

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137522.D
 Acq On : 06 Mar 2024 16:55
 Operator : CG\JU
 Sample : P1685-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 06 17:14:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 06 00:07:28 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	237153	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	899882	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	489015	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	748602	20.000	ng	0.00
76) Chrysene-d12	14.051	240	409647	20.000	ng	0.00
86) Perylene-d12	15.580	264	489893	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1223632	78.145	ng	0.01
7) Phenol-d6	6.504	99	1653774	73.168	ng	0.00
23) Nitrobenzene-d5	7.422	82	1040775	53.739	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	318310	74.122	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1590701	50.919	ng	0.00
79) Terphenyl-d14	12.986	244	1236185	41.496	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	305400	35.670	ng	100
3) Pyridine	3.534	79	728223	35.267	ng	99
4) n-Nitrosodimethylamine	3.516	42	347110	42.013	ng	99
6) Aniline	6.528	93	621515	22.504	ng	# 86
8) 2-Chlorophenol	6.645	128	685078	41.481	ng	94
9) Benzaldehyde	6.416	77	357057	32.245	ng	99
10) Phenol	6.522	94	964103	39.630	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	721947	40.497	ng	98
12) 1,3-Dichlorobenzene	6.798	146	719996	40.797	ng	99
13) 1,4-Dichlorobenzene	6.875	146	713688	39.525	ng	98
14) 1,2-Dichlorobenzene	7.028	146	685167	41.341	ng	97
15) Benzyl Alcohol	7.004	79	636163	45.210	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1127388	36.790	ng	90
17) 2-Methylphenol	7.116	107	557315	36.062	ng	99
18) Hexachloroethane	7.363	117	252090	42.400	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	510514	36.577	ng	98
20) 3+4-Methylphenols	7.269	107	648619	36.646	ng	96
22) Acetophenone	7.269	105	893589	41.041	ng	98
24) Nitrobenzene	7.440	77	791916	40.704	ng	100
25) Isophorone	7.675	82	1479084	40.199	ng	100
26) 2-Nitrophenol	7.757	139	351868	45.555	ng	93
27) 2,4-Dimethylphenol	7.792	122	493659	34.204	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	885601	41.022	ng	99
29) 2,4-Dichlorophenol	7.998	162	565780	42.713	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	595733	42.738	ng	99
31) Naphthalene	8.157	128	1923385	39.837	ng	100
32) Benzoic acid	7.922	122	238479	31.226	ng	98
33) 4-Chloroaniline	8.210	127	174156	9.199	ng	99
34) Hexachlorobutadiene	8.275	225	343920	41.792	ng	99
35) Caprolactam	8.586	113	187707m	41.792	ng	
36) 4-Chloro-3-methylphenol	8.698	107	611186	41.279	ng	99
37) 2-Methylnaphthalene	8.851	142	1186138	38.537	ng	99
38) 1-Methylnaphthalene	8.945	142	1105675	38.145	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	572606	41.943	ng	99
41) Hexachlorocyclopentadiene	8.998	237	393069	71.525	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	382438	43.017	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137522.D
 Acq On : 06 Mar 2024 16:55
 Operator : CG\JU
 Sample : P1685-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12002MSD

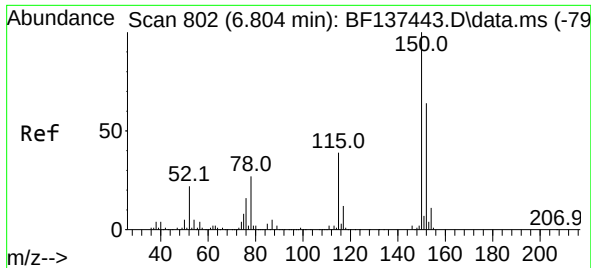
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 06 17:14:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

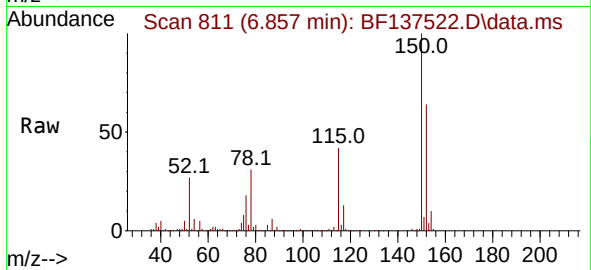
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	409824	40.017	ng	97
46) 1,1'-Biphenyl	9.316	154	1447755	40.450	ng	99
47) 2-Chloronaphthalene	9.339	162	1144928	41.957	ng	99
48) 2-Nitroaniline	9.439	65	405809	43.753	ng	95
49) Acenaphthylene	9.757	152	1796169	41.130	ng	99
50) Dimethylphthalate	9.622	163	1377618	40.469	ng	99
51) 2,6-Dinitrotoluene	9.686	165	299480	42.062	ng	93
52) Acenaphthene	9.928	154	1007563	38.646	ng	99
53) 3-Nitroaniline	9.857	138	163046	21.650	ng	91
54) 2,4-Dinitrophenol	9.963	184	178187	54.259	ng	99
55) Dibenzofuran	10.104	168	1530375	38.540	ng	99
56) 4-Nitrophenol	10.028	139	375731	70.683	ng	98
57) 2,4-Dinitrotoluene	10.092	165	363575	41.563	ng	96
58) Fluorene	10.445	166	1152839	37.803	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	320157	38.984	ng	94
60) Diethylphthalate	10.328	149	1280331	39.829	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	558493	37.368	ng	97
62) 4-Nitroaniline	10.475	138	233278	36.039	ng	97
63) Azobenzene	10.604	77	1444716	39.030	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	155675	37.311	ng	99
66) n-Nitrosodiphenylamine	10.563	169	1027080	42.607	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	357341	43.826	ng	98
68) Hexachlorobenzene	10.992	284	377262	45.810	ng	97
69) Atrazine	11.098	200	328812	44.870	ng	98
70) Pentachlorophenol	11.192	266	357841	71.879	ng	100
71) Phenanthrene	11.416	178	1673827	41.085	ng	99
72) Anthracene	11.469	178	1646377	39.347	ng	100
73) Carbazole	11.627	167	1411887	39.393	ng	99
74) Di-n-butylphthalate	11.963	149	1805144	42.332	ng	99
75) Fluoranthene	12.610	202	1500756	37.686	ng	99
77) Benzidine	12.739	184	522864	52.156	ng	98
78) Pyrene	12.839	202	1508165	37.521	ng	100
80) Butylbenzylphthalate	13.474	149	517343	50.397	ng	98
81) Benzo(a)anthracene	14.039	228	1219865	42.487	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	300247	39.269	ng	98
83) Chrysene	14.080	228	1245888	42.934	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	702157	53.815	ng	# 99
85) Di-n-octyl phthalate	14.668	149	1410978	55.163	ng	98
87) Indeno(1,2,3-cd)pyrene	17.168	276	1068206	33.135	ng	98
88) Benzo(b)fluoranthene	15.127	252	1269668	43.813	ng	99
89) Benzo(k)fluoranthene	15.157	252	1284471	41.266	ng	98
90) Benzo(a)pyrene	15.515	252	1210338	42.383	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	856758	32.761	ng	98
92) Benzo(g,h,i)perylene	17.651	276	764707	28.472	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

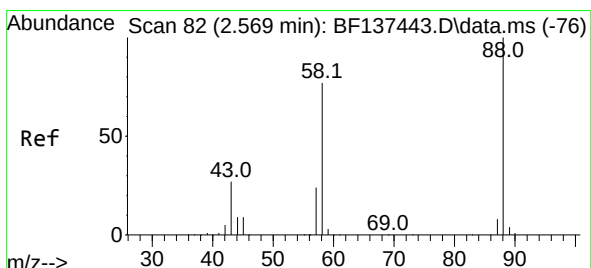
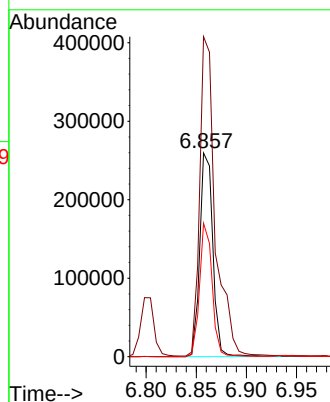
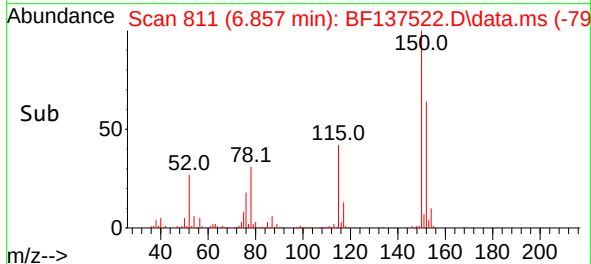
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



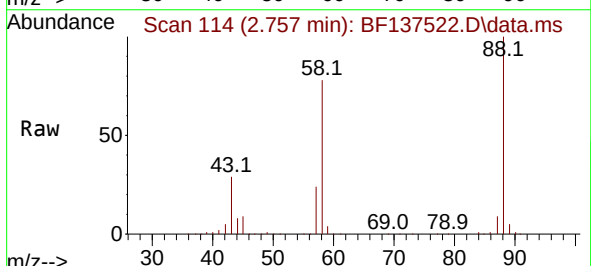
Tgt Ion:152 Resp: 23715
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 65.5 48.8 73.2

Manual Integrations
APPROVED

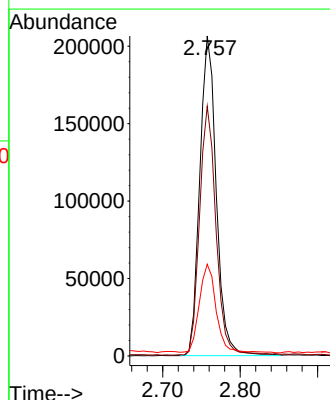
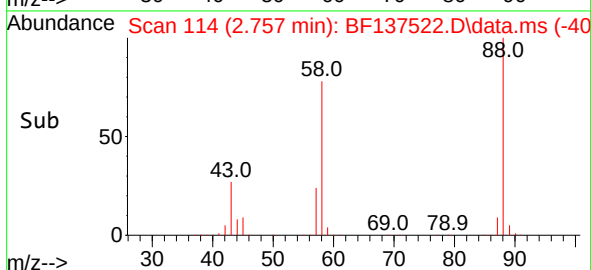
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

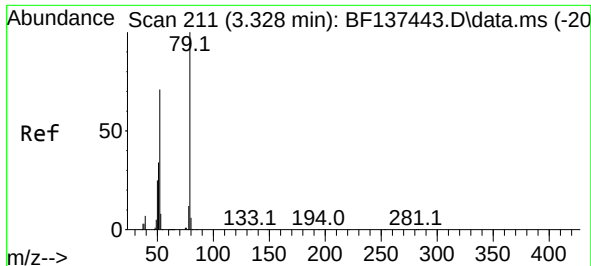


#2
1,4-Dioxane
Concen: 35.670 ng
RT: 2.757 min Scan# 114
Delta R.T. 0.083 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



Tgt Ion: 88 Resp: 305400
Ion Ratio Lower Upper
88 100
58 77.3 61.8 92.8
43 28.6 22.2 33.4





#3
 Pyridine
 Concen: 35.267 ng
 RT: 3.534 min Scan# 24
 Delta R.T. 0.071 min
 Lab File: BF137522.D
 Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

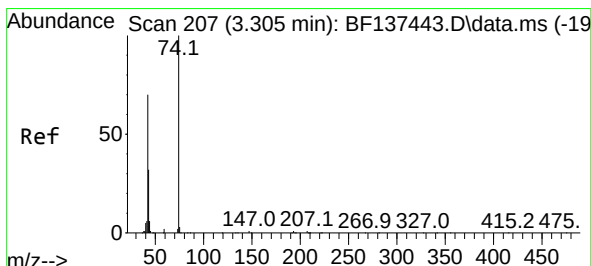
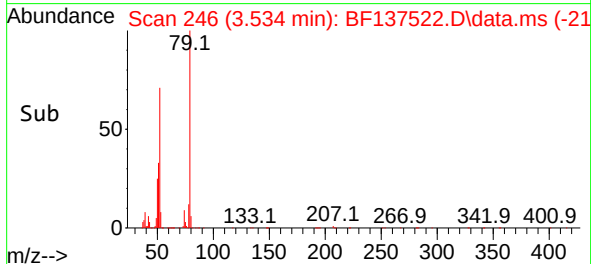
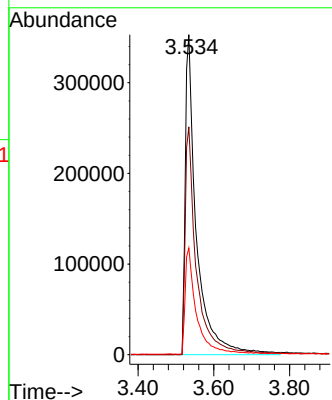
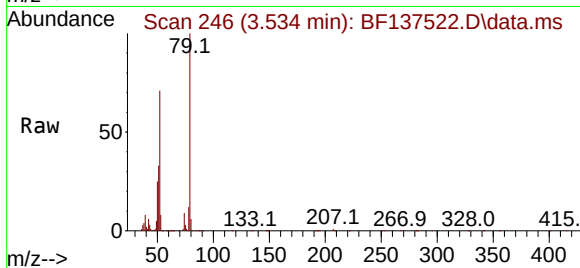
72-12002MSD

Tgt Ion: 79 Resp: 72822
 Ion Ratio Lower Upper
 79 100
 52 71.2 57.0 85.4
 51 33.4 27.5 41.3

Manual Integrations

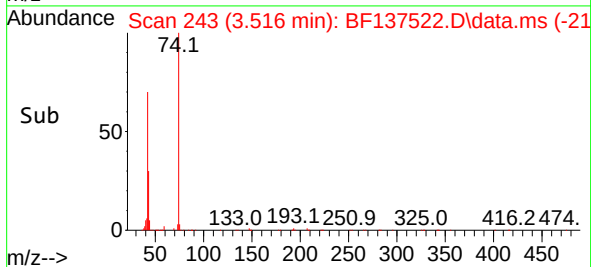
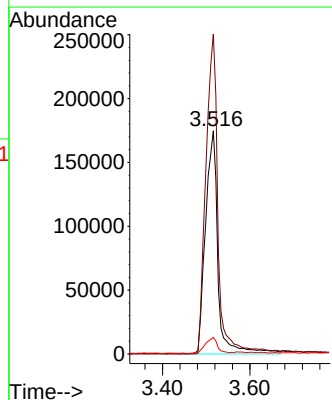
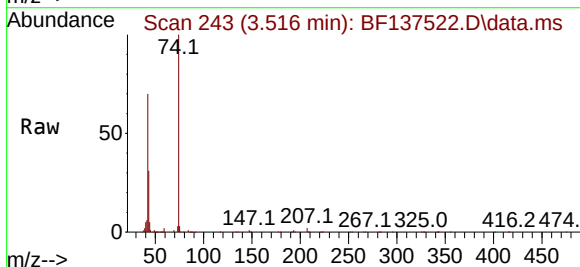
APPROVED

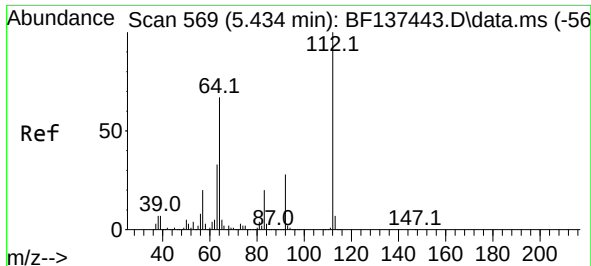
Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024



#4
 n-Nitrosodimethylamine
 Concen: 42.013 ng
 RT: 3.516 min Scan# 243
 Delta R.T. 0.071 min
 Lab File: BF137522.D
 Acq: 06 Mar 2024 16:55

Tgt Ion: 42 Resp: 347110
 Ion Ratio Lower Upper
 42 100
 74 143.3 114.0 171.0
 44 7.4 7.0 10.4





#5
2-Fluorophenol
Concen: 78.145 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

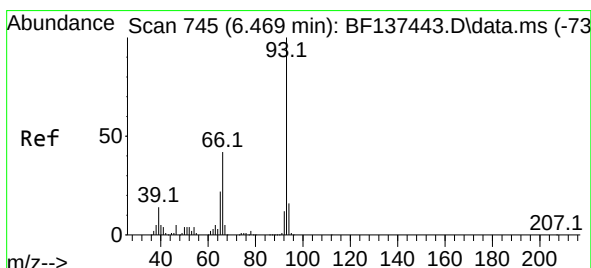
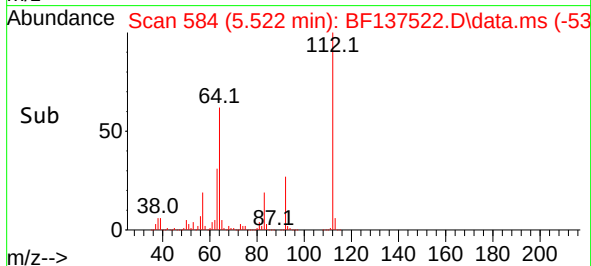
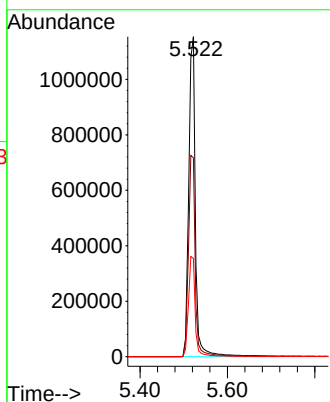
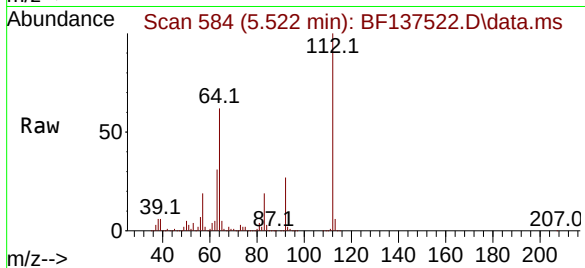
72-12002MSD

Tgt Ion:112 Resp: 122363
Ion Ratio Lower Upper
112 100
64 62.2 53.4 80.2
63 30.8 26.2 39.2

Manual Integrations

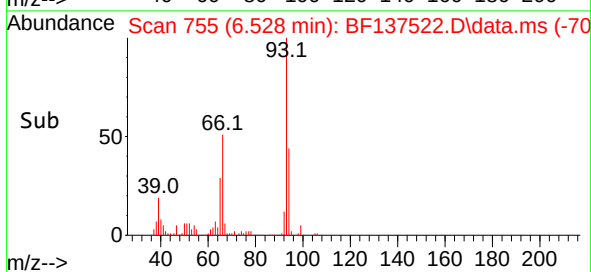
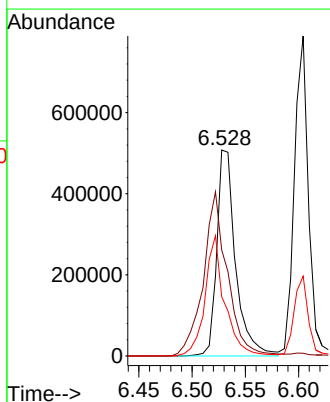
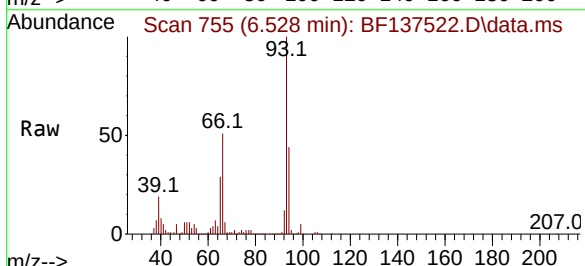
APPROVED

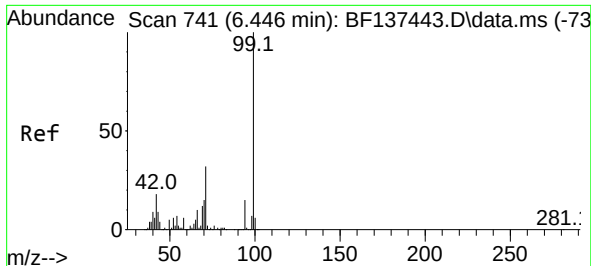
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#6
Aniline
Concen: 22.504 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion: 93 Resp: 621515
Ion Ratio Lower Upper
93 100
66 51.5 34.0 51.0#
65 28.8 17.8 26.8#





#7

Phenol-d6

Concen: 73.168 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Tgt Ion: 99 Resp: 1653774

Ion Ratio Lower Upper

99 100

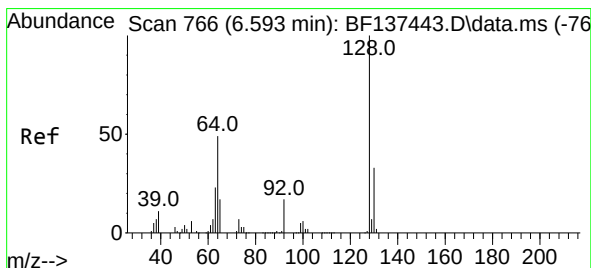
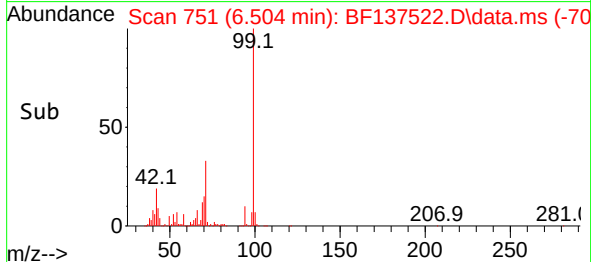
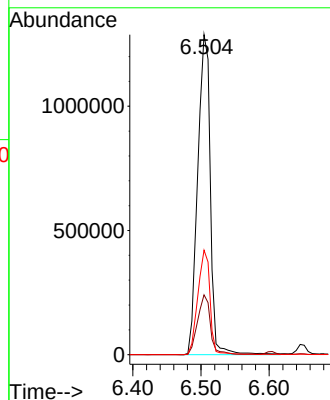
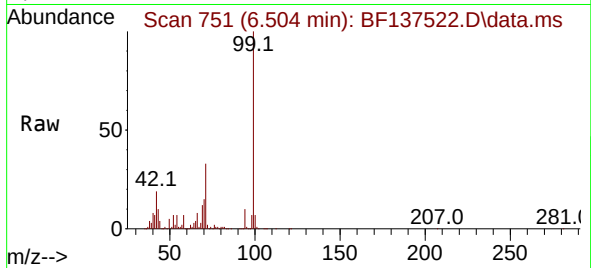
42 18.7 14.6 21.8

71 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#8

2-Chlorophenol

Concen: 41.481 ng

RT: 6.645 min Scan# 775

Delta R.T. -0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

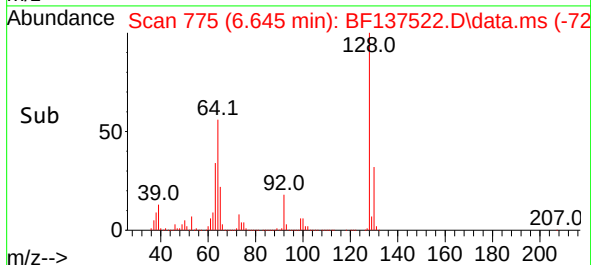
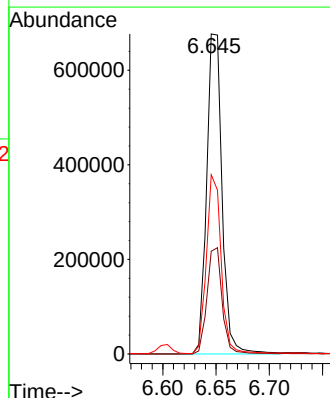
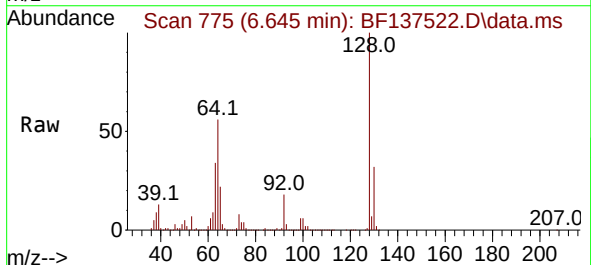
Tgt Ion:128 Resp: 685078

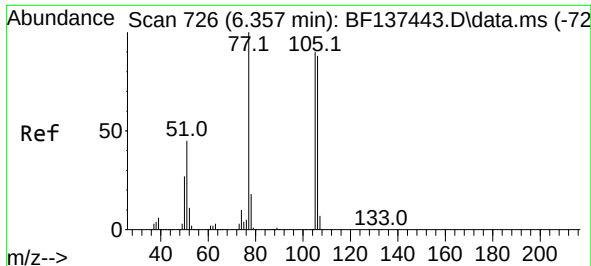
Ion Ratio Lower Upper

128 100

130 32.1 13.4 53.4

64 56.0 30.0 70.0





#9

Benzaldehyde

Concen: 32.245 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

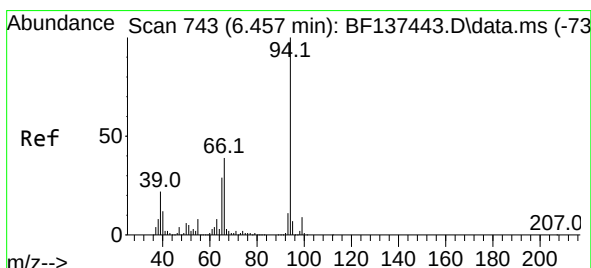
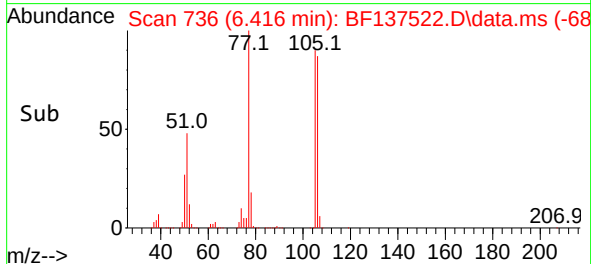
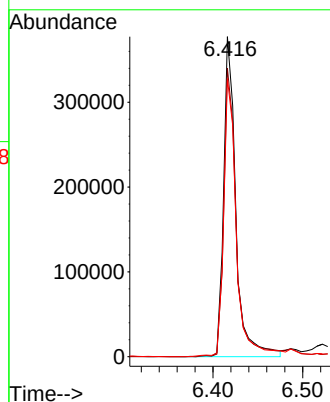
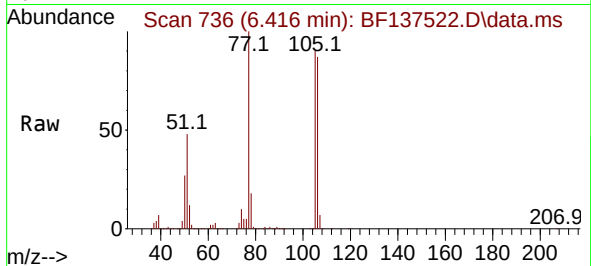
72-12002MSD

Tgt Ion:	77	Resp:	35705
Ion	Ratio	Lower	Upper
77	100		
105	90.2	69.8	109.8
106	86.9	67.8	107.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#10

Phenol

Concen: 39.630 ng

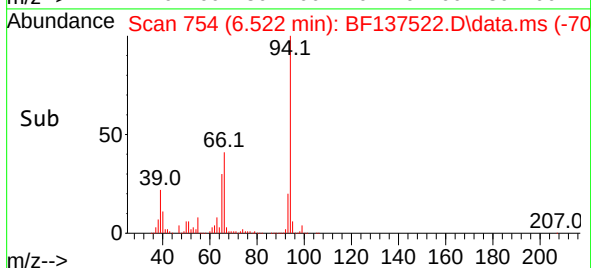
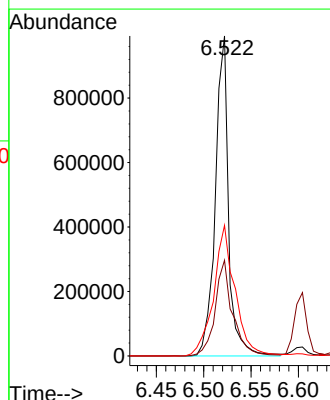
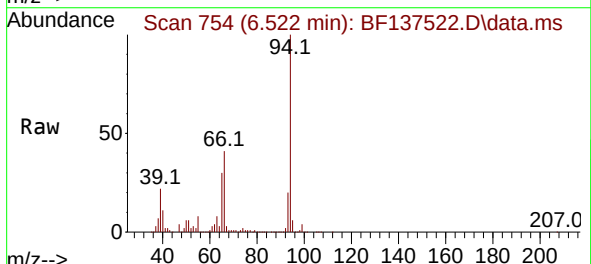
RT: 6.522 min Scan# 754

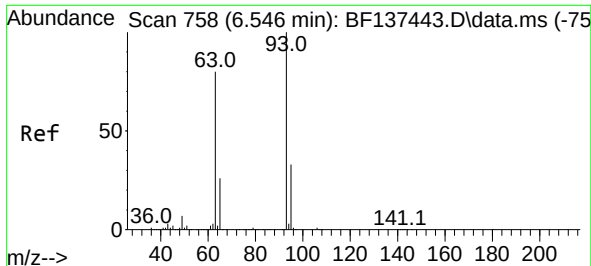
Delta R.T. 0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Tgt Ion:	94	Resp:	964103
Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.7	48.7
66	40.8	18.6	58.6





#11
bis(2-Chloroethyl)ether
Concen: 40.497 ng
RT: 6.604 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

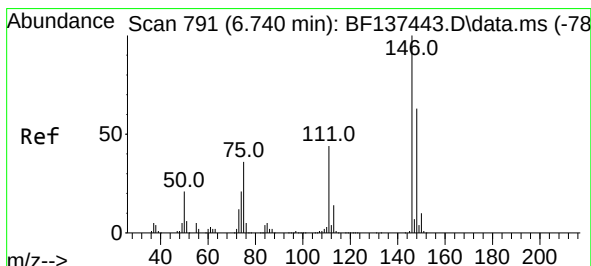
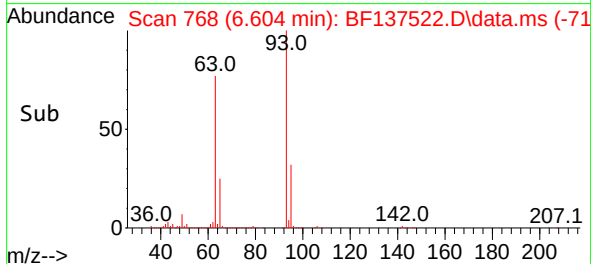
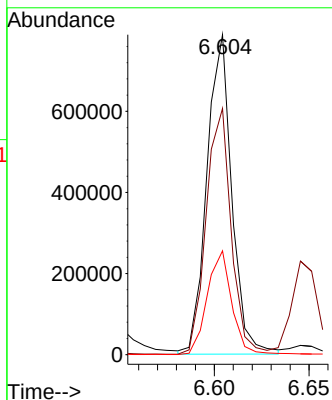
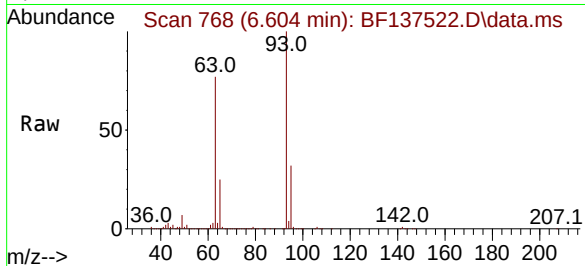
ClientSampleId :

72-12002MSD

Tgt Ion: 93 Resp: 72194
Ion Ratio Lower Upper
93 100
63 76.9 58.9 98.9
95 32.5 12.2 52.2

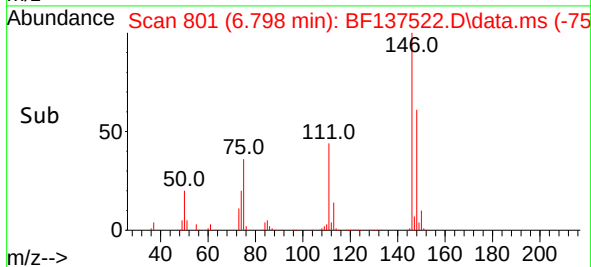
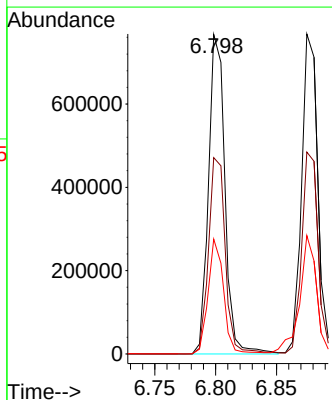
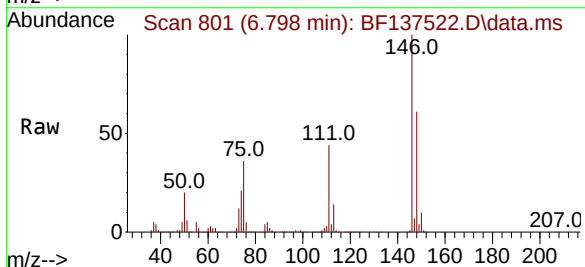
Manual Integrations
APPROVED

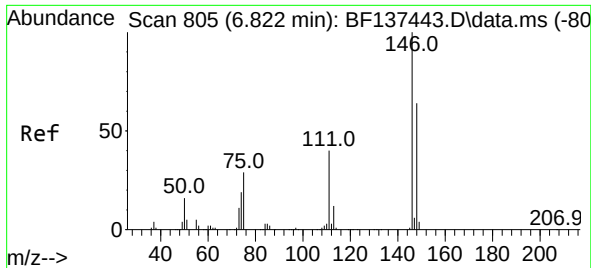
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#12
1,3-Dichlorobenzene
Concen: 40.797 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion:146 Resp: 719996
Ion Ratio Lower Upper
146 100
148 61.4 50.3 75.5
75 35.9 29.0 43.4





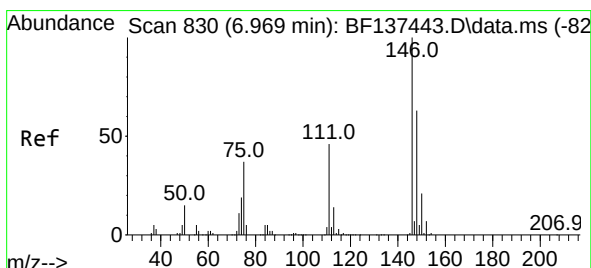
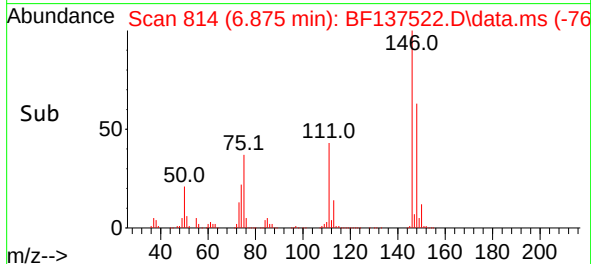
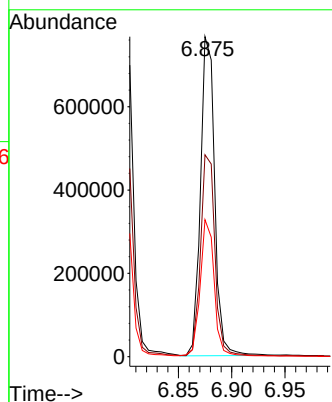
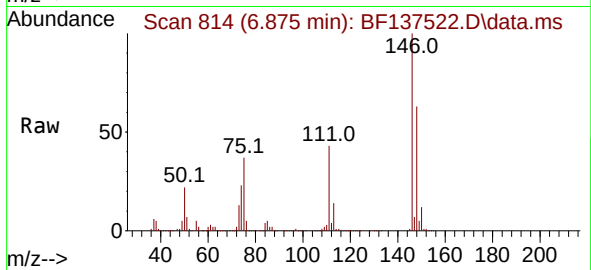
#13
1,4-Dichlorobenzene
Concen: 39.525 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :
BNA_F
ClientSampleId :
72-12002MSD

Tgt Ion:146 Resp: 71368
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 42.8 32.4 48.6

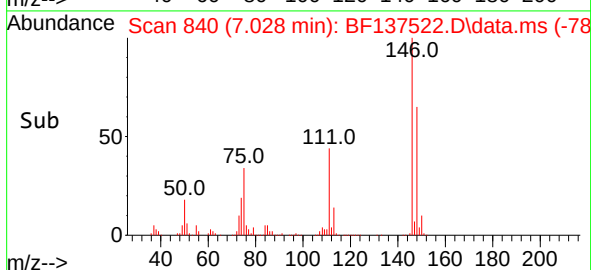
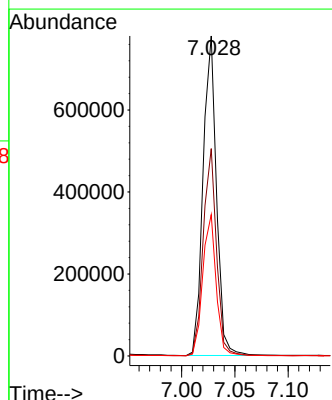
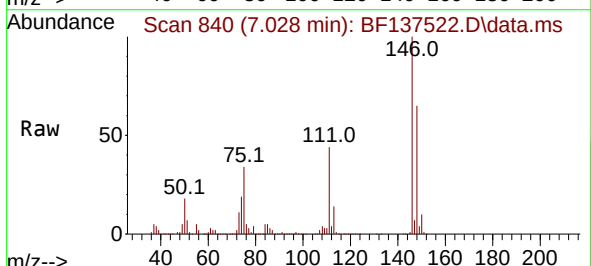
Manual Integrations
APPROVED

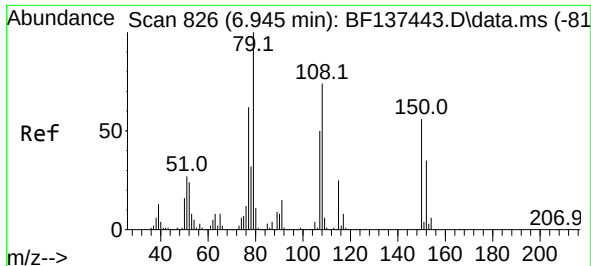
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#14
1,2-Dichlorobenzene
Concen: 41.341 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

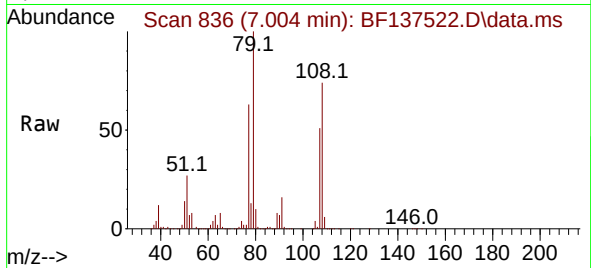
Tgt Ion:146 Resp: 685167
Ion Ratio Lower Upper
146 100
148 64.8 50.0 75.0
111 44.2 36.8 55.2





#15
Benzyl Alcohol
Concen: 45.210 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

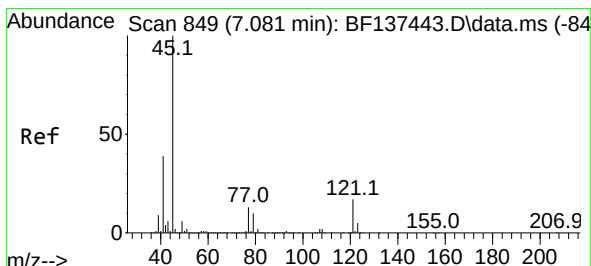
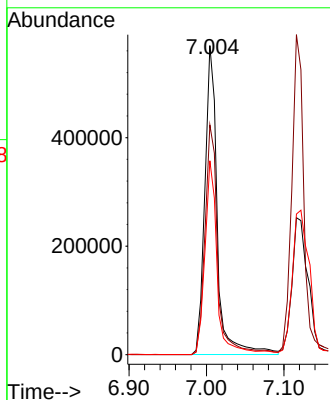
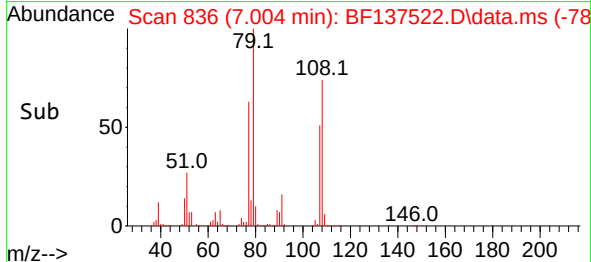
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



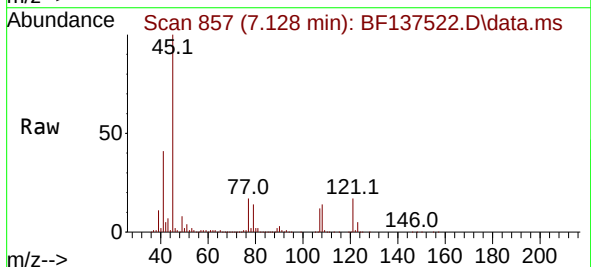
Tgt Ion: 79 Resp: 63616
Ion Ratio Lower Upper
79 100
108 74.3 59.5 89.3
77 62.8 50.0 75.0

Manual Integrations
APPROVED

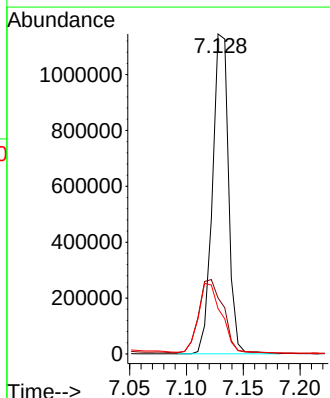
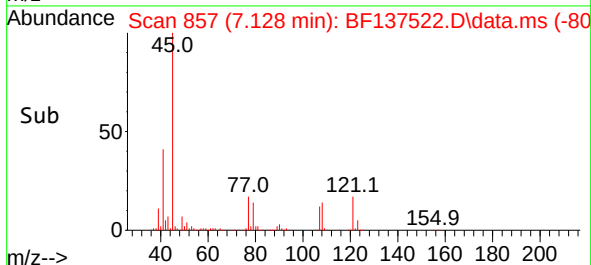
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

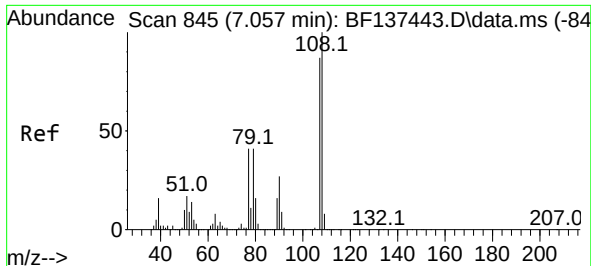


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.790 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



Tgt Ion: 45 Resp: 1127388
Ion Ratio Lower Upper
45 100
77 17.5 0.0 33.4
79 14.2 0.0 30.9





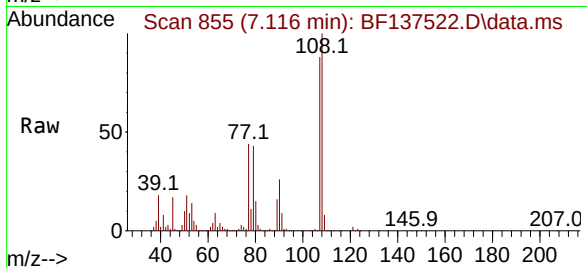
#17
2-Methylphenol
Concen: 36.062 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

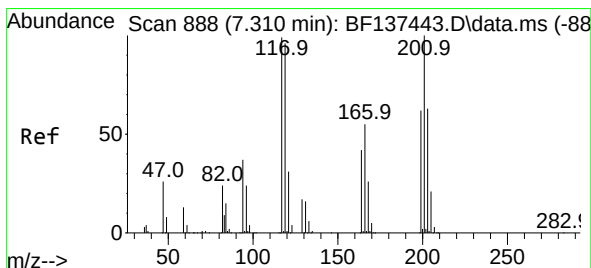
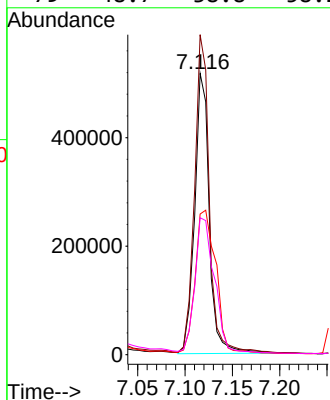
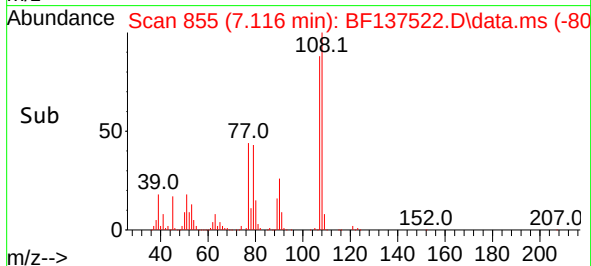


Tgt Ion:107 Resp: 557315
Ion Ratio Lower Upper
107 100
108 113.8 92.2 138.4
77 50.0 38.6 57.8
79 48.7 38.8 58.2

Manual Integrations

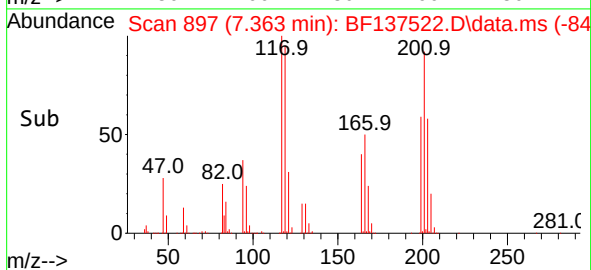
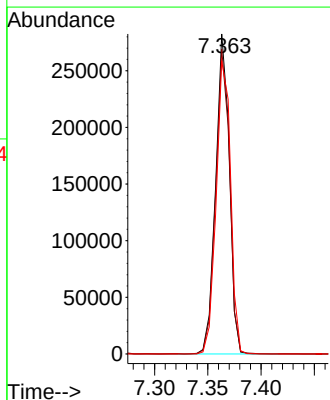
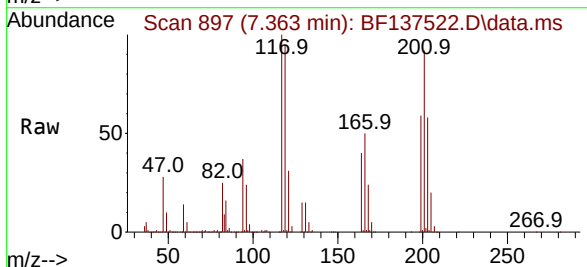
APPROVED

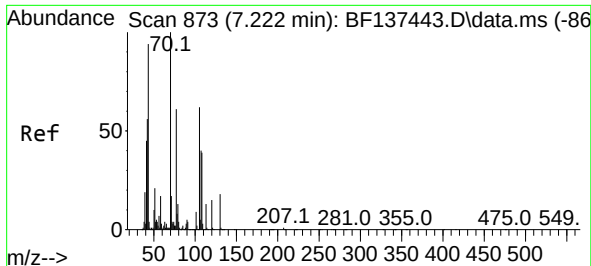
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#18
Hexachloroethane
Concen: 42.400 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

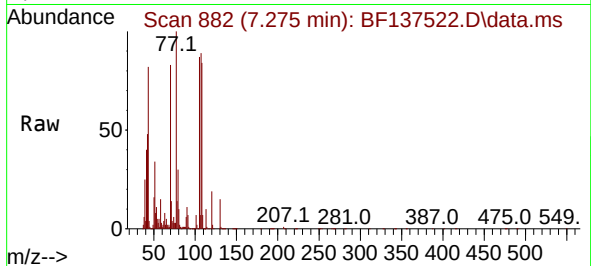
Tgt Ion:117 Resp: 252090
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
201 91.5 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 36.577 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

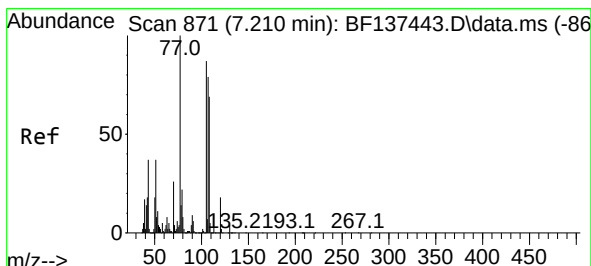
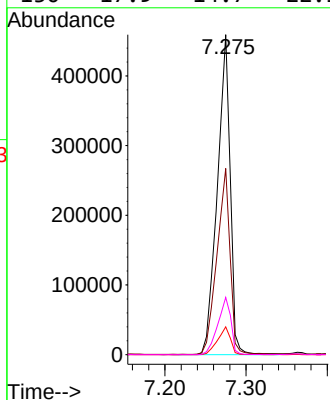
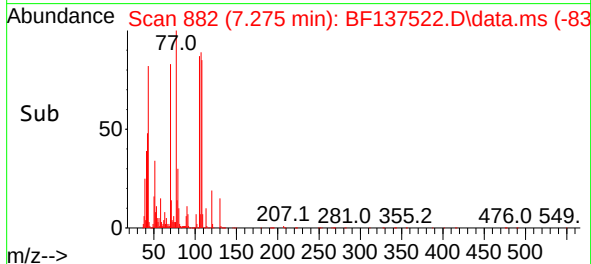
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



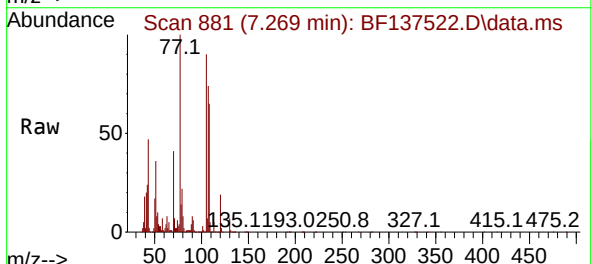
Tgt Ion: 70 Resp: 510514
Ion Ratio Lower Upper
70 100
42 58.2 45.2 67.8
101 8.7 7.3 10.9
130 17.9 14.7 22.1

Manual Integrations
APPROVED

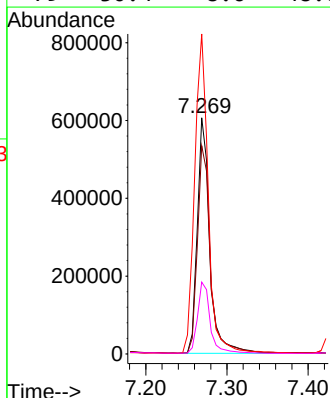
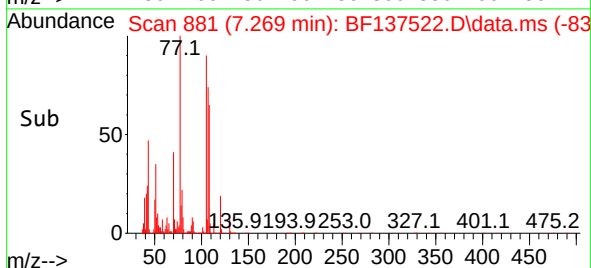
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

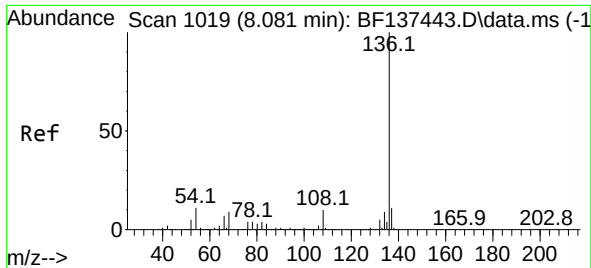


#20
3+4-Methylphenols
Concen: 36.646 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



Tgt Ion:107 Resp: 648619
Ion Ratio Lower Upper
107 100
108 88.1 67.6 107.6
77 135.5 107.1 147.1
79 30.4 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

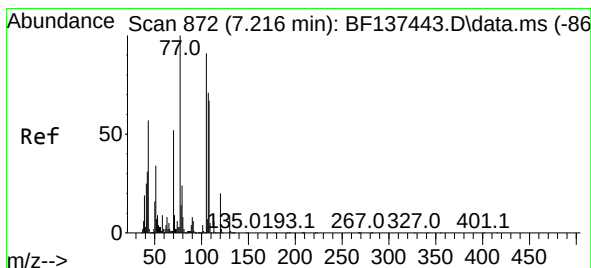
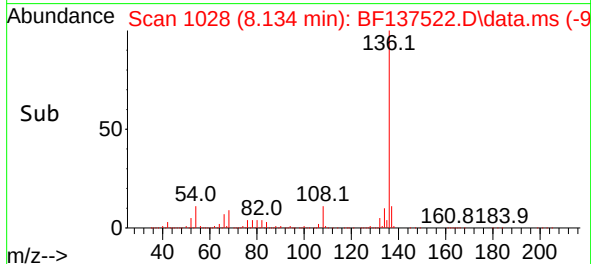
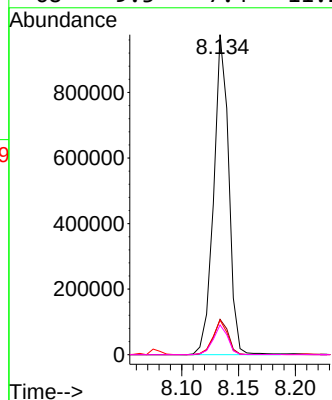
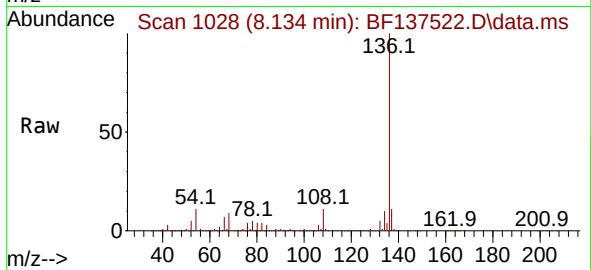
72-12002MSD

Tgt Ion:136 Resp: 89988
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.8 8.5 12.7
68 9.3 7.4 11.2

Manual Integrations

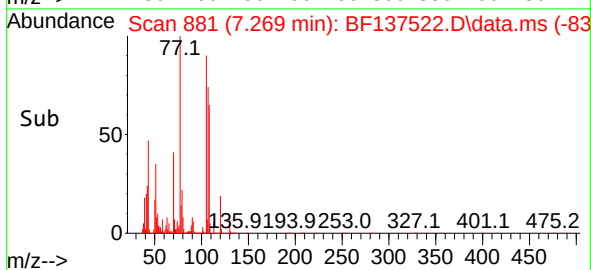
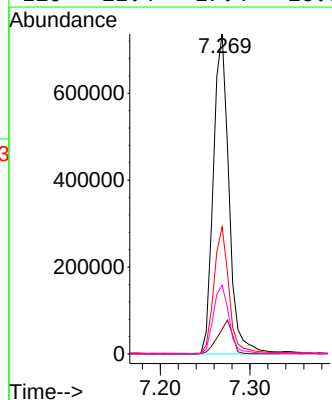
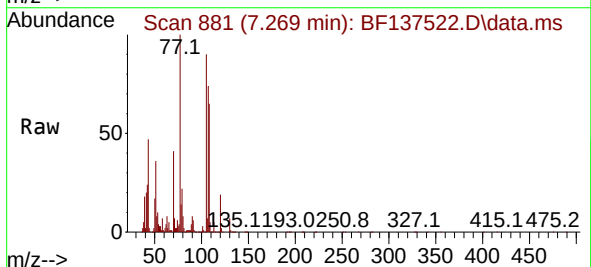
APPROVED

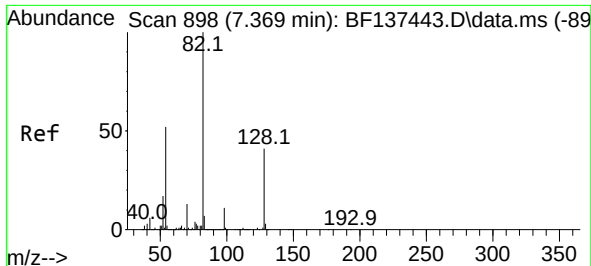
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#22
Acetophenone
Concen: 41.041 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

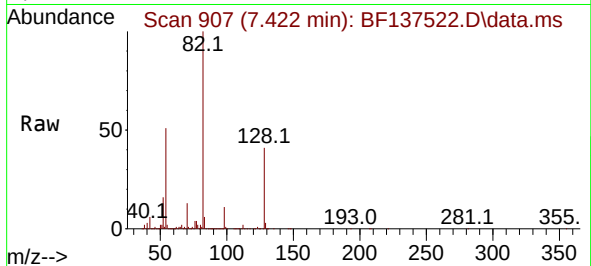
Tgt Ion:105 Resp: 893589
Ion Ratio Lower Upper
105 100
71 7.7 7.7 11.5
51 39.7 30.4 45.6
120 21.4 17.4 26.0





#23
Nitrobenzene-d5
Concen: 53.739 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

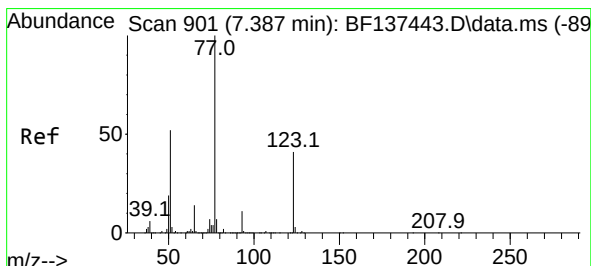
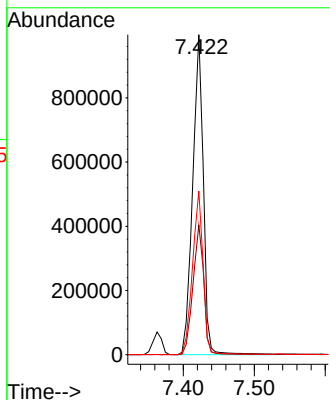
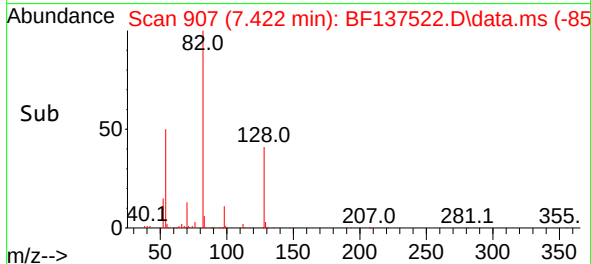
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



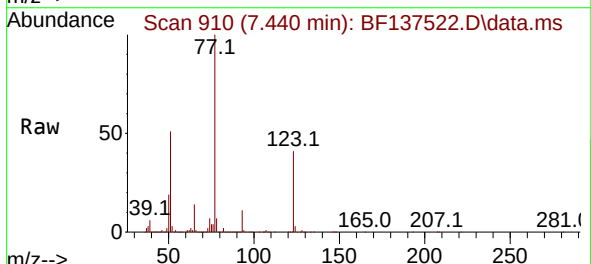
Tgt Ion: 82 Resp: 1040775
Ion Ratio Lower Upper
82 100
128 40.6 32.5 48.7
54 51.1 41.5 62.3

Manual Integrations
APPROVED

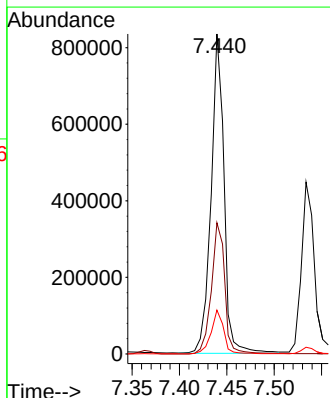
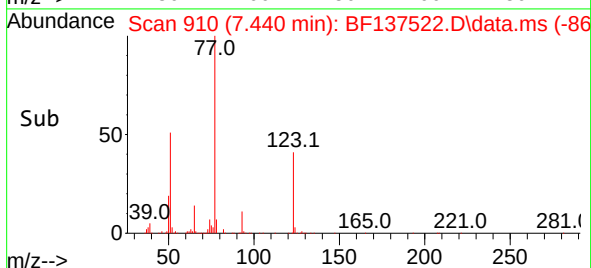
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

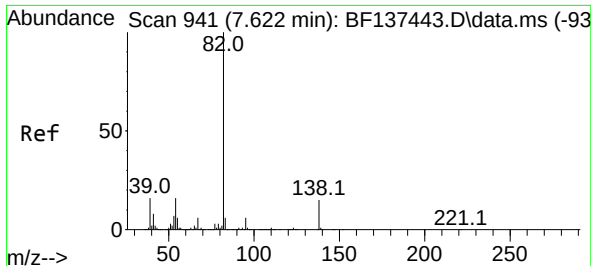


#24
Nitrobenzene
Concen: 40.704 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



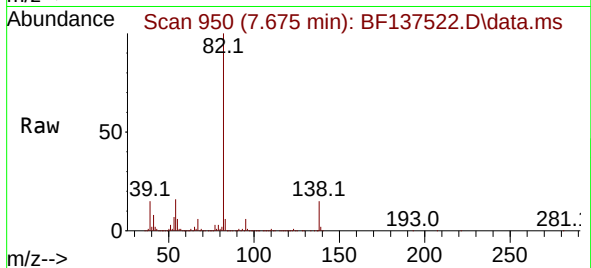
Tgt Ion: 77 Resp: 791916
Ion Ratio Lower Upper
77 100
123 41.0 33.0 49.6
65 13.7 10.9 16.3





#25
Isophorone
Concen: 40.199 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

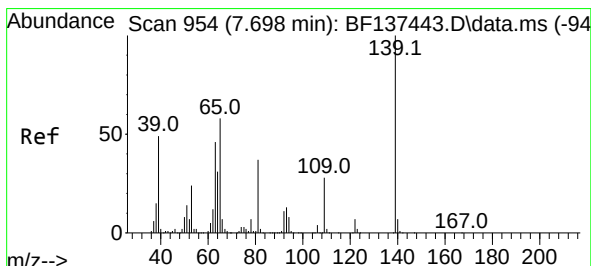
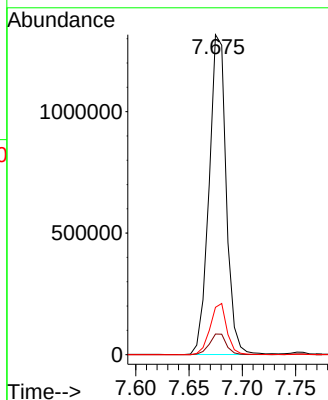
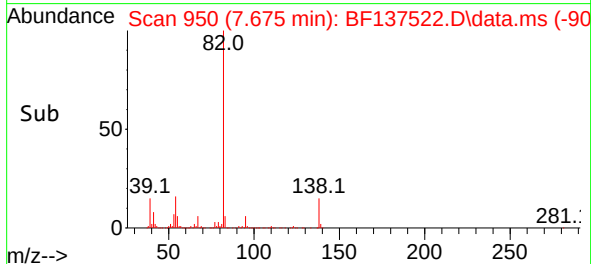
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



Tgt Ion: 82 Resp: 1479084
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.8 11.8 17.8

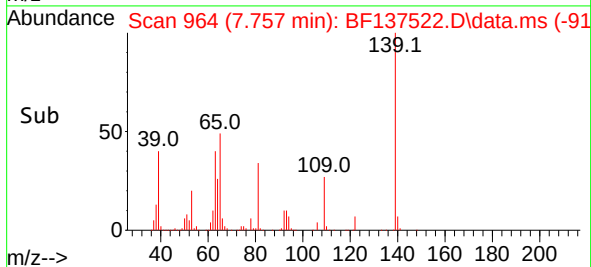
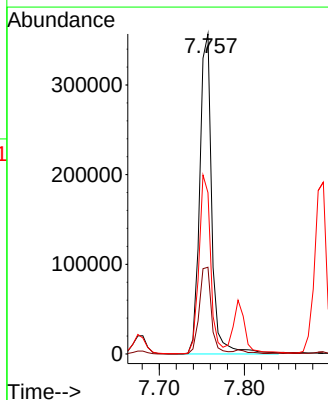
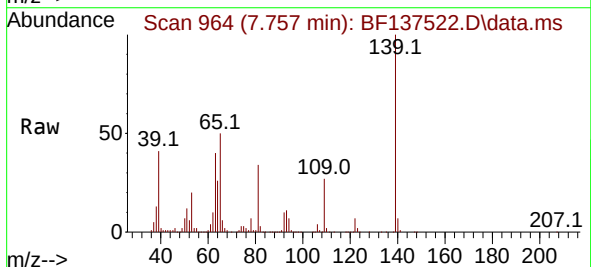
Manual Integrations
APPROVED

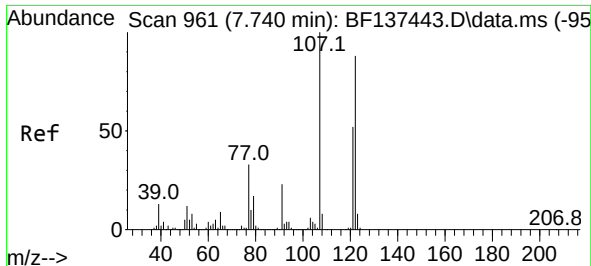
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#26
2-Nitrophenol
Concen: 45.555 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion:139 Resp: 351868
Ion Ratio Lower Upper
139 100
109 27.1 22.2 33.4
65 50.4 46.2 69.2





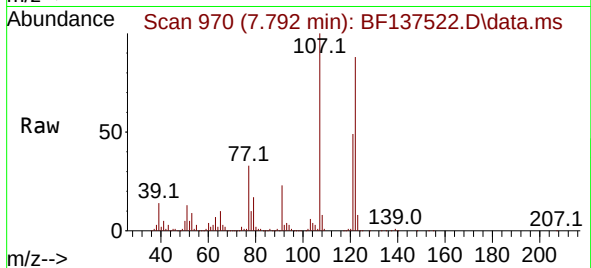
#27
2,4-Dimethylphenol
Concen: 34.204 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

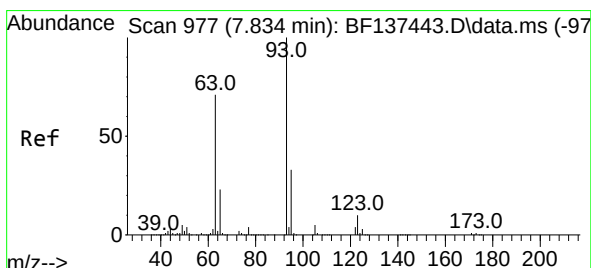
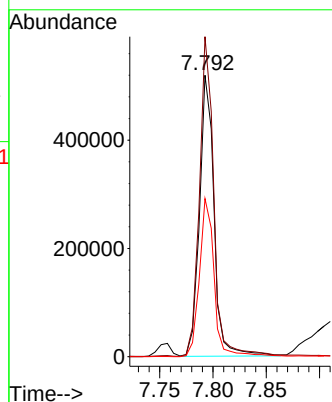
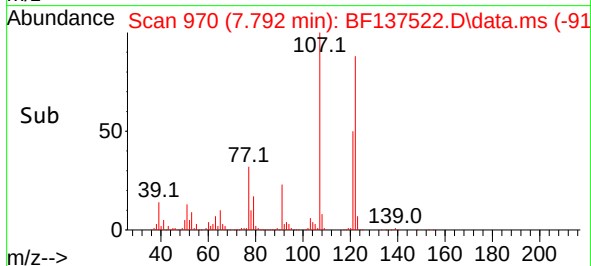


Tgt Ion:122 Resp: 493659
Ion Ratio Lower Upper
122 100
107 113.7 90.9 136.3
121 56.1 47.0 70.6

Manual Integrations

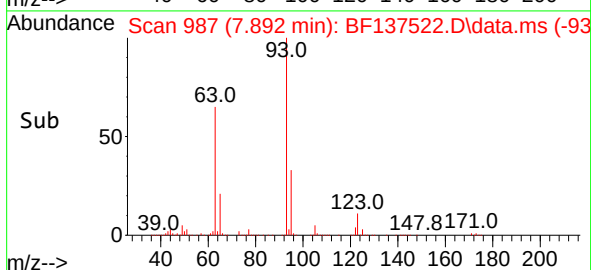
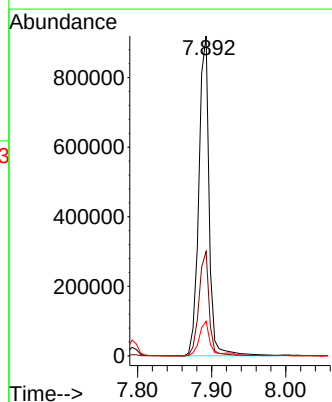
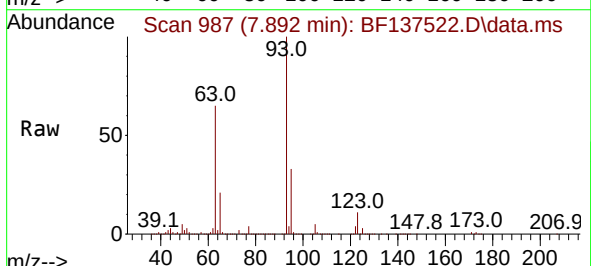
APPROVED

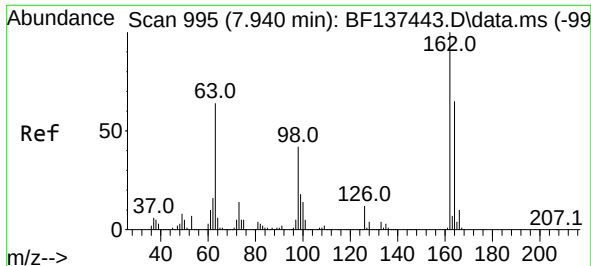
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.022 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion: 93 Resp: 885601
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 10.8 8.0 12.0





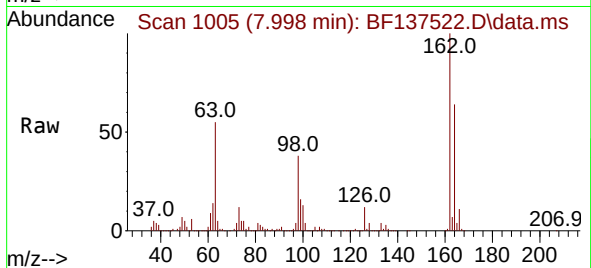
#29
2,4-Dichlorophenol
Concen: 42.713 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

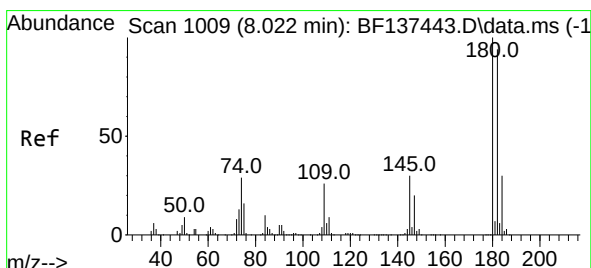
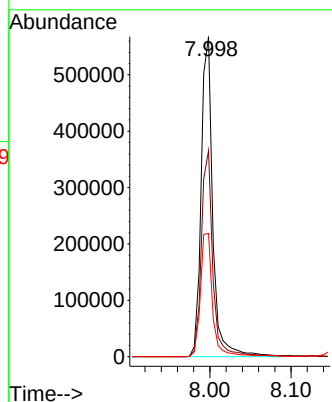
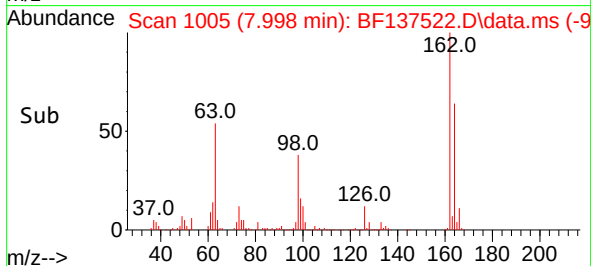


Tgt Ion:162 Resp: 565780
Ion Ratio Lower Upper
162 100
164 64.4 44.7 84.7
98 38.5 22.0 62.0

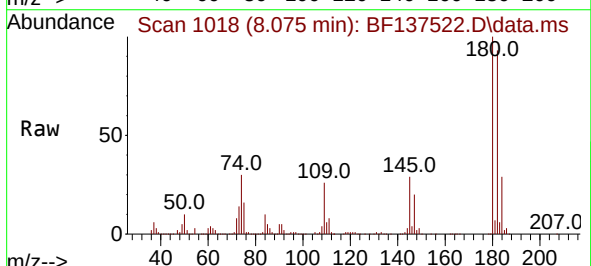
Manual Integrations

APPROVED

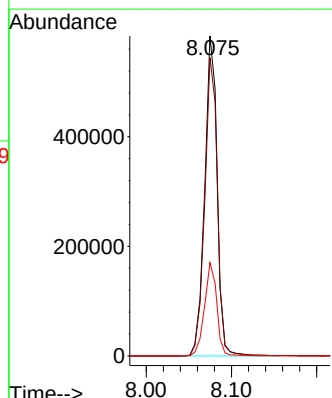
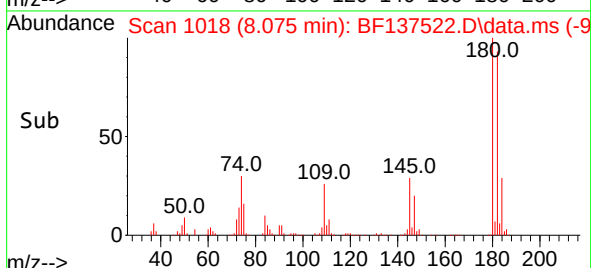
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

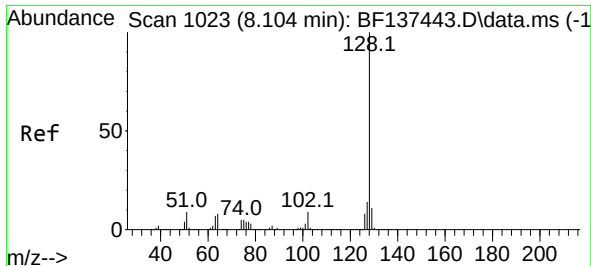


#30
1,2,4-Trichlorobenzene
Concen: 42.738 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



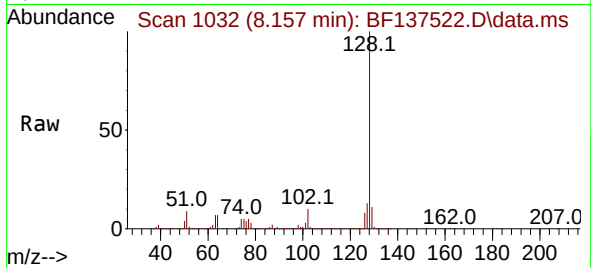
Tgt Ion:180 Resp: 595733
Ion Ratio Lower Upper
180 100
182 93.3 75.0 112.6
145 29.2 23.7 35.5





#31
Naphthalene
Concen: 39.837 ng
RT: 8.157 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

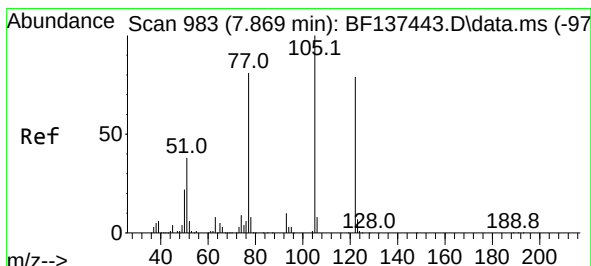
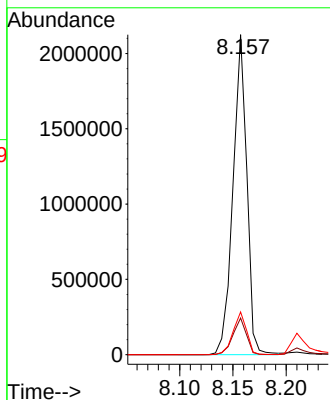
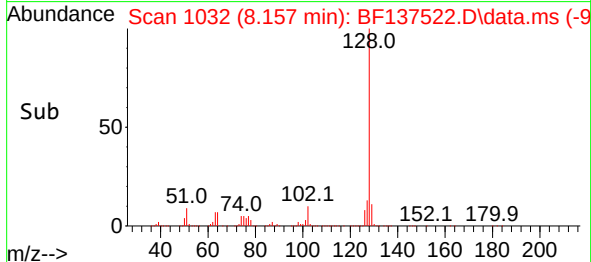
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



Tgt Ion:128 Resp: 192338
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.8 16.2

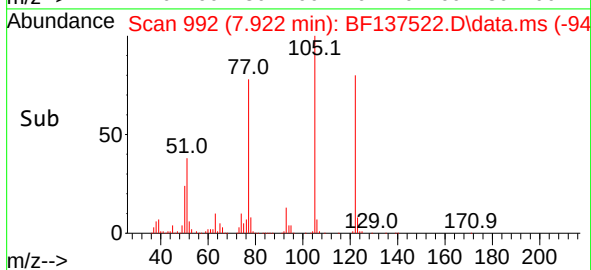
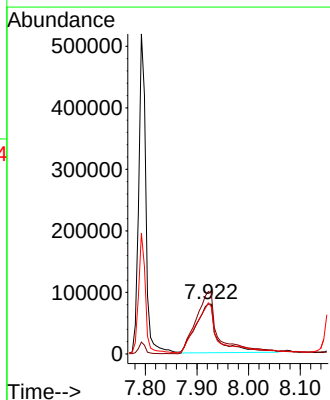
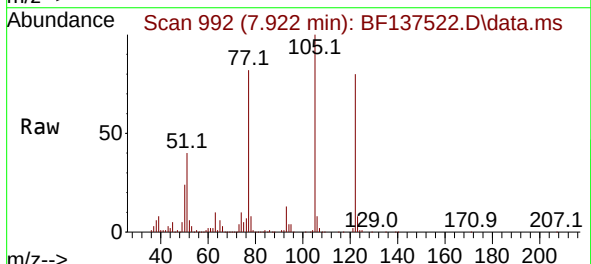
Manual Integrations
APPROVED

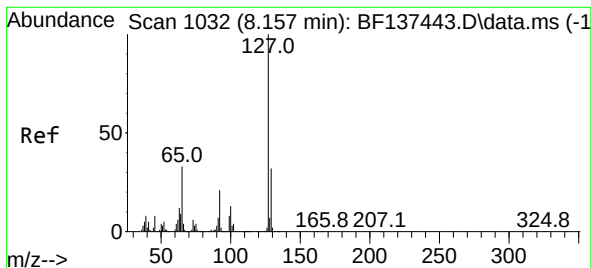
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#32
Benzoic acid
Concen: 31.226 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion:122 Resp: 238479
Ion Ratio Lower Upper
122 100
105 125.0 102.4 142.4
77 102.2 81.1 121.1





#33

4-Chloroaniline

Concen: 9.199 ng

RT: 8.210 min Scan# 1041

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

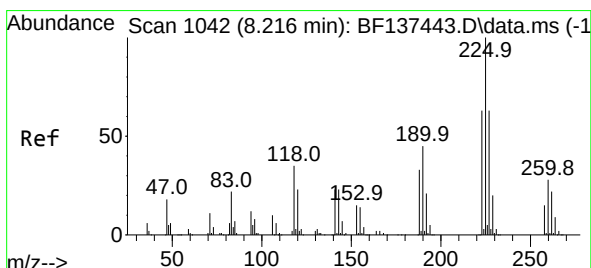
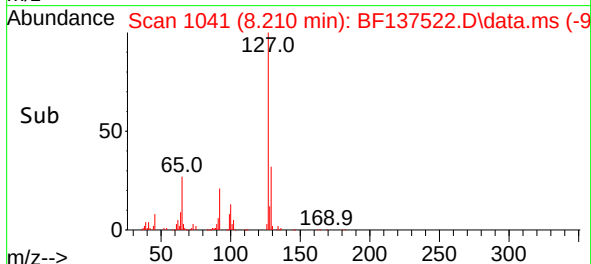
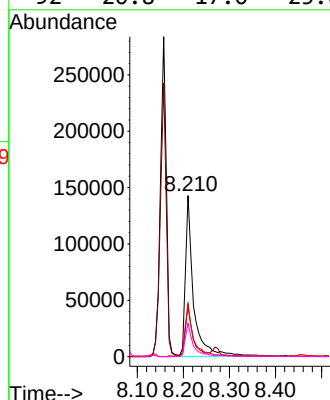
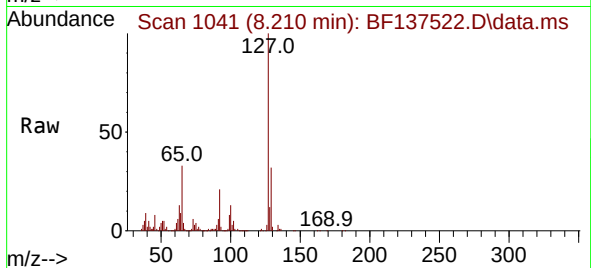
Tgt Ion:127 Resp: 174150

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	33.0	26.8	40.2
92	20.8	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#34

Hexachlorobutadiene

Concen: 41.792 ng

RT: 8.275 min Scan# 1052

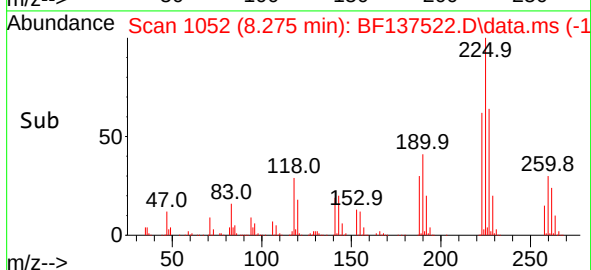
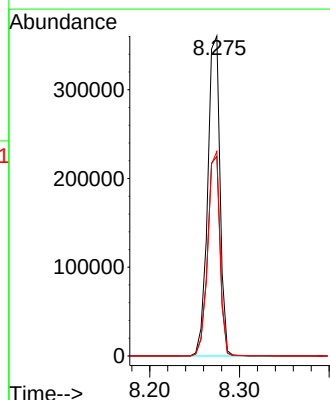
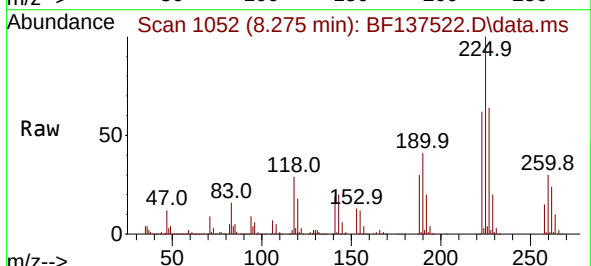
Delta R.T. 0.000 min

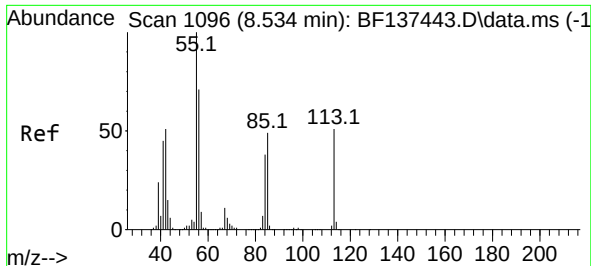
Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Tgt Ion:225 Resp: 343920

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.7	76.1
227	63.9	50.6	75.8





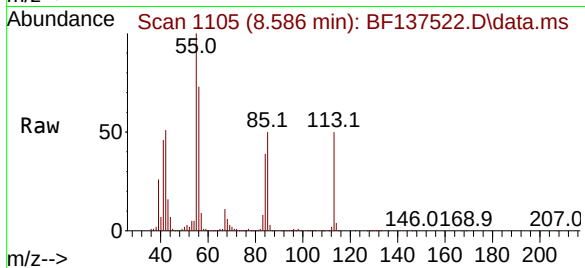
#35
Caprolactam
Concen: 41.792 ng m
RT: 8.586 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

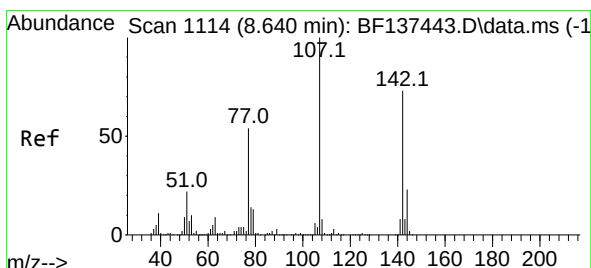
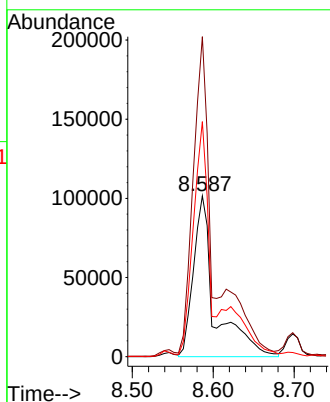
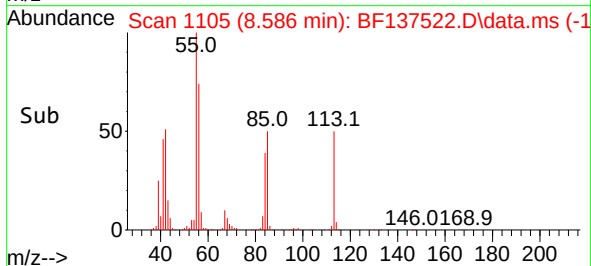


Tgt Ion:113 Resp: 18770
Ion Ratio Lower Upper
113 100
55 199.0 176.7 216.7
56 146.2 120.6 160.6

Manual Integrations

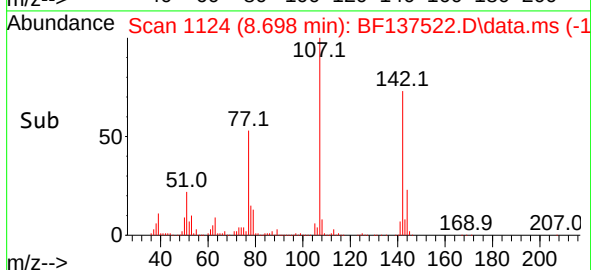
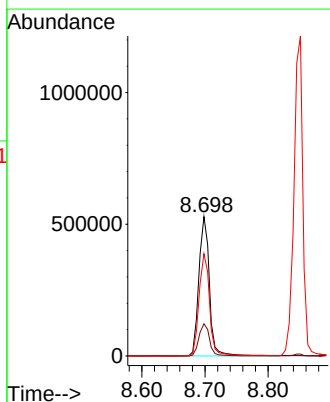
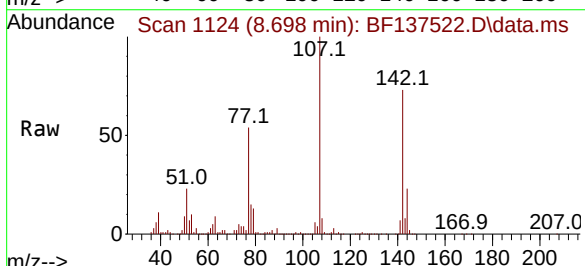
APPROVED

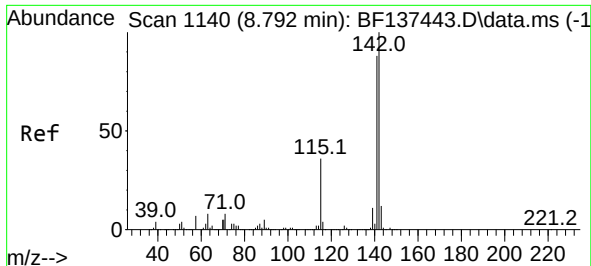
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#36
4-Chloro-3-methylphenol
Concen: 41.279 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion:107 Resp: 611186
Ion Ratio Lower Upper
107 100
144 23.1 18.7 28.1
142 73.4 58.2 87.2





#37
2-Methylnaphthalene
Concen: 38.537 ng
RT: 8.851 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

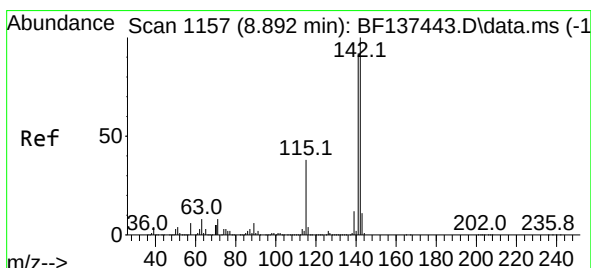
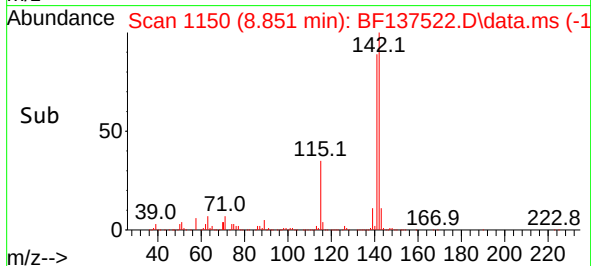
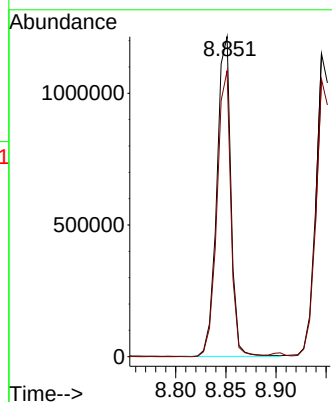
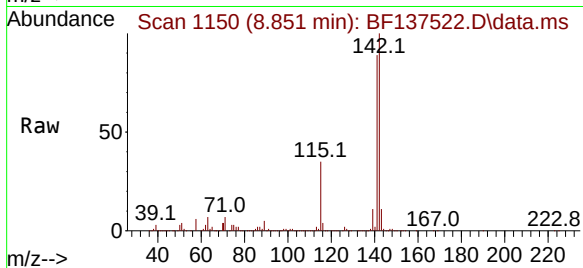
72-12002MSD

Tgt Ion:142 Resp: 1186138
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6

Manual Integrations

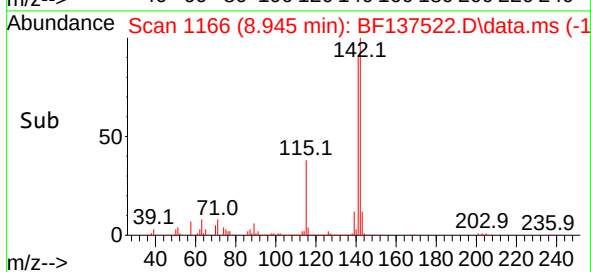
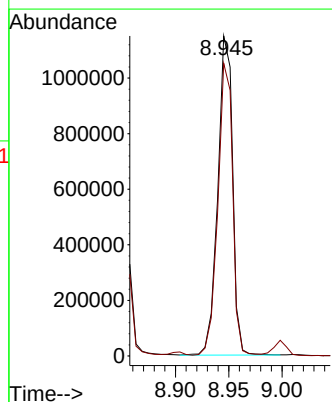
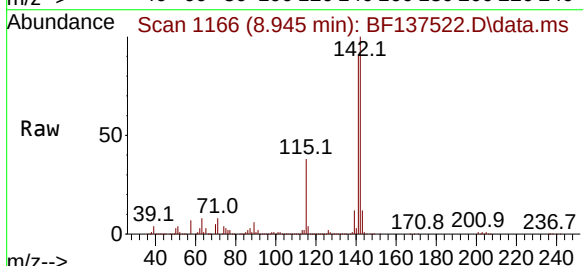
APPROVED

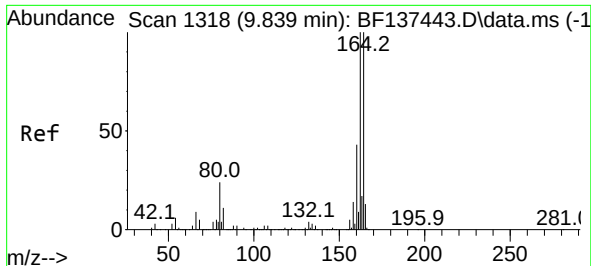
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#38
1-Methylnaphthalene
Concen: 38.145 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

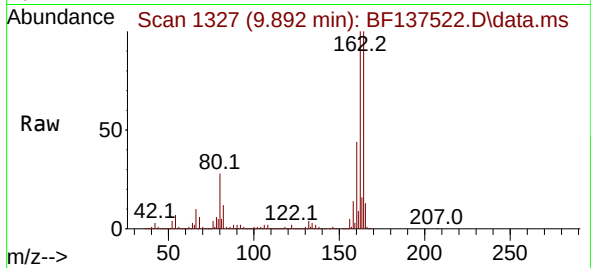
Tgt Ion:142 Resp: 1105675
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

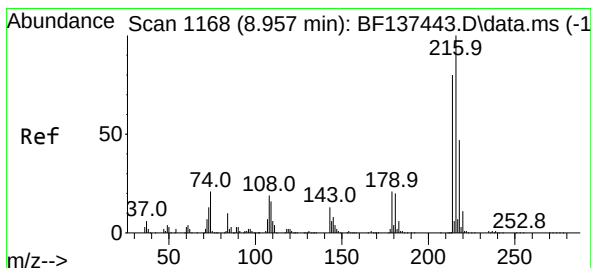
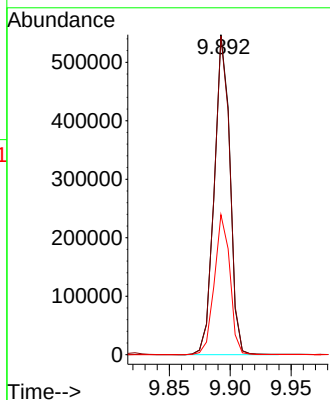
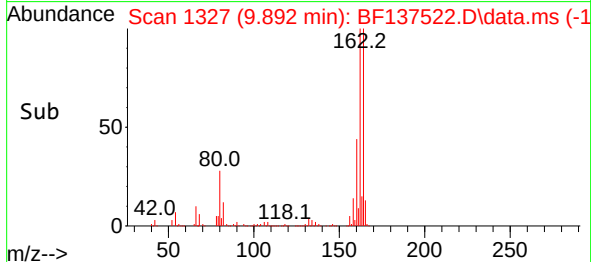
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



Tgt Ion:164 Resp: 489015
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 43.8 34.4 51.6

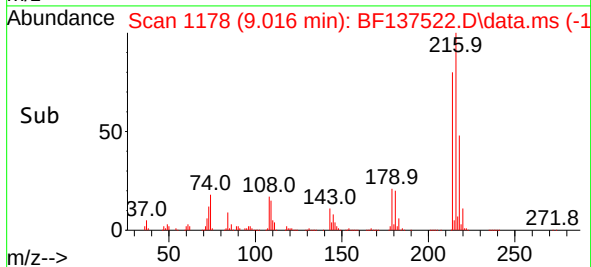
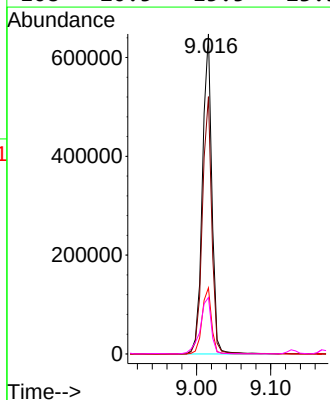
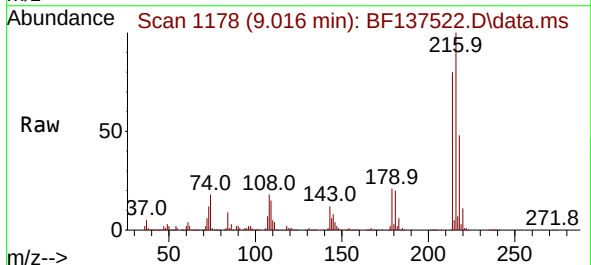
Manual Integrations
APPROVED

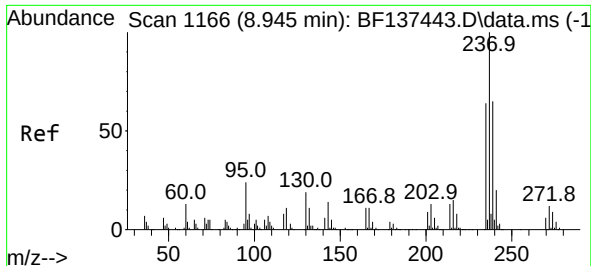
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.943 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion:216 Resp: 572606
Ion Ratio Lower Upper
216 100
214 80.3 63.5 95.3
179 20.7 16.6 25.0
108 20.5 15.5 23.3





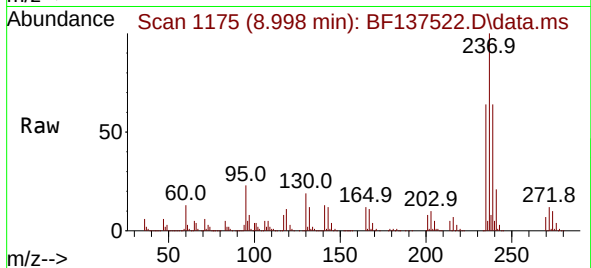
#41
Hexachlorocyclopentadiene
Concen: 71.525 ng
RT: 8.998 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

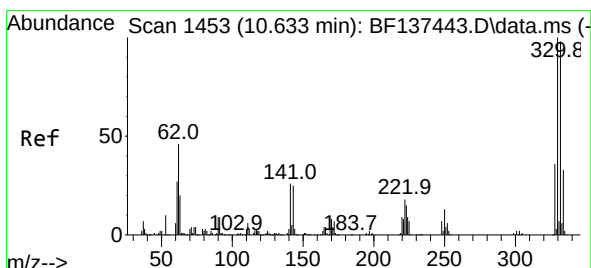
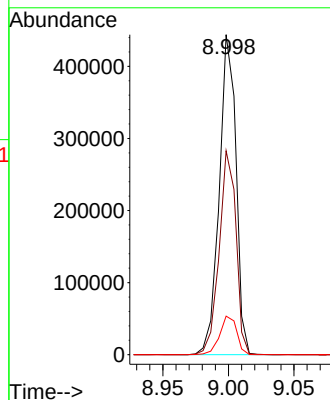
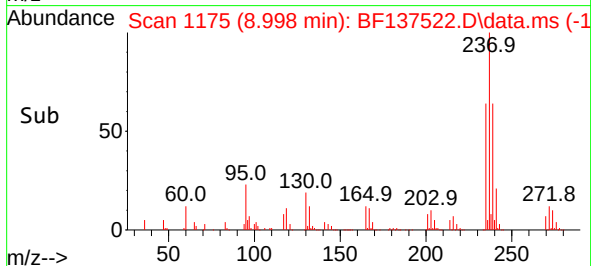


Tgt Ion:237 Resp: 393069
Ion Ratio Lower Upper
237 100
235 63.7 43.6 83.6
272 12.1 0.0 31.9

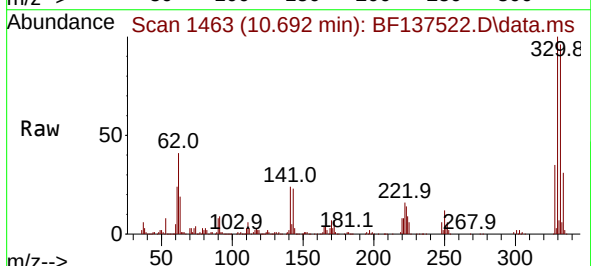
Manual Integrations

APPROVED

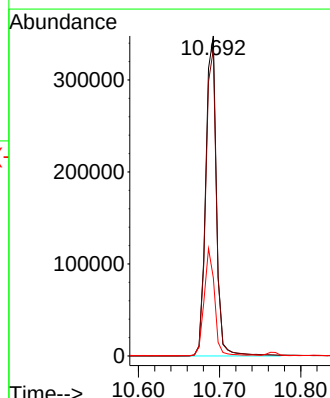
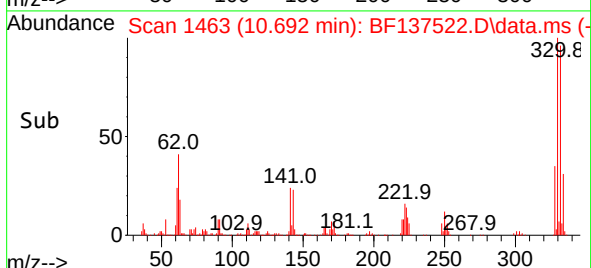
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

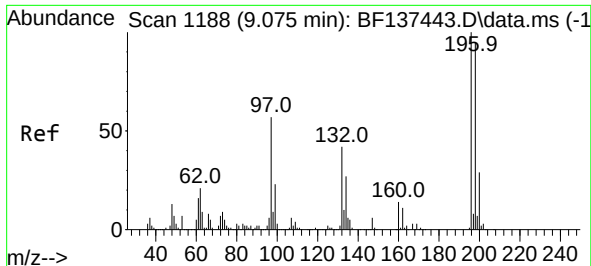


#42
2,4,6-Tribromophenol
Concen: 74.122 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



Tgt Ion:330 Resp: 318310
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 32.7 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 43.017 ng

RT: 9.128 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Tgt Ion:196 Resp: 382438

Ion Ratio Lower Upper

196 100

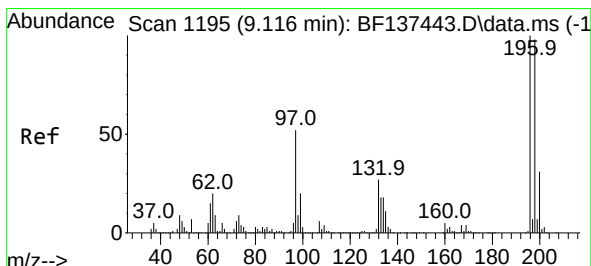
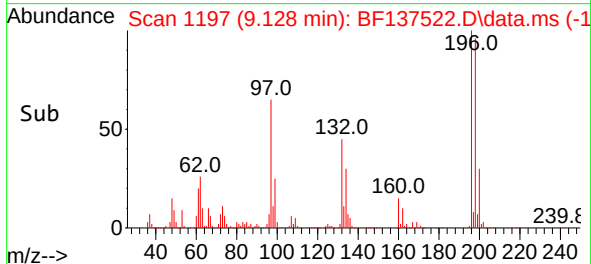
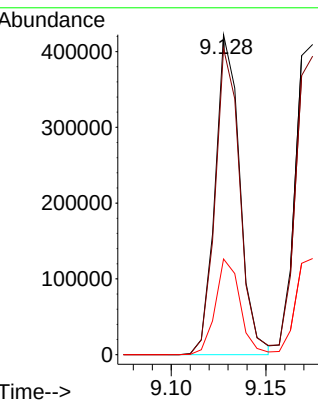
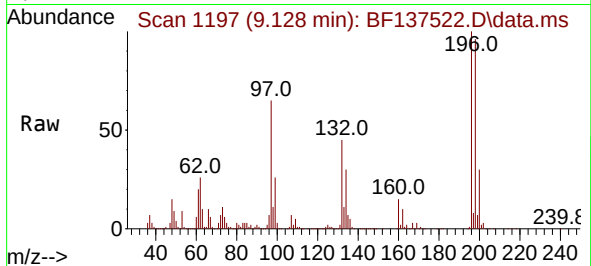
198 95.7 75.8 113.8

200 29.9 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#44

2,4,5-Trichlorophenol

Concen: 40.017 ng

RT: 9.175 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Tgt Ion:196 Resp: 409824

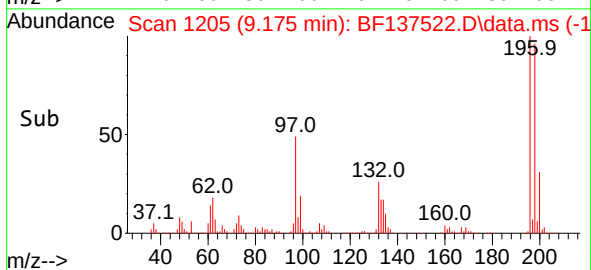
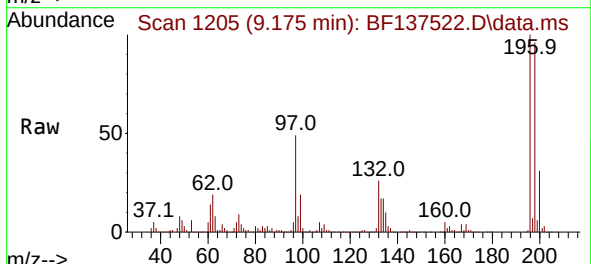
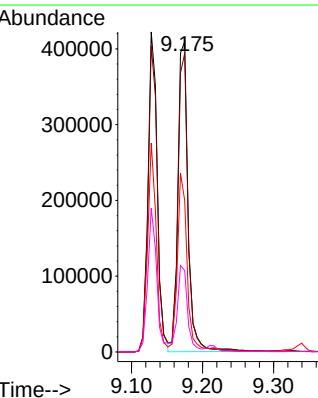
Ion Ratio Lower Upper

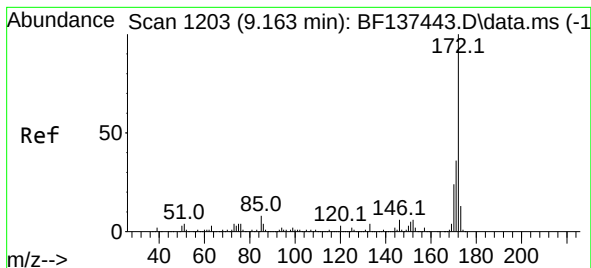
196 100

198 96.2 78.6 117.8

97 48.8 41.8 62.8

132 26.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 50.919 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Tgt Ion:172 Resp: 159070

Ion Ratio Lower Upper

172 100

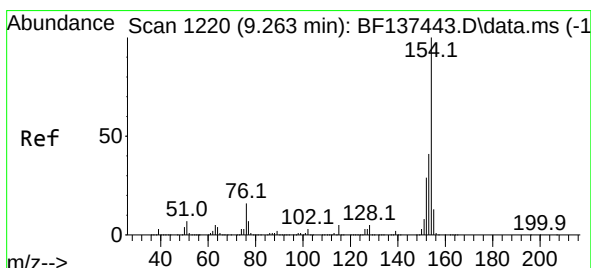
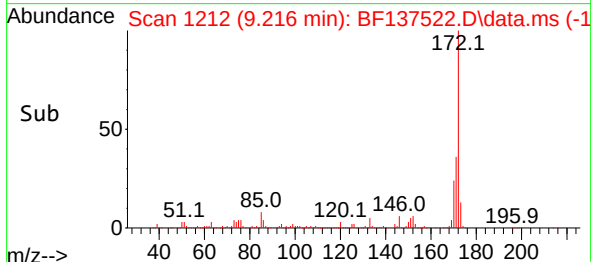
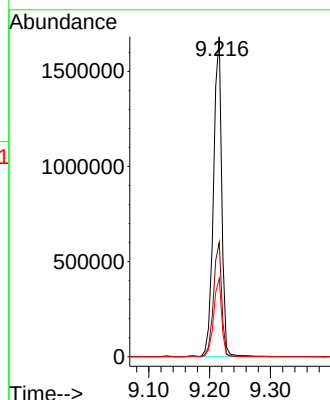
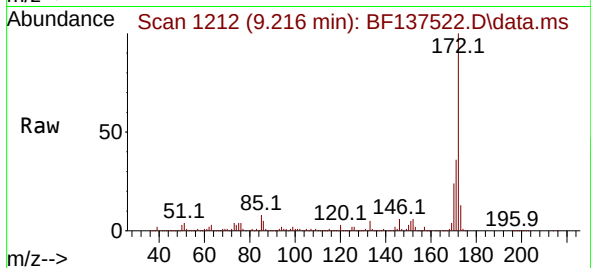
171 35.7 28.5 42.7

170 24.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#46

1,1'-Biphenyl

Concen: 40.450 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

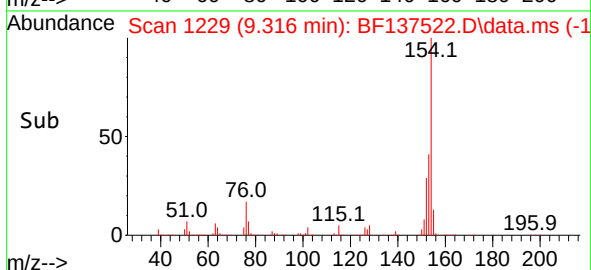
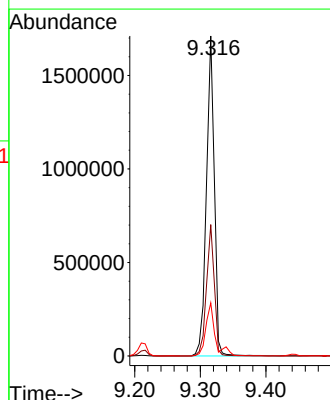
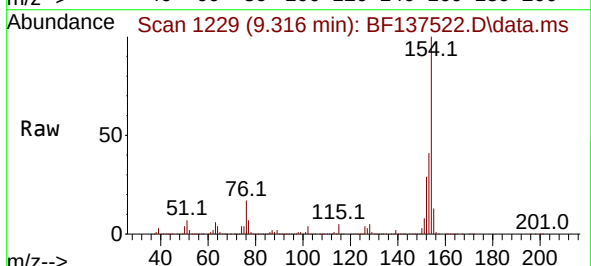
Tgt Ion:154 Resp: 1447755

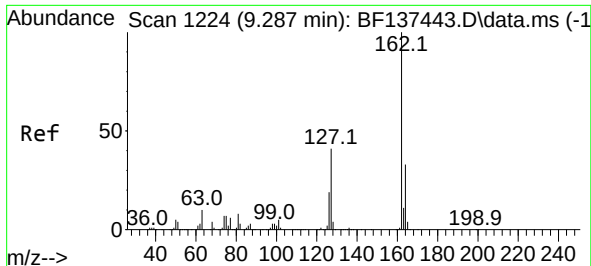
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 16.6 0.0 35.8





#47

2-Chloronaphthalene

Concen: 41.957 ng

RT: 9.339 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Tgt Ion:162 Resp: 1144928

Ion Ratio Lower Upper

162 100

127 41.2 32.6 49.0

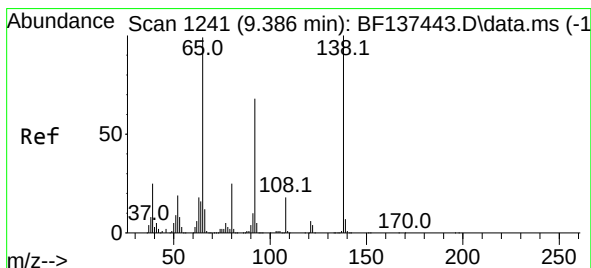
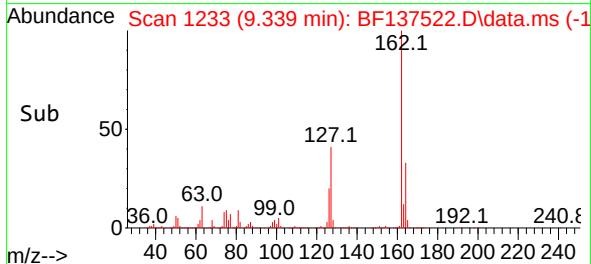
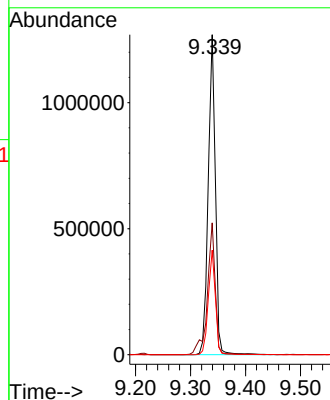
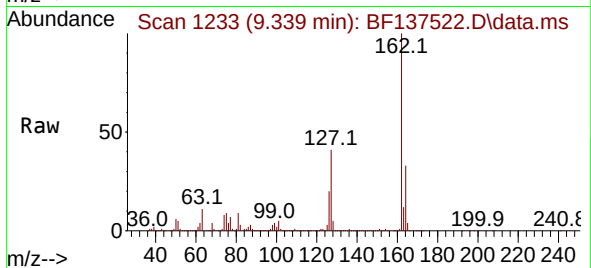
164 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024

Supervised By :mohammad ahmed 03/08/2024



#48

2-Nitroaniline

Concen: 43.753 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

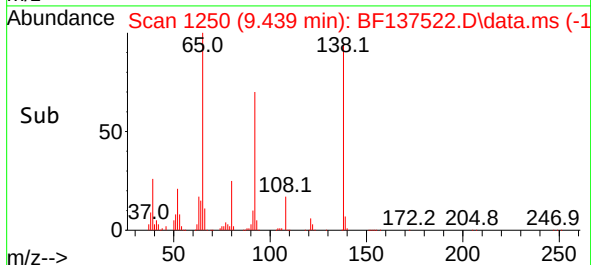
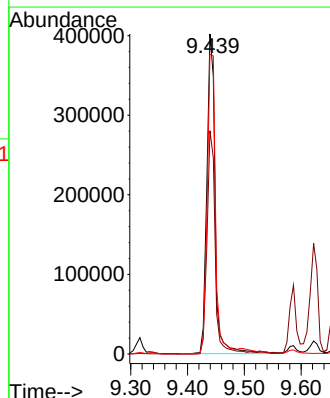
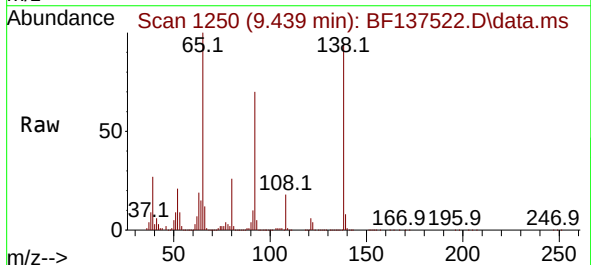
Tgt Ion: 65 Resp: 405809

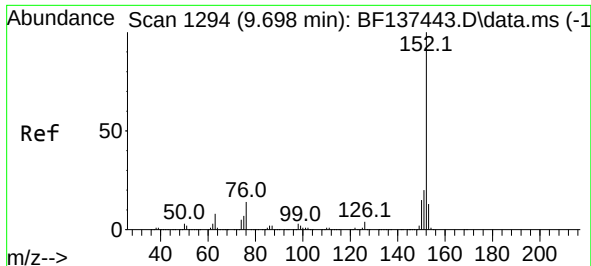
Ion Ratio Lower Upper

65 100

92 69.7 55.4 83.2

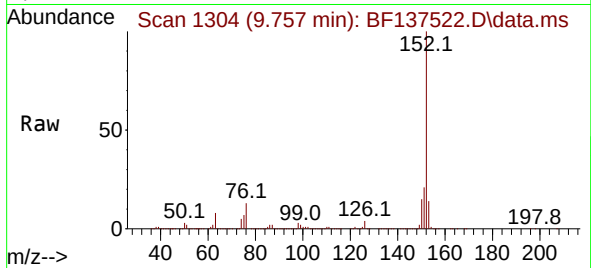
138 93.7 81.0 121.6





#49
Acenaphthylene
Concen: 41.130 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

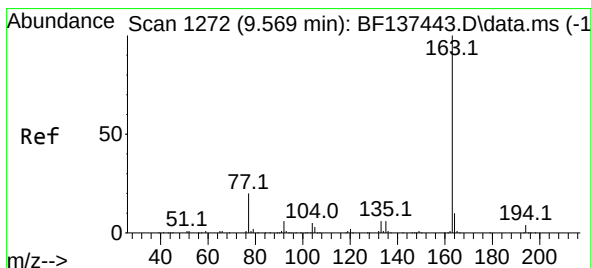
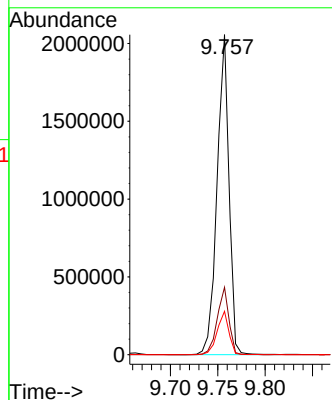
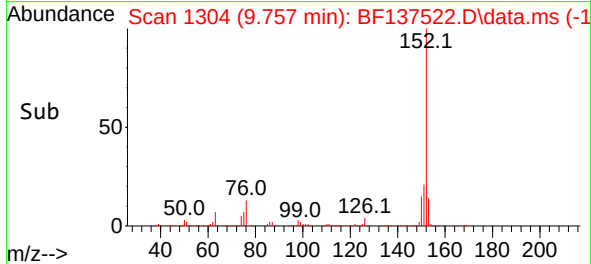
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



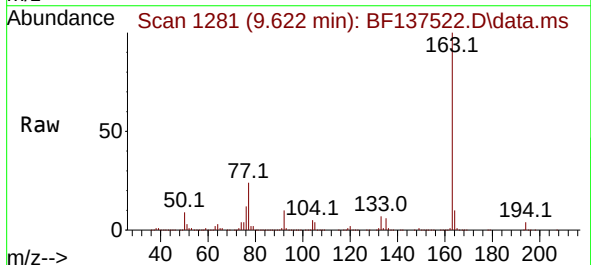
Tgt Ion:152 Resp: 1796169
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 13.5 10.8 16.2

Manual Integrations
APPROVED

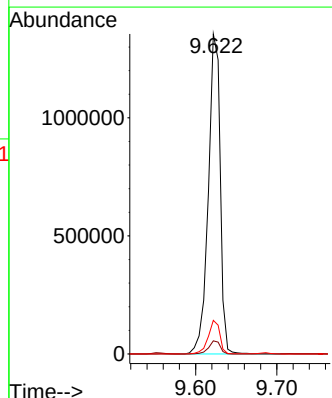
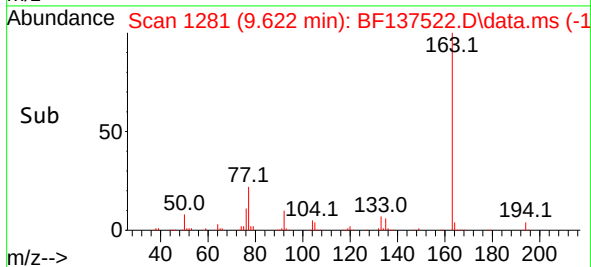
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

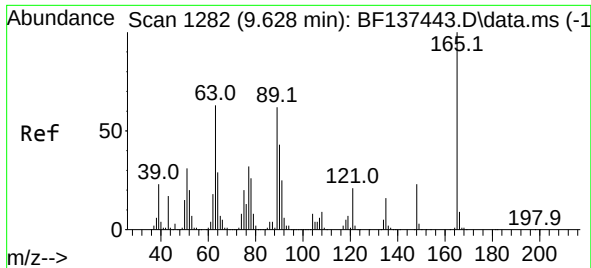


#50
Dimethylphthalate
Concen: 40.469 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



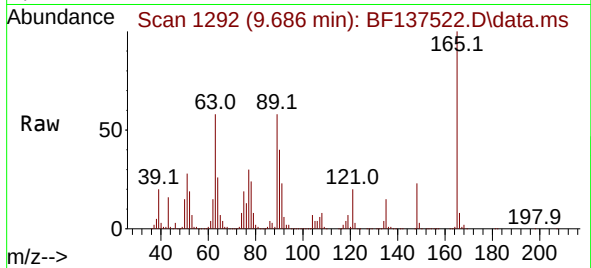
Tgt Ion:163 Resp: 1377618
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.062 ng
RT: 9.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

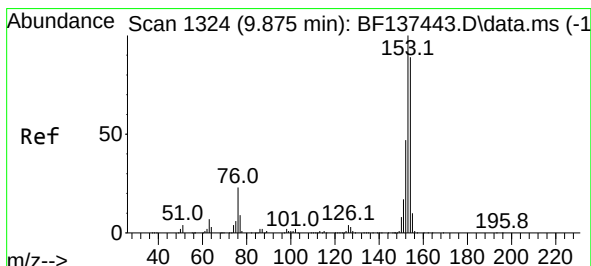
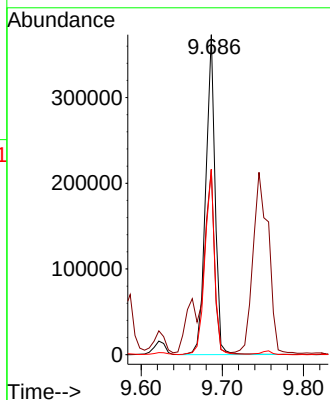
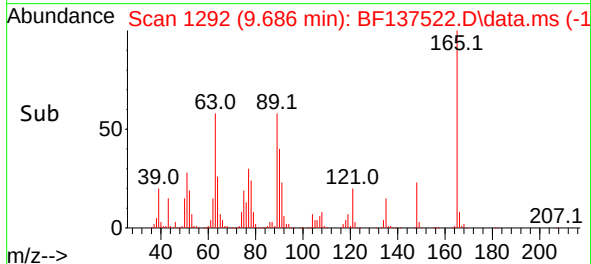
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



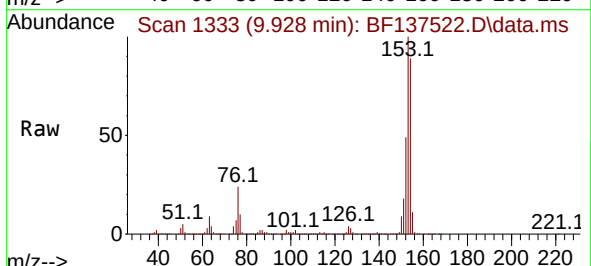
Tgt Ion:165 Resp: 299480
Ion Ratio Lower Upper
165 100
63 57.9 50.7 76.1
89 58.0 50.0 75.0

Manual Integrations
APPROVED

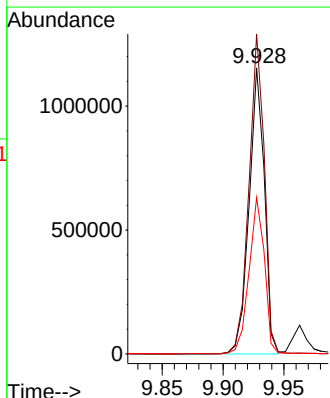
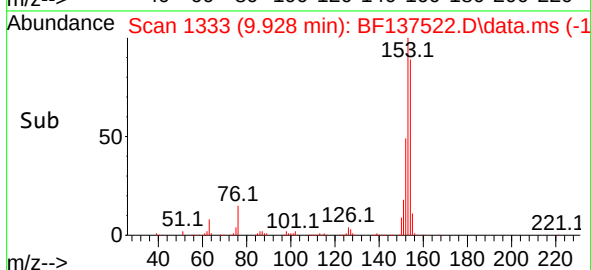
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

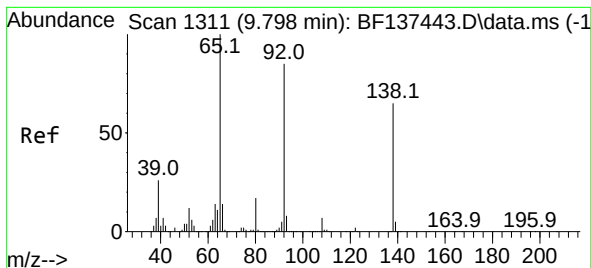


#52
Acenaphthene
Concen: 38.646 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



Tgt Ion:154 Resp: 1007563
Ion Ratio Lower Upper
154 100
153 111.8 90.3 135.5
152 54.7 42.7 64.1





#53
3-Nitroaniline
Concen: 21.650 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

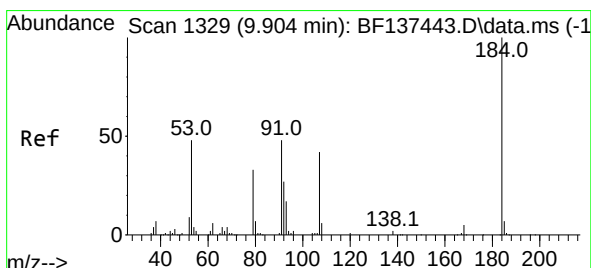
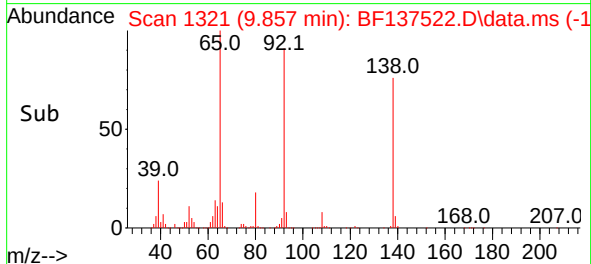
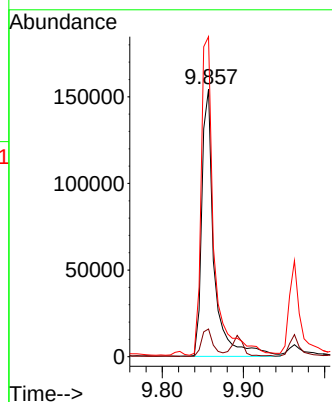
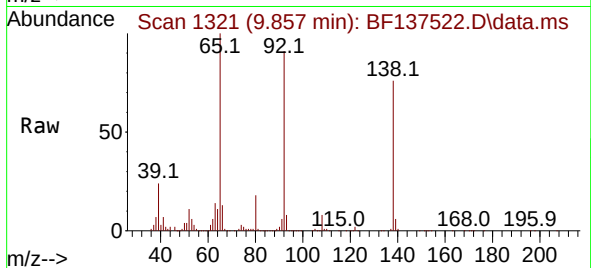
72-12002MSD

Tgt Ion:138 Resp: 163040
Ion Ratio Lower Upper
138 100
108 10.4 9.1 13.7
92 119.7 104.6 157.0

Manual Integrations

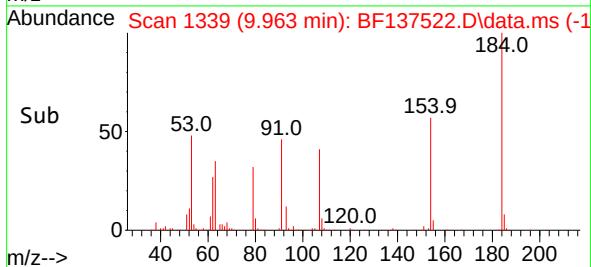
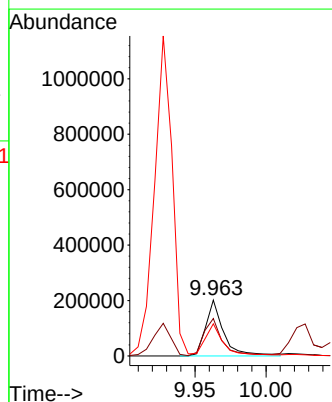
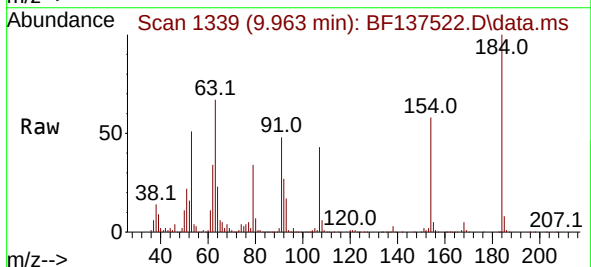
APPROVED

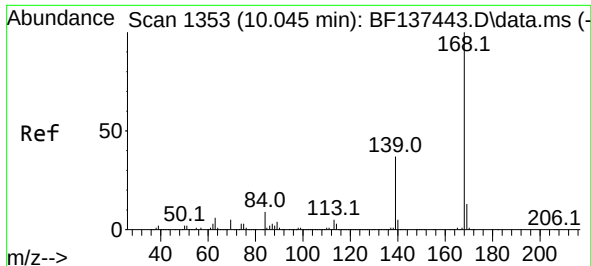
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#54
2,4-Dinitrophenol
Concen: 54.259 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

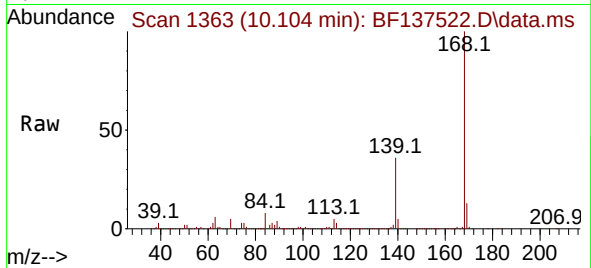
Tgt Ion:184 Resp: 178187
Ion Ratio Lower Upper
184 100
63 66.9 53.3 79.9
154 57.6 47.4 71.0





#55
Dibenzofuran
Concen: 38.540 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

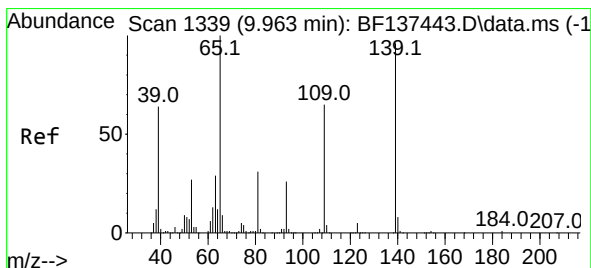
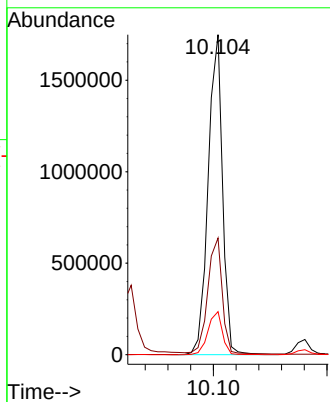
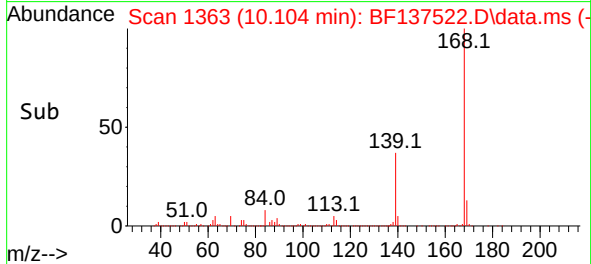
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



Tgt Ion:168 Resp: 1530379
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.6
169 13.5 10.8 16.2

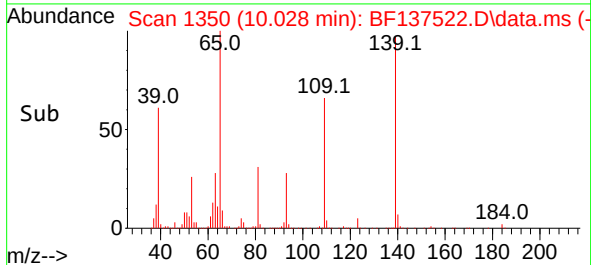
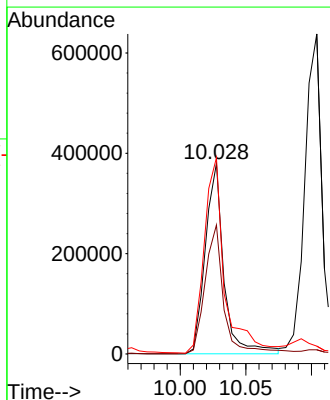
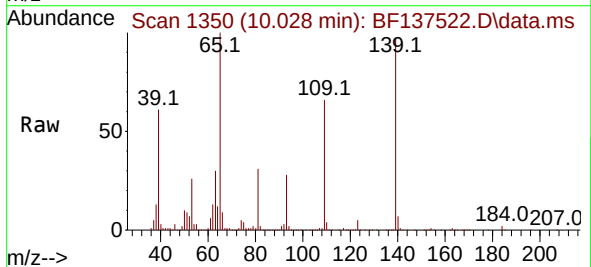
Manual Integrations
APPROVED

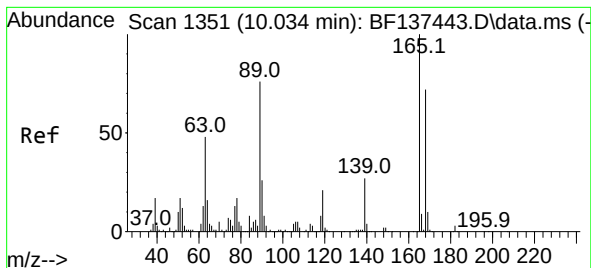
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#56
4-Nitrophenol
Concen: 70.683 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

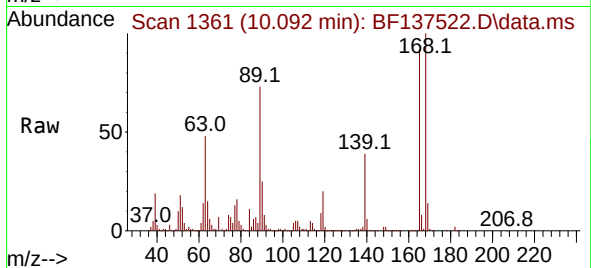
Tgt Ion:139 Resp: 375731
Ion Ratio Lower Upper
139 100
109 67.7 47.1 87.1
65 103.0 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 41.563 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

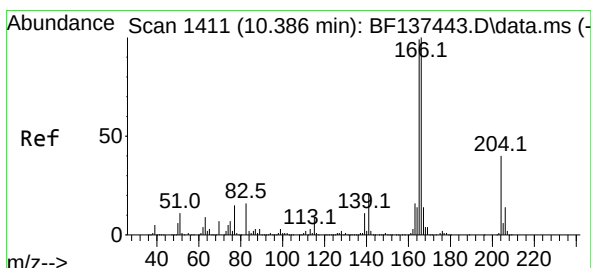
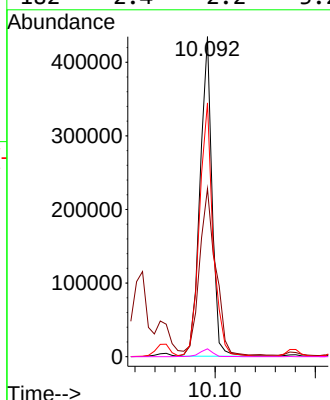
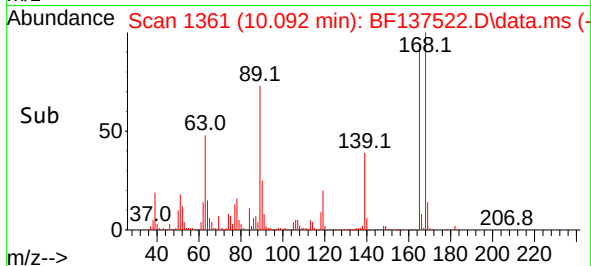
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



Tgt Ion:165 Resp: 36357
Ion Ratio Lower Upper
165 100
63 52.5 39.0 58.6
89 79.3 60.9 91.3
182 2.4 2.2 3.2

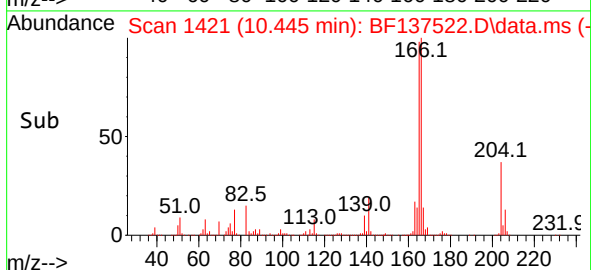
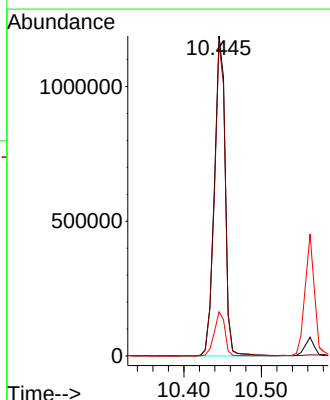
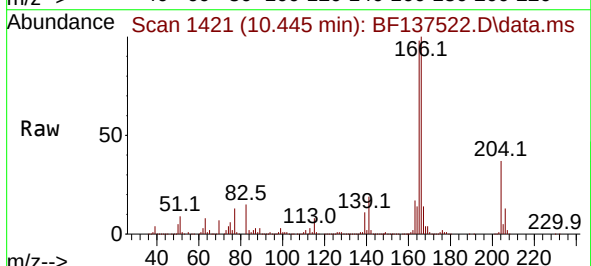
Manual Integrations
APPROVED

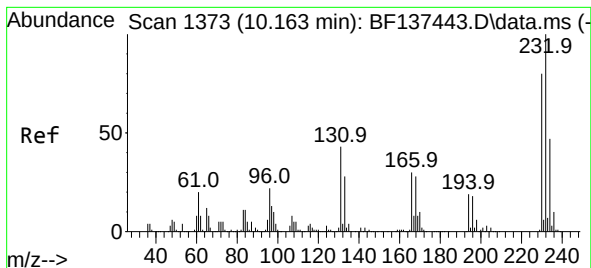
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#58
Fluorene
Concen: 37.803 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

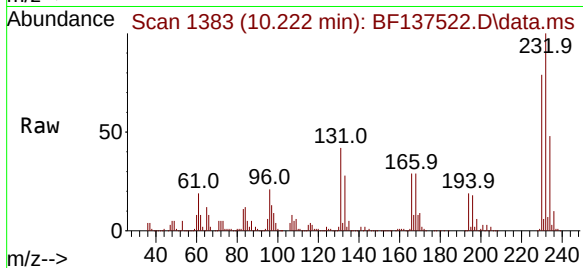
Tgt Ion:166 Resp: 1152839
Ion Ratio Lower Upper
166 100
165 97.9 79.2 118.8
167 13.8 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.984 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

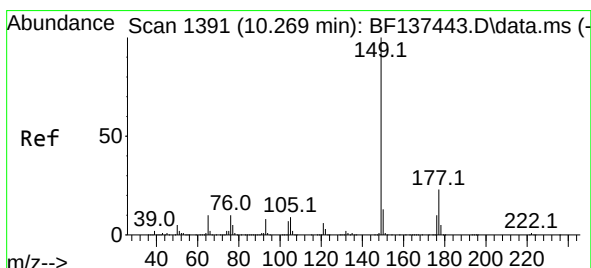
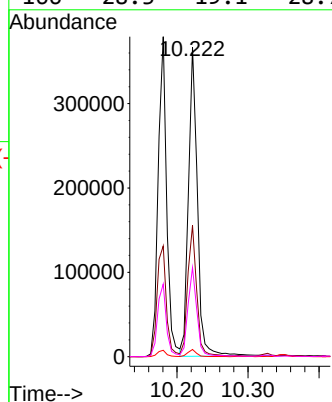
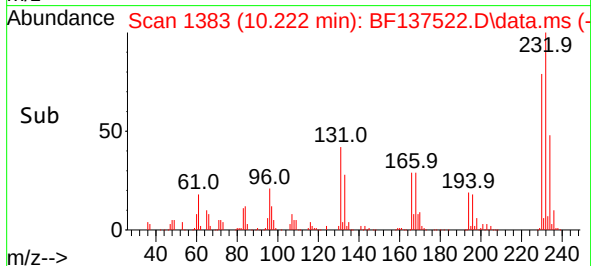
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



Tgt Ion:232 Resp: 32015
Ion Ratio Lower Upper
232 100
131 41.5 31.2 46.8
130 2.3 1.8 2.6
166 28.3 19.1 28.7

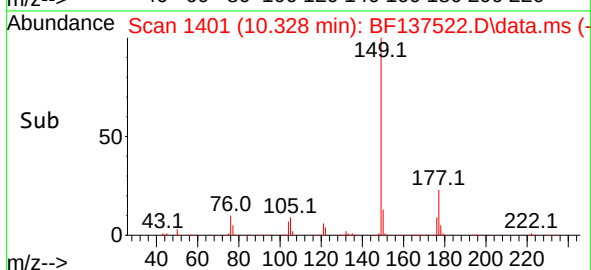
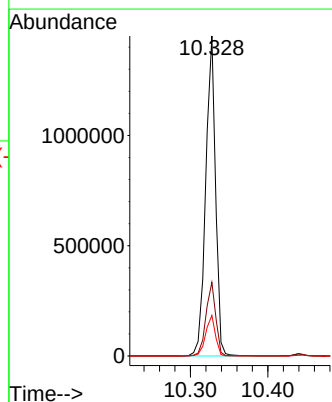
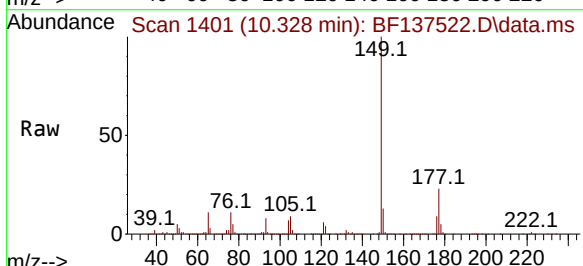
Manual Integrations
APPROVED

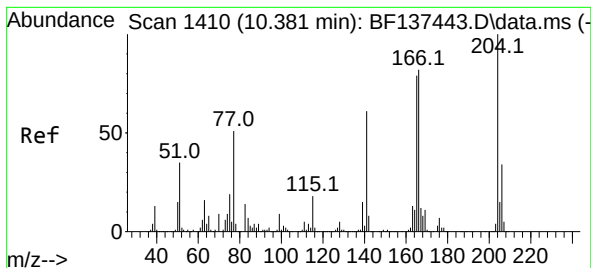
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#60
Diethylphthalate
Concen: 39.829 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion:149 Resp: 1280331
Ion Ratio Lower Upper
149 100
177 23.0 18.7 28.1
150 12.6 10.2 15.4





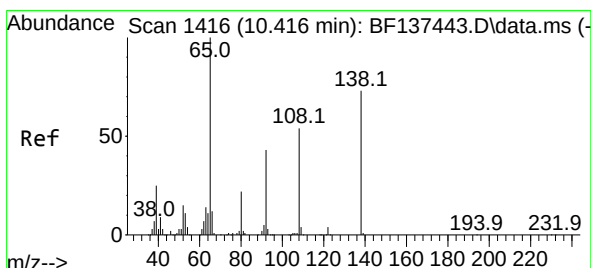
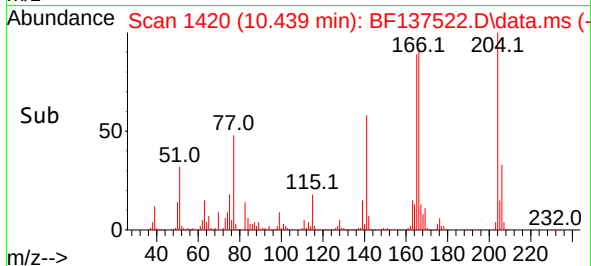
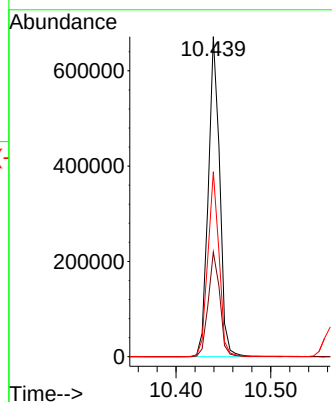
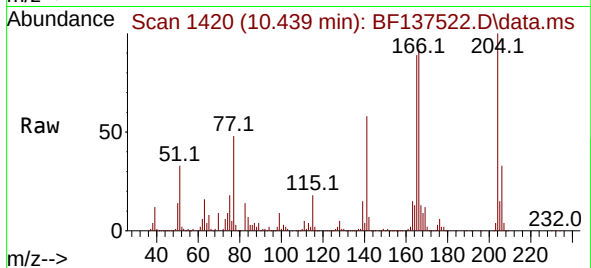
#61
4-Chlorophenyl-phenylether
Concen: 37.368 ng
RT: 10.439 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :
BNA_F
ClientSampleId :
72-12002MSD

Tgt Ion:204 Resp: 55849
Ion Ratio Lower Upper
204 100
206 32.7 27.4 41.0
141 57.8 48.4 72.6

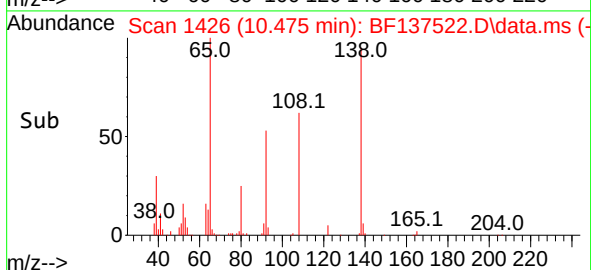
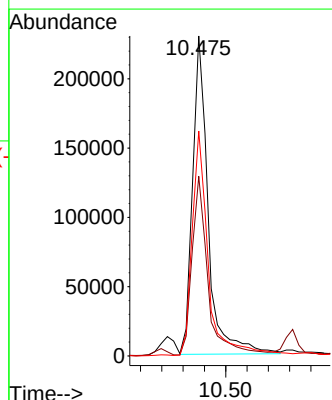
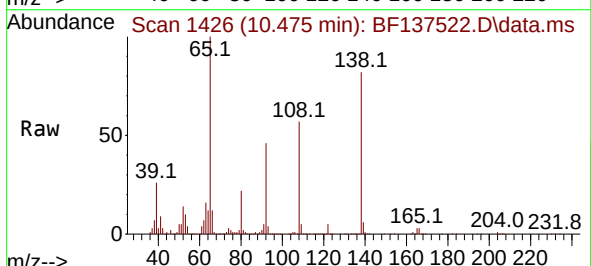
Manual Integrations
APPROVED

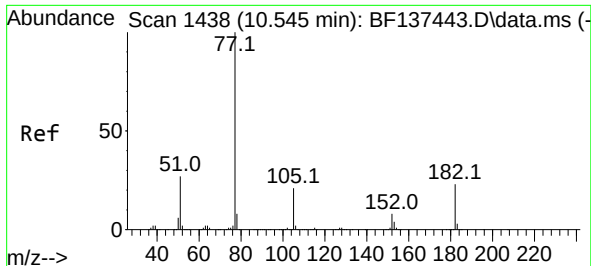
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#62
4-Nitroaniline
Concen: 36.039 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion:138 Resp: 233278
Ion Ratio Lower Upper
138 100
92 56.1 37.9 77.9
108 70.3 53.2 93.2





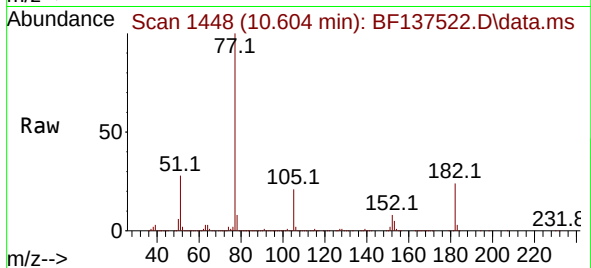
#63
Azobenzene
Concen: 39.030 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

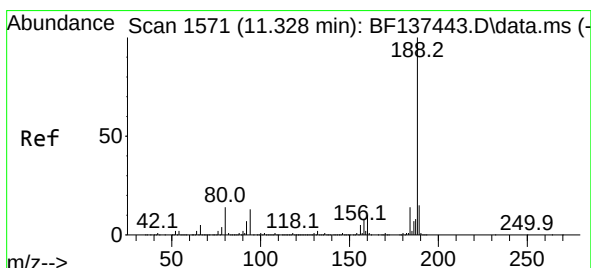
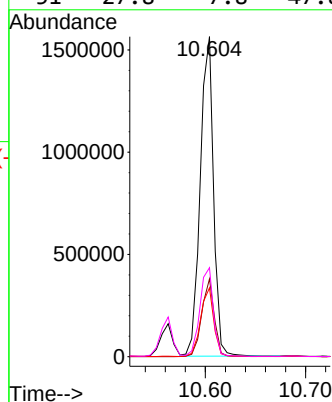
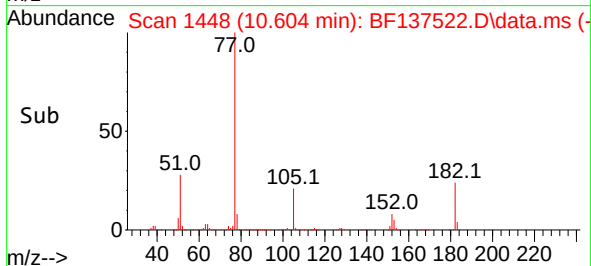


Tgt Ion: 77 Resp: 1444710
Ion Ratio Lower Upper
77 100
182 24.3 3.2 43.2
105 21.5 1.2 41.2
51 27.8 7.8 47.8

Manual Integrations

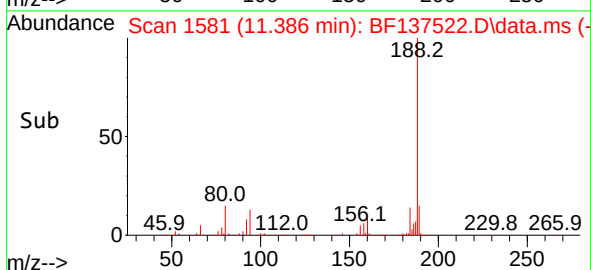
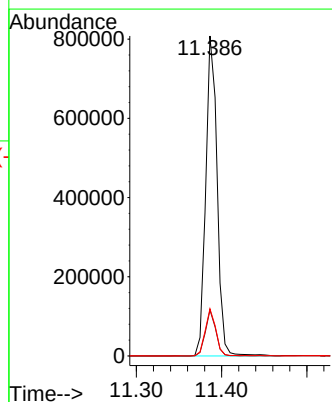
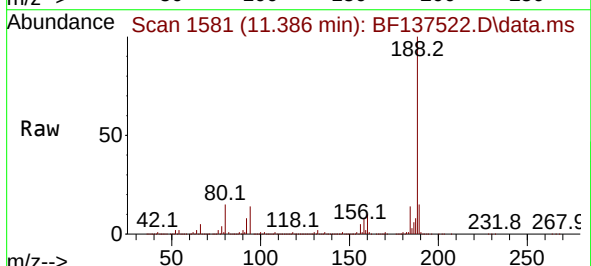
APPROVED

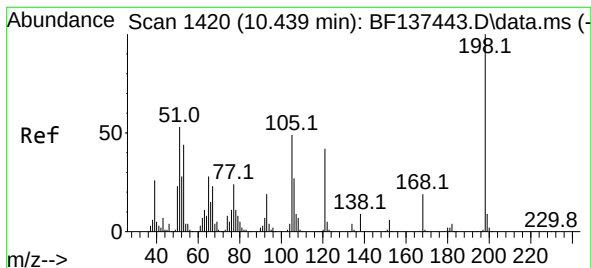
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

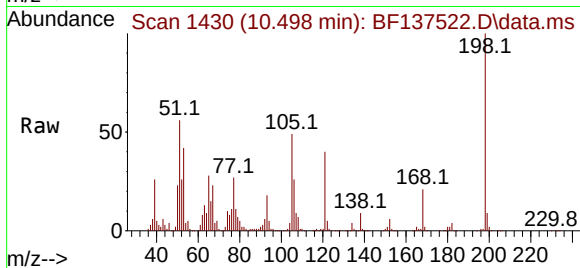
Tgt Ion:188 Resp: 748602
Ion Ratio Lower Upper
188 100
94 14.4 10.6 15.8
80 14.8 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 37.311 ng
RT: 10.498 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

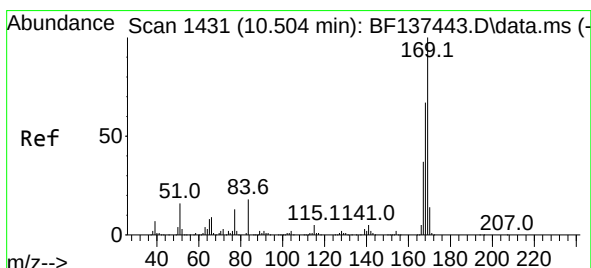
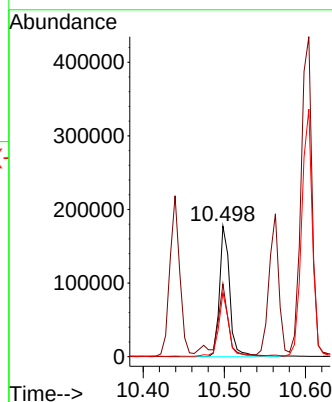
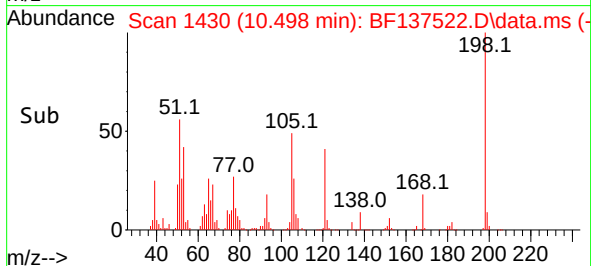
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



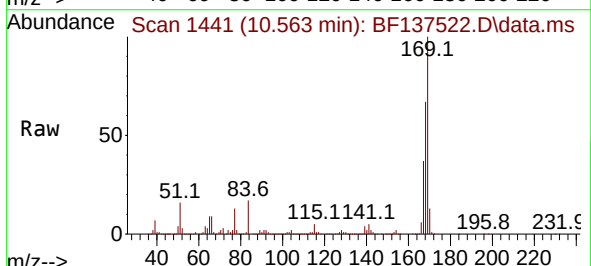
Tgt Ion:198 Resp: 155679
Ion Ratio Lower Upper
198 100
51 55.8 37.2 77.2
105 48.9 29.2 69.2

Manual Integrations
APPROVED

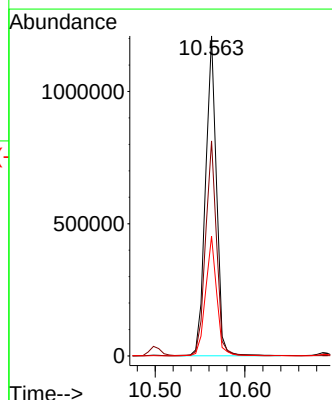
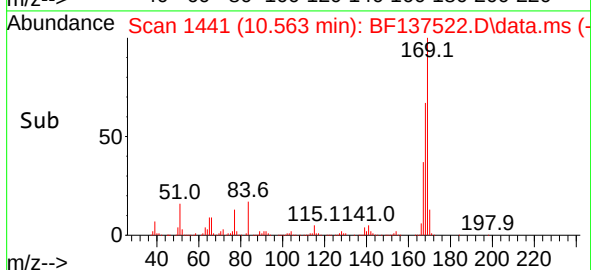
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

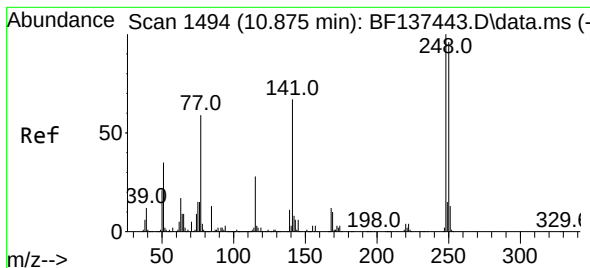


#66
n-Nitrosodiphenylamine
Concen: 42.607 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



Tgt Ion:169 Resp: 1027080
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.6
167 37.4 29.6 44.4





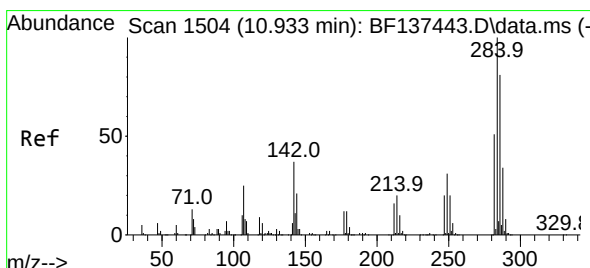
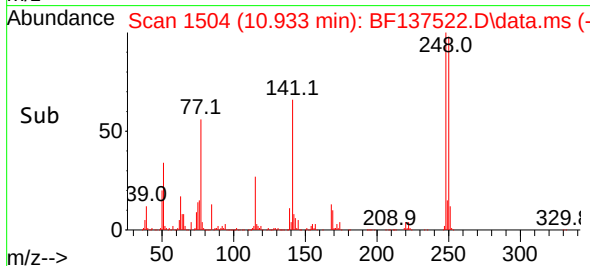
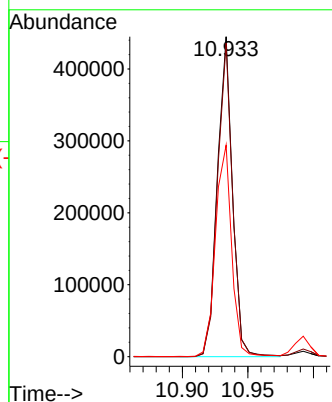
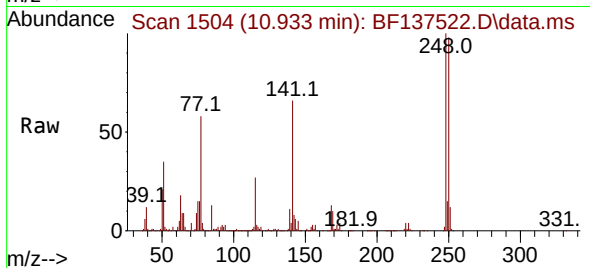
#67
4-Bromophenyl-phenylether
Concen: 43.826 ng
RT: 10.933 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Instrument :
BNA_F
ClientSampleId :
72-12002MSD

Tgt Ion:248 Resp: 35734
Ion Ratio Lower Upper
248 100
250 98.0 76.8 115.2
141 66.1 53.4 80.0

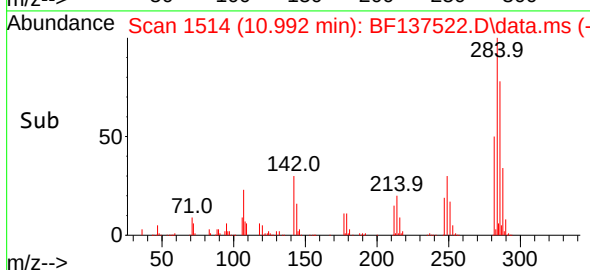
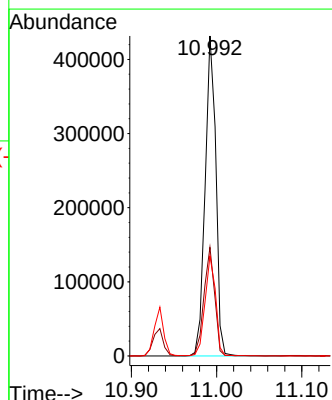
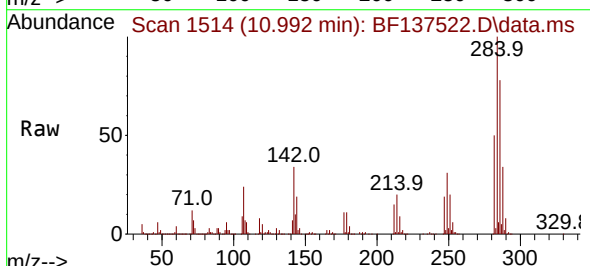
Manual Integrations
APPROVED

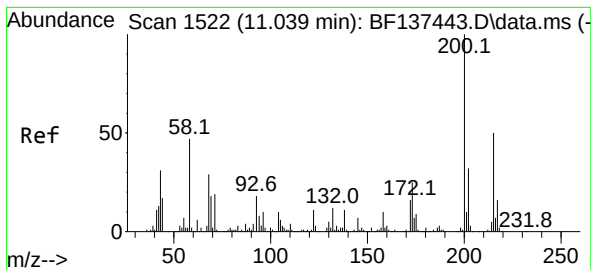
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#68
Hexachlorobenzene
Concen: 45.810 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion:284 Resp: 377262
Ion Ratio Lower Upper
284 100
142 33.9 29.4 44.0
249 31.3 25.0 37.4





#69

Atrazine

Concen: 44.870 ng

RT: 11.098 min Scan# 11098

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

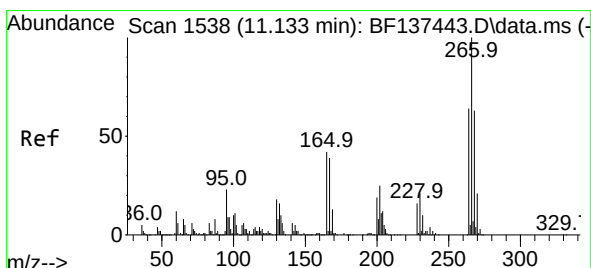
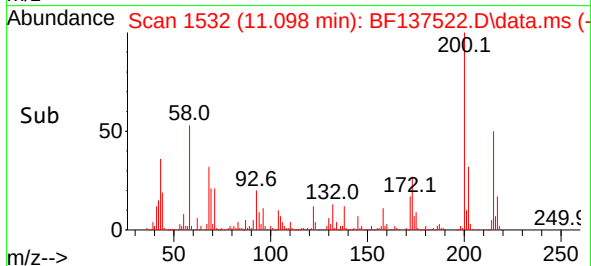
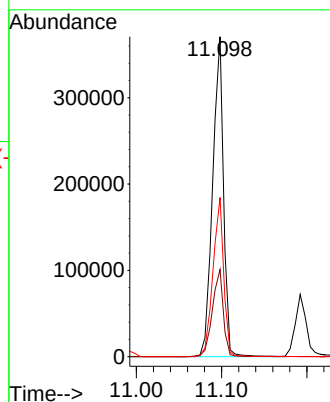
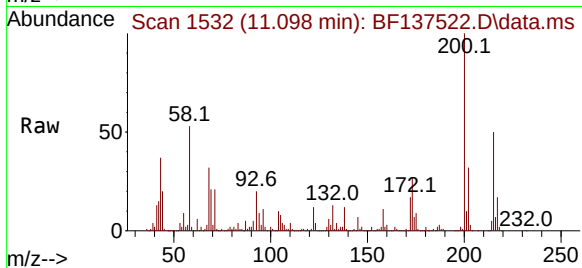
72-12002MSD

Tgt Ion:200 Resp: 32881
 Ion Ratio Lower Upper
 200 100
 173 27.2 5.1 45.1
 215 49.8 30.4 70.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024



#70

Pentachlorophenol

Concen: 71.879 ng

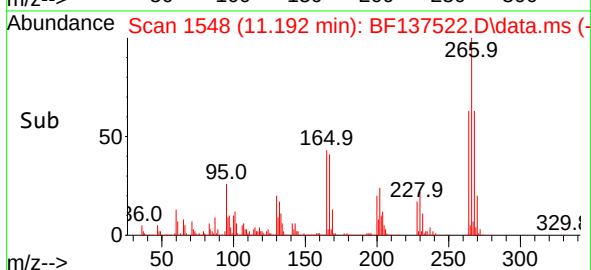
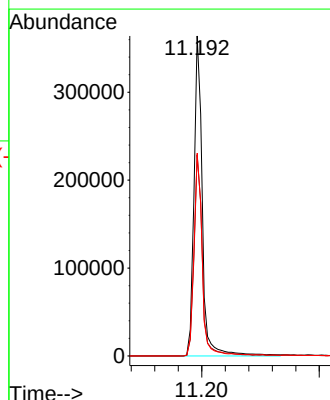
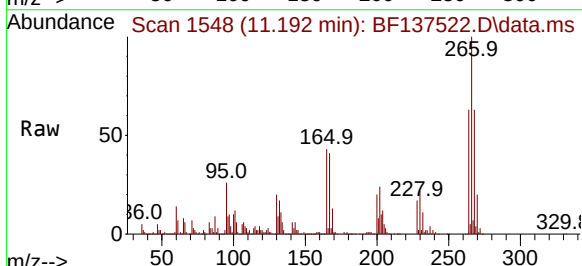
RT: 11.192 min Scan# 1548

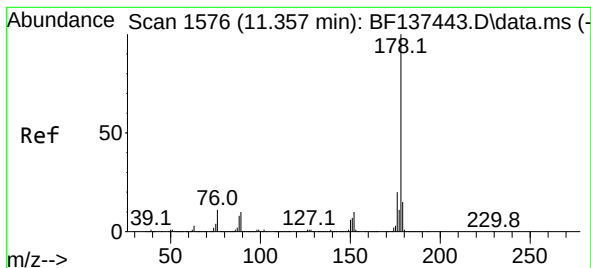
Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Tgt Ion:266 Resp: 357841
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.2 75.2
 264 63.3 50.9 76.3





#71

Phenanthrene

Concen: 41.085 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Tgt Ion:178 Resp: 167382

Ion Ratio Lower Upper

178 100

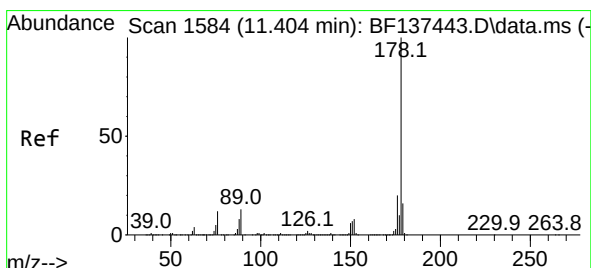
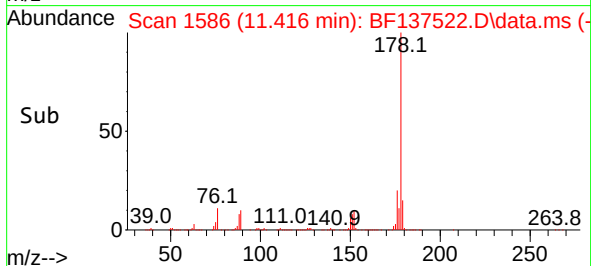
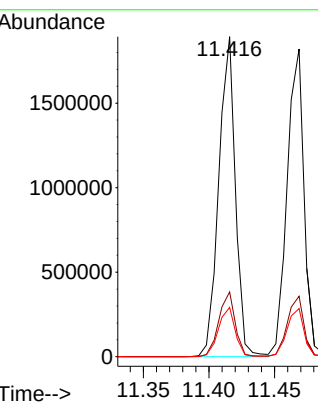
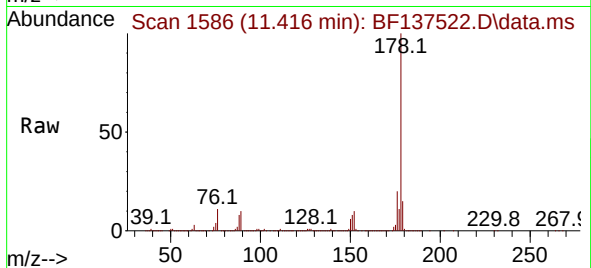
176 20.2 15.8 23.8

179 15.4 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#72

Anthracene

Concen: 39.347 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

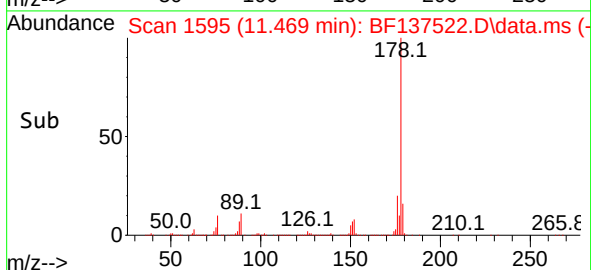
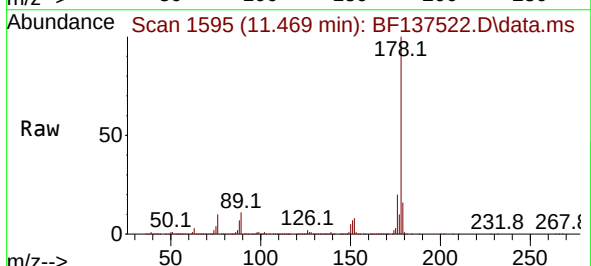
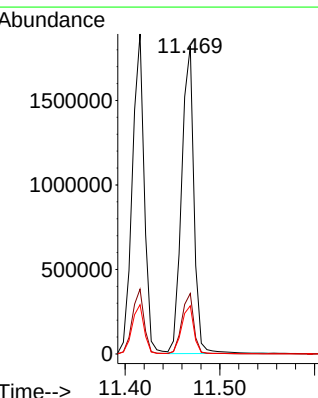
Tgt Ion:178 Resp: 1646377

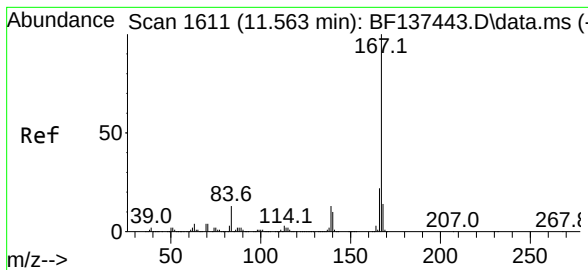
Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

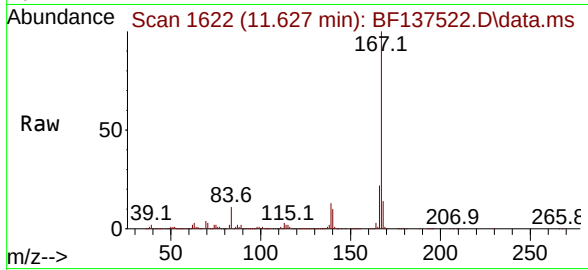
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 39.393 ng
 RT: 11.627 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF137522.D
 Acq: 06 Mar 2024 16:55

Instrument :
 BNA_F
 ClientSampleId :
 72-12002MSD

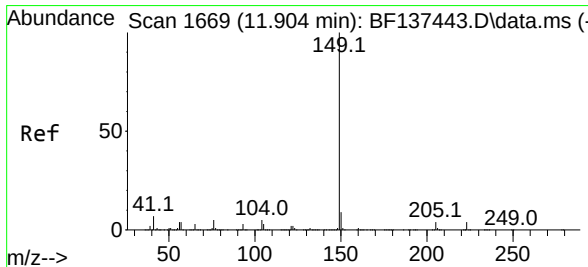
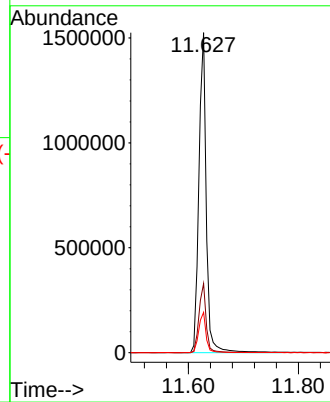
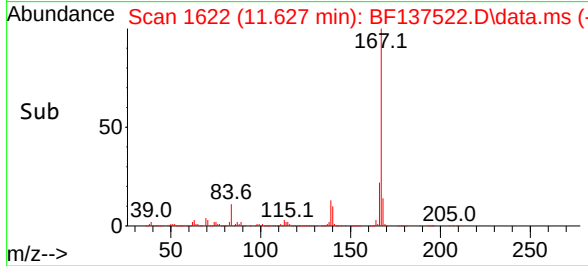


Tgt Ion:167 Resp: 141188

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.8
139	12.6	10.5	15.7

Manual Integrations
 APPROVED

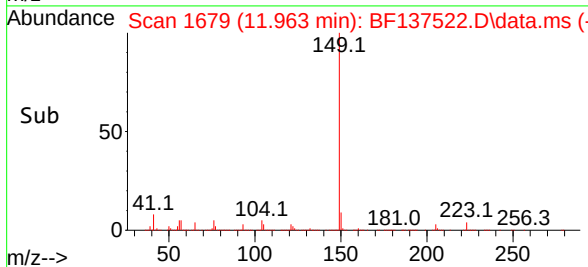
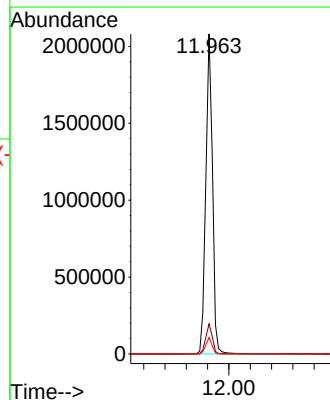
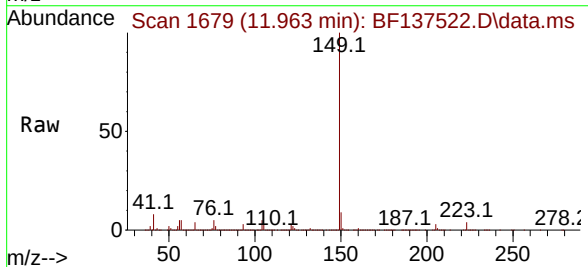
Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024

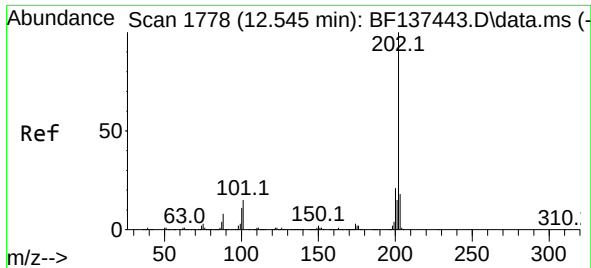


#74
 Di-n-butylphthalate
 Concen: 42.332 ng
 RT: 11.963 min Scan# 1679
 Delta R.T. 0.000 min
 Lab File: BF137522.D
 Acq: 06 Mar 2024 16:55

Tgt Ion:149 Resp: 1805144

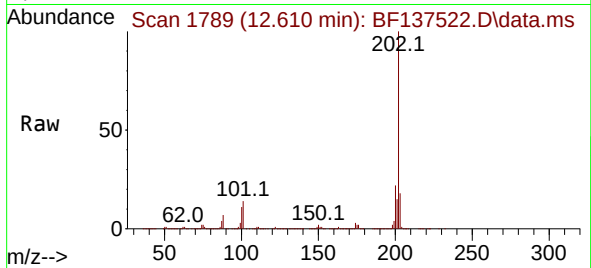
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.1	3.8	5.6





#75
Fluoranthene
Concen: 37.686 ng
RT: 12.610 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

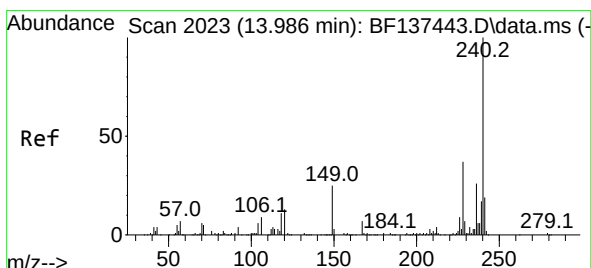
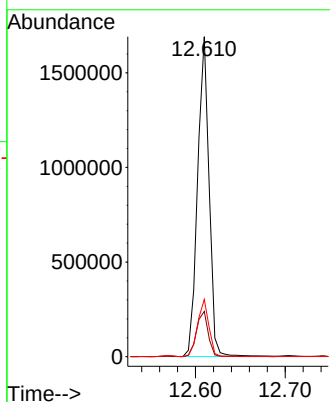
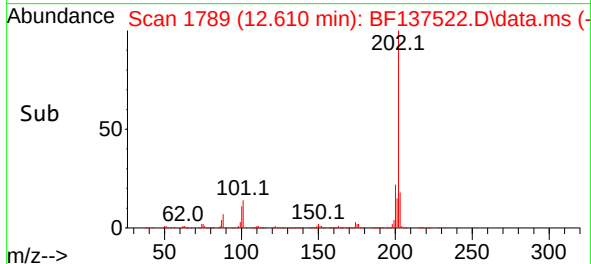
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



Tgt Ion:202 Resp: 1500750
Ion Ratio Lower Upper
202 100
101 14.1 0.0 35.0
203 17.9 0.0 37.7

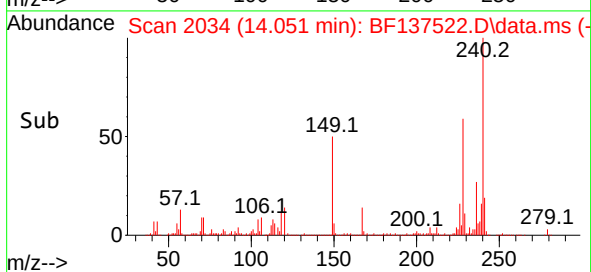
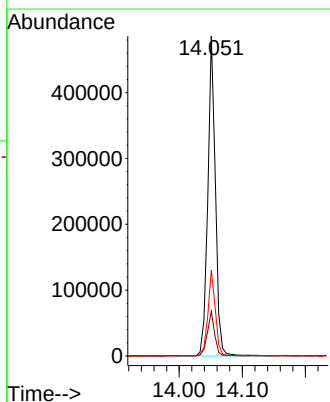
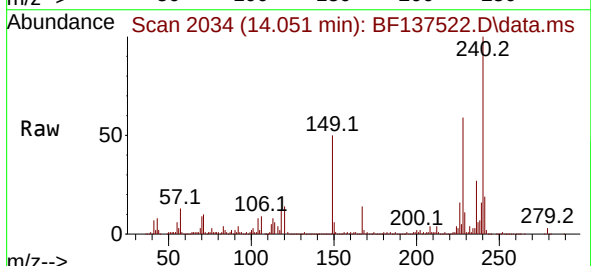
Manual Integrations
APPROVED

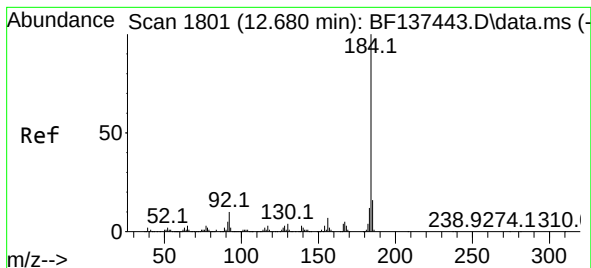
Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

Tgt Ion:240 Resp: 409647
Ion Ratio Lower Upper
240 100
120 13.9 10.4 15.6
236 26.8 20.9 31.3





#77

Benzidine

Concen: 52.156 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

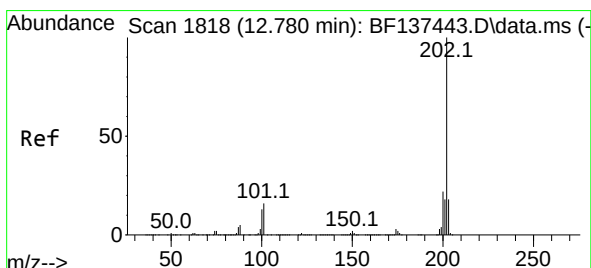
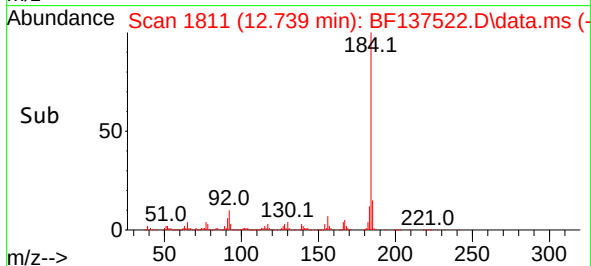
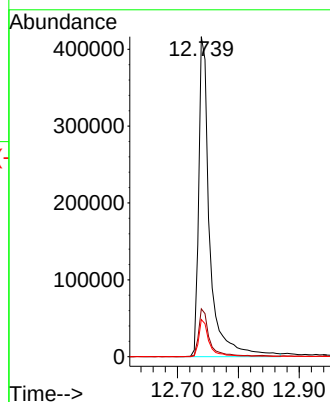
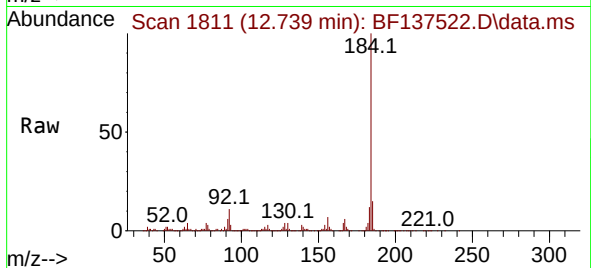
72-12002MSD

Tgt Ion:184 Resp: 522864
 Ion Ratio Lower Upper
 184 100
 185 14.9 13.2 19.8
 183 11.6 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
 Supervised By :mohammad ahmed 03/08/2024



#78

Pyrene

Concen: 37.521 ng

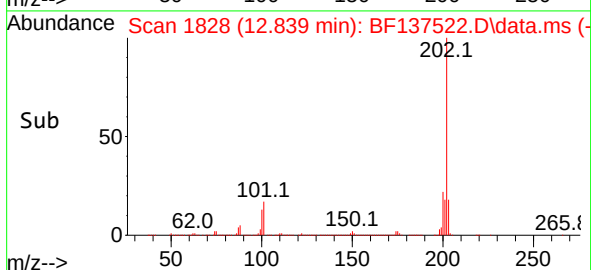
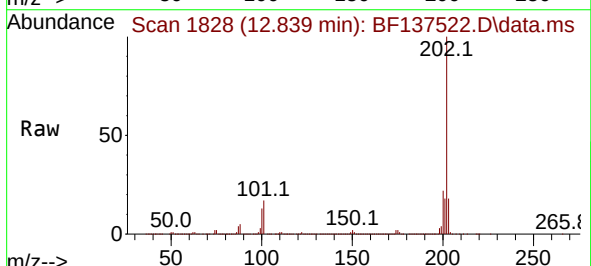
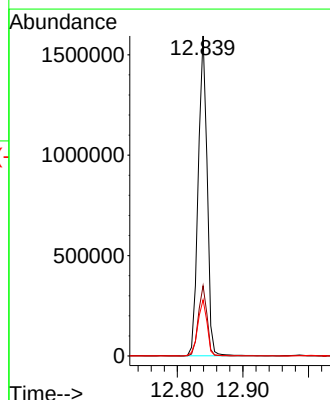
RT: 12.839 min Scan# 1828

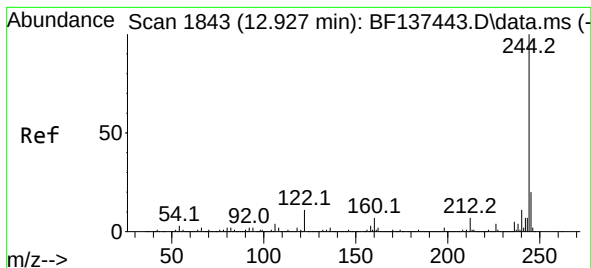
Delta R.T. 0.000 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Tgt Ion:202 Resp: 1508165
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 41.496 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Tgt Ion:244 Resp: 123618

Ion Ratio Lower Upper

244 100

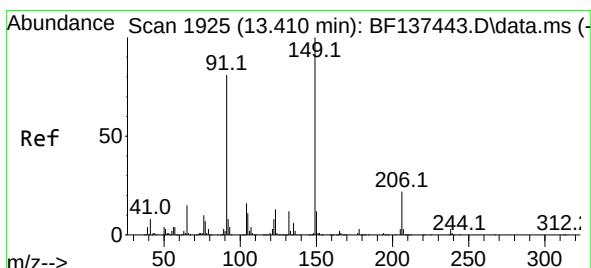
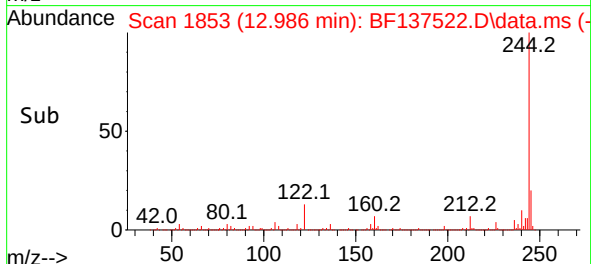
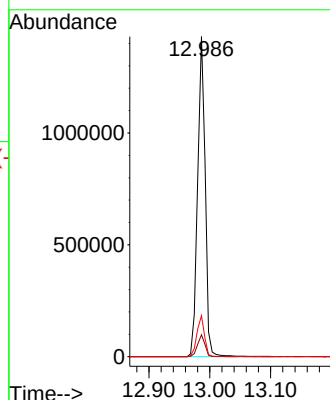
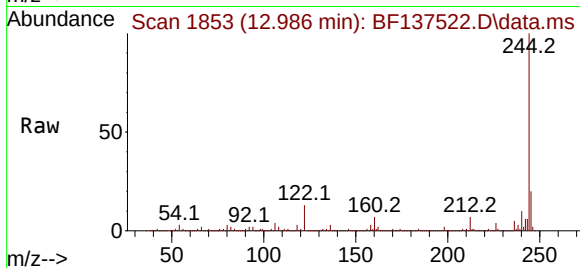
212 6.9 5.4 8.2

122 12.8 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#80

Butylbenzylphthalate

Concen: 50.397 ng

RT: 13.474 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

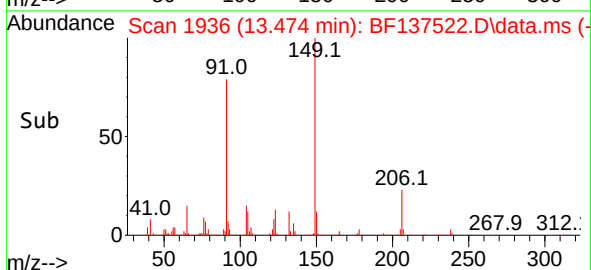
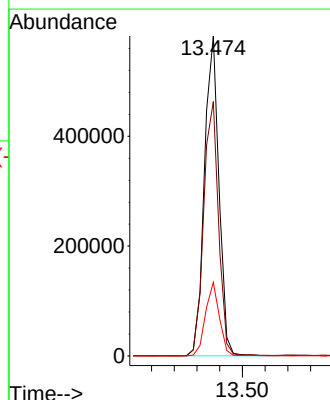
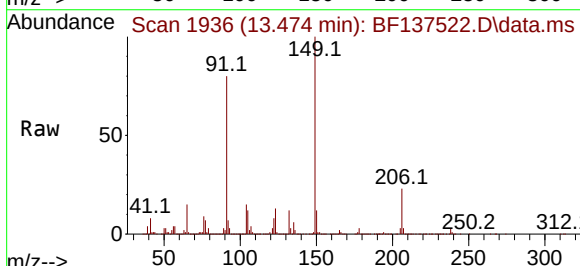
Tgt Ion:149 Resp: 517343

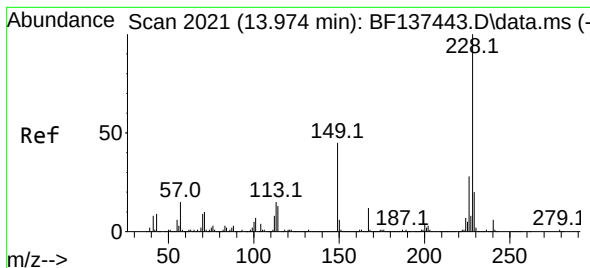
Ion Ratio Lower Upper

149 100

91 79.5 64.7 97.1

206 23.0 17.5 26.3





#81

Benzo(a)anthracene

Concen: 42.487 ng

RT: 14.039 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF137522.D

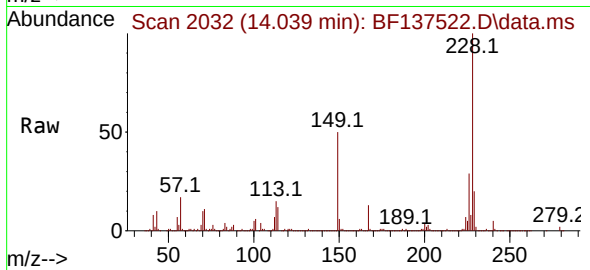
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD



Tgt Ion:228 Resp: 121986

Ion Ratio Lower Upper

228 100

226 28.6 22.3 33.5

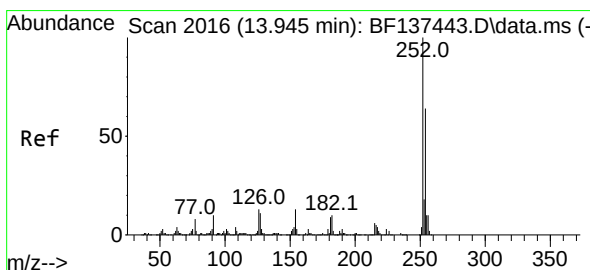
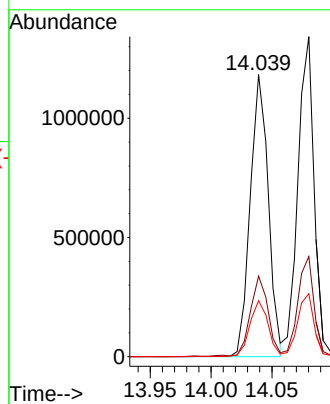
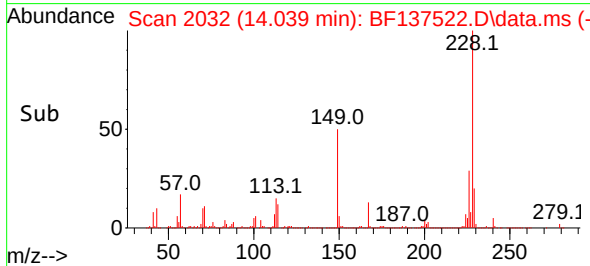
229 19.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024

Supervised By :mohammad ahmed 03/08/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.269 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

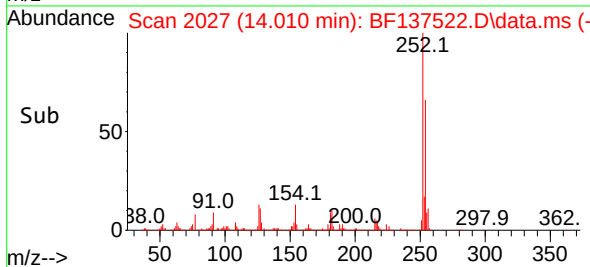
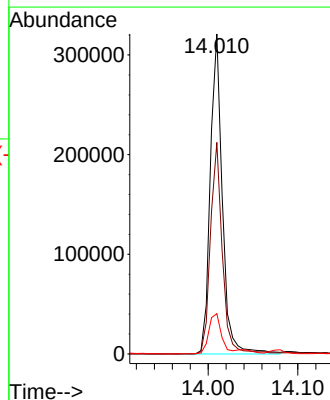
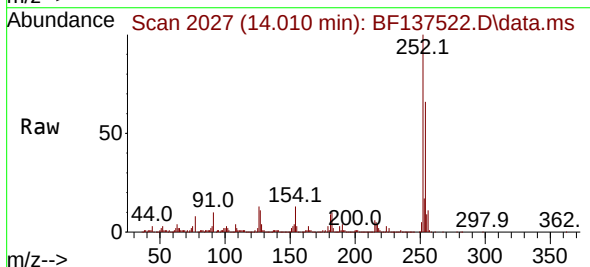
Tgt Ion:252 Resp: 300247

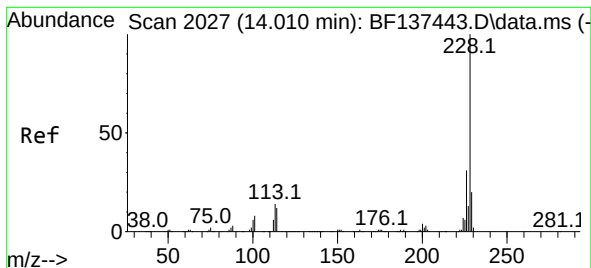
Ion Ratio Lower Upper

252 100

254 66.1 51.4 77.2

126 12.6 10.4 15.6





#83

Chrysene

Concen: 42.934 ng

RT: 14.080 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF137522.D

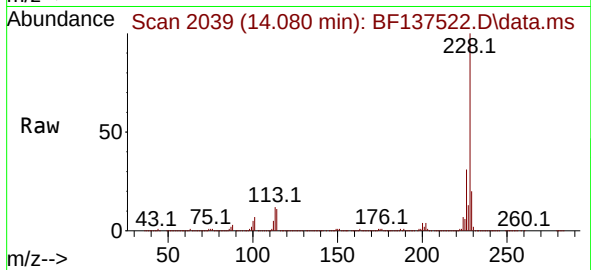
Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD



Tgt Ion:228 Resp: 124588

Ion Ratio Lower Upper

228 100

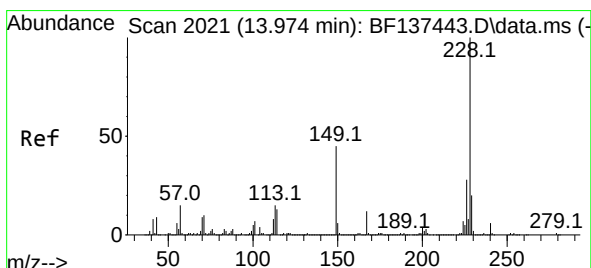
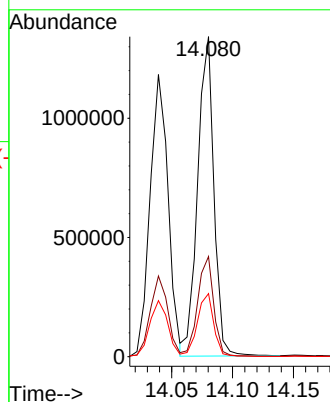
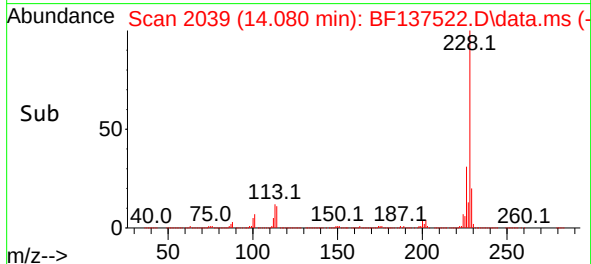
226 31.3 24.7 37.1

229 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.815 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

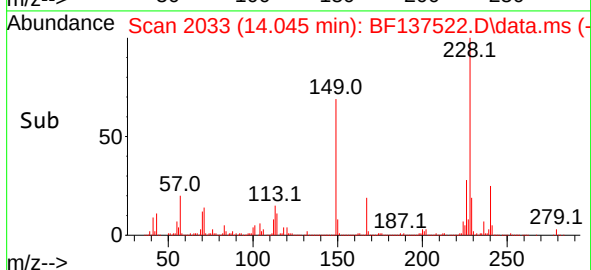
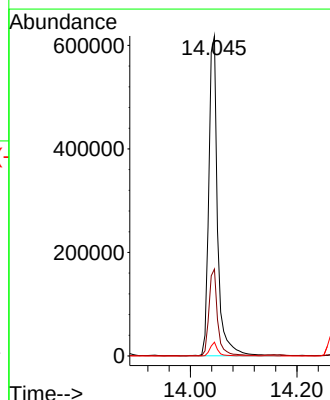
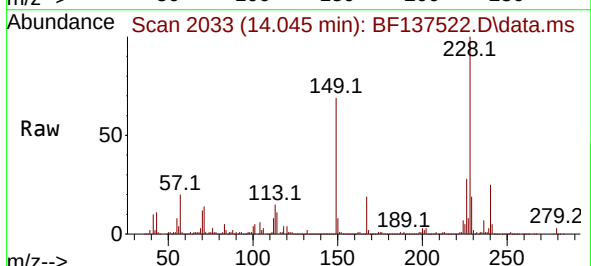
Tgt Ion:149 Resp: 702157

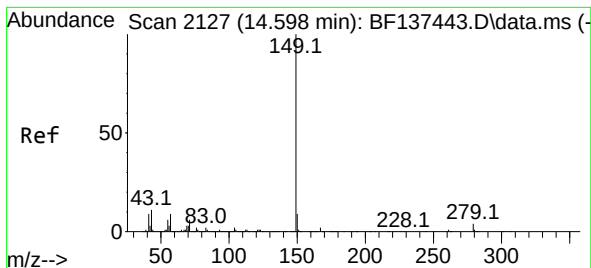
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 4.3 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 55.163 ng

RT: 14.668 min Scan# 2127

Delta R.T. 0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Tgt Ion:149 Resp: 1410978

Ion Ratio Lower Upper

149 100

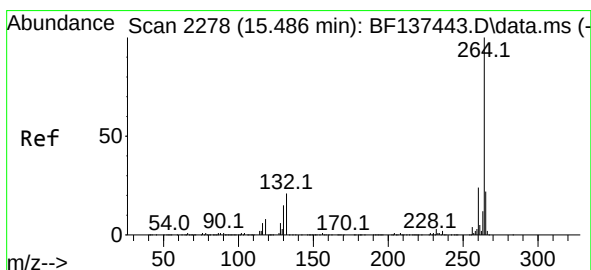
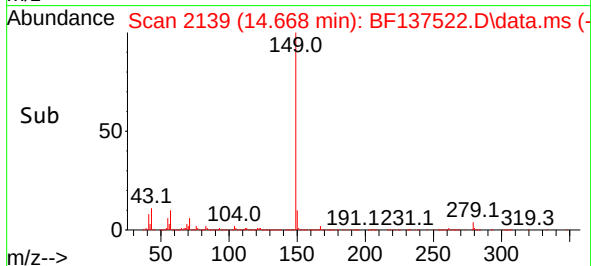
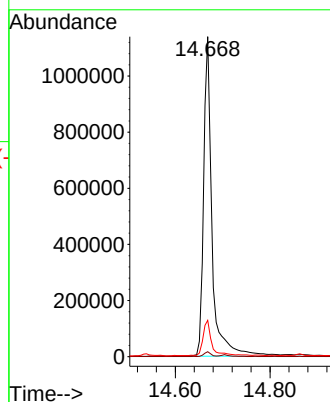
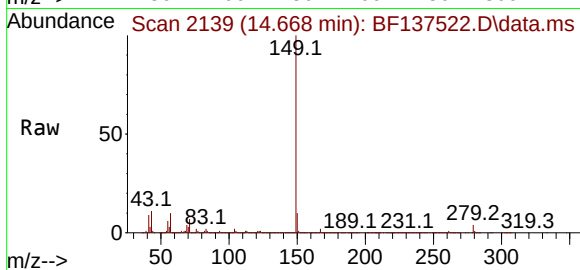
167 1.2 1.2 1.8

43 11.2 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

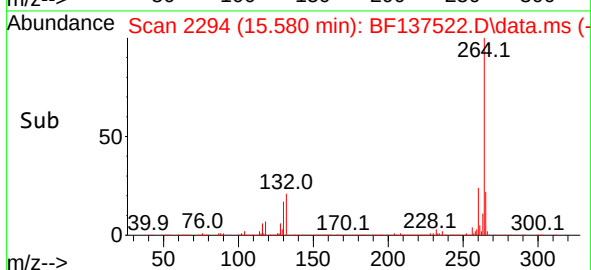
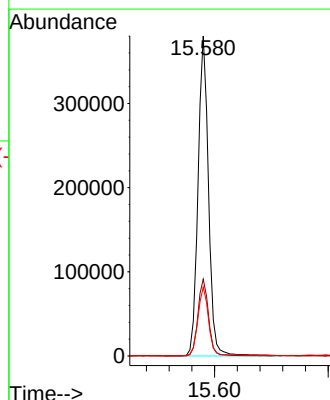
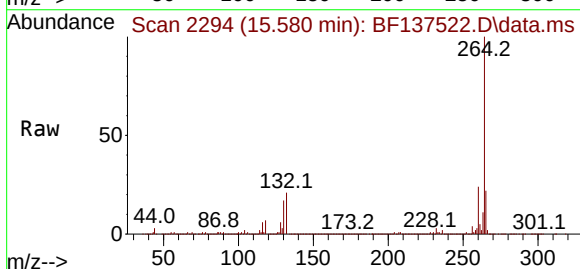
Tgt Ion:264 Resp: 489893

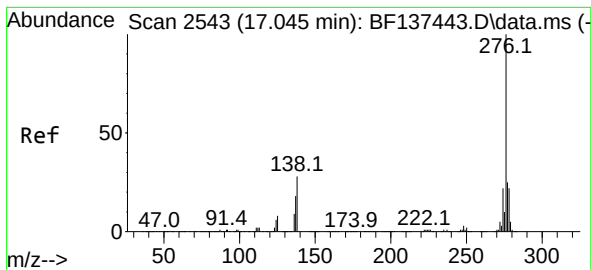
Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.135 ng

RT: 17.168 min Scan# 2117

Delta R.T. 0.012 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Tgt Ion:276 Resp: 1068200

Ion Ratio Lower Upper

276 100

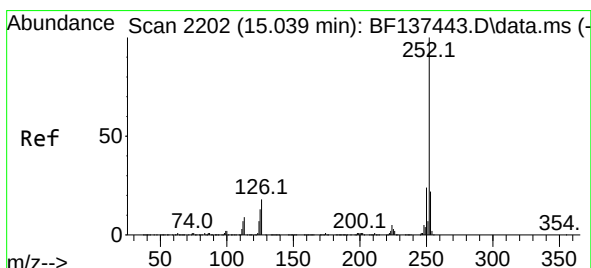
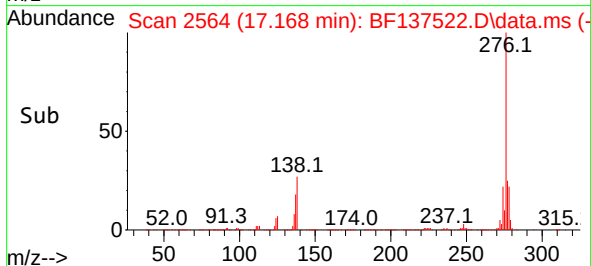
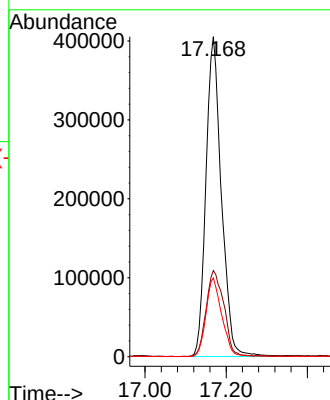
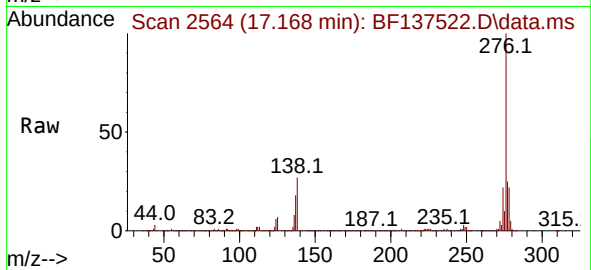
138 30.7 25.8 38.8

277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#88

Benzo(b)fluoranthene

Concen: 43.813 ng

RT: 15.127 min Scan# 2217

Delta R.T. 0.012 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

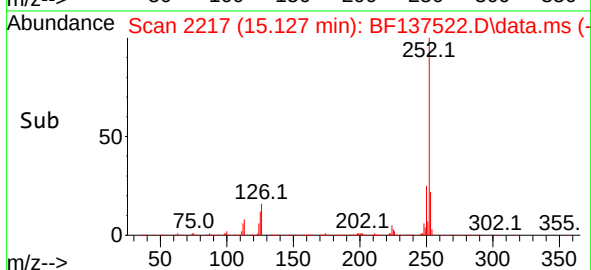
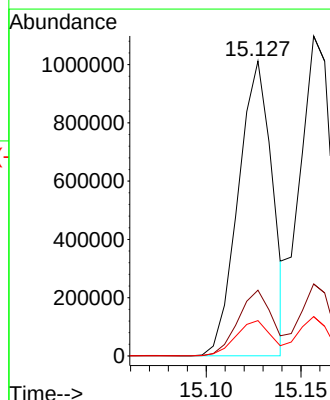
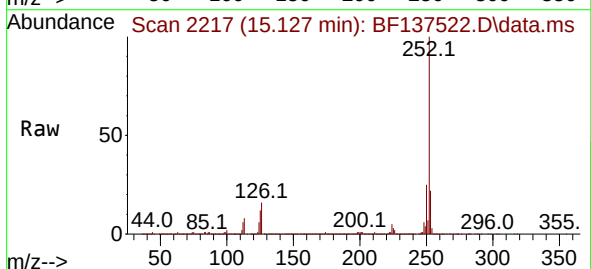
Tgt Ion:252 Resp: 1269668

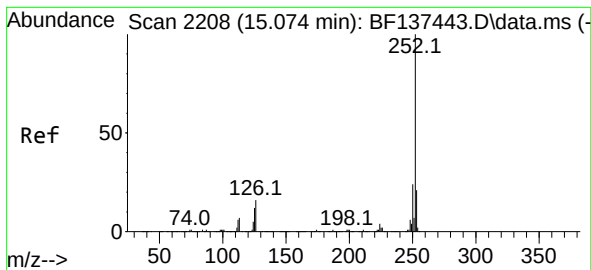
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 12.0 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 41.266 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

Instrument :

BNA_F

ClientSampleId :

72-12002MSD

Tgt Ion:252 Resp: 128447

Ion Ratio Lower Upper

252 100

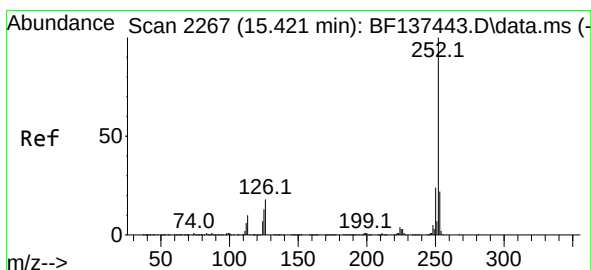
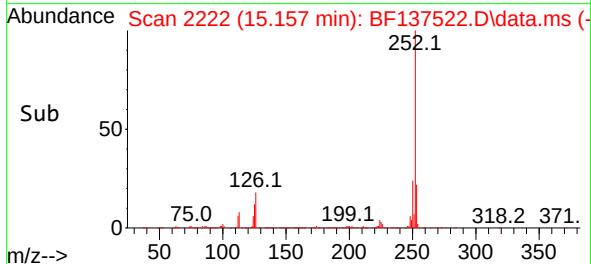
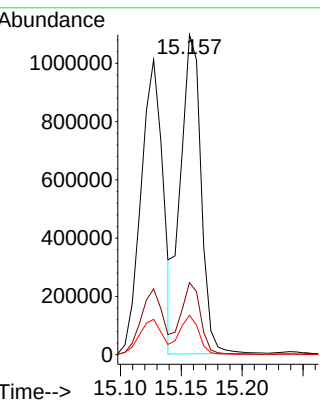
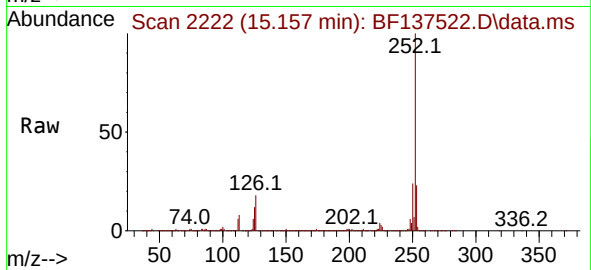
253 22.5 17.3 25.9

125 12.3 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#90

Benzo(a)pyrene

Concen: 42.383 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.012 min

Lab File: BF137522.D

Acq: 06 Mar 2024 16:55

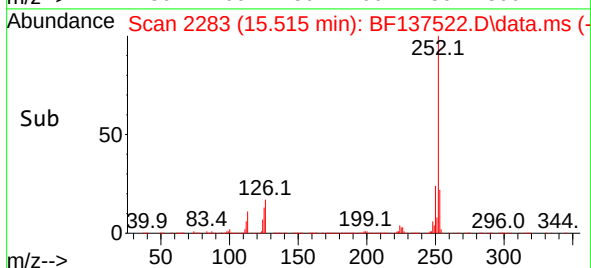
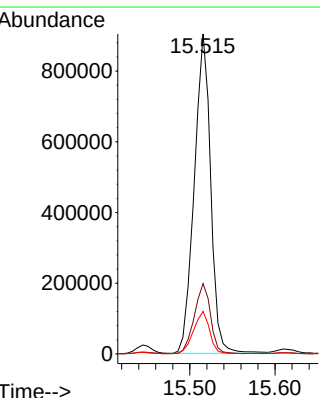
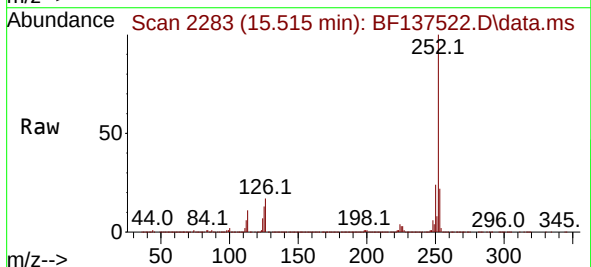
Tgt Ion:252 Resp: 1210338

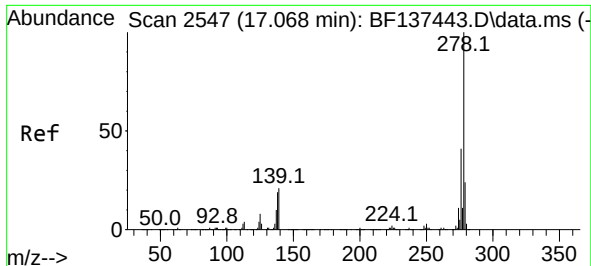
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

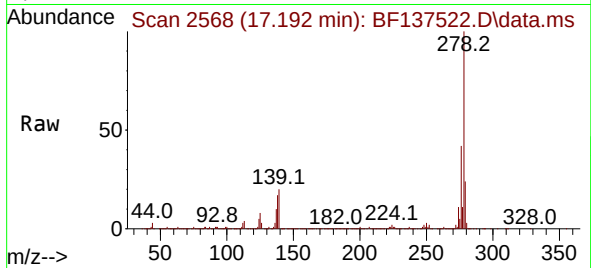
125 13.3 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 32.761 ng
RT: 17.192 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55

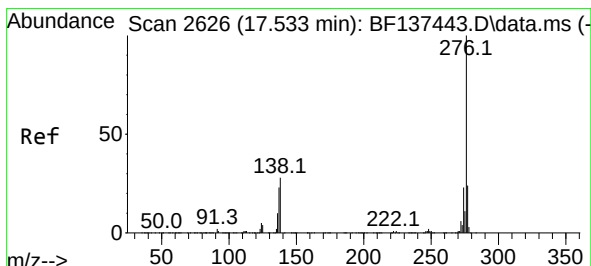
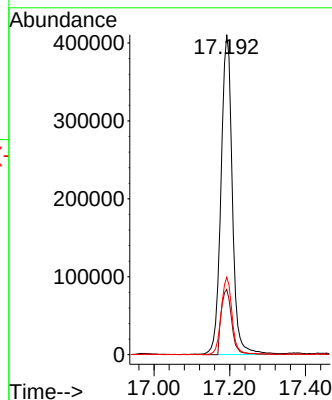
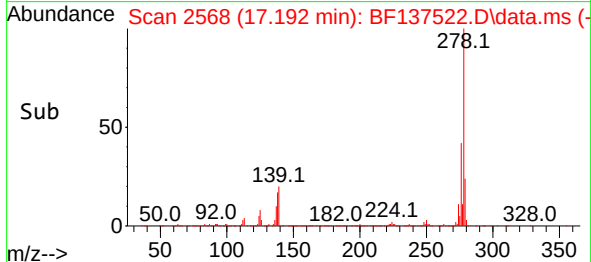
Instrument :
BNA_F
ClientSampleId :
72-12002MSD



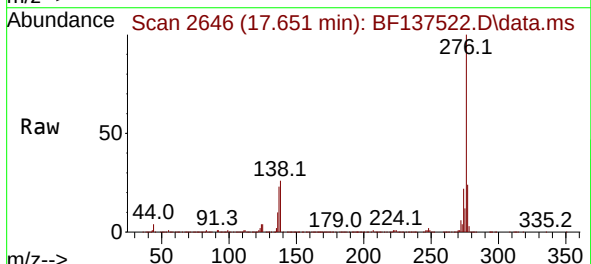
Tgt Ion:278 Resp: 856758
Ion Ratio Lower Upper
278 100
139 20.4 17.0 25.6
279 24.2 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024



#92
Benzo(g,h,i)perylene
Concen: 28.472 ng
RT: 17.651 min Scan# 2646
Delta R.T. 0.012 min
Lab File: BF137522.D
Acq: 06 Mar 2024 16:55



Tgt Ion:276 Resp: 764707
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 26.3 22.2 33.2

