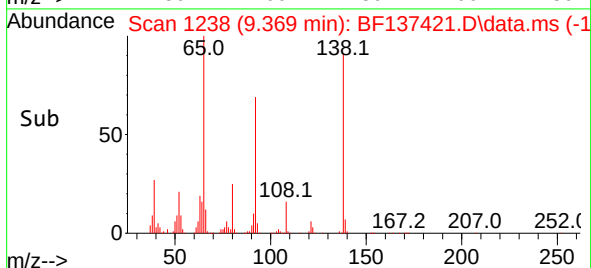
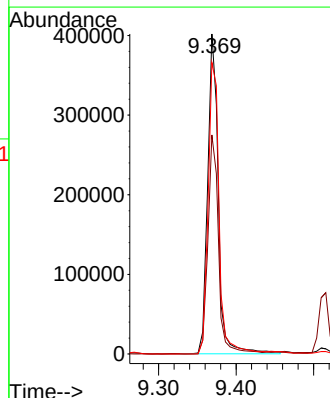
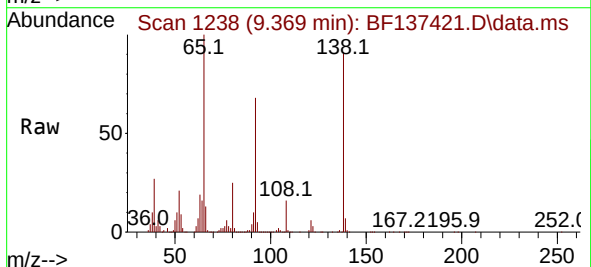
Tgt Ion: 65 Resp: 382599

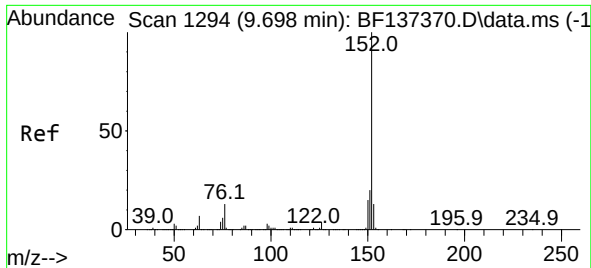
Ion Ratio Lower Upper

65 100

92 68.4 55.0 82.6

138 91.1 73.7 110.5





#49

Acenaphthylene

Concen: 38.922 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 170096

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

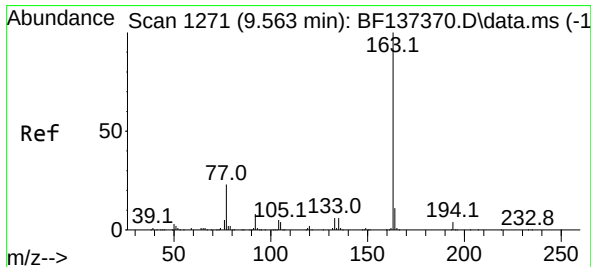
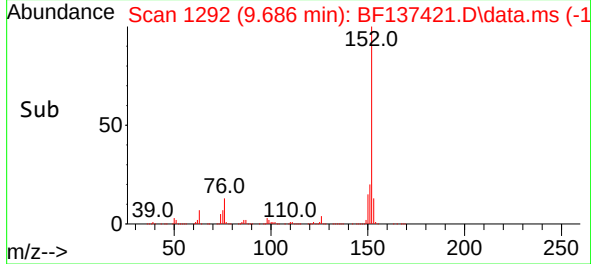
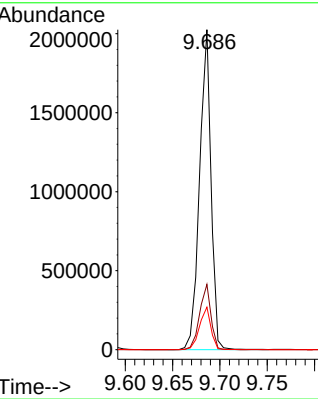
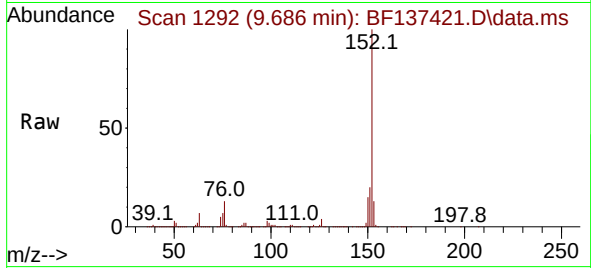
153 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#50

Dimethylphthalate

Concen: 39.663 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

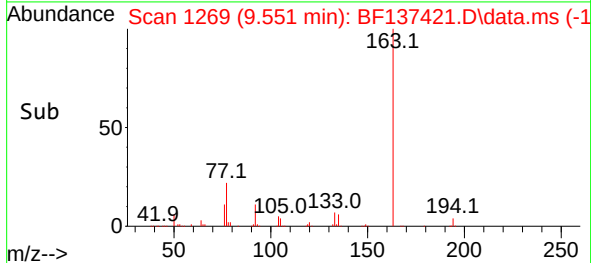
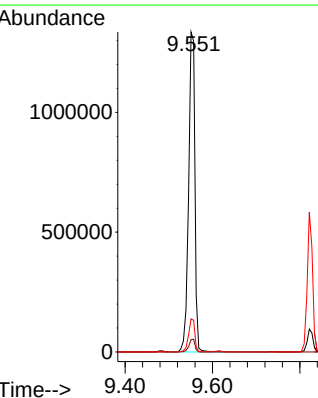
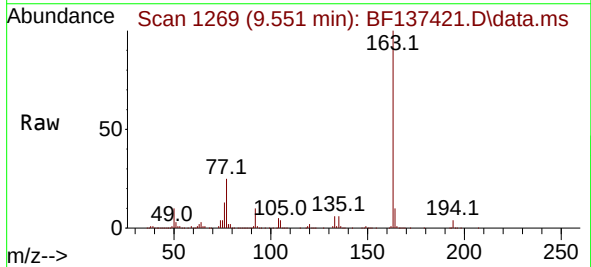
Tgt Ion:163 Resp: 1340278

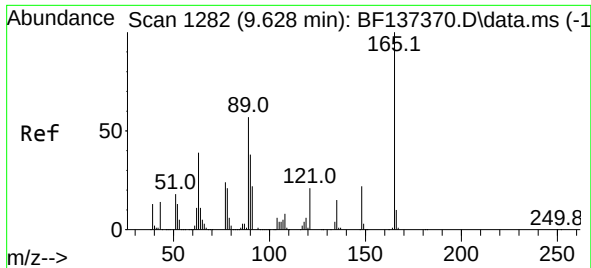
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.3 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 45.523 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

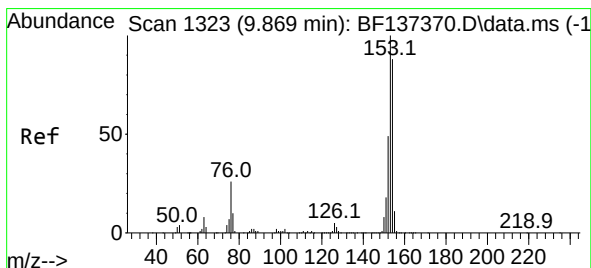
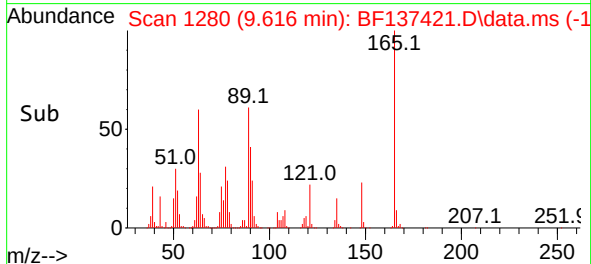
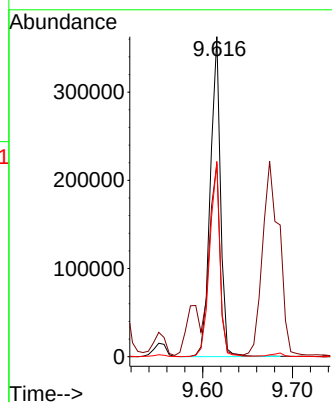
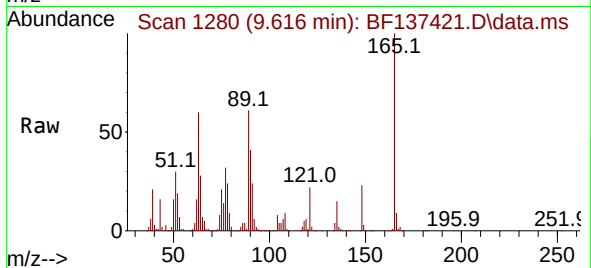
SSTDCCC040

Tgt Ion:165 Resp: 286178
Ion Ratio Lower Upper
165 100
63 60.2 41.6 62.4
89 61.0 45.8 68.6

Manual Integrations

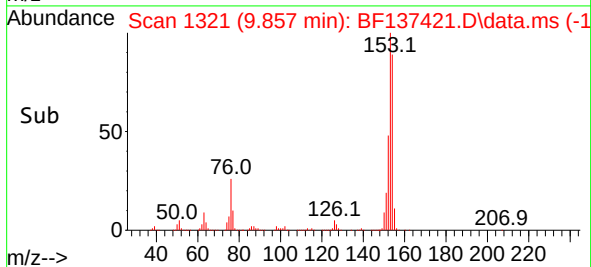
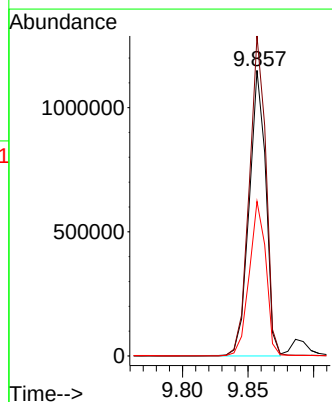
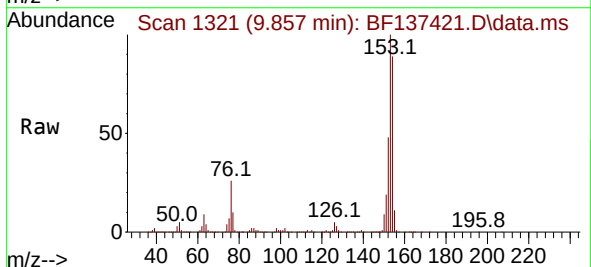
APPROVED

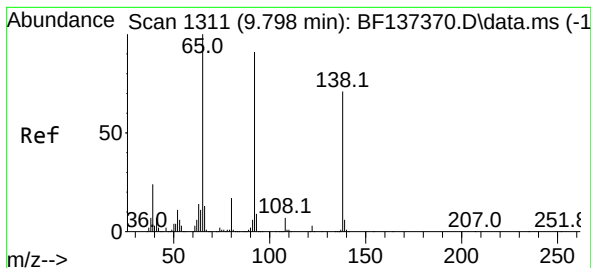
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#52
Acenaphthene
Concen: 38.870 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

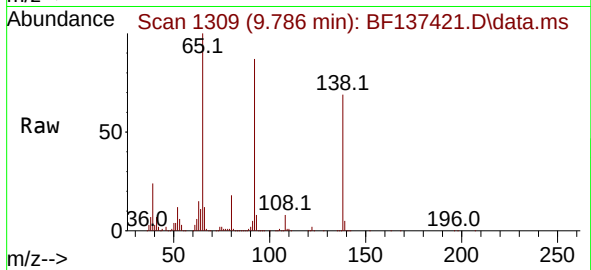
Tgt Ion:154 Resp: 1014002
Ion Ratio Lower Upper
154 100
153 112.1 90.6 135.8
152 54.1 44.1 66.1





#53
3-Nitroaniline
Concen: 44.227 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

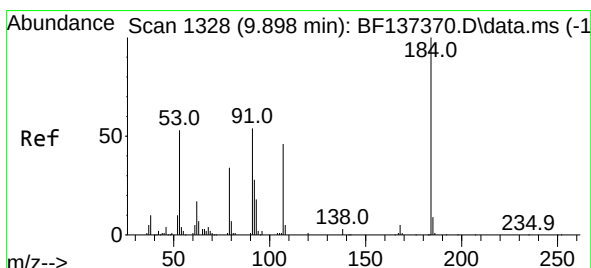
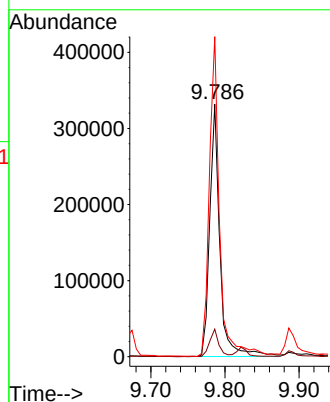
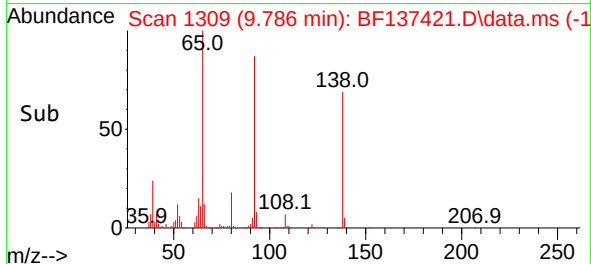
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 31629
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 126.7 102.2 153.2

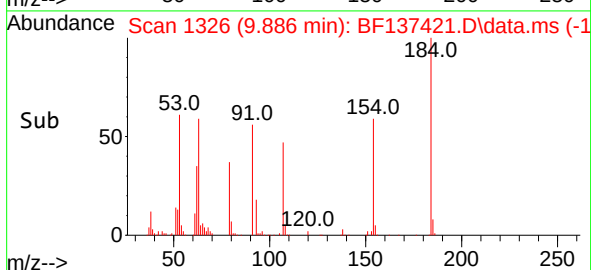
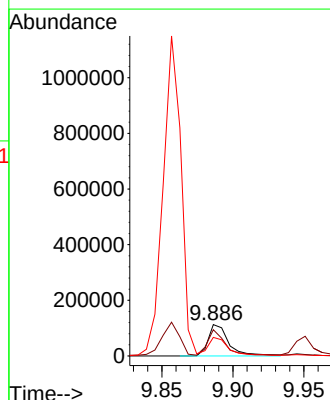
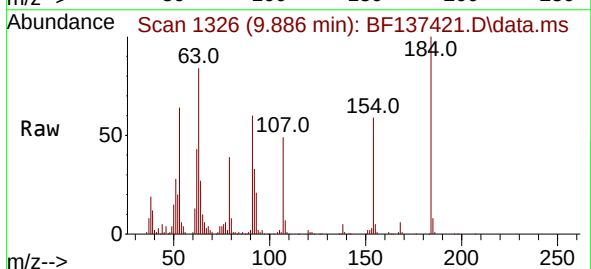
Manual Integrations
APPROVED

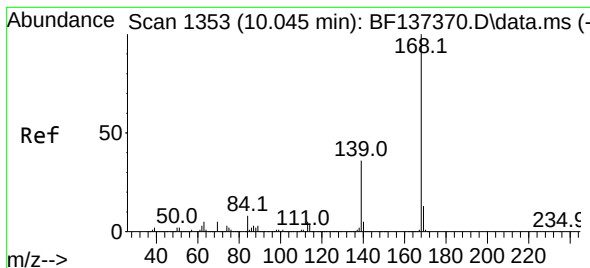
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#54
2,4-Dinitrophenol
Concen: 40.864 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

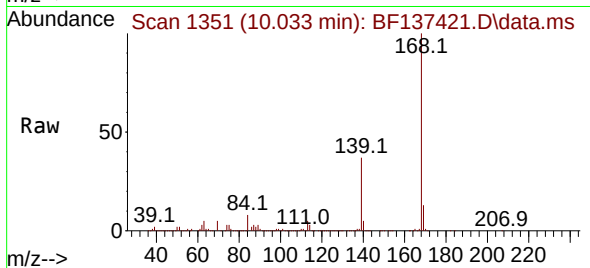
Tgt Ion:184 Resp: 113745
Ion Ratio Lower Upper
184 100
63 83.7 55.9 83.9
154 59.3 47.6 71.4





#55
Dibenzenofuran
Concen: 38.438 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

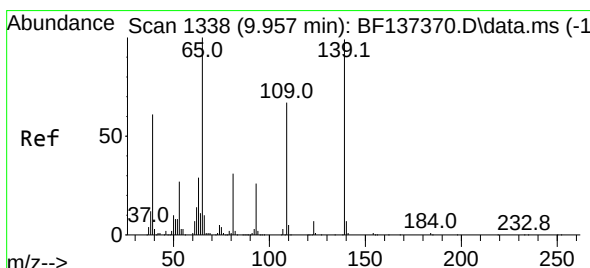
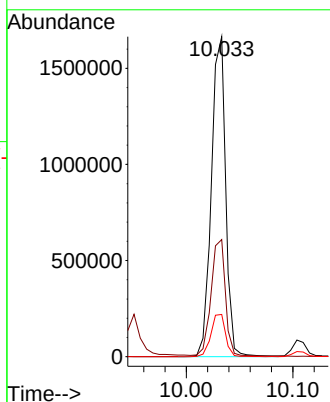
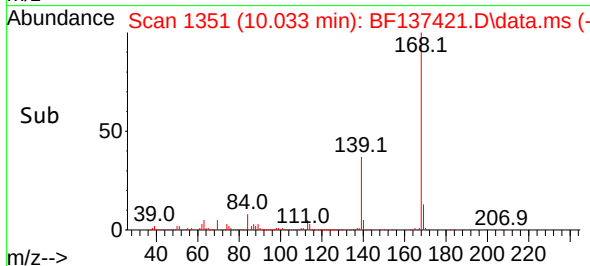
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 154981
Ion Ratio Lower Upper
168 100
139 36.6 28.9 43.3
169 13.2 10.8 16.2

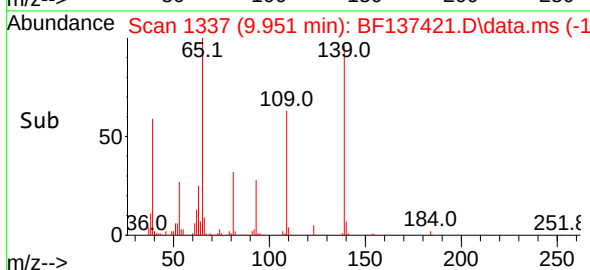
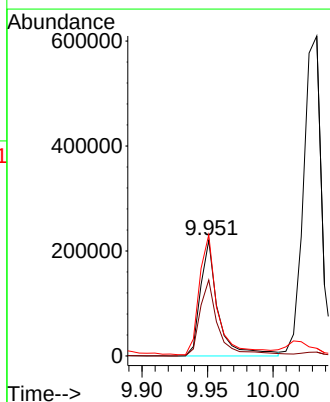
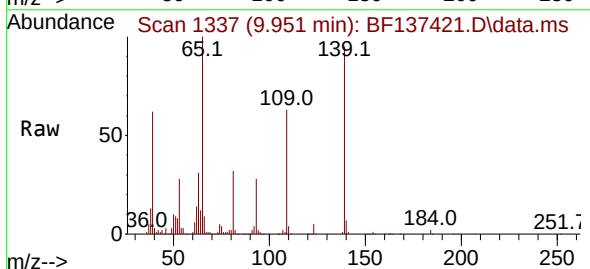
Manual Integrations
APPROVED

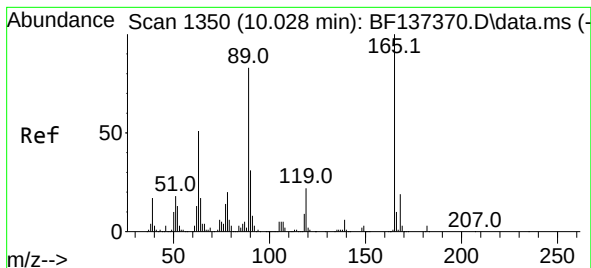
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#56
4-Nitrophenol
Concen: 41.395 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:139 Resp: 207188
Ion Ratio Lower Upper
139 100
109 65.8 48.0 88.0
65 104.9 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 45.197 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

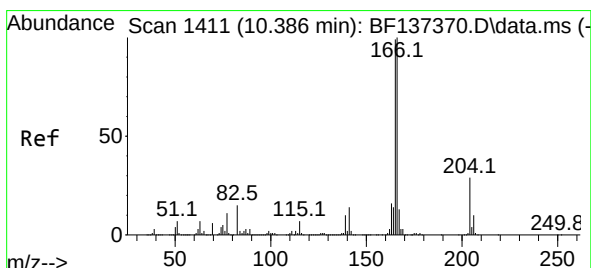
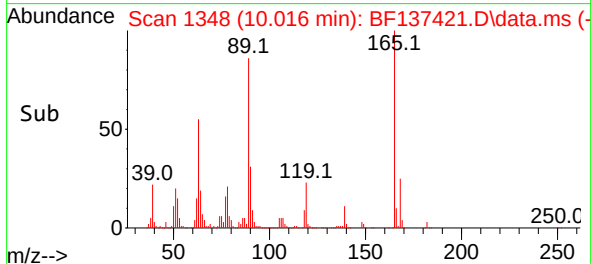
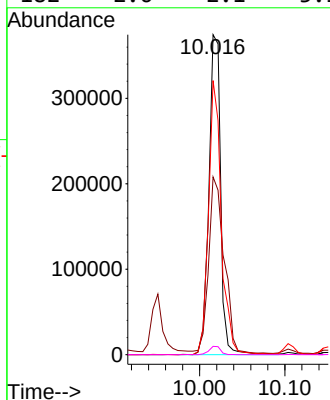
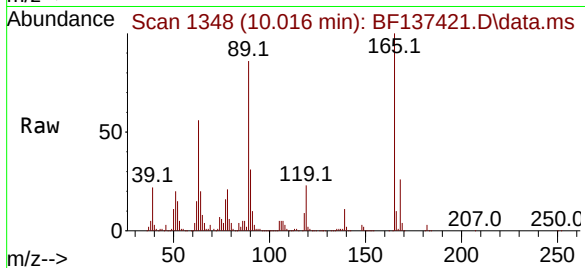
SSTDCCC040

Tgt Ion:165 Resp: 35872
Ion Ratio Lower Upper
165 100
63 55.5 41.1 61.7
89 85.6 66.6 100.0
182 2.6 2.1 3.1

Manual Integrations

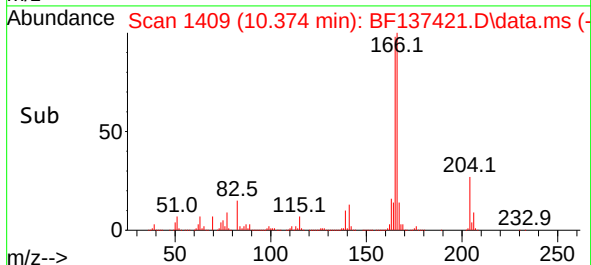
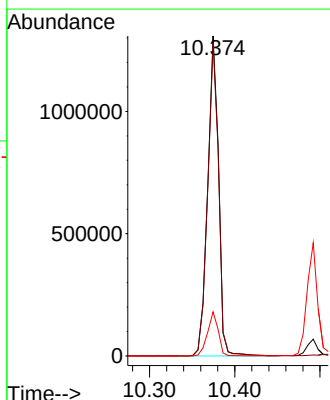
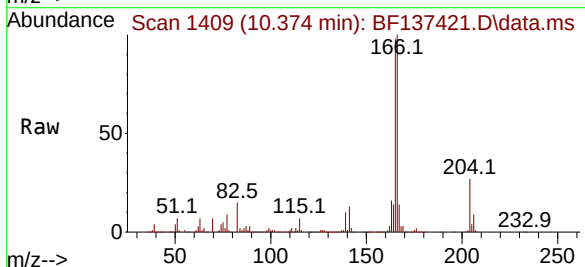
APPROVED

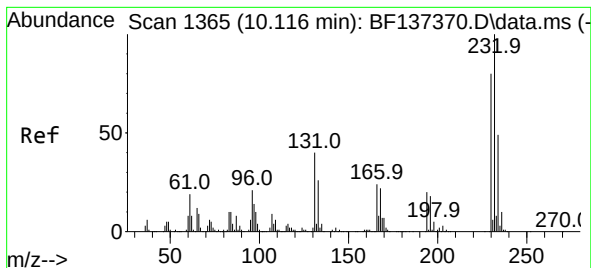
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#58
Fluorene
Concen: 37.684 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

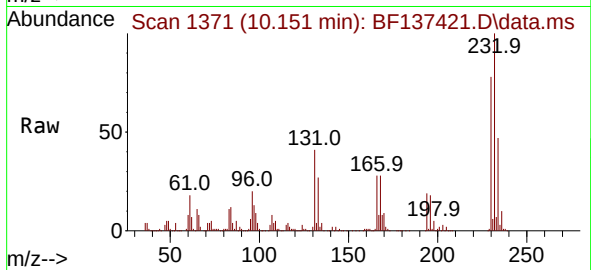
Tgt Ion:166 Resp: 1160355
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.255 ng m
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

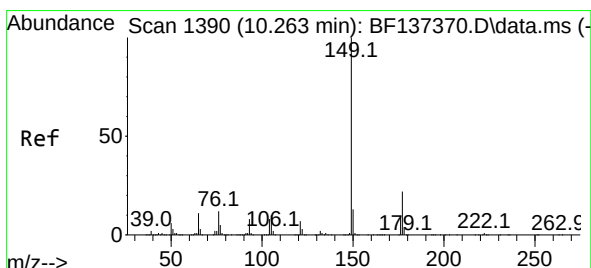
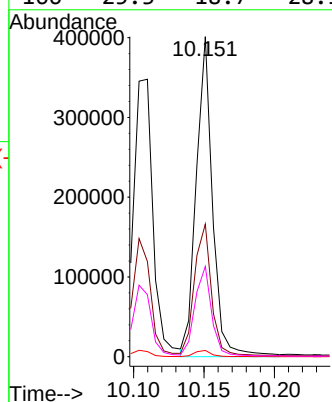
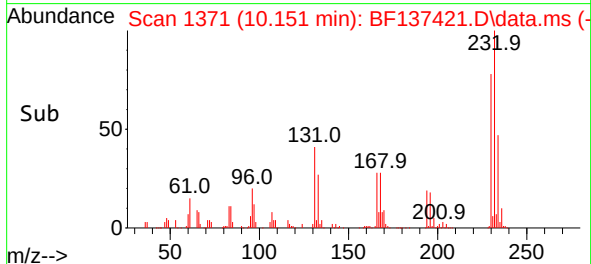
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 325690
Ion Ratio Lower Upper
232 100
131 40.6 31.1 46.7
130 2.3 1.8 2.6
166 25.3 18.7 28.1

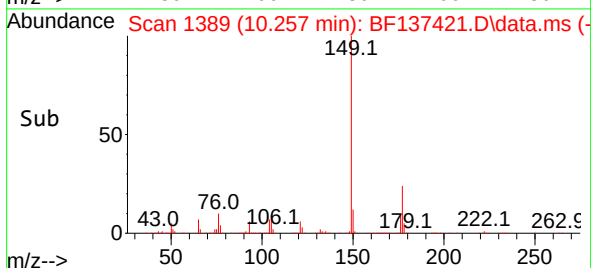
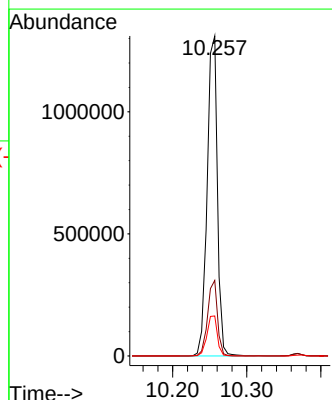
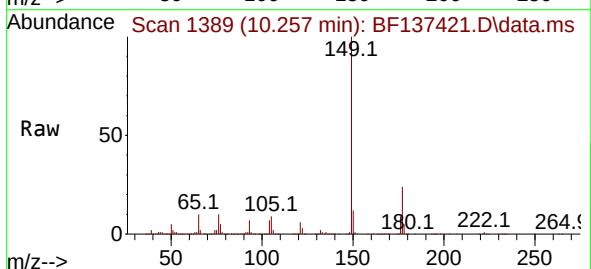
Manual Integrations
APPROVED

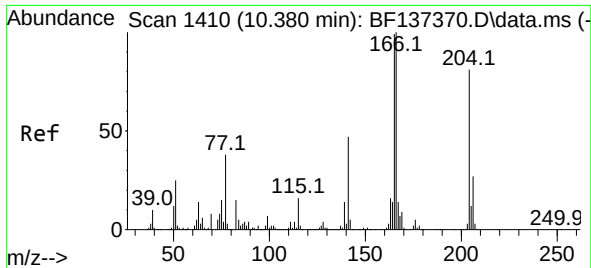
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#60
Diethylphthalate
Concen: 39.987 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

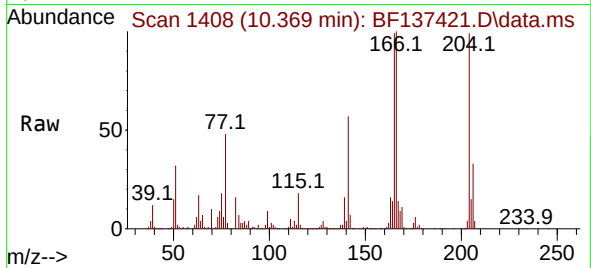
Tgt Ion:149 Resp: 1261559
Ion Ratio Lower Upper
149 100
177 23.6 18.0 27.0
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.233 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

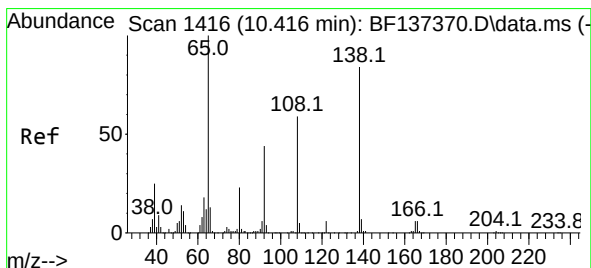
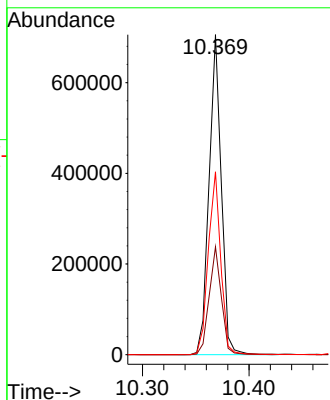
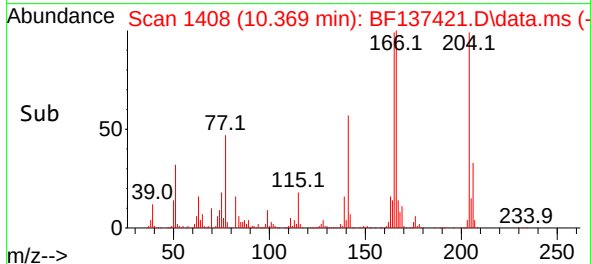
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



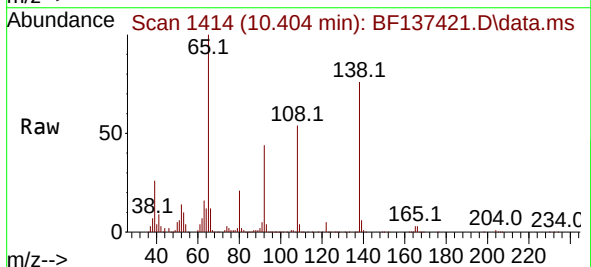
Tgt Ion:204 Resp: 56394
Ion Ratio Lower Upper
204 100
206 33.7 26.8 40.2
141 57.1 46.4 69.6

Manual Integrations
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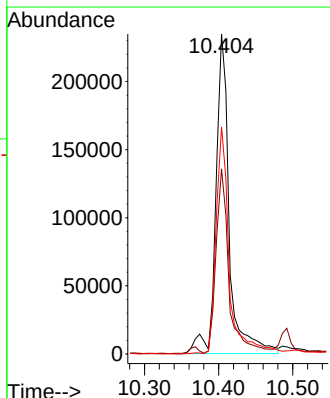
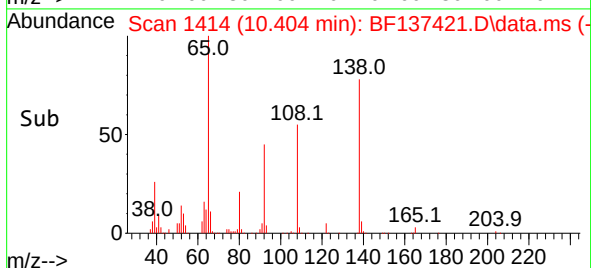
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

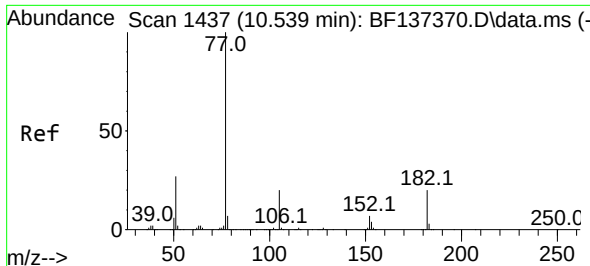


#62
4-Nitroaniline
Concen: 44.845 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



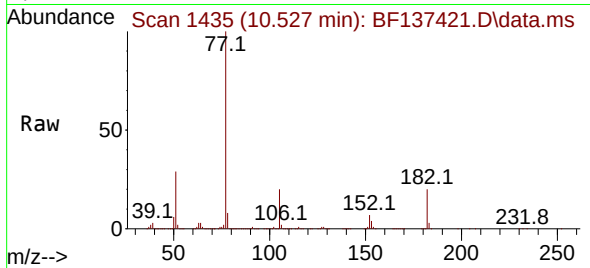
Tgt Ion:138 Resp: 295814
Ion Ratio Lower Upper
138 100
92 57.9 33.4 73.4
108 70.9 50.4 90.4





#63
Azobenzene
Concen: 39.233 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

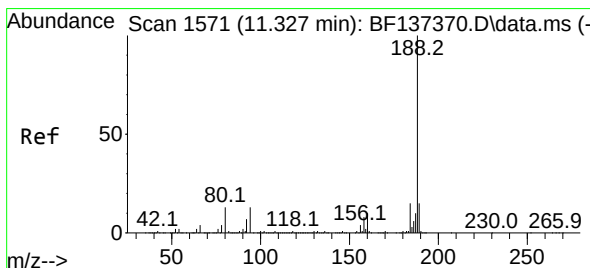
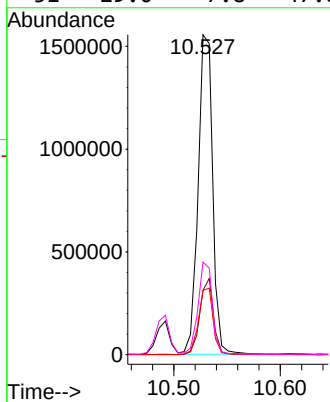
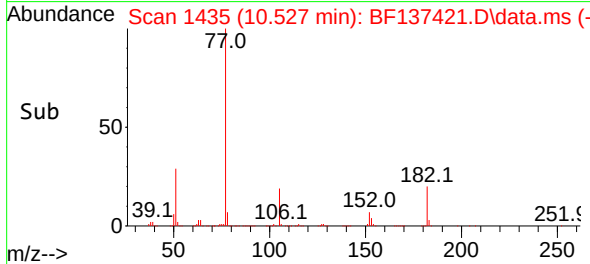
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 1480890
Ion Ratio Lower Upper
77 100
182 20.1 0.0 39.6
105 20.1 0.4 40.4
51 29.0 7.8 47.8

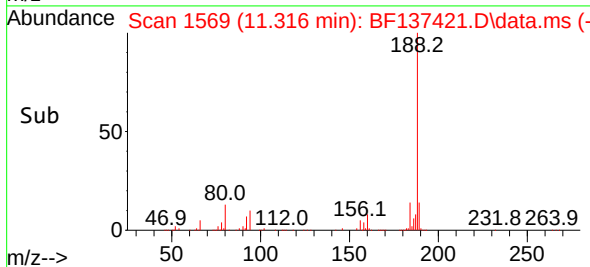
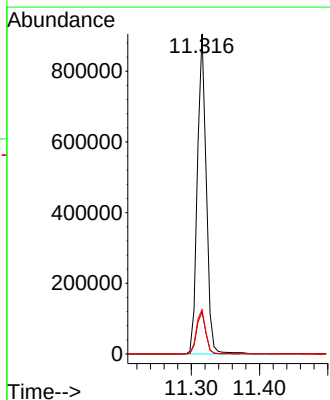
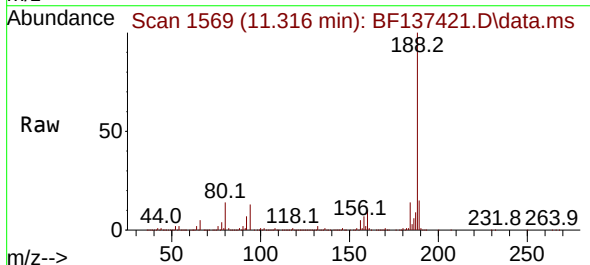
Manual Integrations
APPROVED

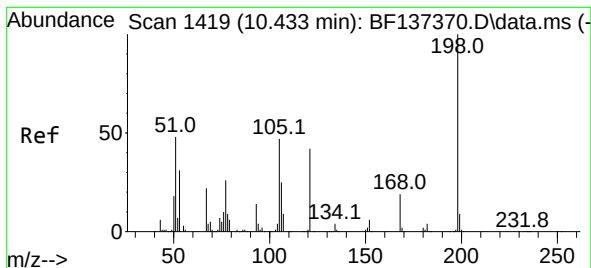
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

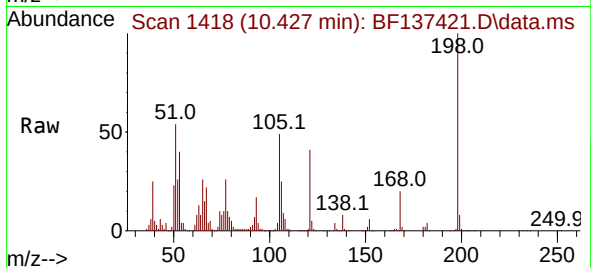
Tgt Ion:188 Resp: 822900
Ion Ratio Lower Upper
188 100
94 13.1 10.2 15.2
80 13.8 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 46.117 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

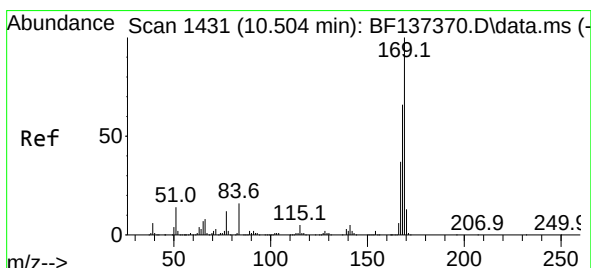
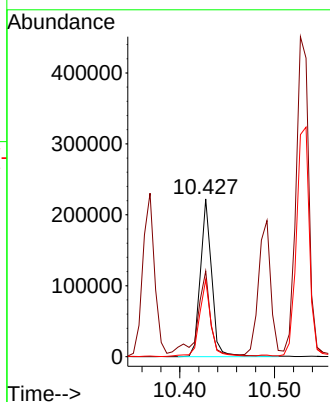
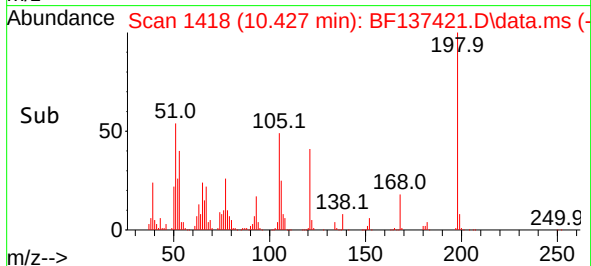
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



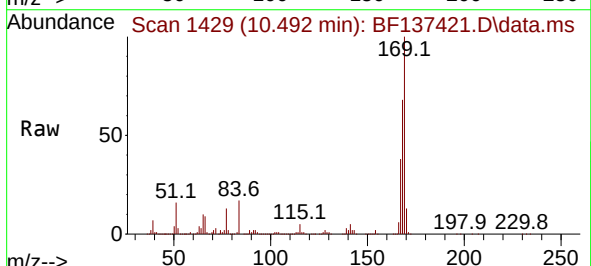
Tgt Ion:198 Resp: 18478
Ion Ratio Lower Upper
198 100
51 54.3 36.8 76.8
105 48.8 28.5 68.5

Manual Integrations
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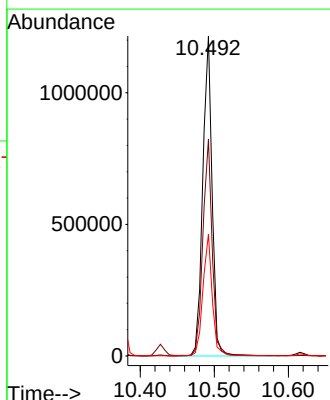
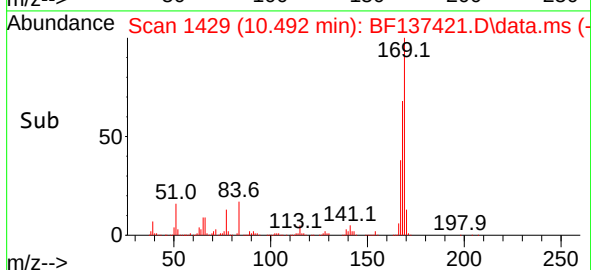
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

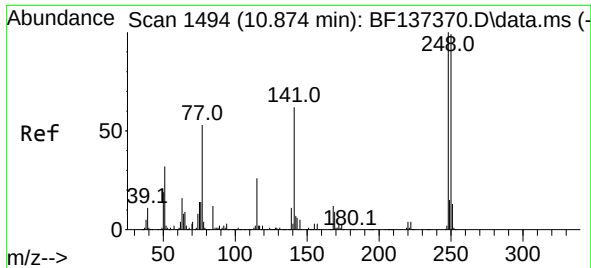


#66
n-Nitrosodiphenylamine
Concen: 39.894 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



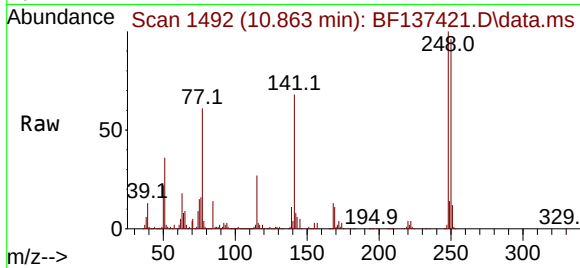
Tgt Ion:169 Resp: 1066187
Ion Ratio Lower Upper
169 100
168 67.7 53.0 79.4
167 38.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 40.974 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

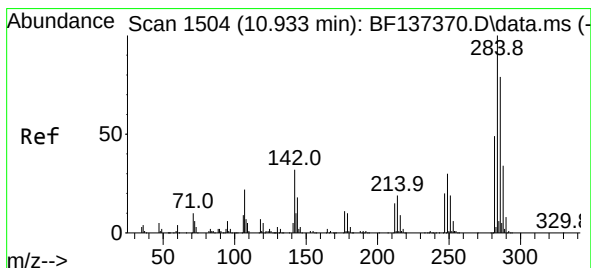
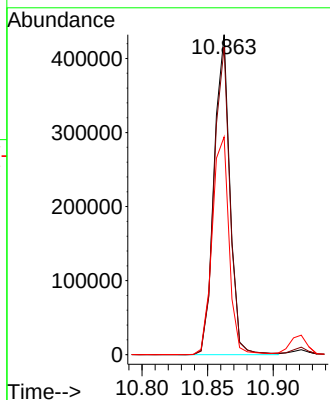
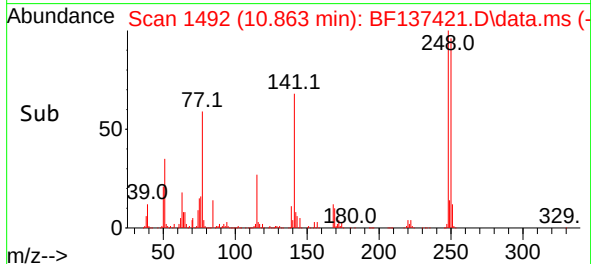
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



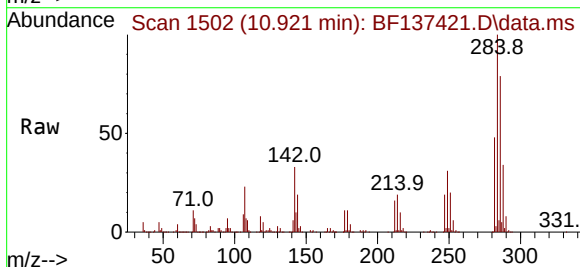
Tgt Ion:248 Resp: 362470
Ion Ratio Lower Upper
248 100
250 96.2 79.0 118.6
141 68.0 49.9 74.9

Manual Integrations
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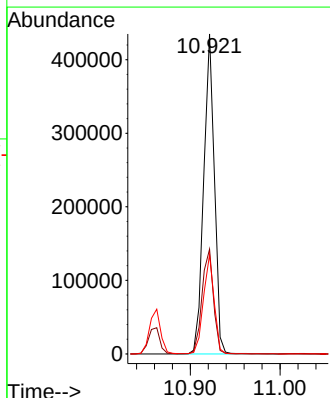
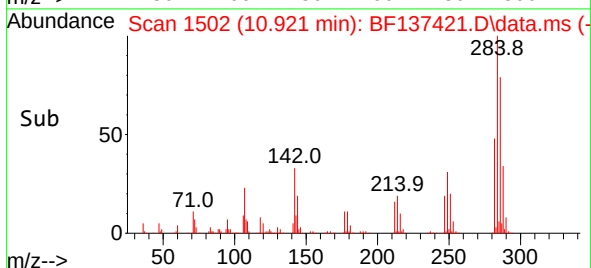
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

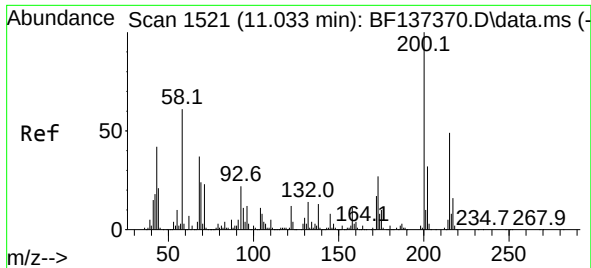


#68
Hexachlorobenzene
Concen: 39.292 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



Tgt Ion:284 Resp: 359574
Ion Ratio Lower Upper
284 100
142 32.8 25.4 38.0
249 31.1 24.2 36.4





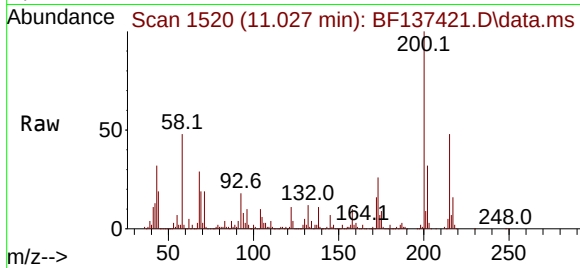
#69
Atrazine
Concen: 45.770 ng
RT: 11.027 min Scan# 11027
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

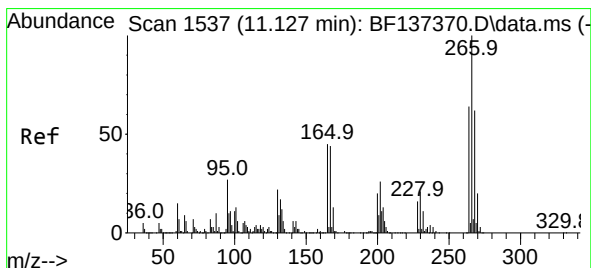
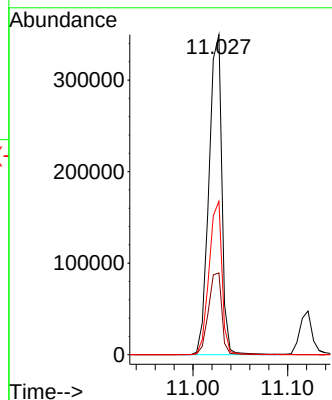
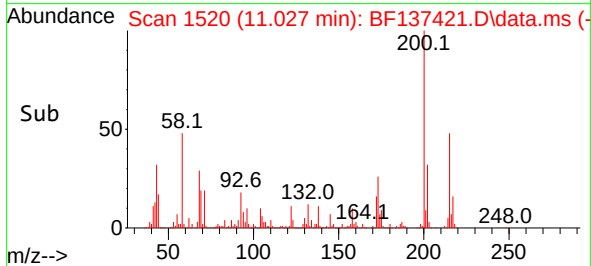


Tgt Ion:200 Resp: 330108
Ion Ratio Lower Upper
200 100
173 25.6 6.8 46.8
215 47.9 29.4 69.4

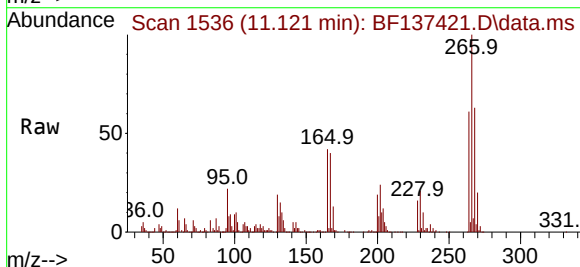
Manual Integrations

APPROVED

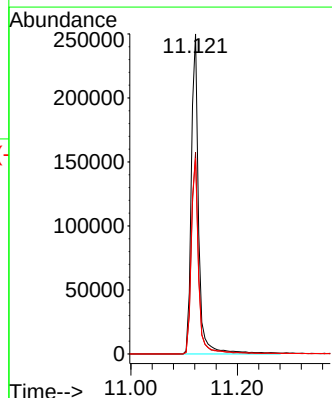
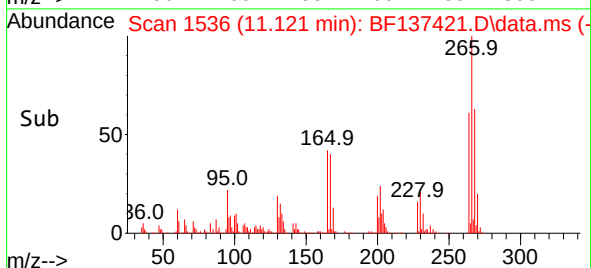
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

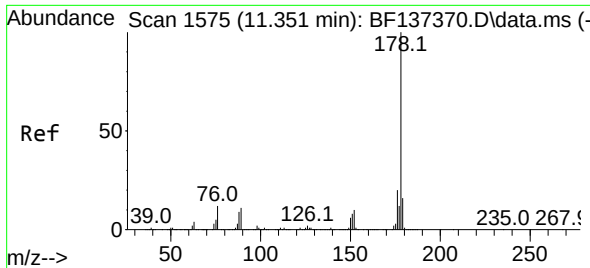


#70
Pentachlorophenol
Concen: 41.161 ng
RT: 11.121 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25



Tgt Ion:266 Resp: 238659
Ion Ratio Lower Upper
266 100
268 63.0 49.4 74.2
264 61.2 51.3 76.9





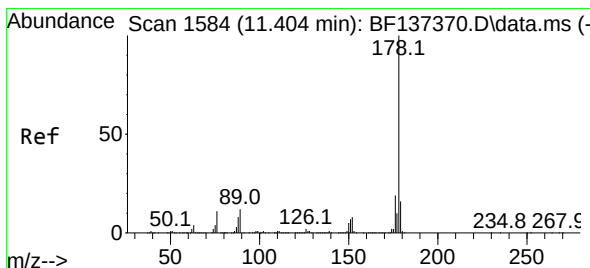
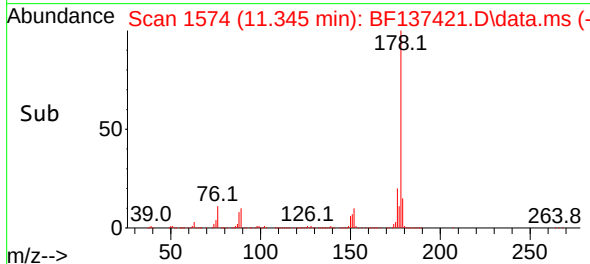
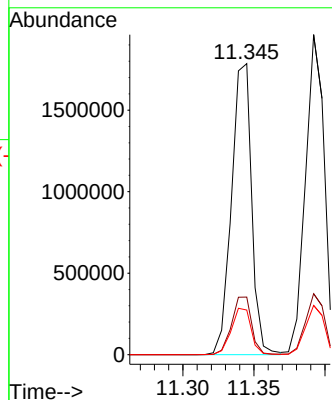
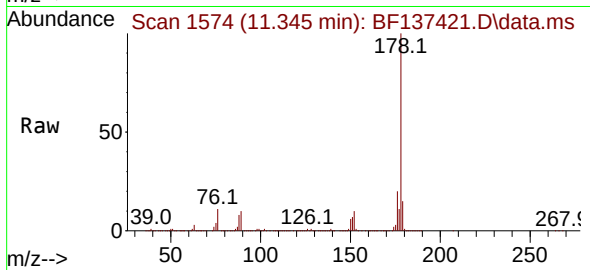
#71
Phenanthrene
Concen: 38.848 ng
RT: 11.345 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1763733
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.3 12.7 19.1

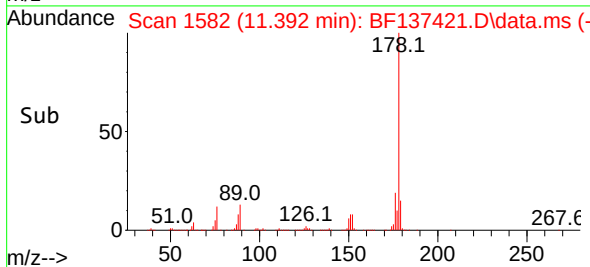
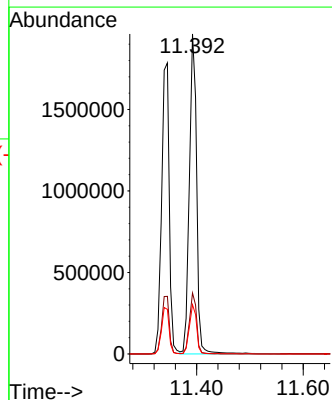
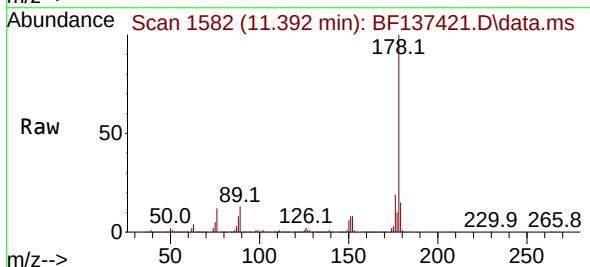
Manual Integrations
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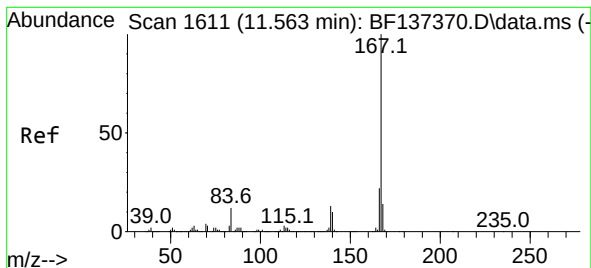
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#72
Anthracene
Concen: 39.746 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:178 Resp: 1859644
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.6 18.8





#73

Carbazole

Concen: 40.165 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 160562

Ion Ratio Lower Upper

167 100

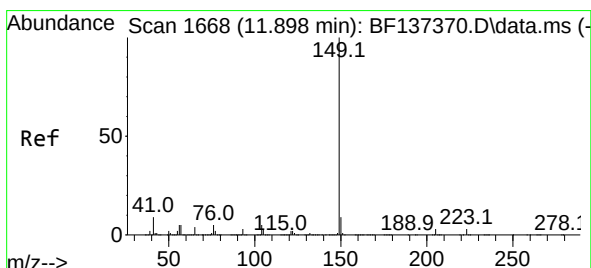
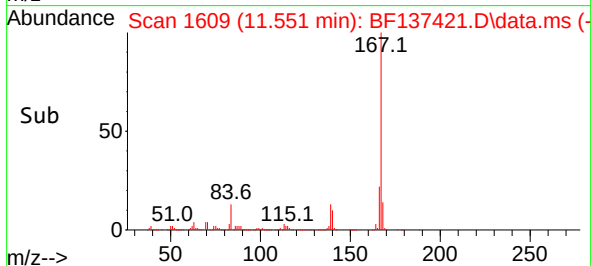
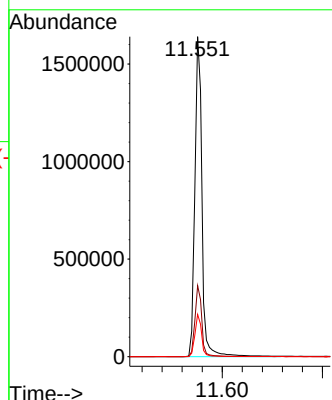
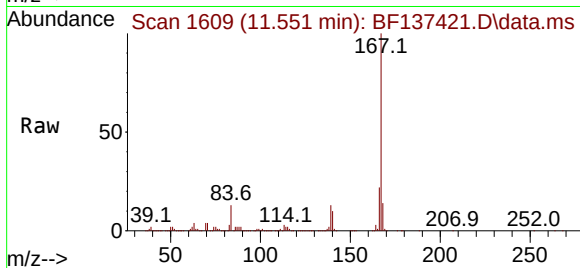
166 22.2 17.8 26.6

139 13.2 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#74

Di-n-butylphthalate

Concen: 45.921 ng

RT: 11.892 min Scan# 1667

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

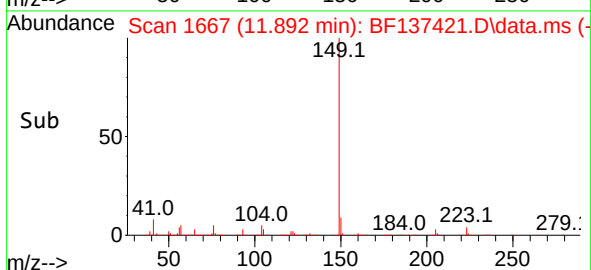
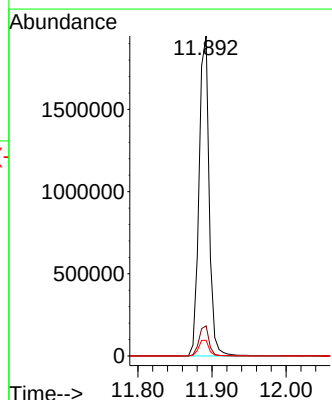
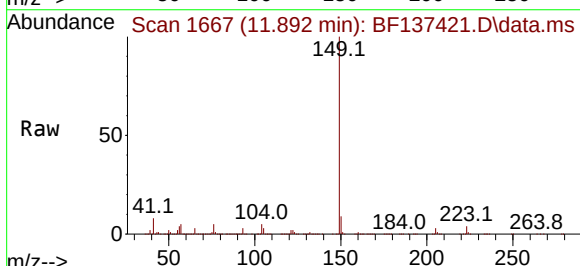
Tgt Ion:149 Resp: 1836802

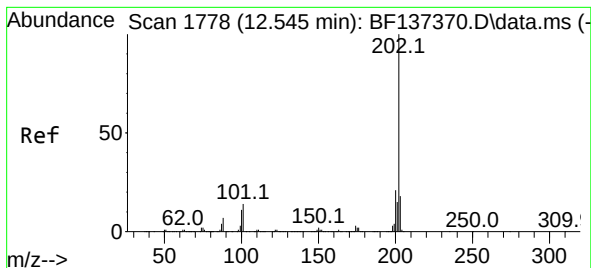
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 39.418 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 174685

Ion Ratio Lower Upper

202 100

101 15.5 0.0 33.9

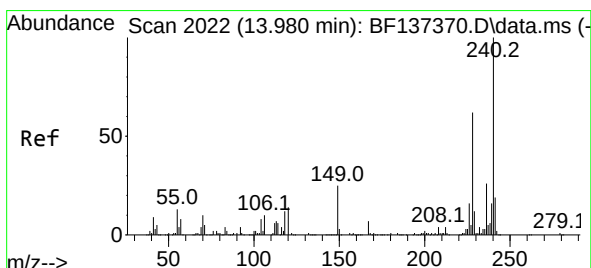
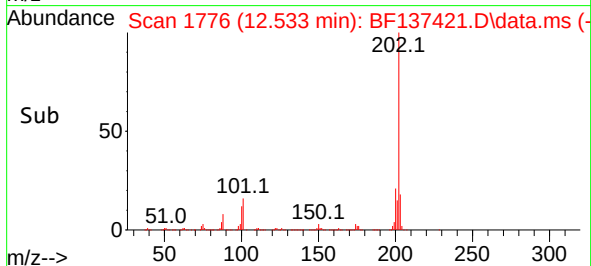
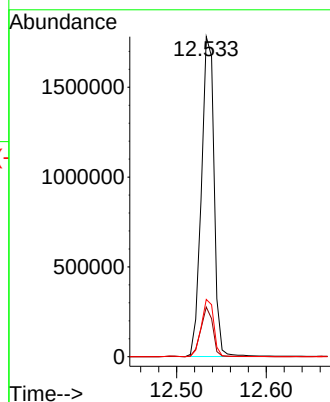
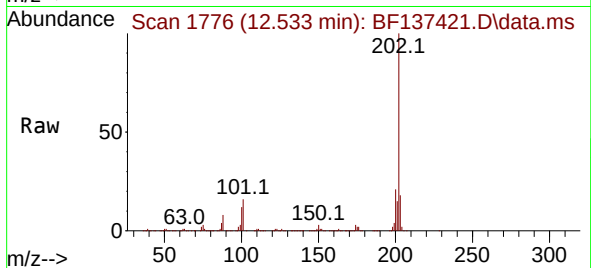
203 17.9 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

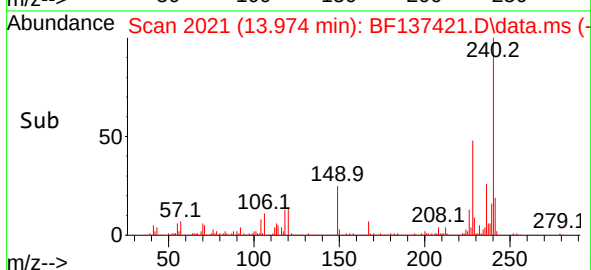
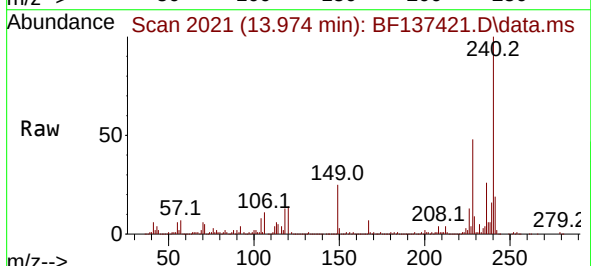
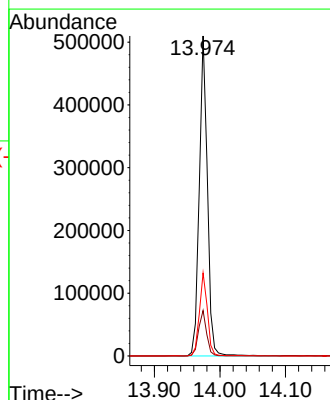
Tgt Ion:240 Resp: 440072

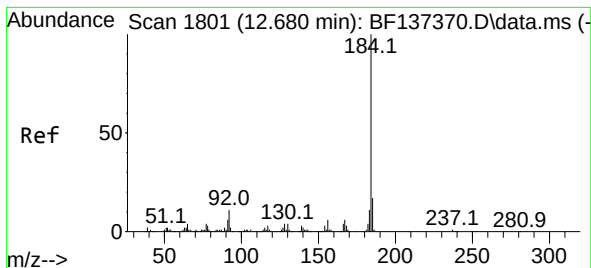
Ion Ratio Lower Upper

240 100

120 14.2 11.3 16.9

236 26.0 20.5 30.7





#77

Benzidine

Concen: 65.601 ng

RT: 12.668 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 51526

Ion Ratio Lower Upper

184 100

185 15.2 13.7 20.5

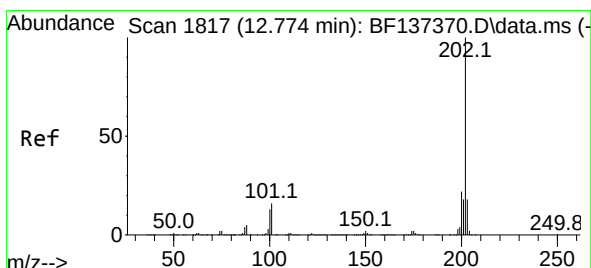
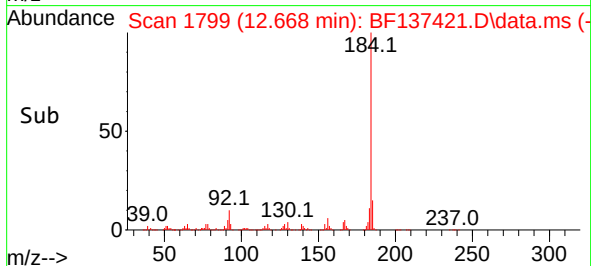
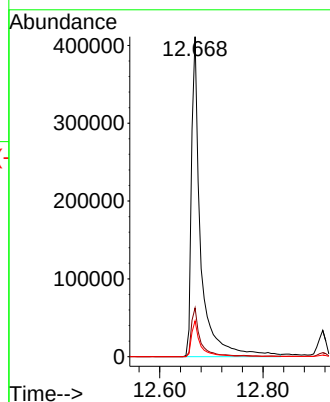
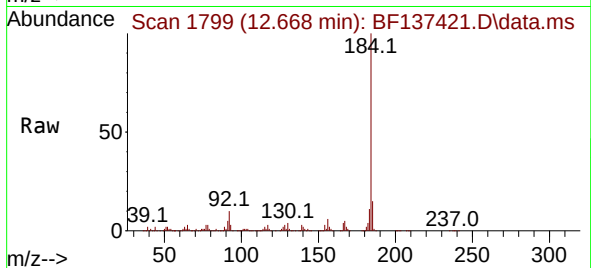
183 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#78

Pyrene

Concen: 42.649 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

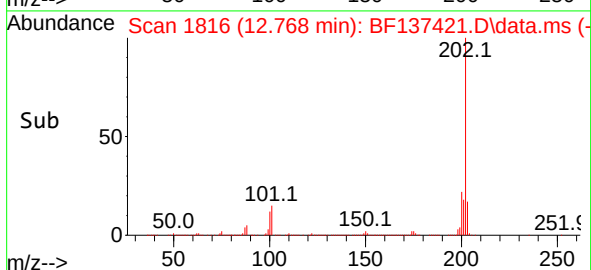
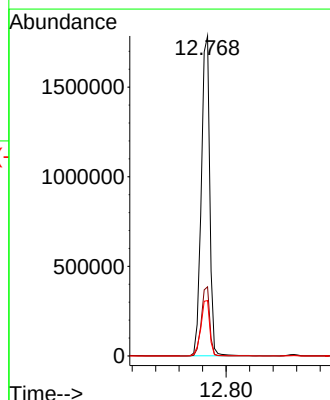
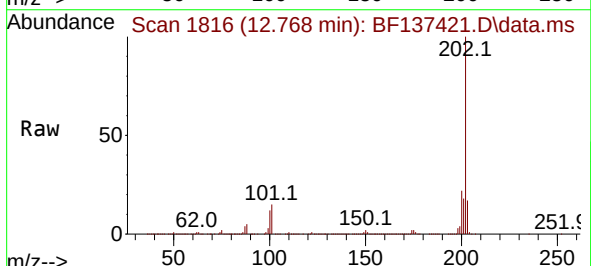
Tgt Ion:202 Resp: 1774708

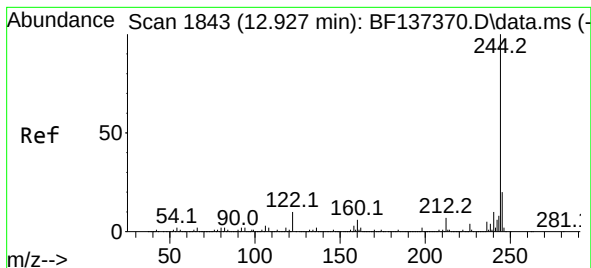
Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 80.060 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF137421.D

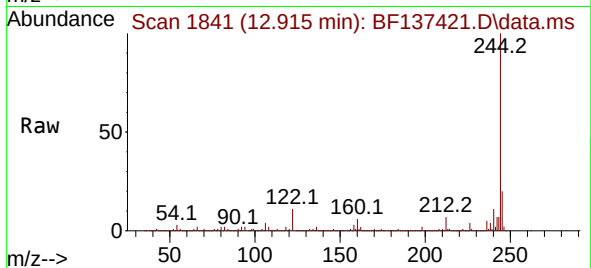
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 251894

Ion Ratio Lower Upper

244 100

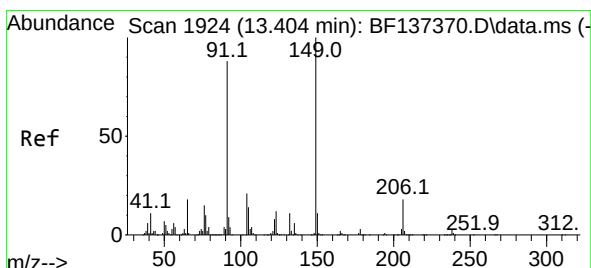
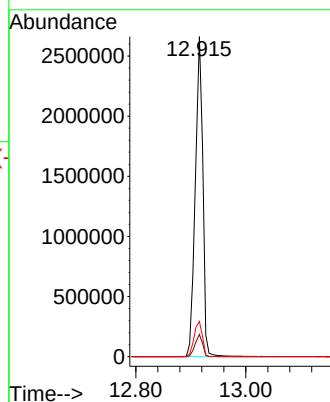
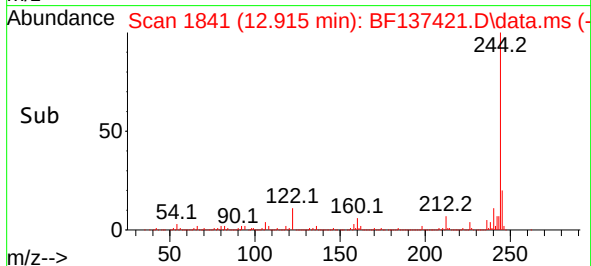
212 7.0 5.3 7.9

122 11.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#80

Butylbenzylphthalate

Concen: 60.677 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

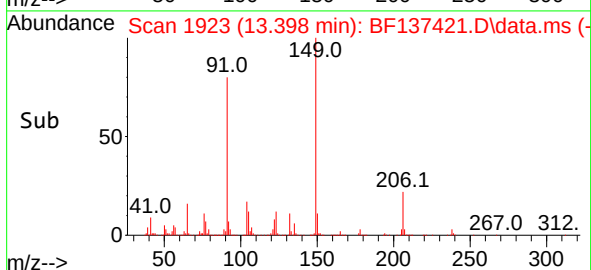
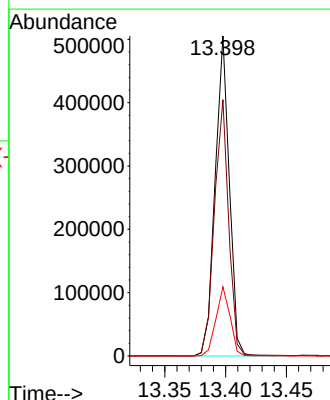
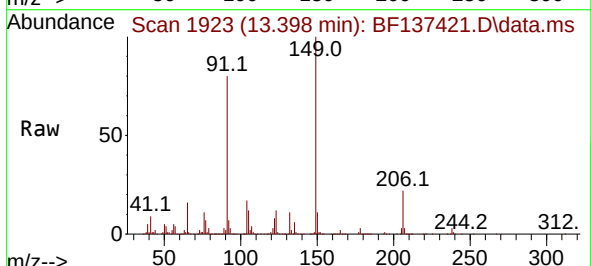
Tgt Ion:149 Resp: 408233

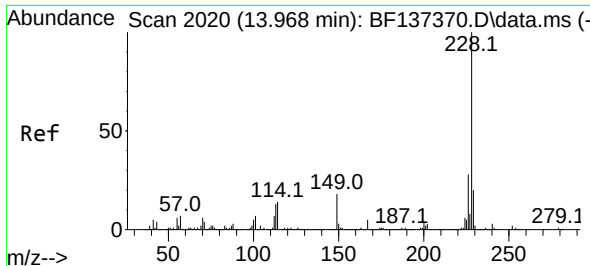
Ion Ratio Lower Upper

149 100

91 80.1 70.5 105.7

206 21.6 14.8 22.2





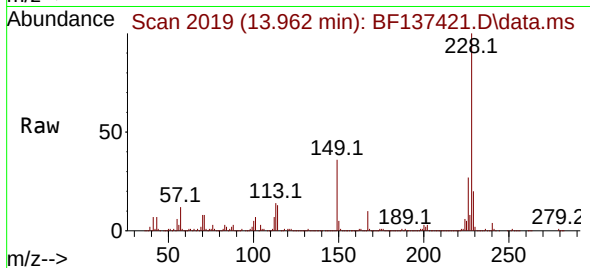
#81
Benzo(a)anthracene
Concen: 40.509 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

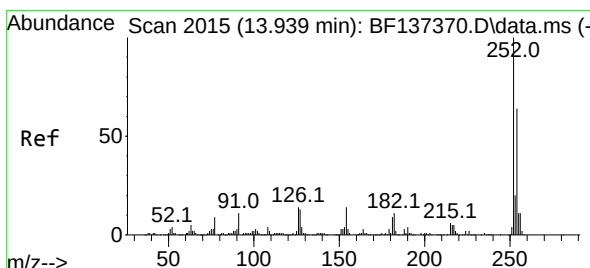
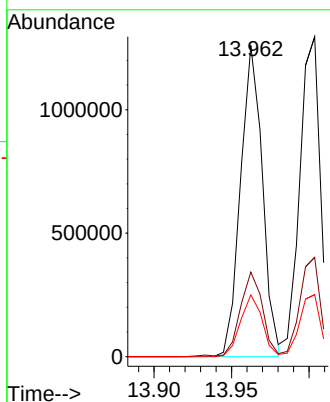
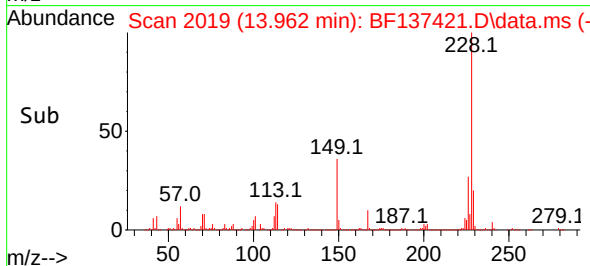


Tgt Ion:228 Resp: 123704
Ion Ratio Lower Upper
228 100
226 27.2 22.1 33.1
229 19.8 15.7 23.5

Manual Integrations

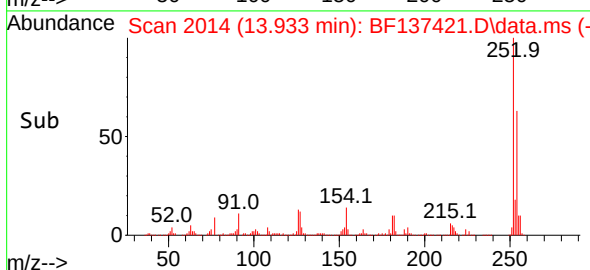
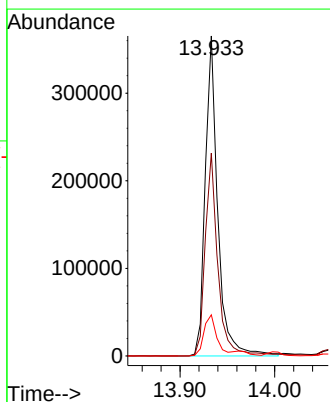
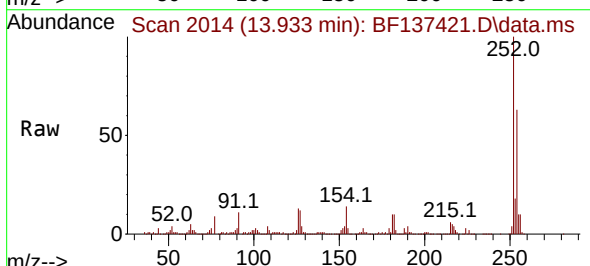
APPROVED

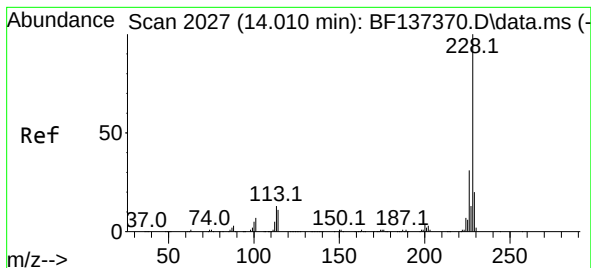
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#82
3,3'-Dichlorobenzidine
Concen: 47.275 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:252 Resp: 336039
Ion Ratio Lower Upper
252 100
254 63.4 51.2 76.8
126 12.9 11.1 16.7





#83

Chrysene

Concen: 39.898 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1244614

Ion Ratio Lower Upper

228 100

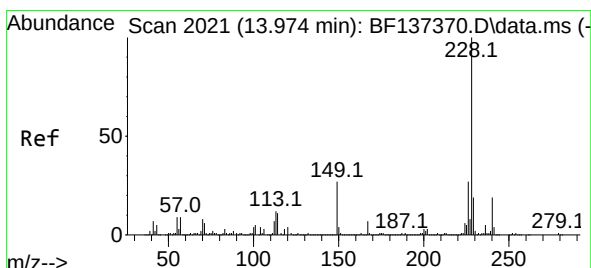
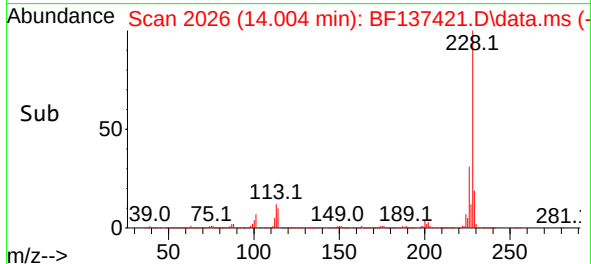
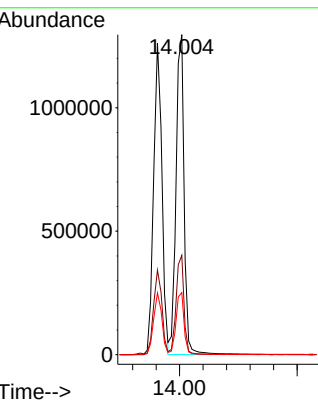
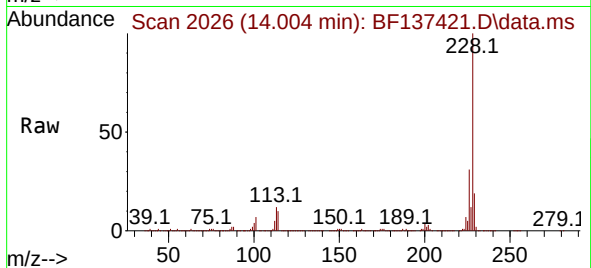
226 31.0 24.6 37.0

229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.430 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

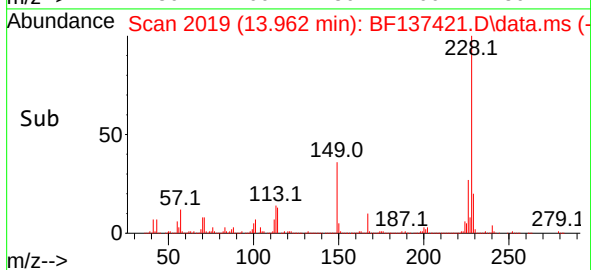
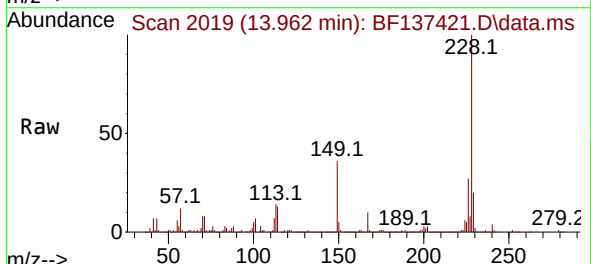
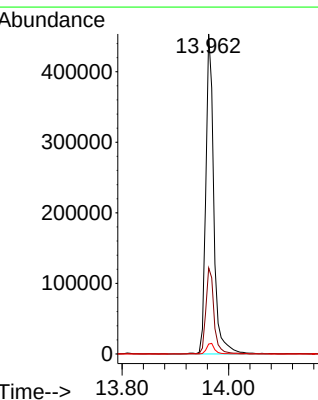
Tgt Ion:149 Resp: 472344

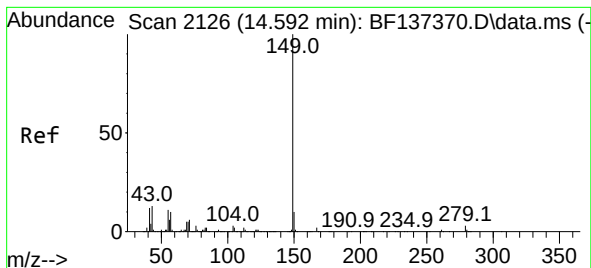
Ion Ratio Lower Upper

149 100

167 26.9 20.6 31.0

279 3.1 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 53.810 ng

RT: 14.586 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 78566

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

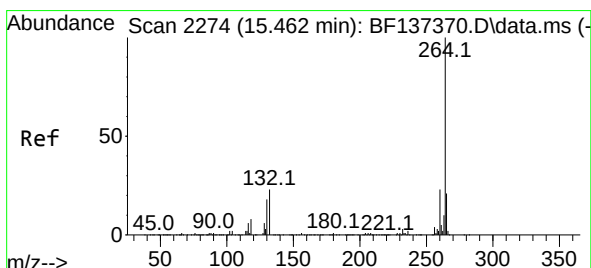
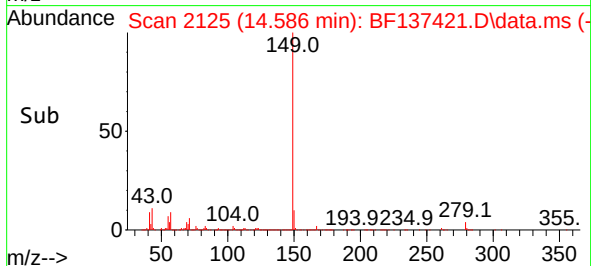
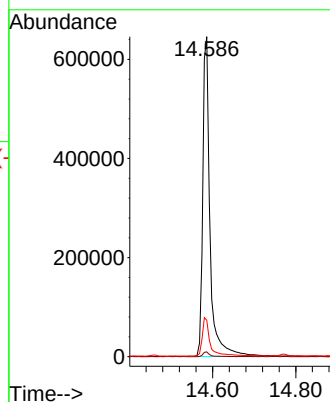
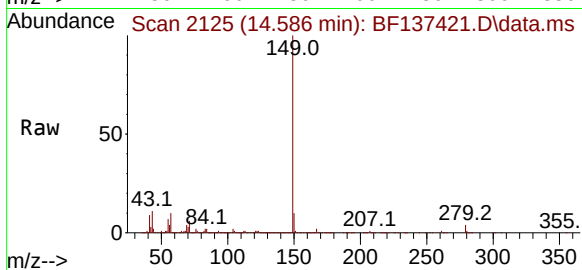
43 13.1 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024

Supervised By :mohammad ahmed 03/01/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

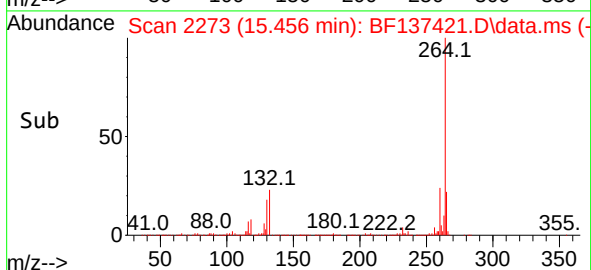
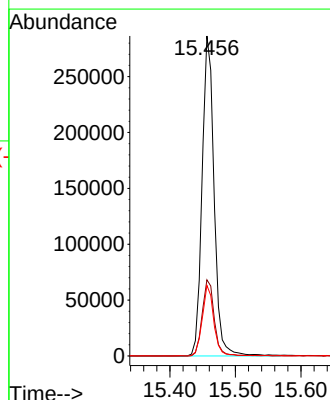
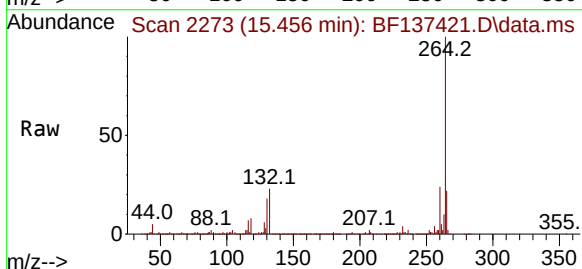
Tgt Ion:264 Resp: 366383

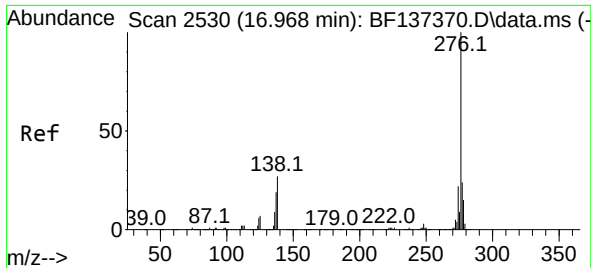
Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 22.1 16.9 25.3





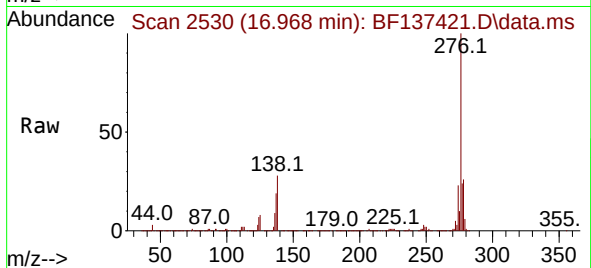
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.272 ng
 RT: 16.968 min Scan# 2199
 Delta R.T. 0.000 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

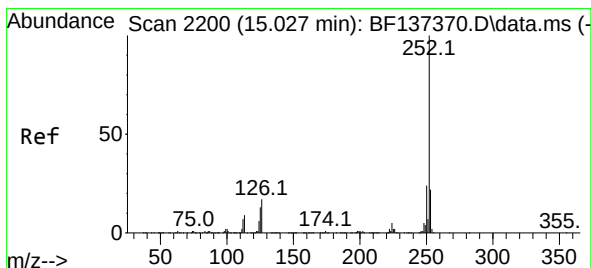
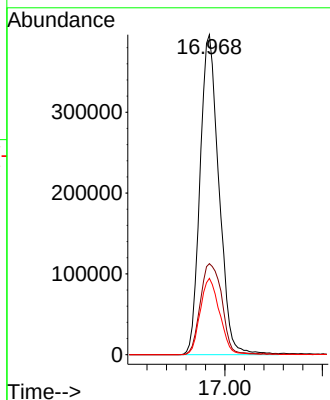
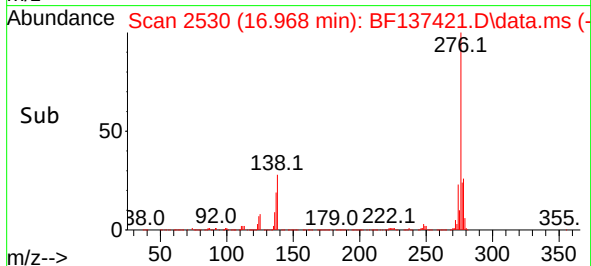


Tgt Ion:276 Resp: 1066518
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.8 38.8
 277 24.6 19.6 29.4

Manual Integrations

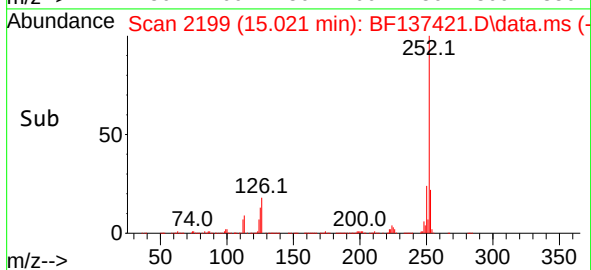
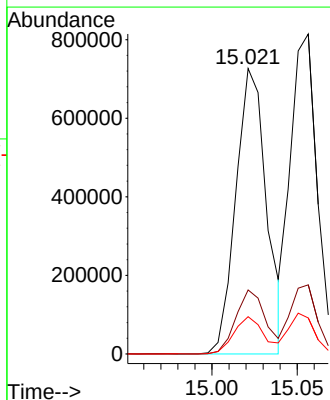
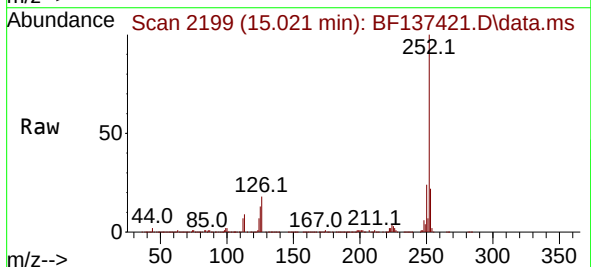
APPROVED

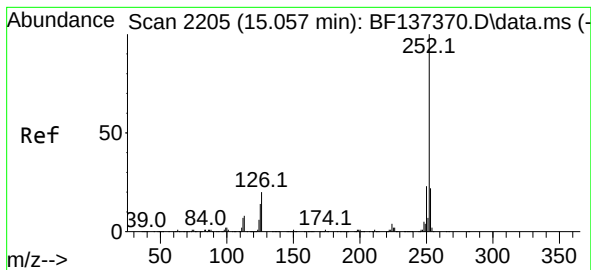
Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024



#88
 Benzo(b)fluoranthene
 Concen: 40.577 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. -0.006 min
 Lab File: BF137421.D
 Acq: 28 Feb 2024 14:25

Tgt Ion:252 Resp: 911988
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 13.0 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 38.600 ng

RT: 15.056 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 909308

Ion Ratio Lower Upper

252 100

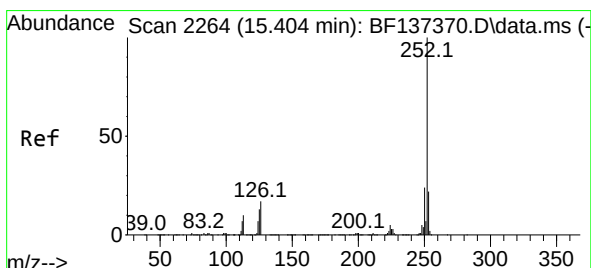
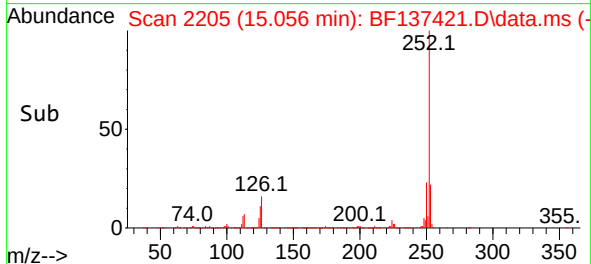
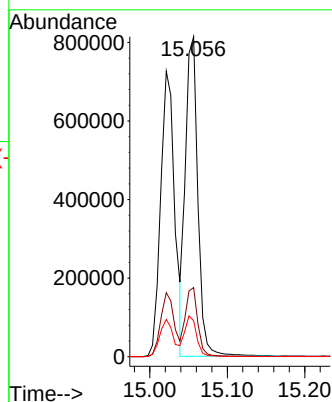
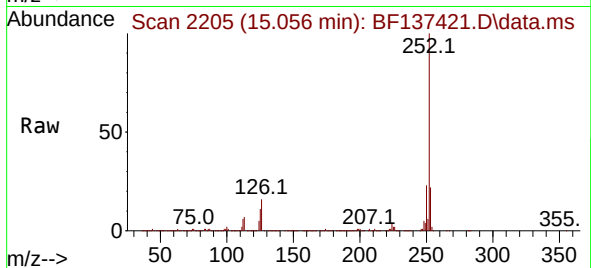
253 21.6 17.3 25.9

125 11.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#90

Benzo(a)pyrene

Concen: 41.258 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF137421.D

Acq: 28 Feb 2024 14:25

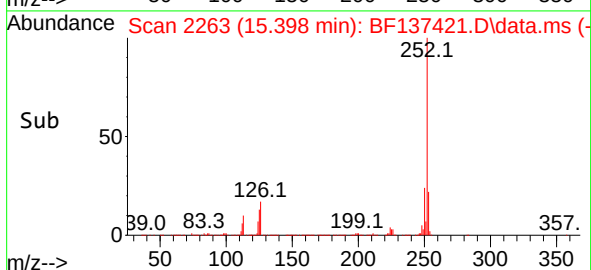
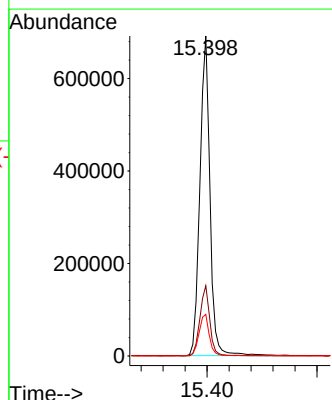
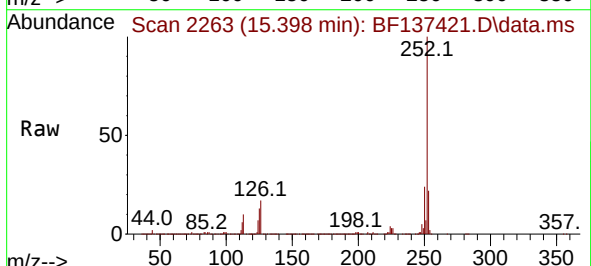
Tgt Ion:252 Resp: 879585

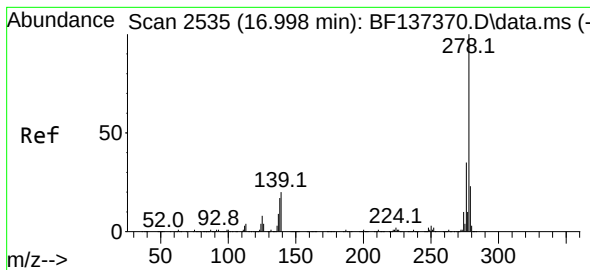
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 13.0 10.6 16.0





#91
Dibenzo(a,h)anthracene
Concen: 41.999 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Instrument :

BNA_F

ClientSampleId :

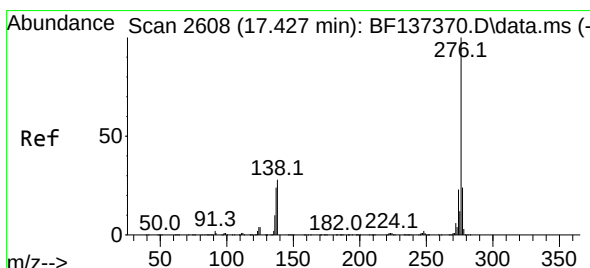
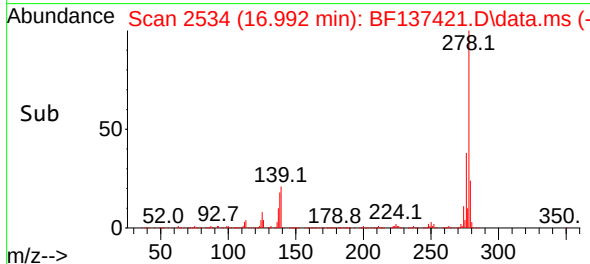
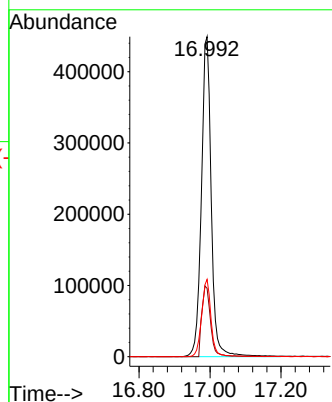
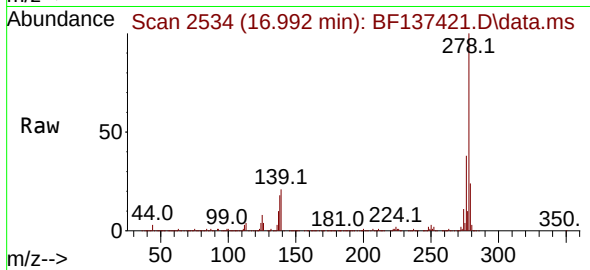
SSTDCCC040

Tgt Ion:278 Resp: 868874
Ion Ratio Lower Upper
278 100
139 21.4 16.2 24.4
279 24.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024



#92
Benzo(g,h,i)perylene
Concen: 42.170 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.006 min
Lab File: BF137421.D
Acq: 28 Feb 2024 14:25

Tgt Ion:276 Resp: 900569
Ion Ratio Lower Upper
276 100
277 25.2 19.0 28.4
138 28.7 22.6 33.8

