

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137792.D
 Acq On : 01 May 2024 15:21
 Operator : CG\JU
 Sample : P2306-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20240429MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

Quant Time: May 01 15:54:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	192854	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	775329	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	440209	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	767868	20.000	ng	0.00
76) Chrysene-d12	14.257	240	434720	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	441867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	759154	65.907	ng	0.00
7) Phenol-d6	6.663	99	603393	41.299	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1253138	93.902	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	624284	138.895	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2426931	89.443	ng	0.00
79) Terphenyl-d14	13.192	244	2681073	103.356	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.010	88	99984	19.276	ng	99
3) Pyridine	3.769	79	240355	19.146	ng	97
4) n-Nitrosodimethylamine	3.722	42	121766	21.540	ng	98
6) Aniline	6.716	93	436413	30.137	ng	99
8) 2-Chlorophenol	6.840	128	495773	39.495	ng	99
9) Benzaldehyde	6.610	77	361380	45.931	ng	96
10) Phenol	6.681	94	221945	14.825	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	535809	45.709	ng	100
12) 1,3-Dichlorobenzene	6.998	146	517928	36.589	ng	99
13) 1,4-Dichlorobenzene	7.075	146	527671	37.150	ng	99
14) 1,2-Dichlorobenzene	7.228	146	522059	39.024	ng	98
15) Benzyl Alcohol	7.192	79	350694	34.710	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.322	45	720733	43.743	ng	99
17) 2-Methylphenol	7.298	107	334519	33.026	ng	98
18) Hexachloroethane	7.575	117	171598	35.737	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	413415	47.349	ng	98
20) 3+4-Methylphenols	7.445	107	396144	29.727	ng	97
22) Acetophenone	7.463	105	829393	47.564	ng	99
24) Nitrobenzene	7.639	77	621489	45.185	ng	99
25) Isophorone	7.875	82	1134267	47.141	ng	100
26) 2-Nitrophenol	7.957	139	321111	51.555	ng	99
27) 2,4-Dimethylphenol	7.981	122	400271	44.639	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	687066	47.161	ng	99
29) 2,4-Dichlorophenol	8.192	162	488133	45.038	ng	100
30) 1,2,4-Trichlorobenzene	8.281	180	480382	40.658	ng	99
31) Naphthalene	8.369	128	1657947	43.029	ng	100
32) Benzoic acid	8.045	122	100256	12.960	ng	99
33) 4-Chloroaniline	8.404	127	307361	21.512	ng	98
34) Hexachlorobutadiene	8.475	225	265729	36.632	ng	98
35) Caprolactam	8.775	113	32668m	9.513	ng	
36) 4-Chloro-3-methylphenol	8.875	107	474309	41.965	ng	97
37) 2-Methylnaphthalene	9.057	142	1131079	45.350	ng	99
38) 1-Methylnaphthalene	9.157	142	1064514	43.383	ng	98
40) 1,2,4,5-Tetrachloroben...	9.222	216	538568	46.193	ng	99
41) Hexachlorocyclopentadiene	9.210	237	542469	114.549	ng	99
43) 2,4,6-Trichlorophenol	9.328	196	383381	48.306	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137792.D
 Acq On : 01 May 2024 15:21
 Operator : CG\JU
 Sample : P2306-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-20240429MS

Quant Time: May 01 15:54:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	410362	46.827	ng	99
46) 1,1'-Biphenyl	9.522	154	1415484	46.854	ng	99
47) 2-Chloronaphthalene	9.551	162	1106172	45.352	ng	99
48) 2-Nitroaniline	9.645	65	337172	50.971	ng	92
49) Acenaphthylene	9.969	152	1792383	50.800	ng	99
50) Dimethylphthalate	9.822	163	1347701	48.496	ng	99
51) 2,6-Dinitrotoluene	9.886	165	310009	48.814	ng	88
52) Acenaphthene	10.145	154	1198684	51.254	ng	98
53) 3-Nitroaniline	10.051	138	175871	26.444	ng	95
54) 2,4-Dinitrophenol	10.163	184	329409	105.561	ng	98
55) Dibenzofuran	10.316	168	1613939	47.422	ng	98
56) 4-Nitrophenol	10.198	139	167221	30.337	ng	98
57) 2,4-Dinitrotoluene	10.292	165	420153	50.639	ng	88
58) Fluorene	10.657	166	1276828	47.140	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.428	232	349955	49.188	ng	99
60) Diethylphthalate	10.522	149	1252353	47.449	ng	99
61) 4-Chlorophenyl-phenyle...	10.645	204	624011	46.757	ng	98
62) 4-Nitroaniline	10.675	138	269578	39.962	ng	96
63) Azobenzene	10.810	77	1213666	47.577	ng	95
65) 4,6-Dinitro-2-methylph...	10.698	198	245294	55.656	ng	91
66) n-Nitrosodiphenylamine	10.769	169	1104983	48.074	ng	100
67) 4-Bromophenyl-phenylether	11.139	248	397898	48.419	ng	97
68) Hexachlorobenzene	11.210	284	428274	47.689	ng	# 93
69) Atrazine	11.292	200	364941	52.072	ng	98
70) Pentachlorophenol	11.398	266	555011	90.018	ng	99
71) Phenanthrene	11.627	178	1825482	48.774	ng	99
72) Anthracene	11.680	178	1857825	49.888	ng	100
73) Carbazole	11.833	167	1673346	46.625	ng	100
74) Di-n-butylphthalate	12.151	149	1895007	48.404	ng	100
75) Fluoranthene	12.821	202	1846395	45.131	ng	100
77) Benzidine	12.939	184	220234	21.905	ng	97
78) Pyrene	13.057	202	1857374	53.887	ng	100
80) Butylbenzylphthalate	13.663	149	657051	60.081	ng	93
81) Benzo(a)anthracene	14.245	228	1365380	49.107	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	257516	30.937	ng	99
83) Chrysene	14.280	228	1277130	49.056	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	874615	63.458	ng	100
85) Di-n-octyl phthalate	14.845	149	1280606	69.040	ng	99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1389325	55.304	ng	99
88) Benzo(b)fluoranthene	15.357	252	1220124	44.381	ng	99
89) Benzo(k)fluoranthene	15.386	252	1213666	45.675	ng	100
90) Benzo(a)pyrene	15.762	252	1132663	50.501	ng	99
91) Dibenzo(a,h)anthracene	17.498	278	1100894	53.838	ng	98
92) Benzo(g,h,i)perylene	17.980	276	1095896	51.124	ng	98

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

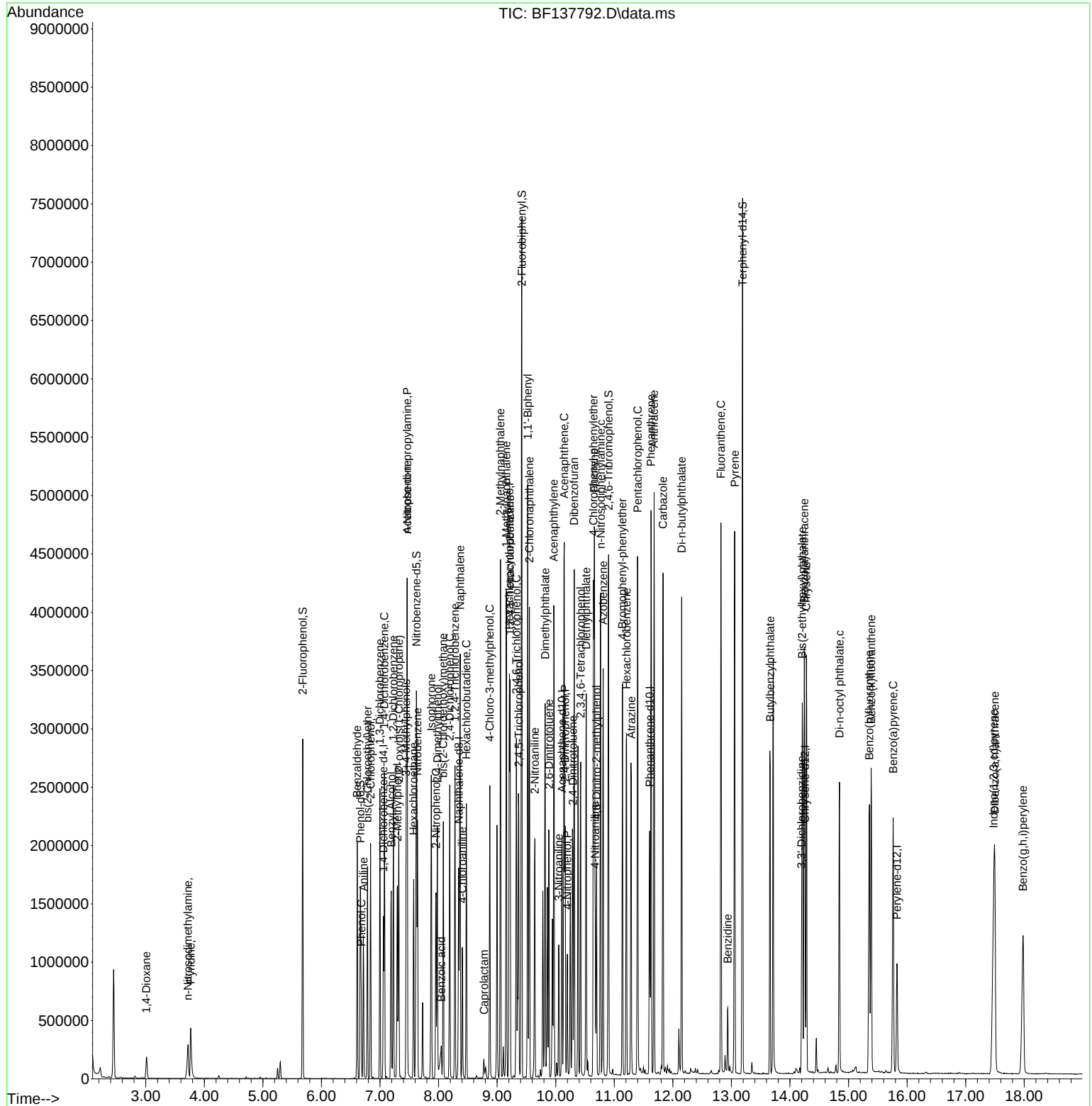
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137792.D
Acq On : 01 May 2024 15:21
Operator : CG\JU
Sample : P2306-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

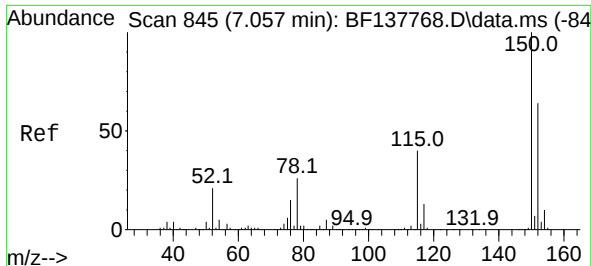
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS

Quant Time: May 01 15:54:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

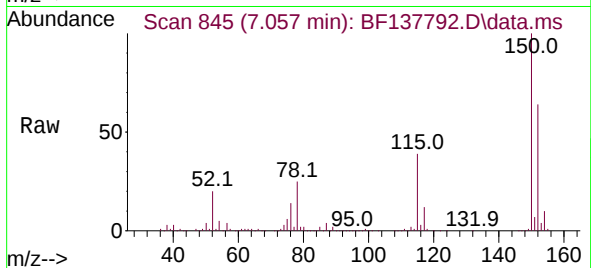
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

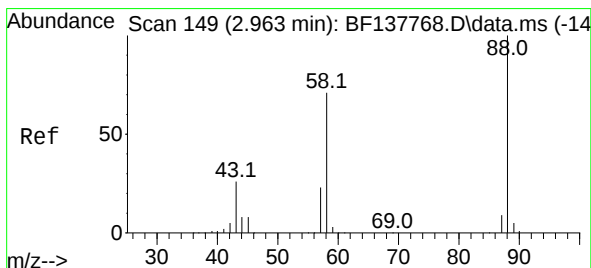
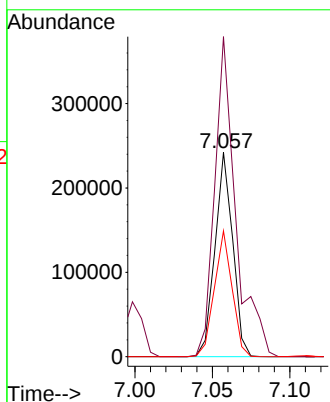
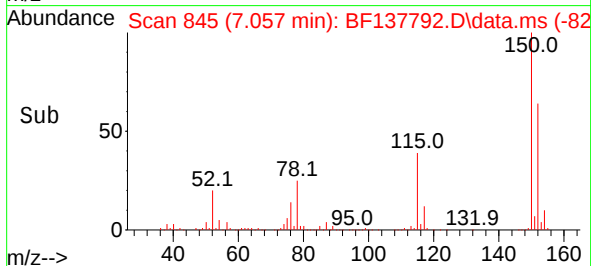
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:152 Resp: 19285
Ion Ratio Lower Upper
152 100
150 156.6 124.1 186.1
115 61.5 49.1 73.7

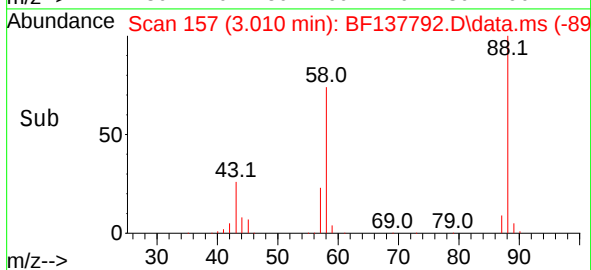
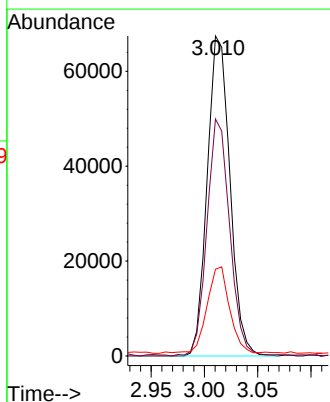
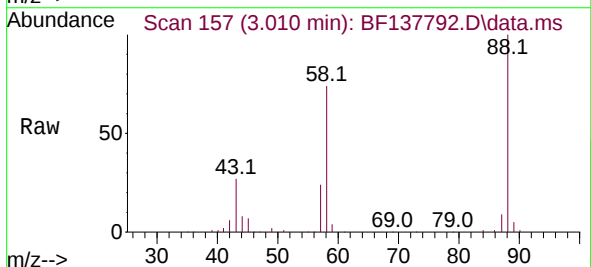
Manual Integrations
APPROVED

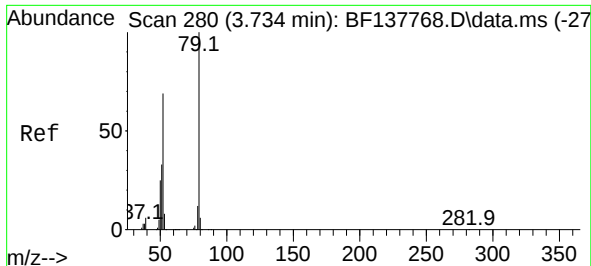
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#2
1,4-Dioxane
Concen: 19.276 ng
RT: 3.010 min Scan# 157
Delta R.T. 0.047 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

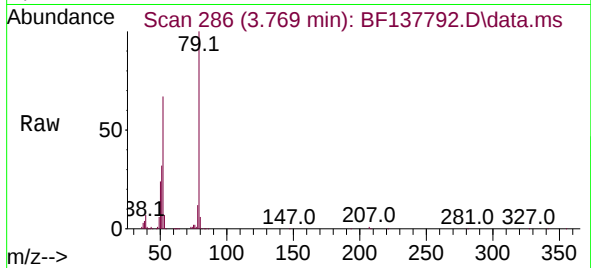
Tgt Ion: 88 Resp: 99984
Ion Ratio Lower Upper
88 100
58 74.5 58.8 88.2
43 27.1 21.4 32.0





#3
Pyridine
Concen: 19.146 ng
RT: 3.769 min Scan# 24035
Delta R.T. 0.035 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

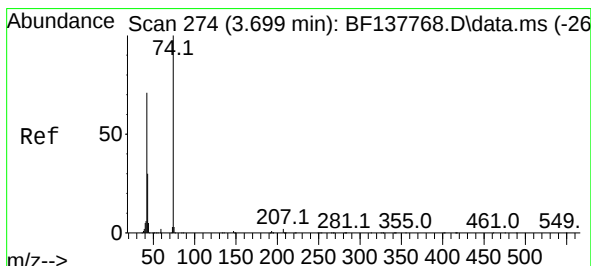
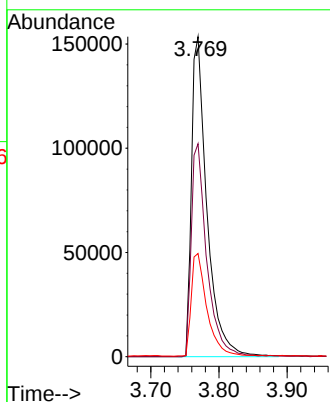
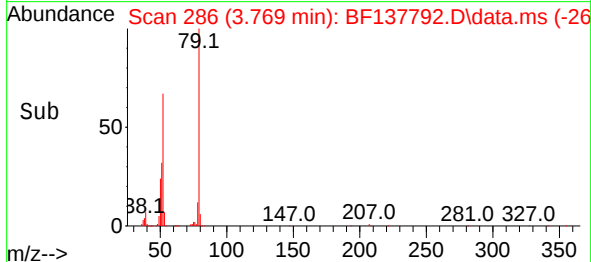
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion: 79 Resp: 24035
Ion Ratio Lower Upper
79 100
52 66.5 55.5 83.3
51 32.3 26.9 40.3

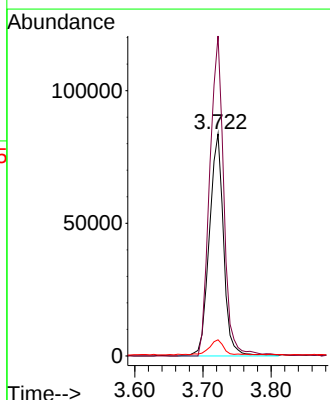
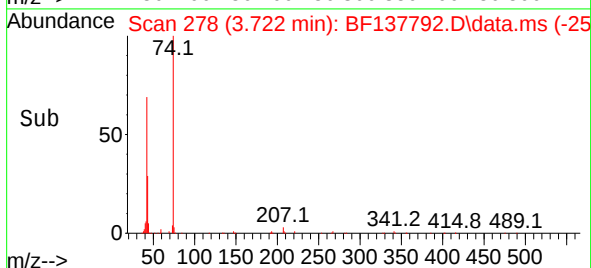
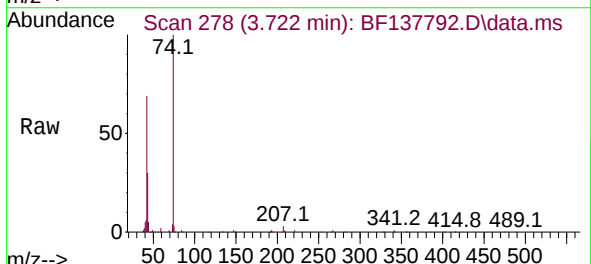
Manual Integrations
APPROVED

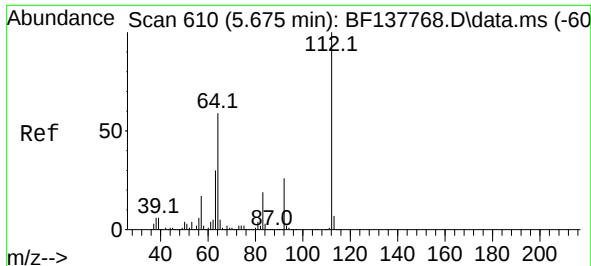
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#4
n-Nitrosodimethylamine
Concen: 21.540 ng
RT: 3.722 min Scan# 278
Delta R.T. 0.024 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

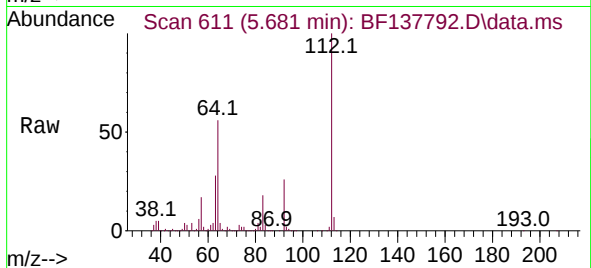
Tgt Ion: 42 Resp: 121766
Ion Ratio Lower Upper
42 100
74 144.1 112.9 169.3
44 7.3 5.6 8.4





#5
2-Fluorophenol
Concen: 65.907 ng
RT: 5.681 min Scan# 610
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

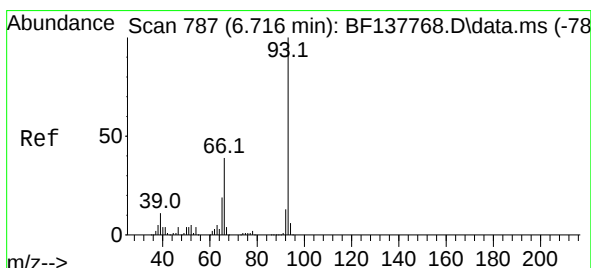
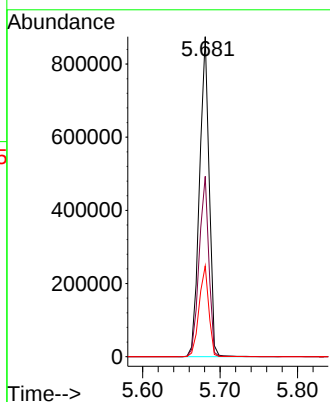
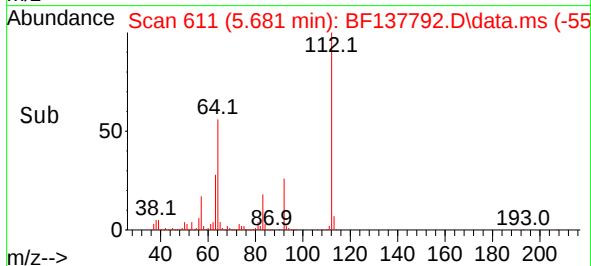
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion: 112 Resp: 759154
Ion Ratio Lower Upper
112 100
64 56.4 47.3 70.9
63 28.4 23.7 35.5

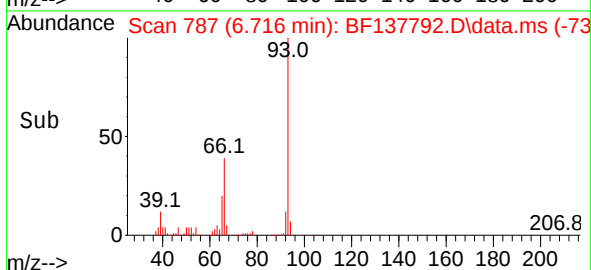
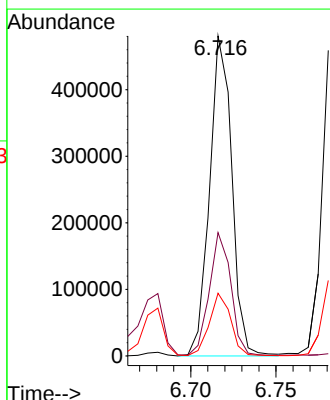
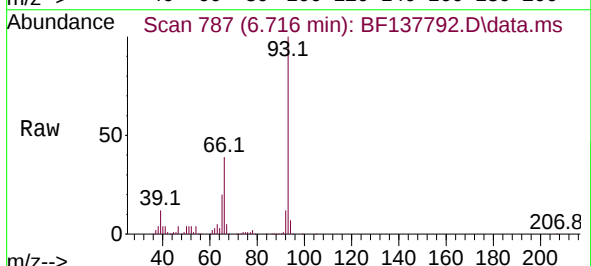
Manual Integrations
APPROVED

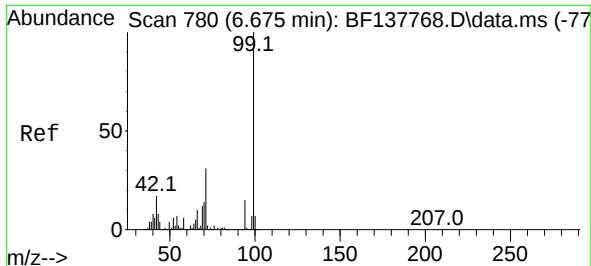
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#6
Aniline
Concen: 30.137 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

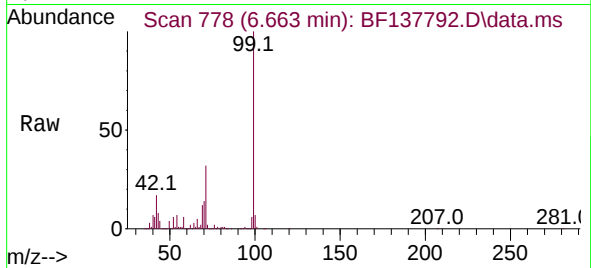
Tgt Ion: 93 Resp: 436413
Ion Ratio Lower Upper
93 100
66 38.5 31.8 47.6
65 19.6 15.4 23.2





#7
Phenol-d6
Concen: 41.299 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

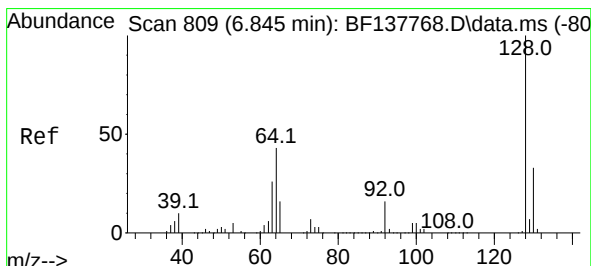
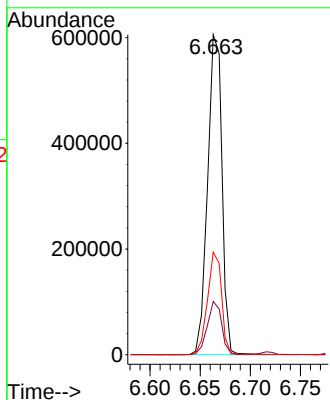
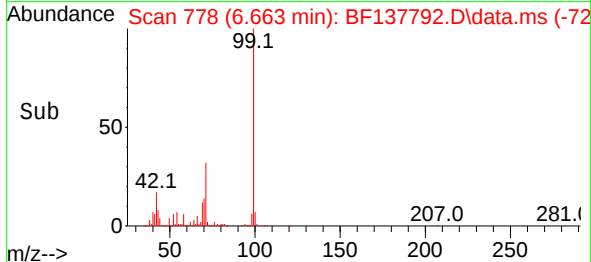
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



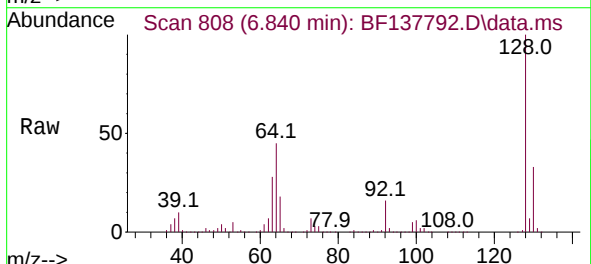
Tgt Ion: 99 Resp: 60339
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 32.0 25.0 37.4

Manual Integrations
APPROVED

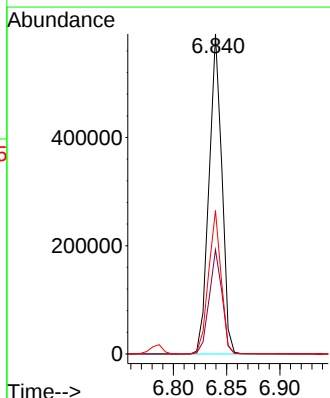
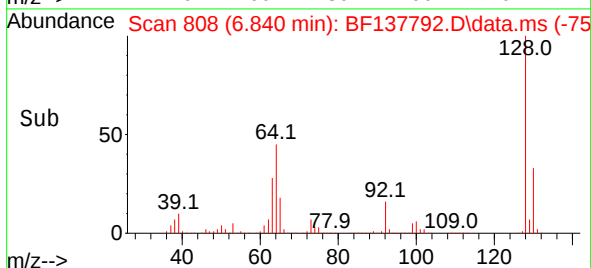
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

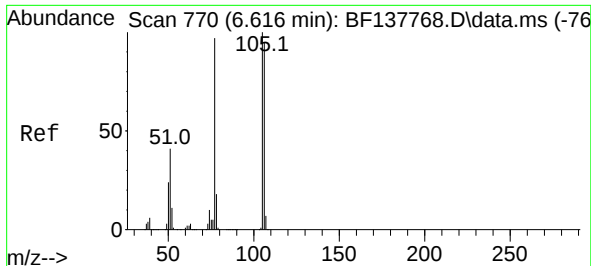


#8
2-Chlorophenol
Concen: 39.495 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21



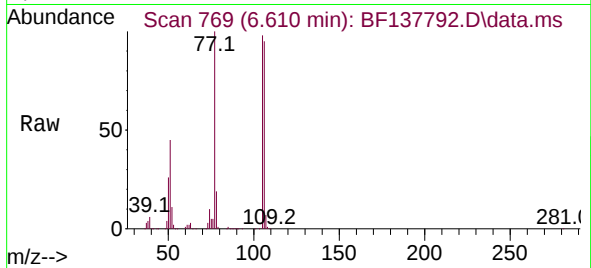
Tgt Ion:128 Resp: 495773
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 44.8 23.9 63.9





#9
Benzaldehyde
Concen: 45.931 ng
RT: 6.610 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

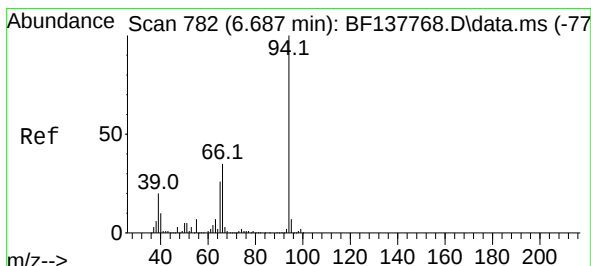
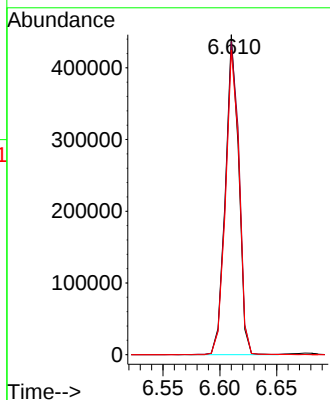
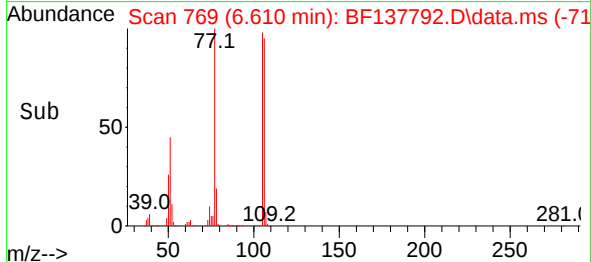
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion: 77 Resp: 361380
Ion Ratio Lower Upper
77 100
105 97.8 83.2 123.2
106 95.1 77.7 117.7

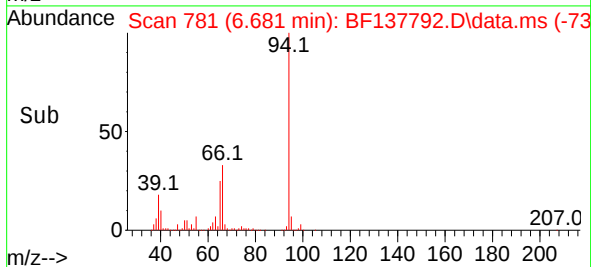
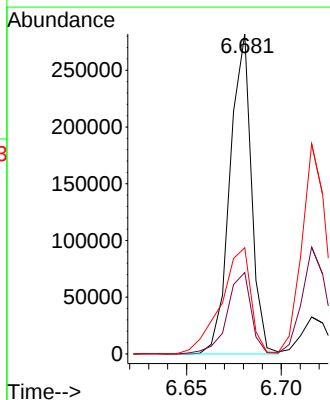
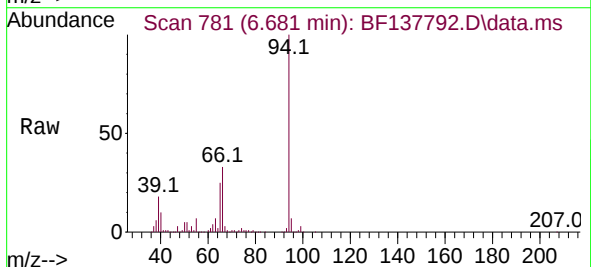
Manual Integrations
APPROVED

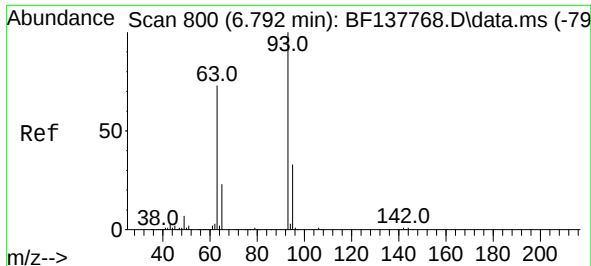
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#10
Phenol
Concen: 14.825 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion: 94 Resp: 221945
Ion Ratio Lower Upper
94 100
65 25.5 6.4 46.4
66 33.2 15.4 55.4





#11
bis(2-Chloroethyl)ether
Concen: 45.709 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

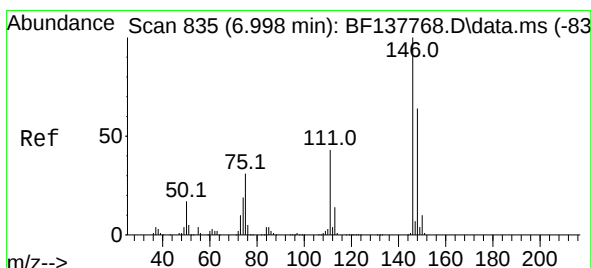
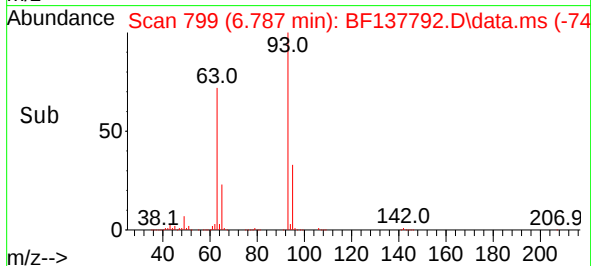
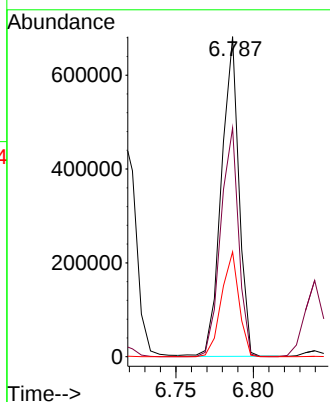
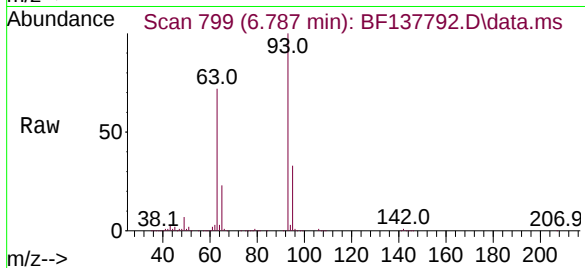
MW-4-20240429MS

Tgt Ion: 93 Resp: 535809
Ion Ratio Lower Upper
93 100
63 71.5 51.6 91.6
95 32.7 12.1 52.1

Manual Integrations

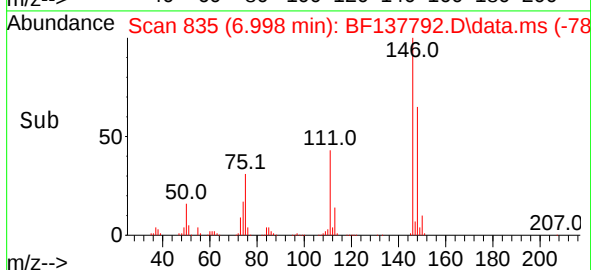
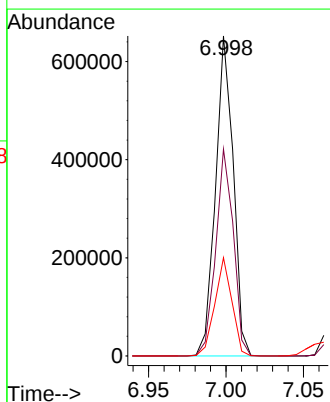
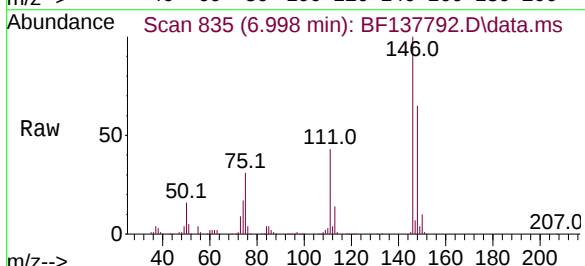
APPROVED

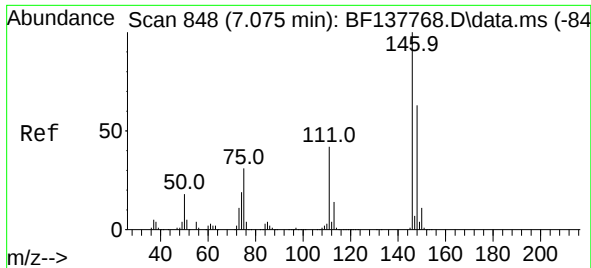
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#12
1,3-Dichlorobenzene
Concen: 36.589 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion:146 Resp: 517928
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 30.7 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 37.150 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS

Tgt Ion:146 Resp: 52767

Ion Ratio Lower Upper

146 100

148 64.7 50.7 76.1

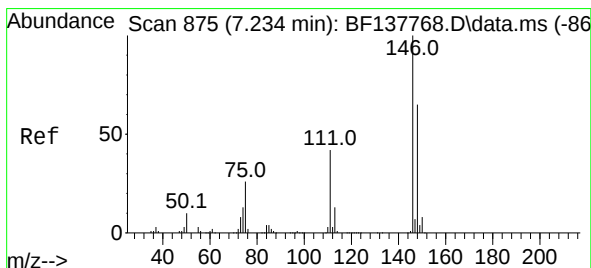
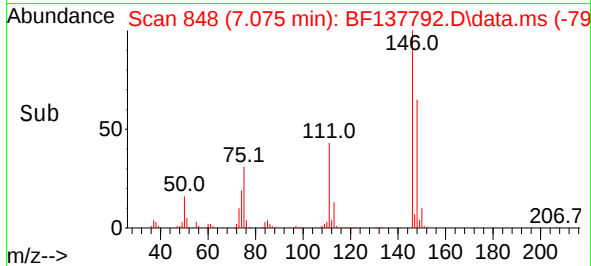
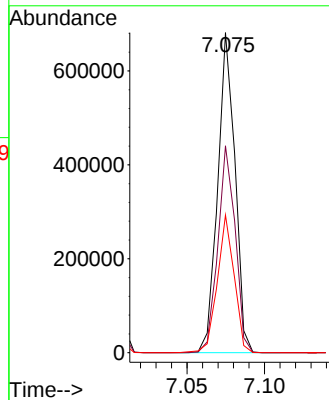
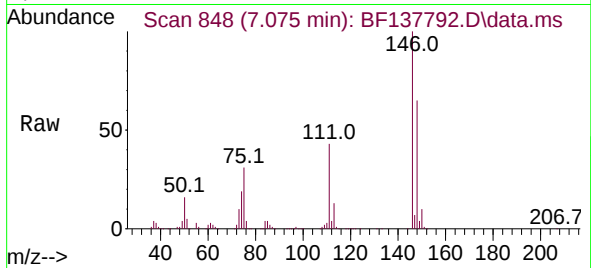
111 43.0 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#14

1,2-Dichlorobenzene

Concen: 39.024 ng

RT: 7.228 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

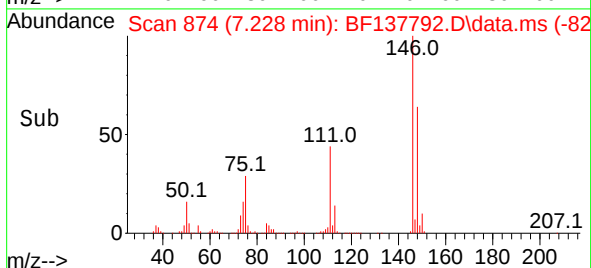
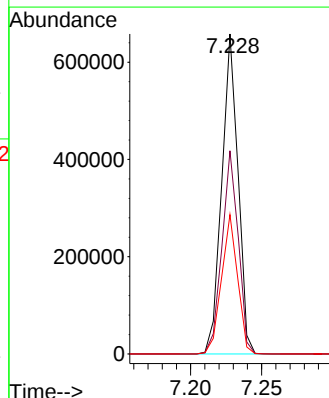
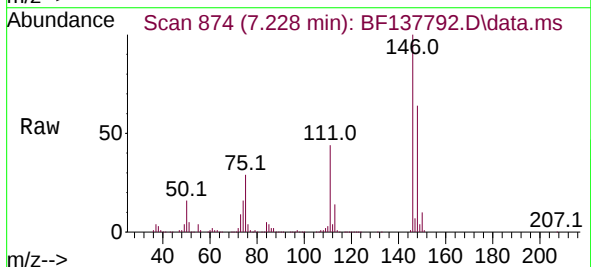
Tgt Ion:146 Resp: 522059

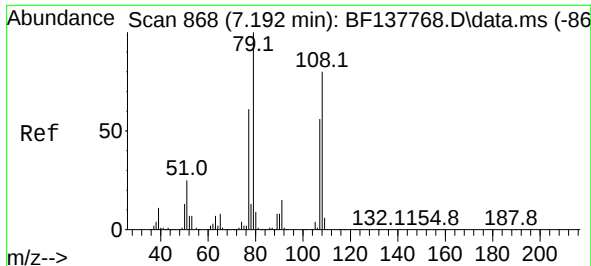
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

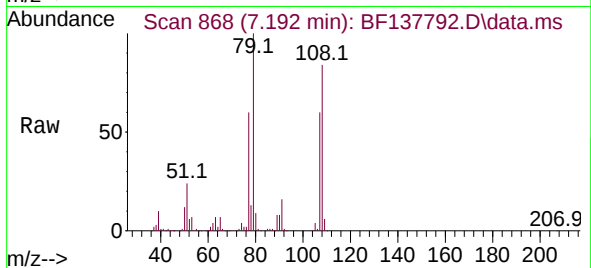
111 43.6 33.6 50.4





#15
Benzyl Alcohol
Concen: 34.710 ng
RT: 7.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

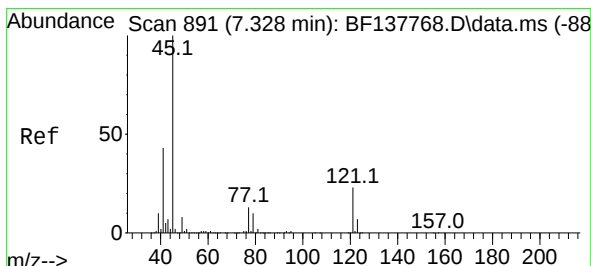
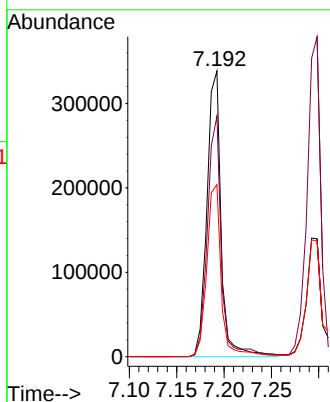
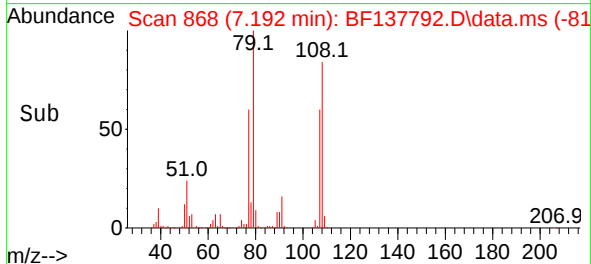
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion: 79 Resp: 350694
Ion Ratio Lower Upper
79 100
108 84.2 64.2 96.2
77 60.2 48.5 72.7

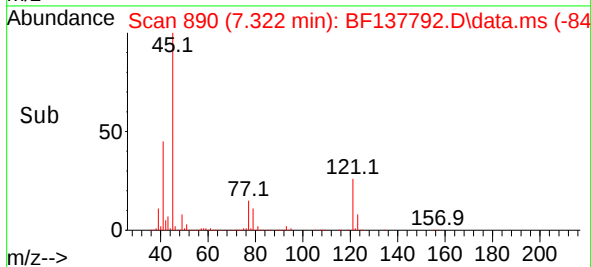
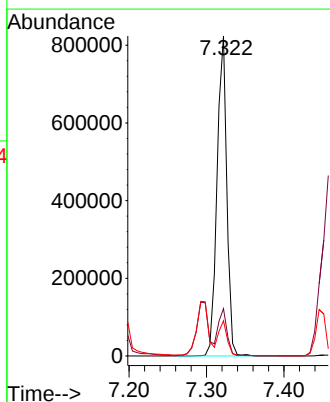
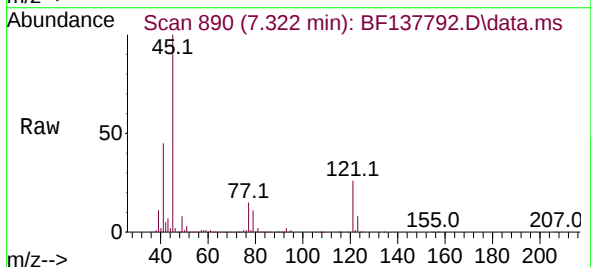
Manual Integrations
APPROVED

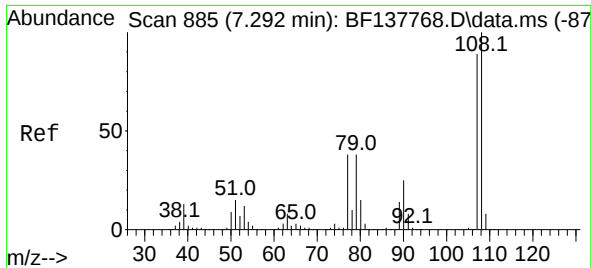
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.743 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

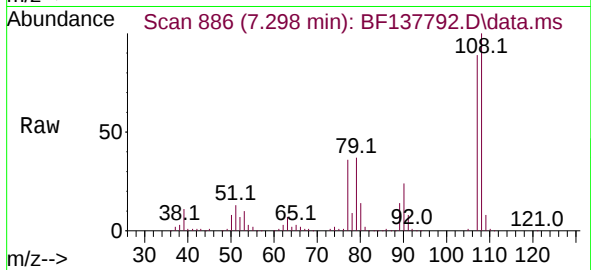
Tgt Ion: 45 Resp: 720733
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.8
79 11.0 0.0 31.0





#17
2-Methylphenol
Concen: 33.026 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

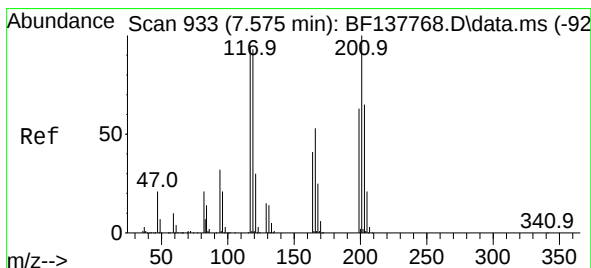
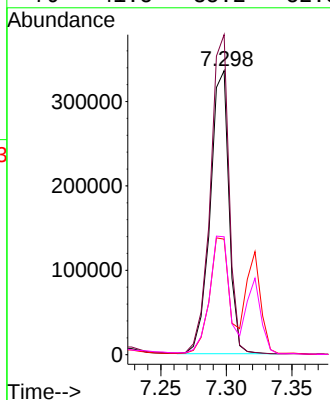
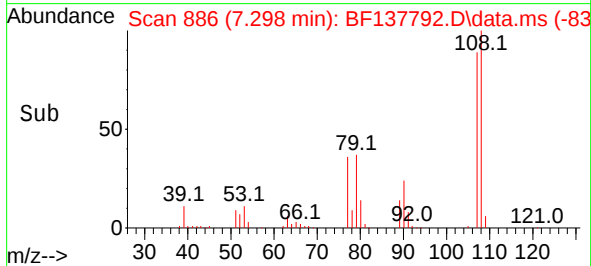
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:107 Resp: 334519
Ion Ratio Lower Upper
107 100
108 112.6 90.5 135.7
77 40.6 34.5 51.7
79 41.5 35.2 52.8

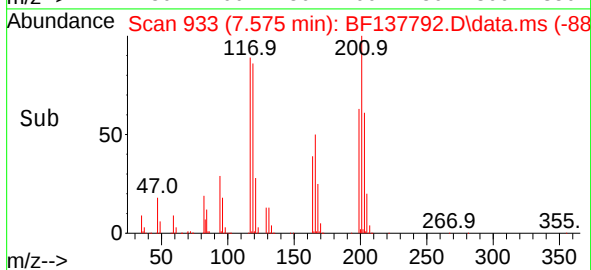
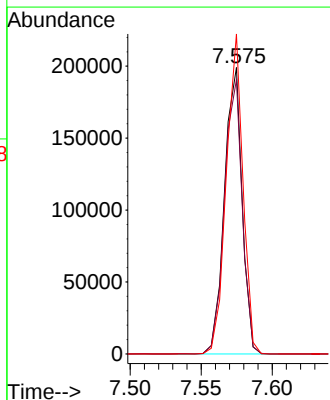
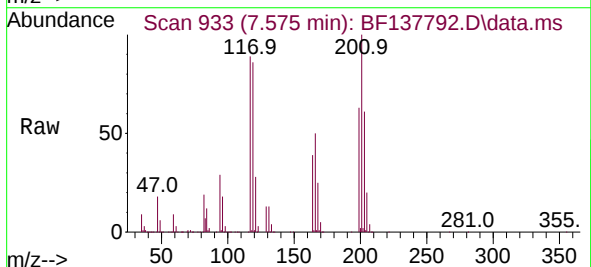
Manual Integrations
APPROVED

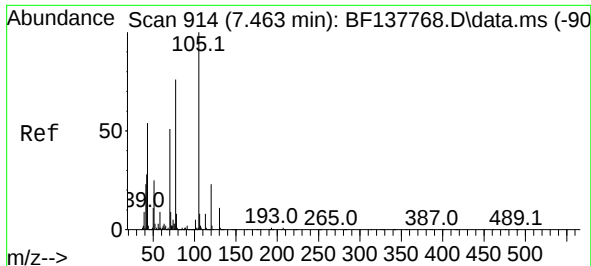
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#18
Hexachloroethane
Concen: 35.737 ng
RT: 7.575 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

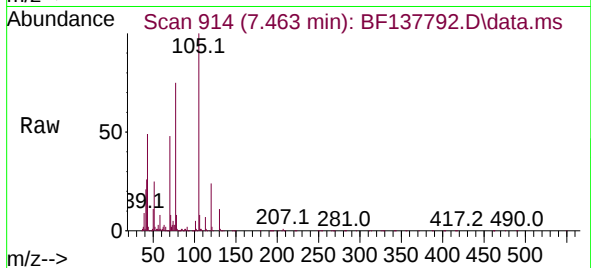
Tgt Ion:117 Resp: 171598
Ion Ratio Lower Upper
117 100
119 95.8 77.6 116.4
201 111.7 83.8 125.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.349 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

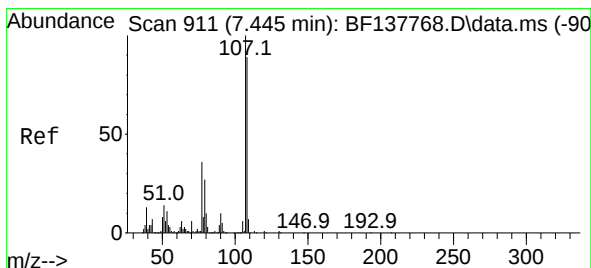
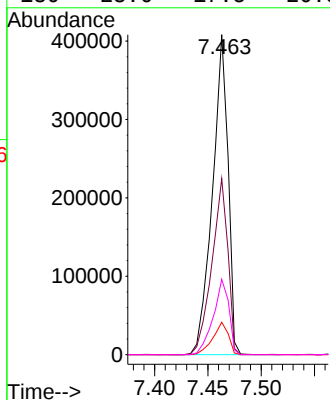
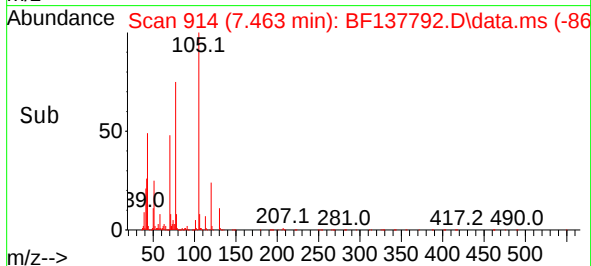
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



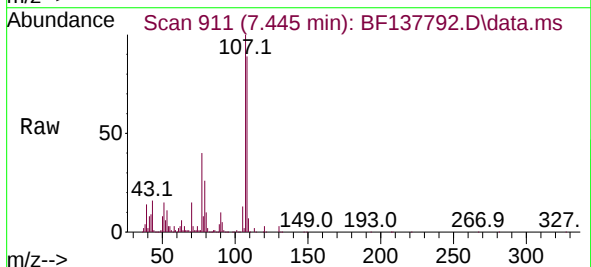
Tgt Ion: 70 Resp: 413414
Ion Ratio Lower Upper
70 100
42 55.1 44.6 66.8
101 10.2 7.8 11.6
130 23.6 17.5 26.3

Manual Integrations
APPROVED

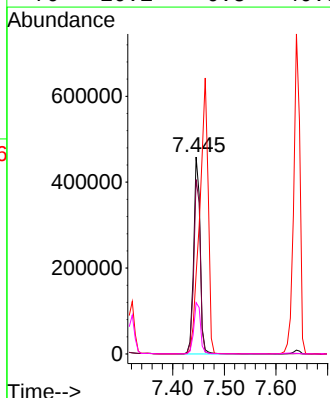
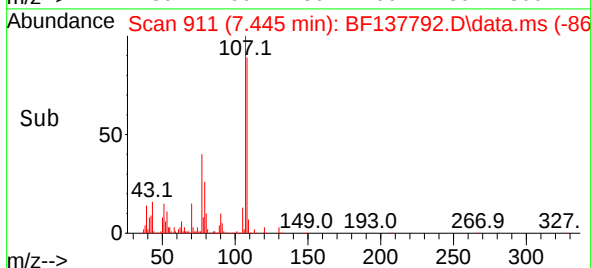
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

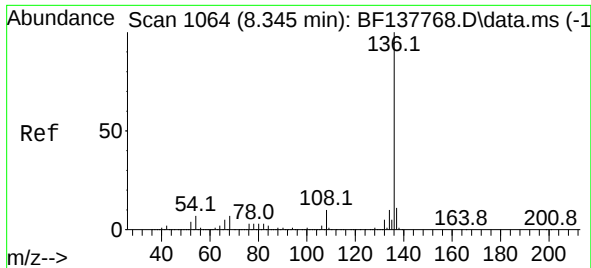


#20
3+4-Methylphenols
Concen: 29.727 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21



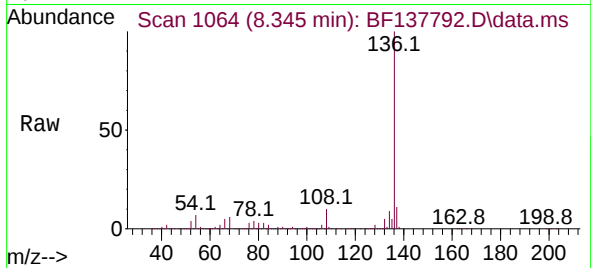
Tgt Ion:107 Resp: 396144
Ion Ratio Lower Upper
107 100
108 88.5 69.3 109.3
77 40.5 15.7 55.7
79 26.1 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

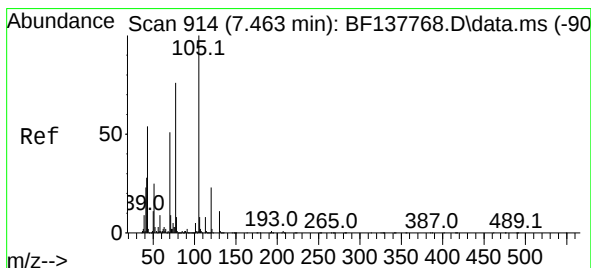
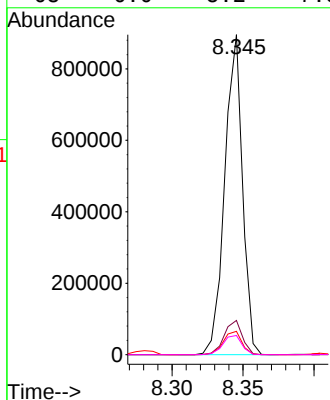
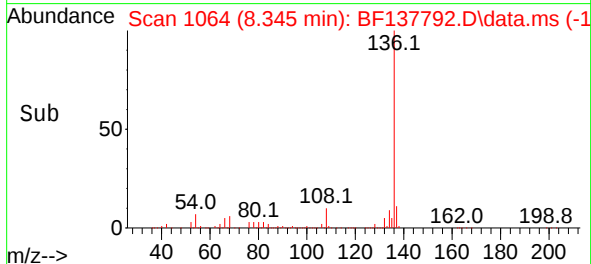
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:136 Resp: 775329
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.3 5.8 8.8
68 6.0 5.2 7.8

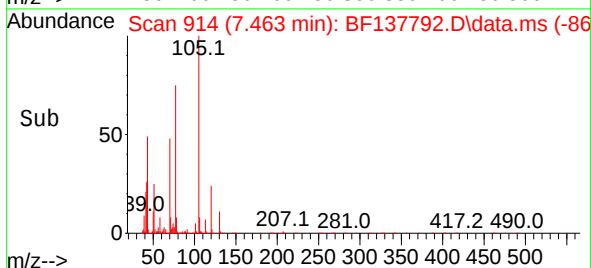
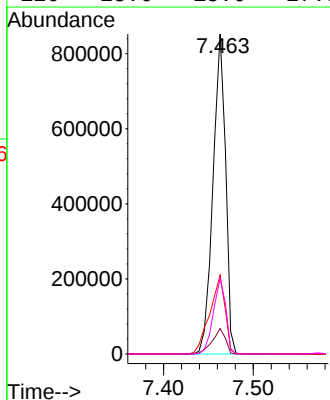
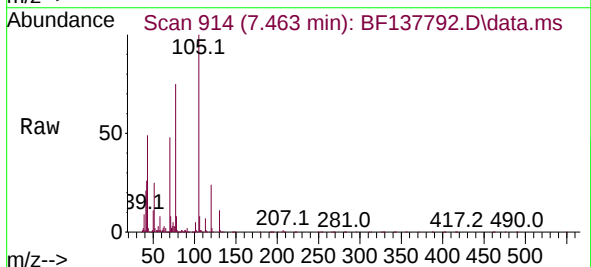
Manual Integrations
APPROVED

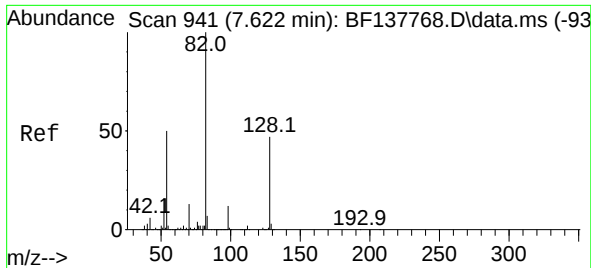
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#22
Acetophenone
Concen: 47.564 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion:105 Resp: 829393
Ion Ratio Lower Upper
105 100
71 8.0 6.9 10.3
51 24.6 20.2 30.2
120 23.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 93.902 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS

Tgt Ion: 82 Resp: 125313

Ion Ratio Lower Upper

82 100

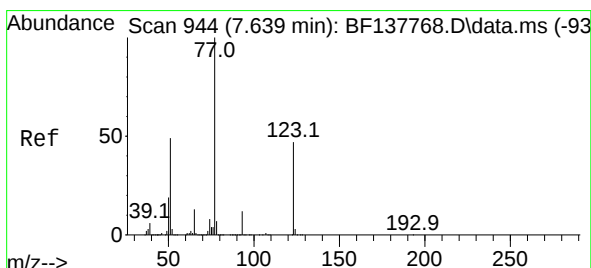
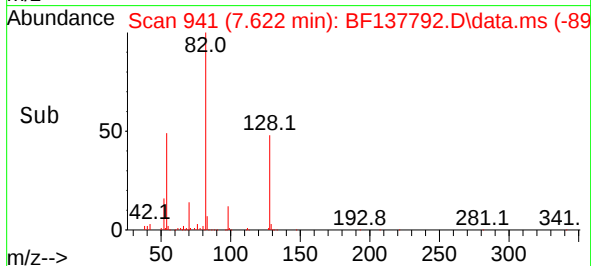
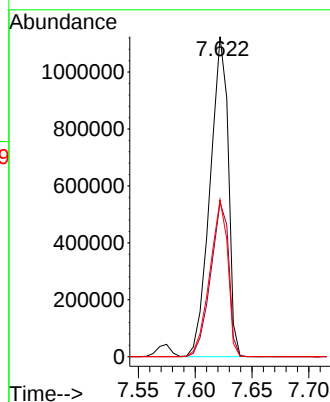
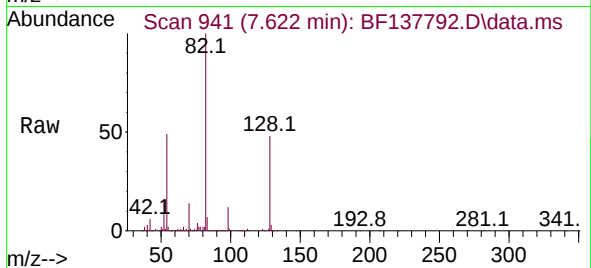
128 48.2 37.5 56.3

54 49.0 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#24

Nitrobenzene

Concen: 45.185 ng

RT: 7.639 min Scan# 944

Delta R.T. -0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

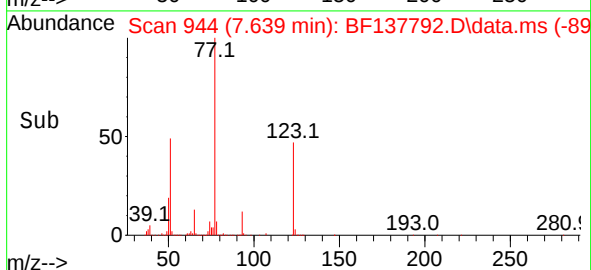
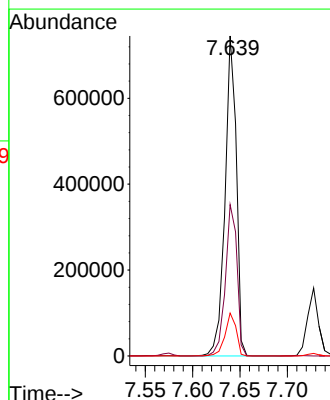
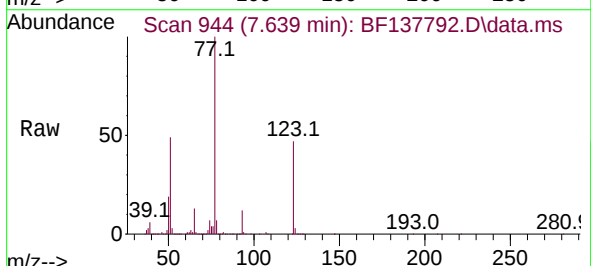
Tgt Ion: 77 Resp: 621489

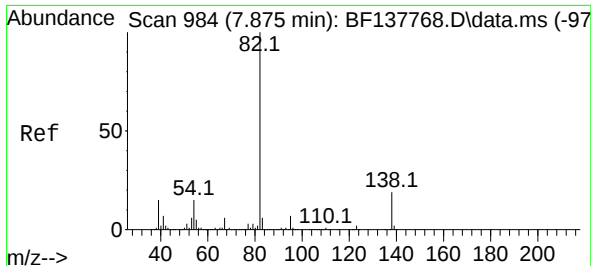
Ion Ratio Lower Upper

77 100

123 47.3 37.4 56.2

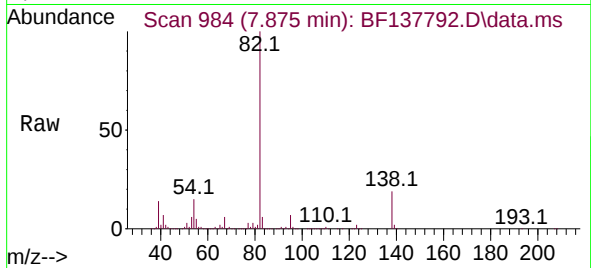
65 13.4 10.7 16.1





#25
Isophorone
Concen: 47.141 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

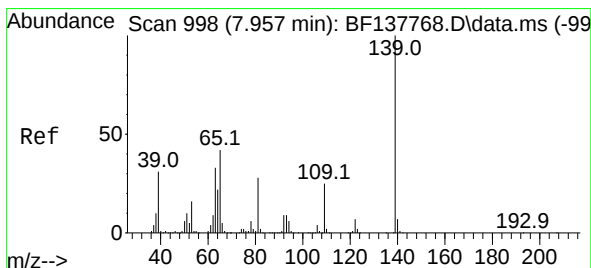
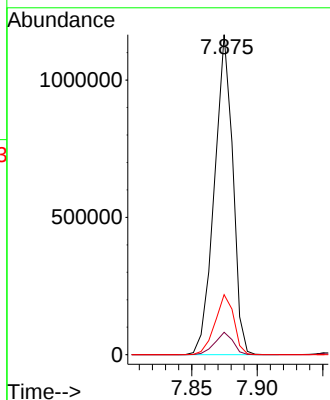
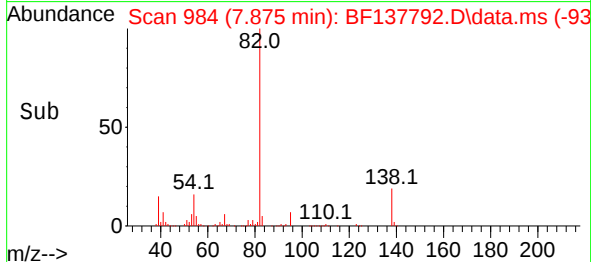
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion: 82 Resp: 113426
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.8 15.0 22.6

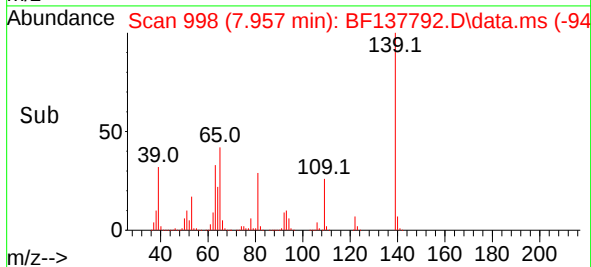
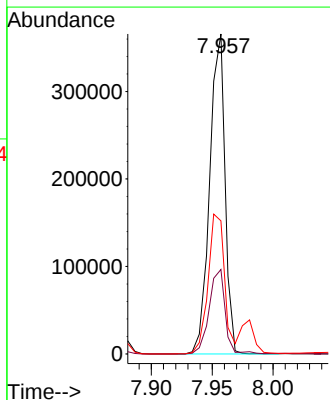
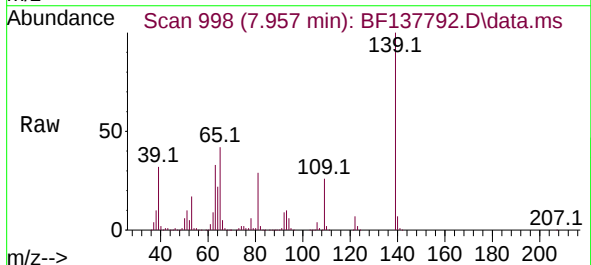
Manual Integrations
APPROVED

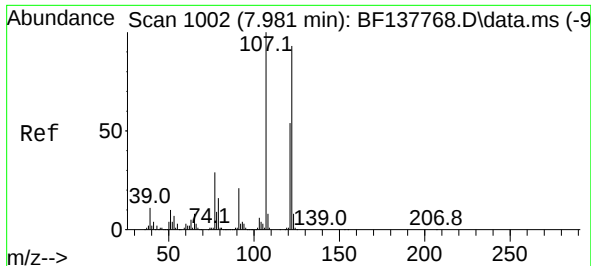
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#26
2-Nitrophenol
Concen: 51.555 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

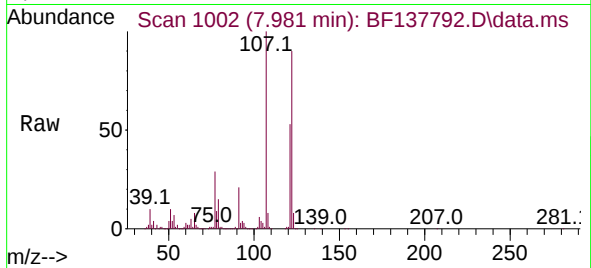
Tgt Ion:139 Resp: 321111
Ion Ratio Lower Upper
139 100
109 26.4 20.2 30.2
65 41.6 33.4 50.0





#27
2,4-Dimethylphenol
Concen: 44.639 ng
RT: 7.981 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

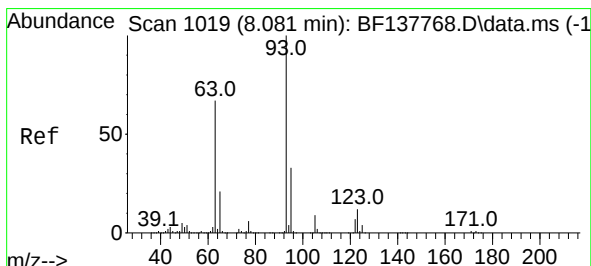
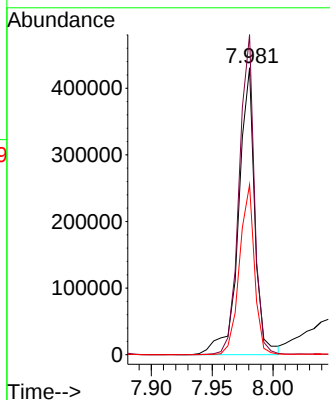
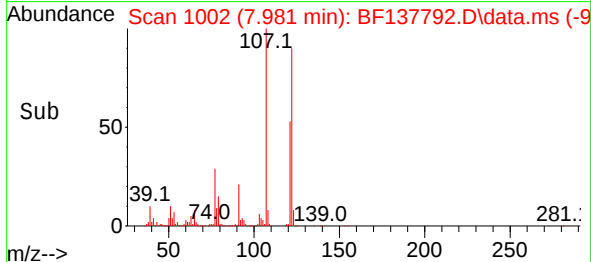
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:122 Resp: 40027
Ion Ratio Lower Upper
122 100
107 111.5 85.8 128.8
121 59.2 46.6 69.8

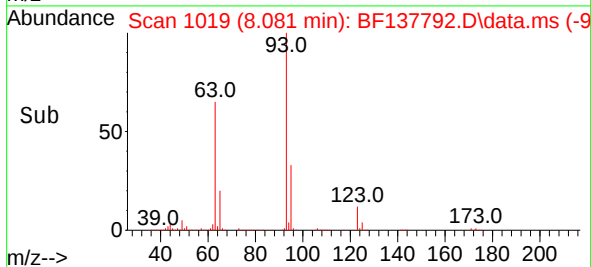
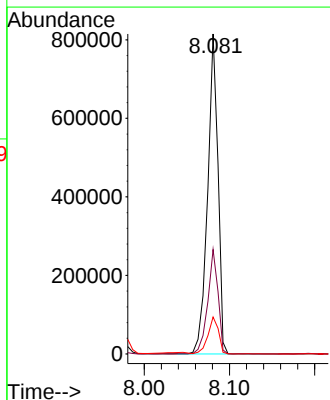
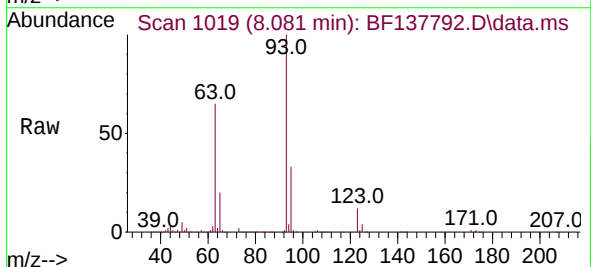
Manual Integrations
APPROVED

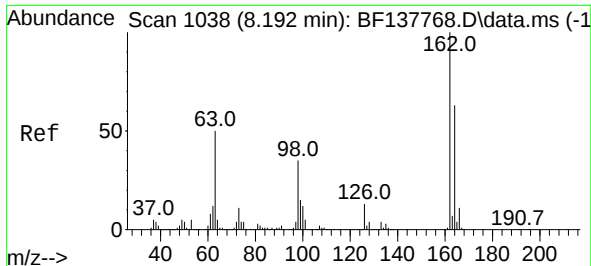
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.161 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion: 93 Resp: 687066
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.038 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

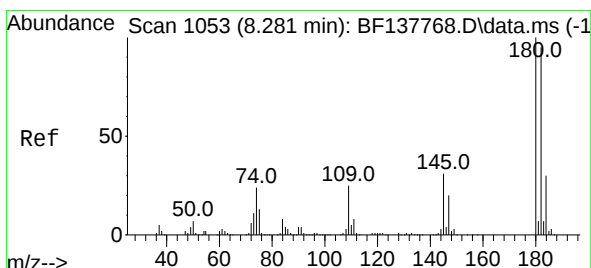
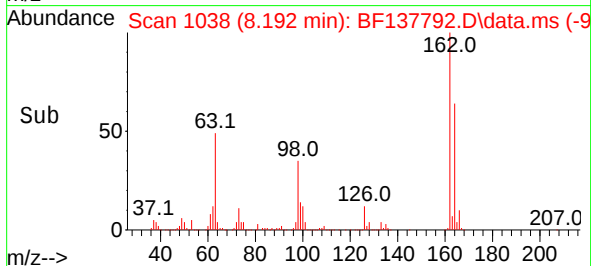
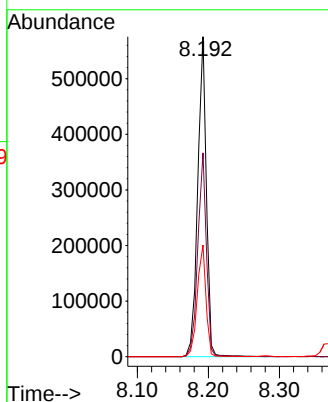
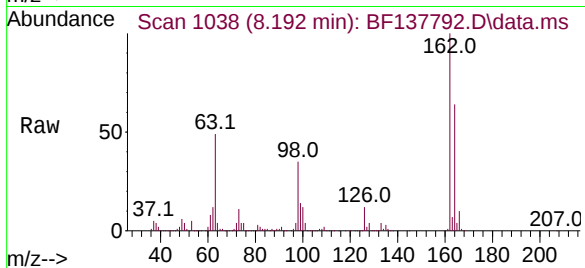
MW-4-20240429MS

Tgt Ion:162 Resp: 488133
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.5 83.5
 98 34.9 15.1 55.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.658 ng

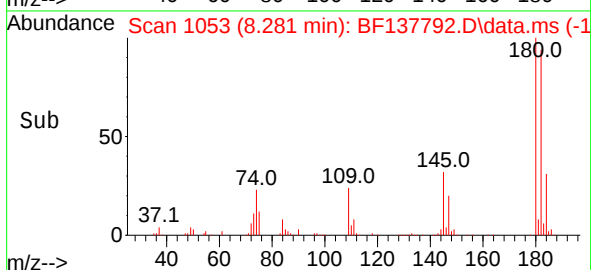
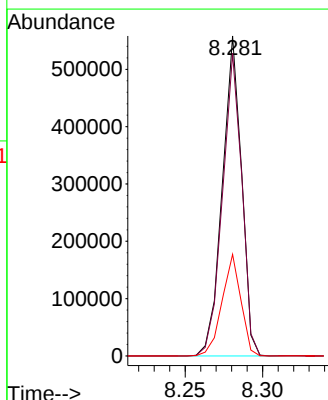
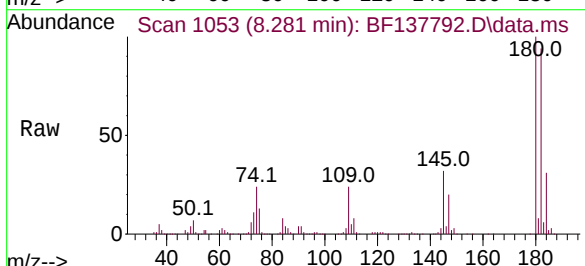
RT: 8.281 min Scan# 1053

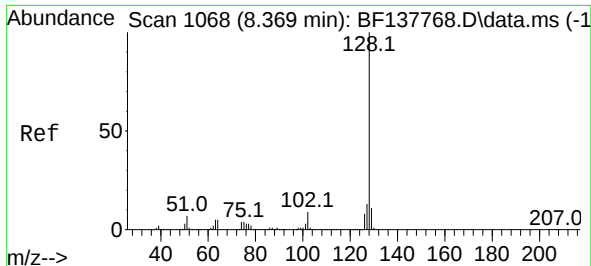
Delta R.T. -0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

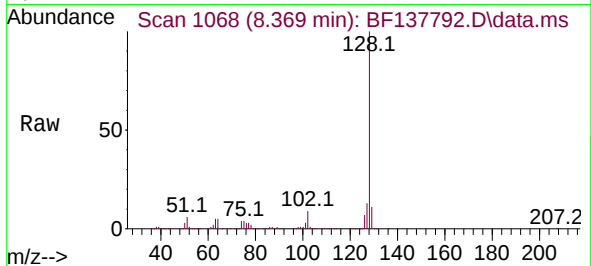
Tgt Ion:180 Resp: 480382
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.2 114.2
 145 31.7 25.1 37.7





#31
Naphthalene
Concen: 43.029 ng
RT: 8.369 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

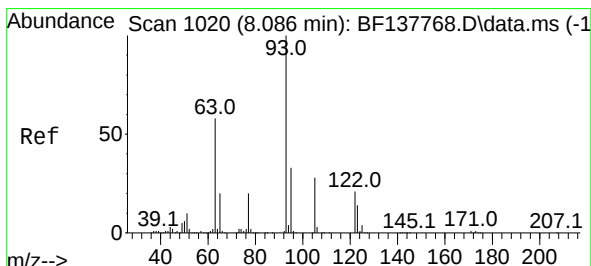
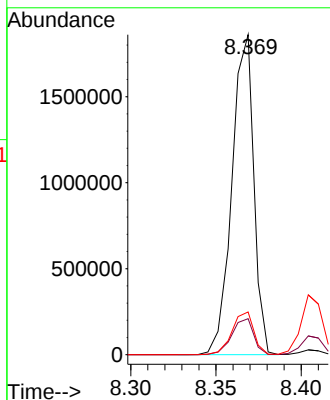
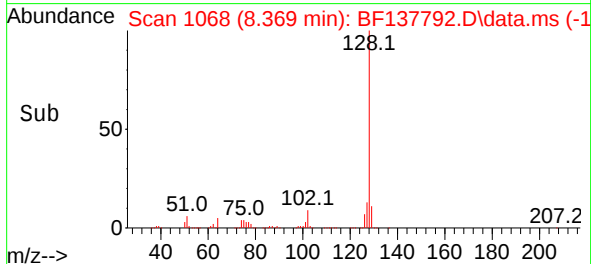
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:128 Resp: 165794
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.6 16.0

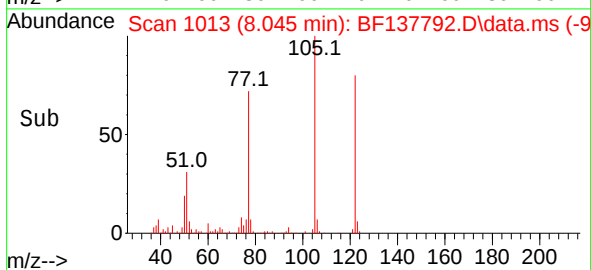
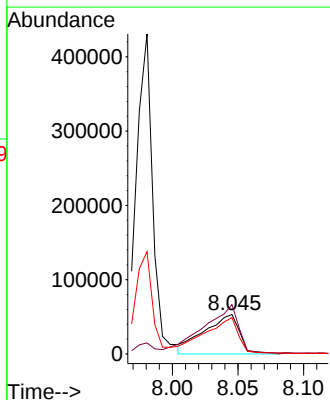
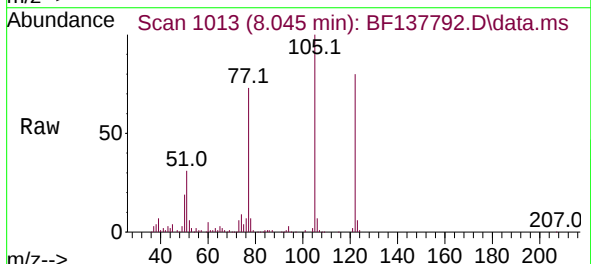
Manual Integrations
APPROVED

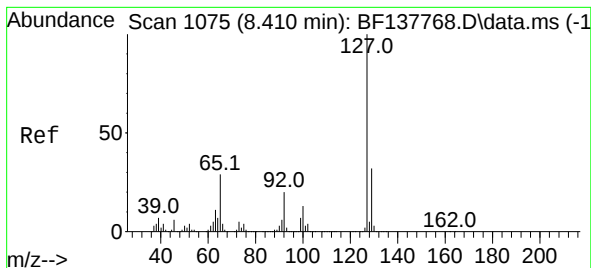
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#32
Benzoic acid
Concen: 12.960 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.041 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion:122 Resp: 100256
Ion Ratio Lower Upper
122 100
105 125.5 105.3 145.3
77 91.9 73.2 113.2





#33

4-Chloroaniline

Concen: 21.512 ng

RT: 8.404 min Scan# 1074

Delta R.T. -0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS

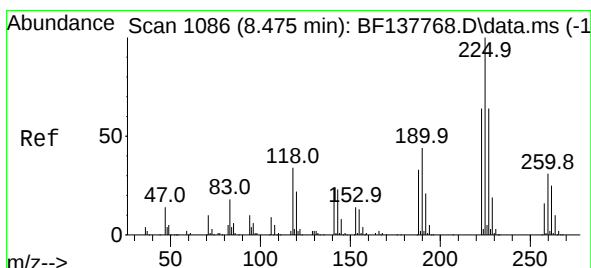
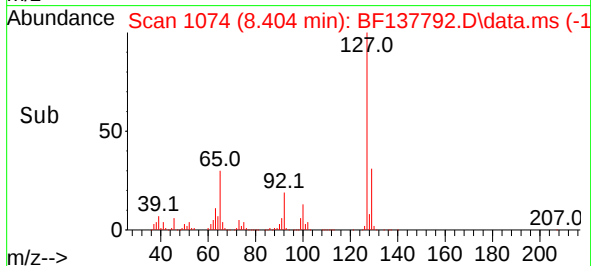
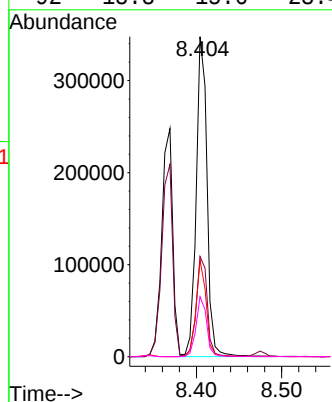
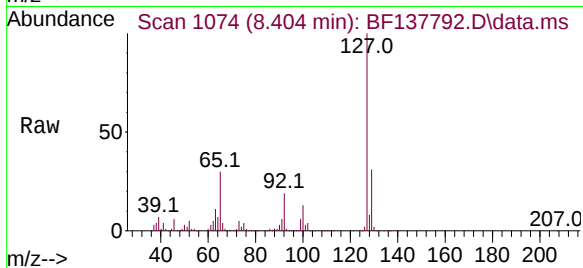
Tgt Ion:127 Resp: 30736

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.7	38.5
65	30.1	23.4	35.2
92	18.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#34

Hexachlorobutadiene

Concen: 36.632 ng

RT: 8.475 min Scan# 1086

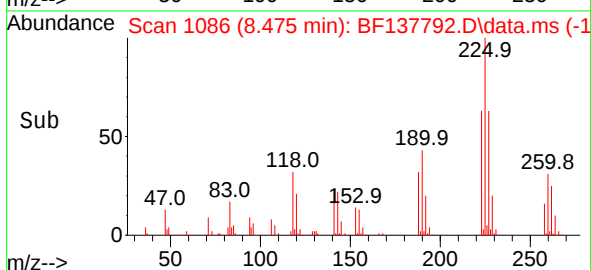
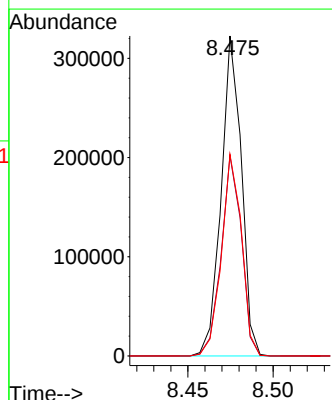
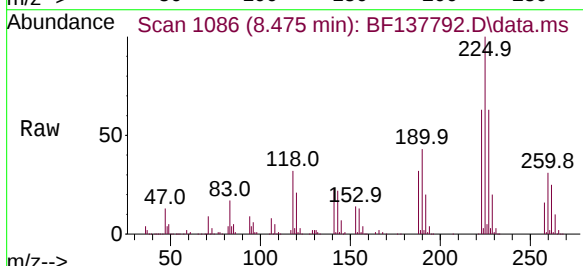
Delta R.T. -0.000 min

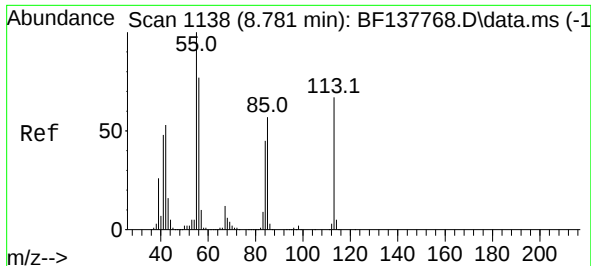
Lab File: BF137792.D

Acq: 01 May 2024 15:21

Tgt Ion:225 Resp: 265729

Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	63.0	51.4	77.0





#35

Caprolactam

Concen: 9.513 ng m

RT: 8.775 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS

Tgt Ion:113 Resp: 3266

Ion Ratio Lower Upper

113 100

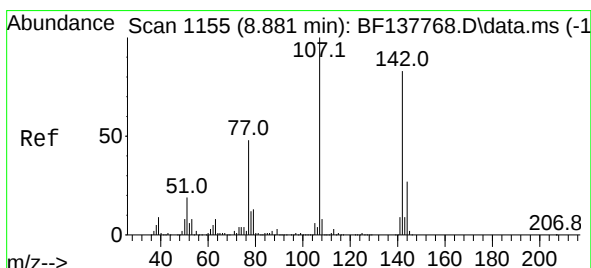
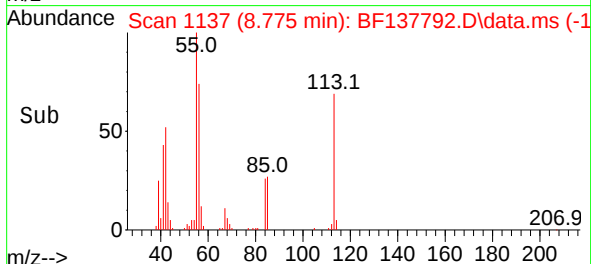
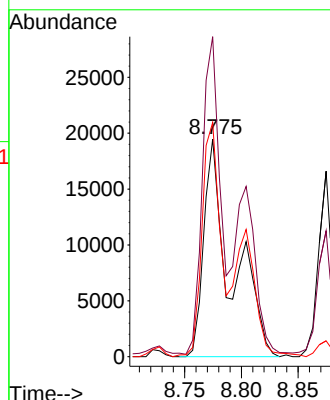
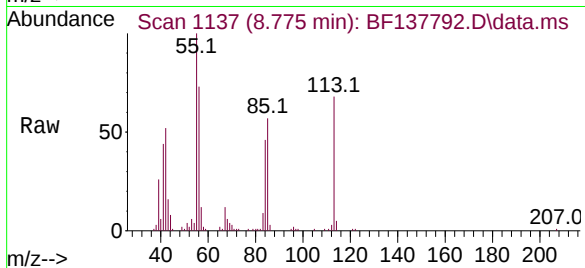
55 147.1 128.7 168.7

56 107.6 93.9 133.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#36

4-Chloro-3-methylphenol

Concen: 41.965 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

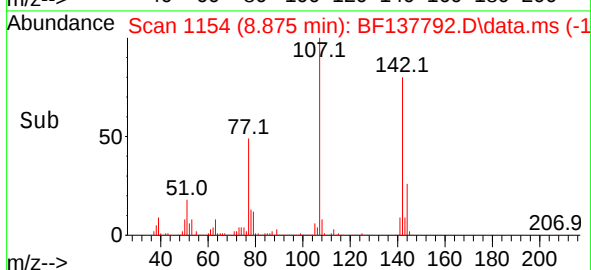
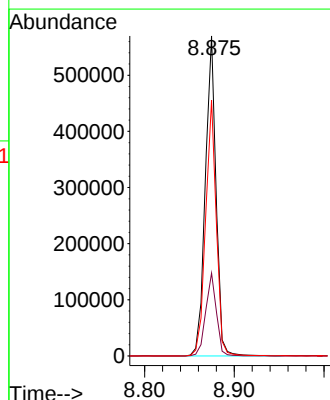
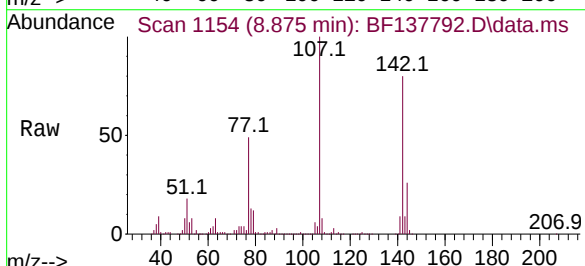
Tgt Ion:107 Resp: 474309

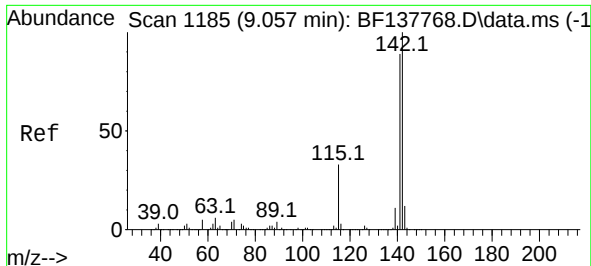
Ion Ratio Lower Upper

107 100

144 25.9 21.4 32.0

142 79.9 66.2 99.2





#37

2-Methylnaphthalene

Concen: 45.350 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS

Tgt Ion:142 Resp: 1131079

Ion Ratio Lower Upper

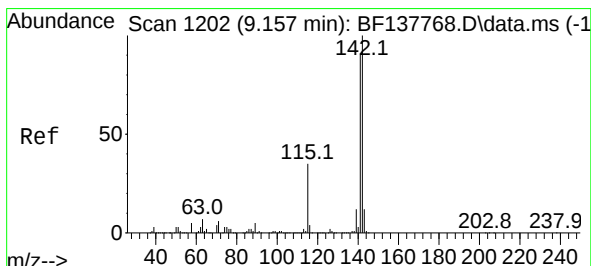
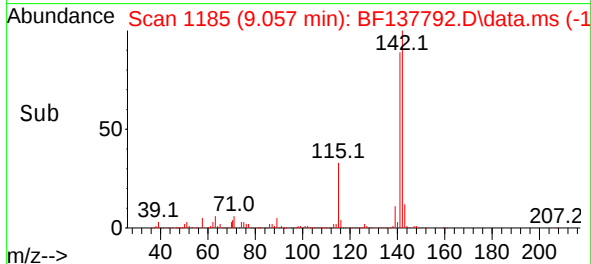
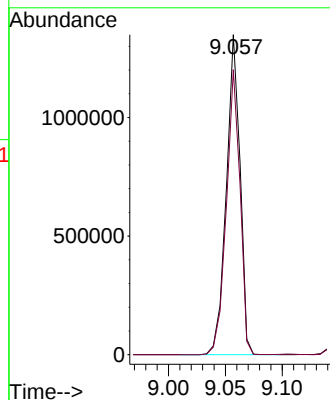
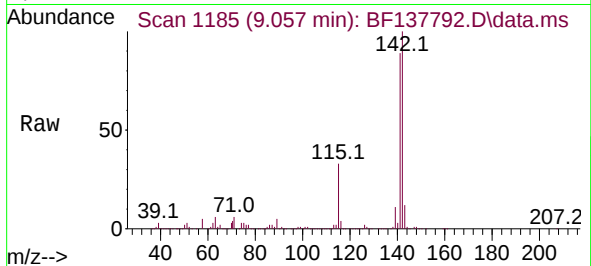
142 100

141 89.0 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#38

1-Methylnaphthalene

Concen: 43.383 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137792.D

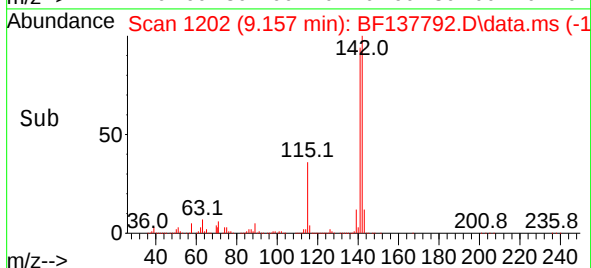
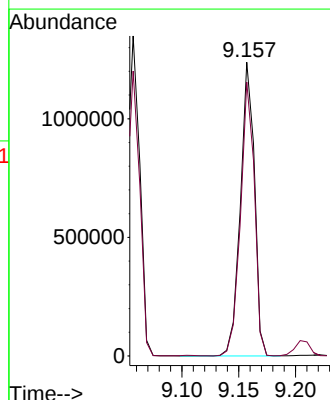
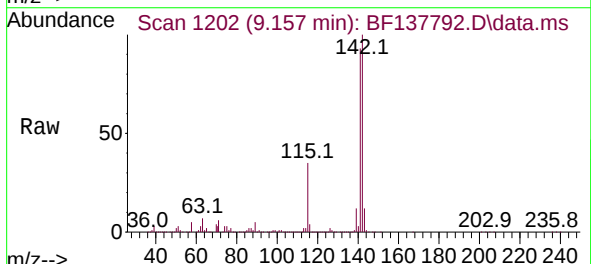
Acq: 01 May 2024 15:21

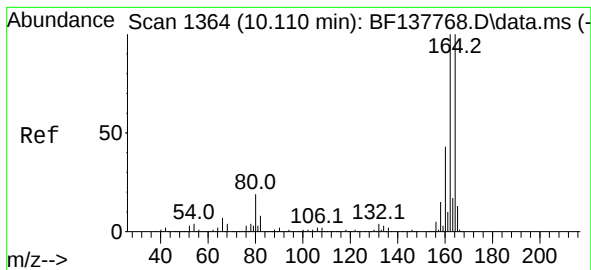
Tgt Ion:142 Resp: 1064514

Ion Ratio Lower Upper

142 100

141 93.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.000 min

Lab File: BF137792.D

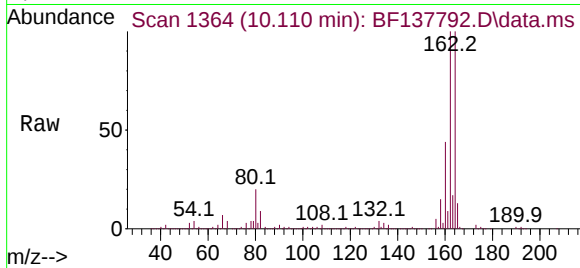
Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS



Tgt Ion:164 Resp: 440209

Ion Ratio Lower Upper

164 100

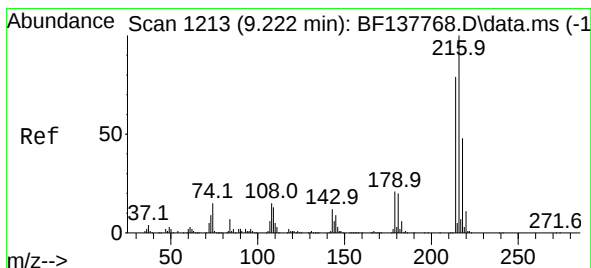
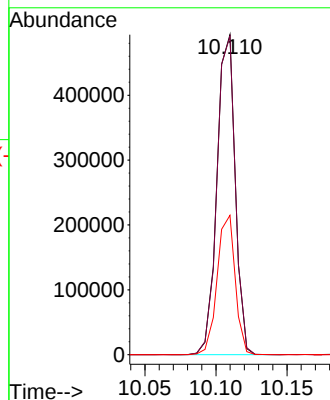
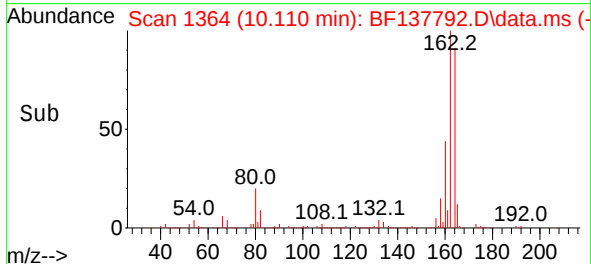
162 99.5 79.8 119.6

160 43.5 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.193 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Tgt Ion:216 Resp: 538568

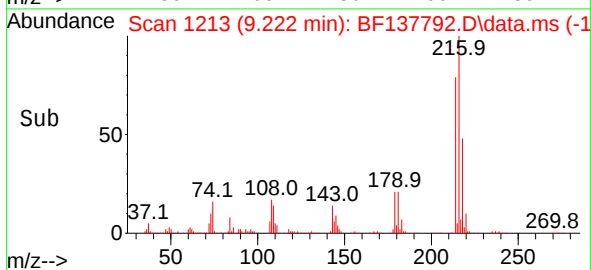
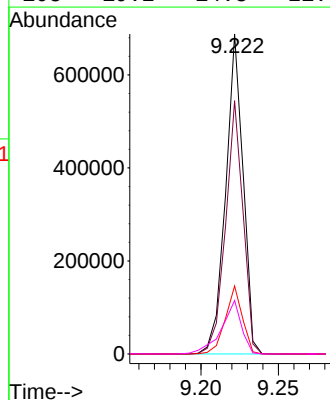
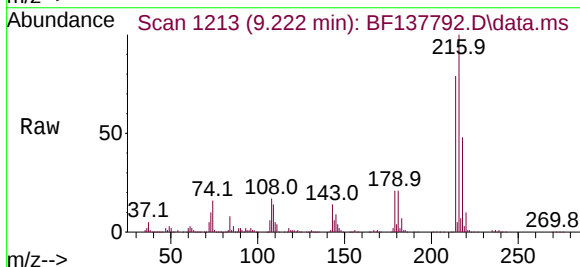
Ion Ratio Lower Upper

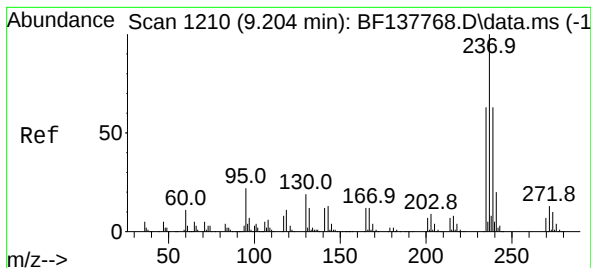
216 100

214 79.1 63.3 94.9

179 20.8 16.8 25.2

108 19.2 14.3 21.5





#41

Hexachlorocyclopentadiene

Concen: 114.549 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS

Tgt Ion:237 Resp: 542469

Ion Ratio Lower Upper

237 100

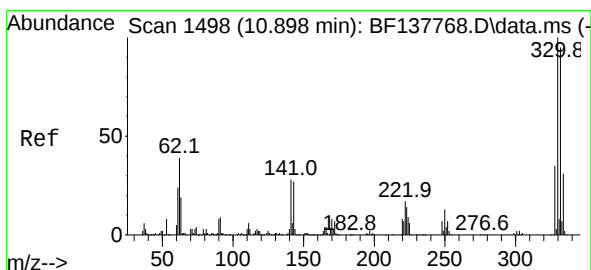
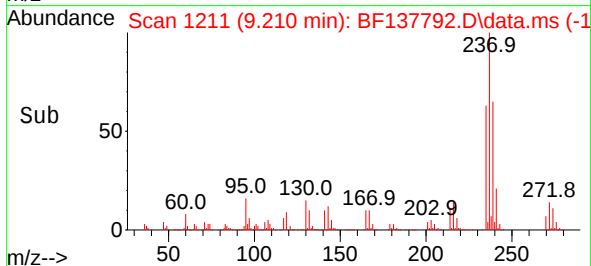
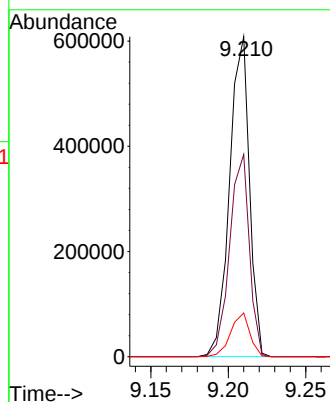
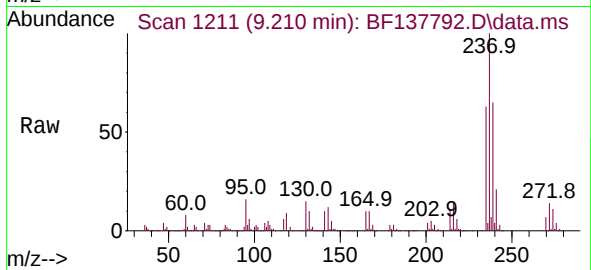
235 63.2 43.0 83.0

272 13.6 0.0 32.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#42

2,4,6-Tribromophenol

Concen: 138.895 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

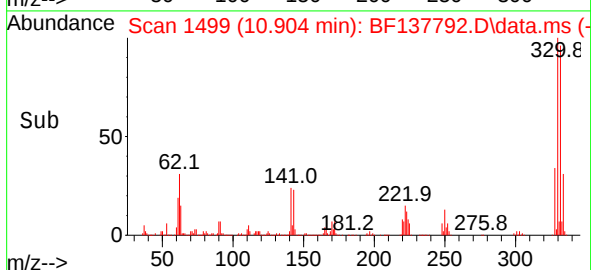
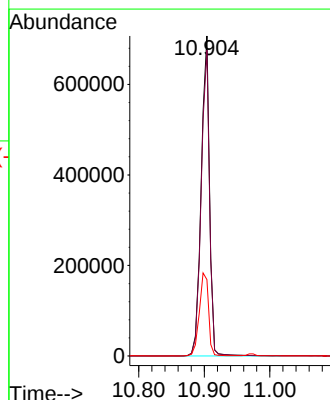
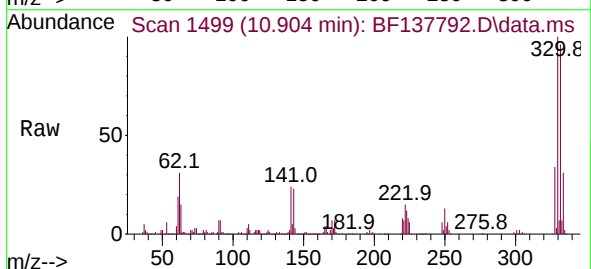
Tgt Ion:330 Resp: 624284

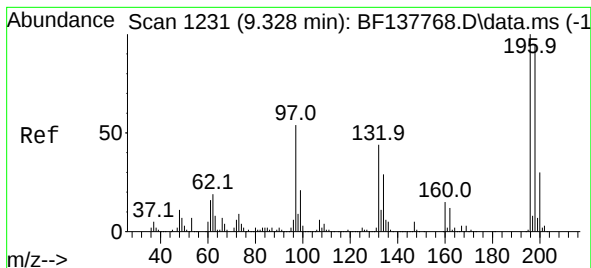
Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

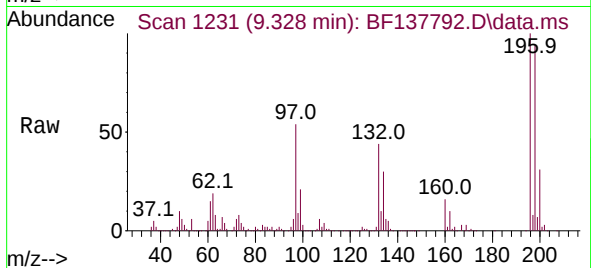
141 28.8 23.8 35.6





#43
2,4,6-Trichlorophenol
Concen: 48.306 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

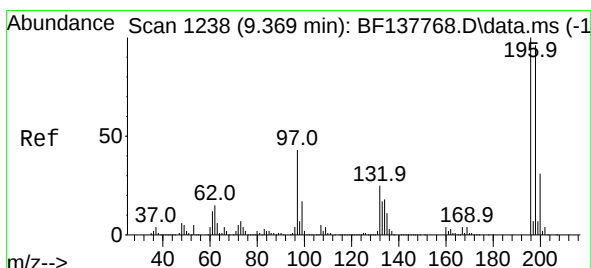
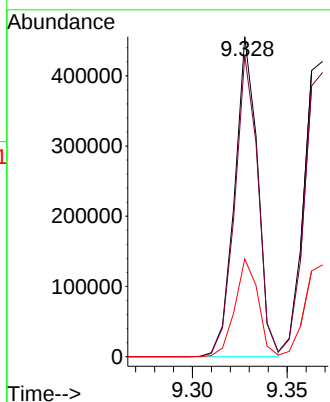
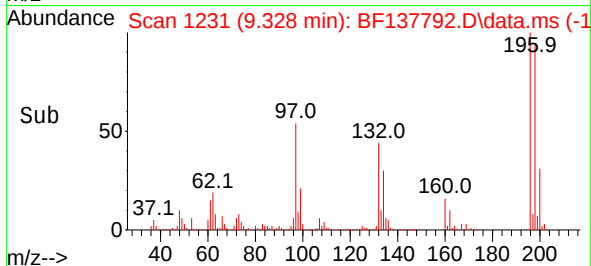
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



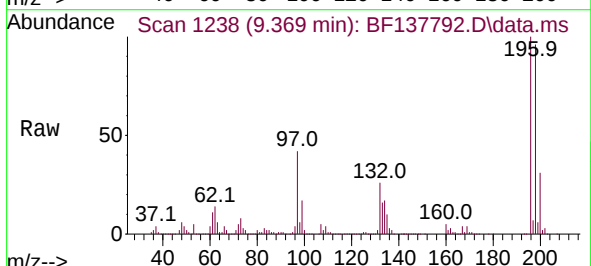
Tgt Ion:196 Resp: 38338
Ion Ratio Lower Upper
196 100
198 94.2 76.2 114.4
200 30.6 24.2 36.2

Manual Integrations
APPROVED

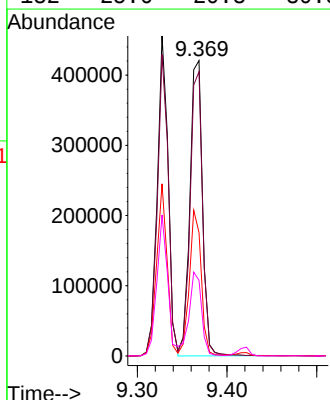
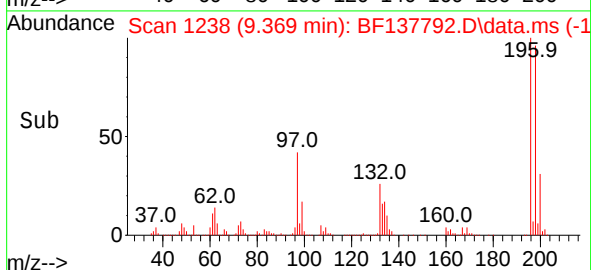
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

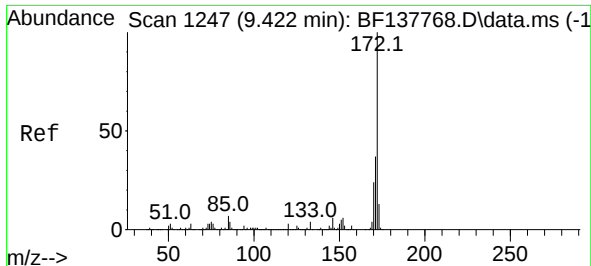


#44
2,4,5-Trichlorophenol
Concen: 46.827 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21



Tgt Ion:196 Resp: 410362
Ion Ratio Lower Upper
196 100
198 96.3 76.6 114.8
97 41.8 34.5 51.7
132 25.6 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 89.443 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF137792.D

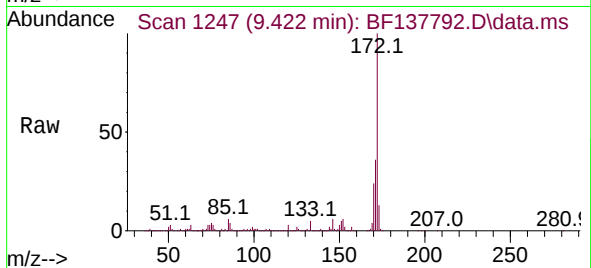
Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS



Tgt Ion:172 Resp: 242693

Ion Ratio Lower Upper

172 100

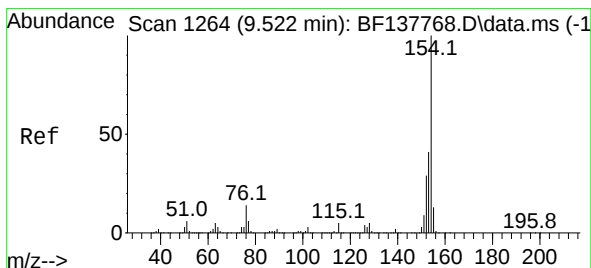
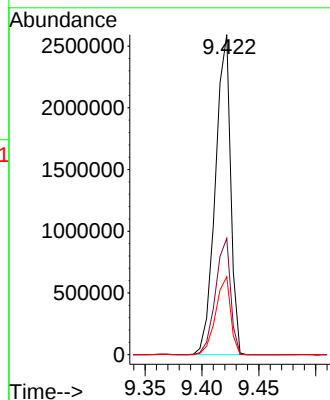
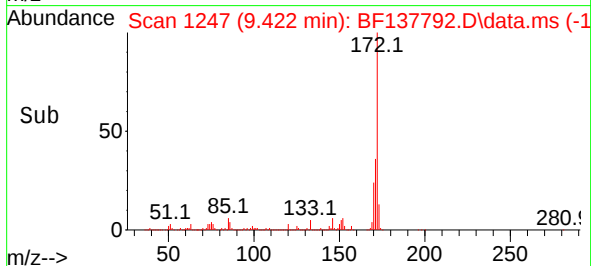
171 36.3 29.6 44.4

170 24.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#46

1,1'-Biphenyl

Concen: 46.854 ng

RT: 9.522 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

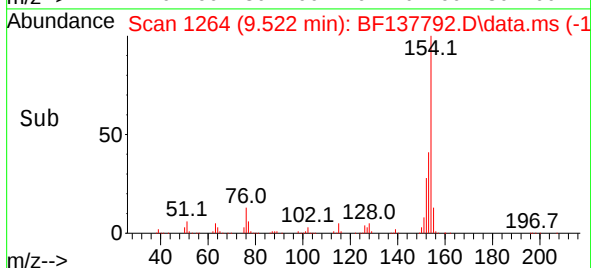
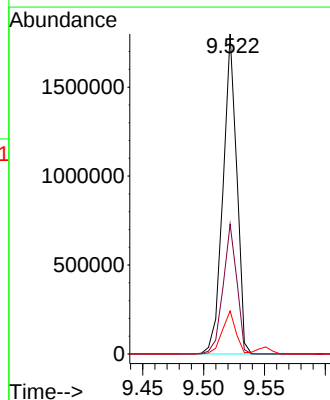
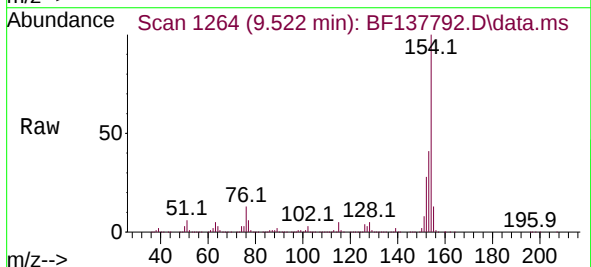
Tgt Ion:154 Resp: 1415484

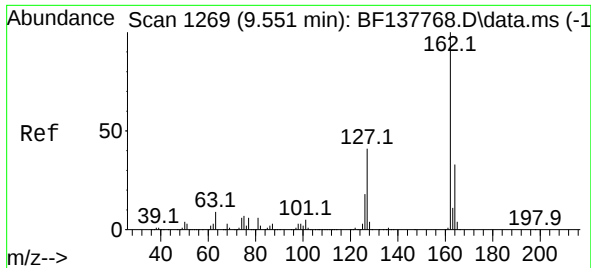
Ion Ratio Lower Upper

154 100

153 40.6 21.4 61.4

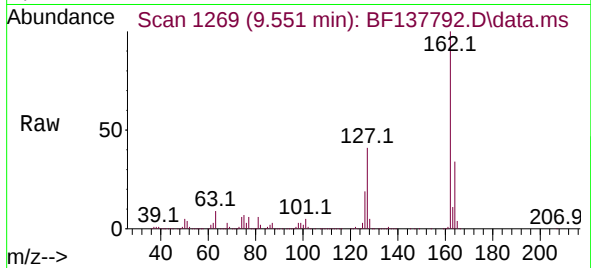
76 13.4 0.0 33.5





#47
2-Chloronaphthalene
Concen: 45.352 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

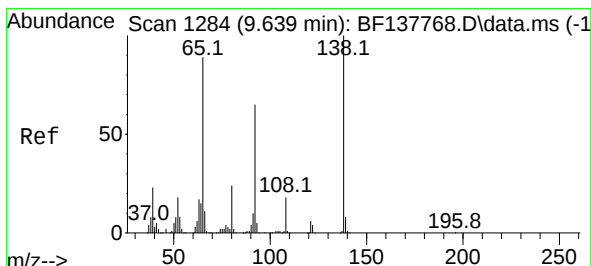
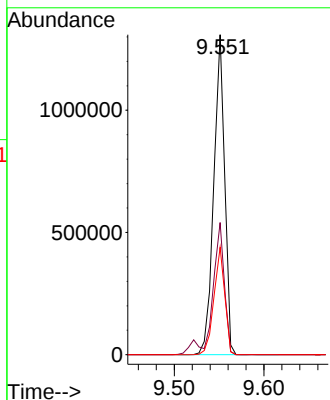
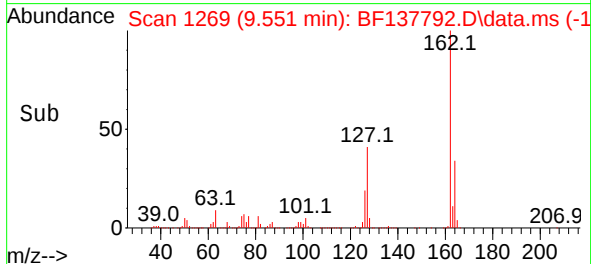
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



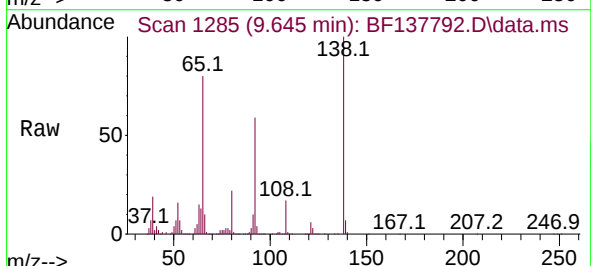
Tgt Ion:162 Resp: 1106172
Ion Ratio Lower Upper
162 100
127 41.3 32.6 49.0
164 33.6 26.5 39.7

Manual Integrations
APPROVED

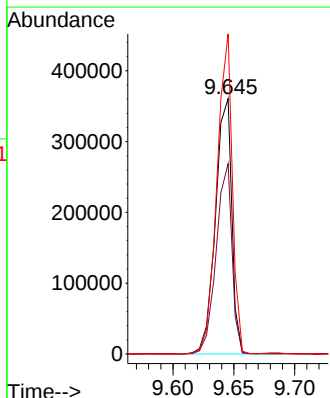
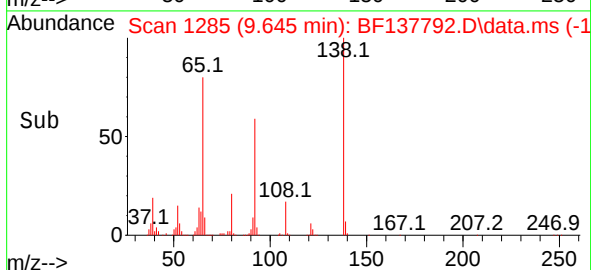
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

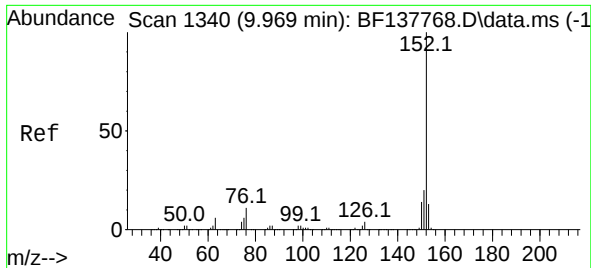


#48
2-Nitroaniline
Concen: 50.971 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21



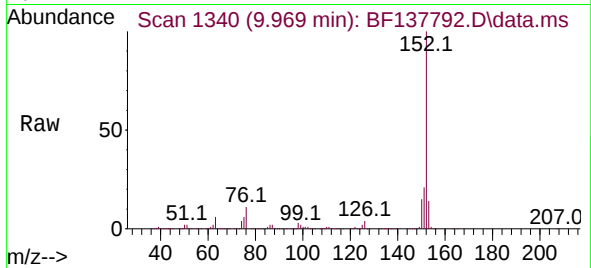
Tgt Ion: 65 Resp: 337172
Ion Ratio Lower Upper
65 100
92 74.6 58.6 88.0
138 125.4 90.3 135.5





#49
Acenaphthylene
Concen: 50.800 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

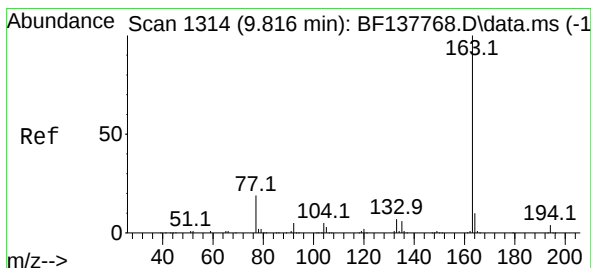
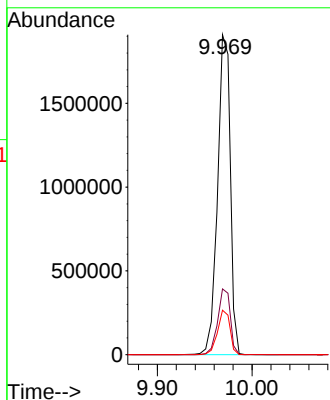
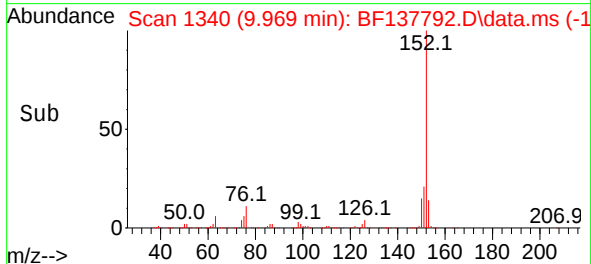
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



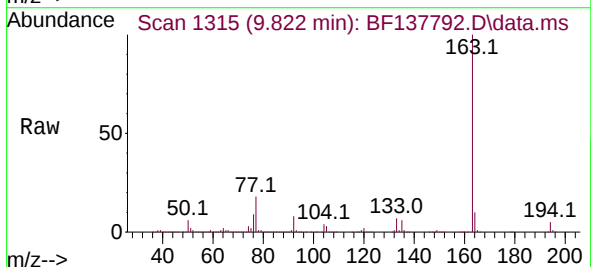
Tgt Ion:152 Resp: 1792383
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.9 10.8 16.2

Manual Integrations
APPROVED

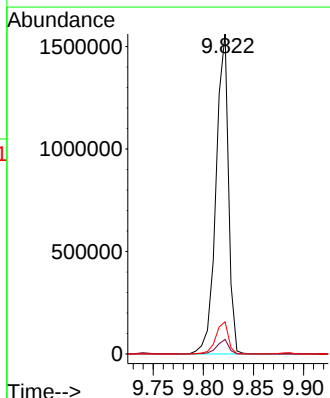
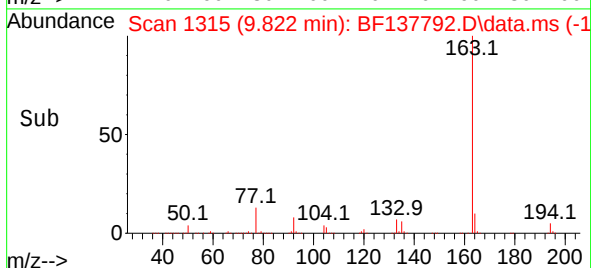
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

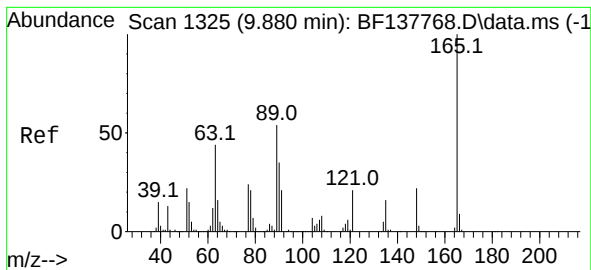


#50
Dimethylphthalate
Concen: 48.496 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21



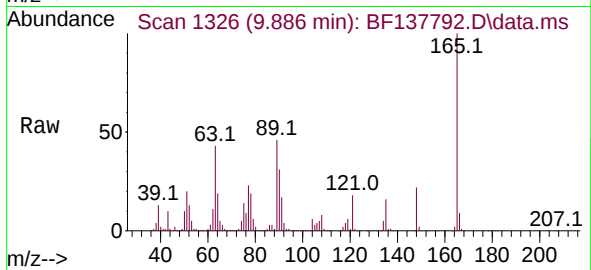
Tgt Ion:163 Resp: 1347701
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.0 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.814 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

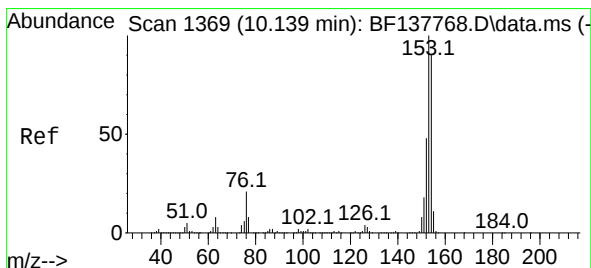
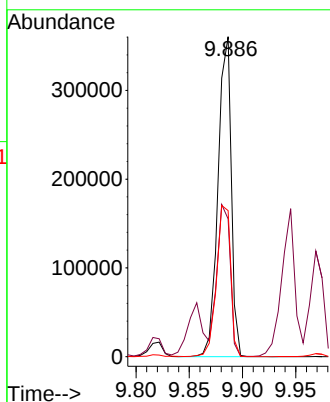
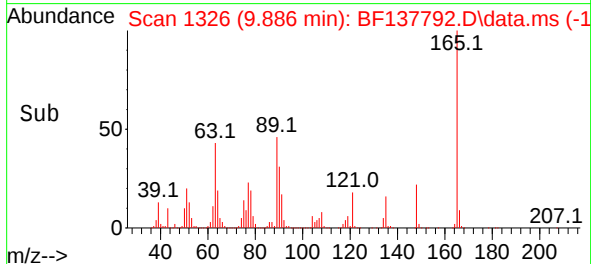
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:165 Resp: 310009
Ion Ratio Lower Upper
165 100
63 43.0 41.9 62.9
89 45.7 43.2 64.8

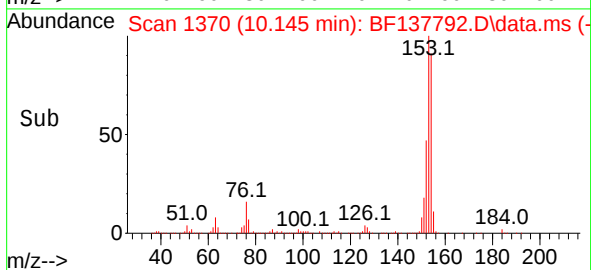
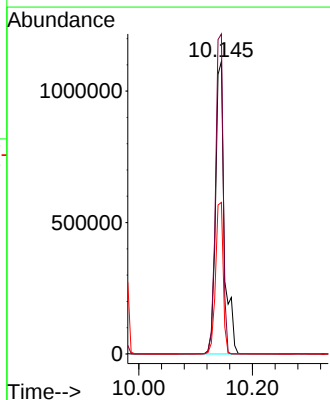
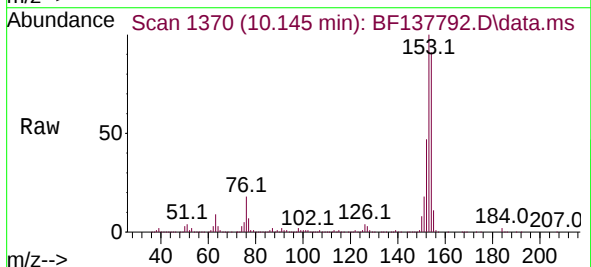
Manual Integrations
APPROVED

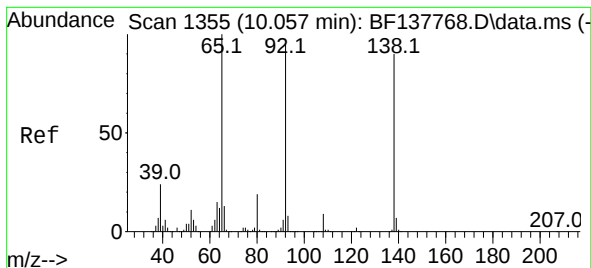
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#52
Acenaphthene
Concen: 51.254 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

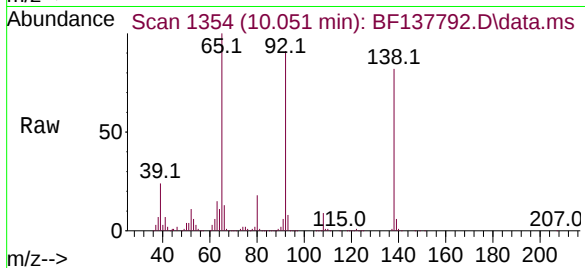
Tgt Ion:154 Resp: 1198684
Ion Ratio Lower Upper
154 100
153 109.5 88.7 133.1
152 51.8 42.8 64.2





#53
3-Nitroaniline
Concen: 26.444 ng
RT: 10.051 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

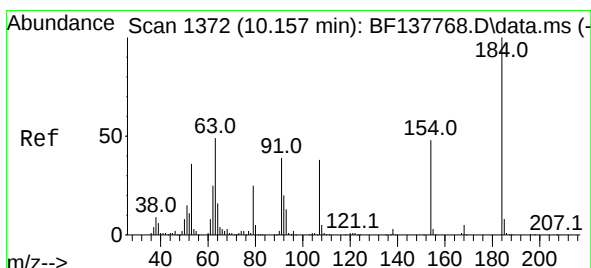
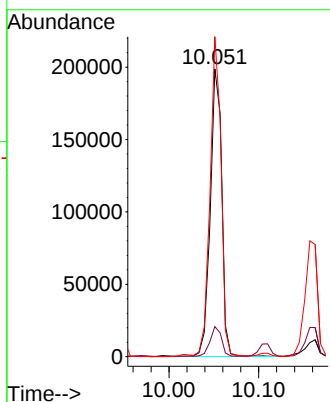
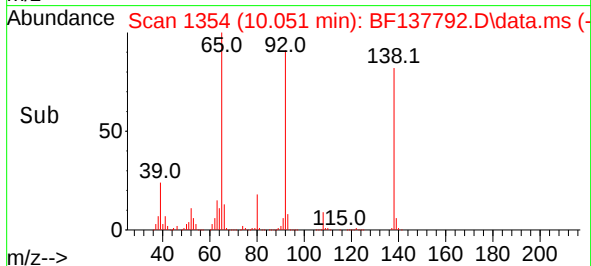
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



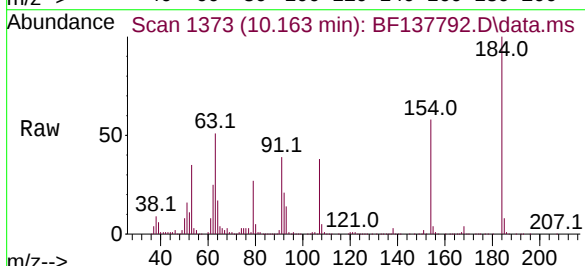
Tgt Ion:138 Resp: 17587
Ion Ratio Lower Upper
138 100
108 10.5 7.8 11.6
92 111.2 84.6 126.8

Manual Integrations
APPROVED

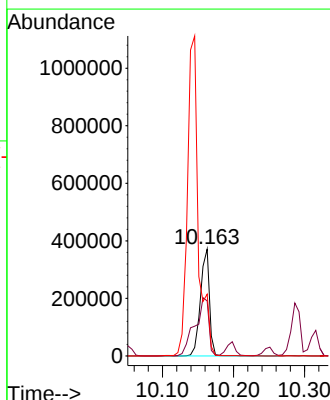
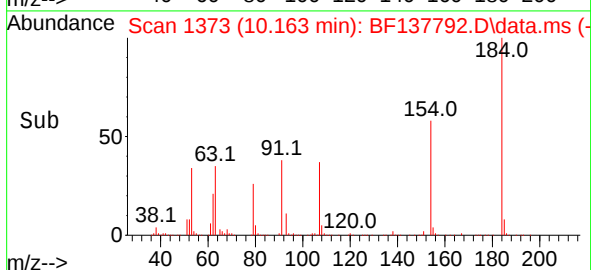
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

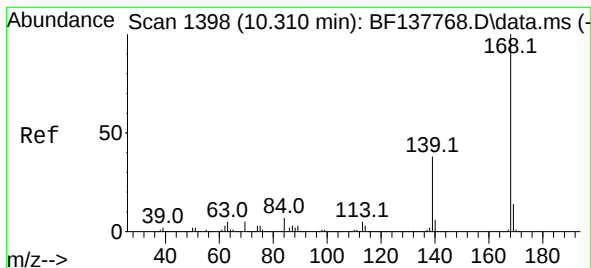


#54
2,4-Dinitrophenol
Concen: 105.561 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21



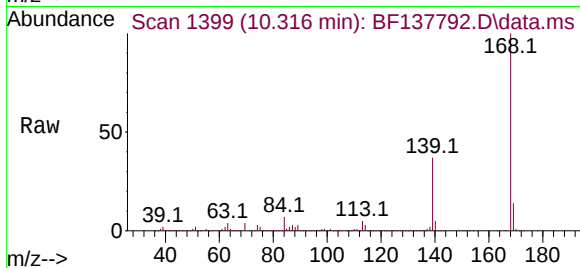
Tgt Ion:184 Resp: 329409
Ion Ratio Lower Upper
184 100
63 51.4 40.3 60.5
154 57.7 45.2 67.8





#55
Dibenzenofuran
Concen: 47.422 ng
RT: 10.316 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

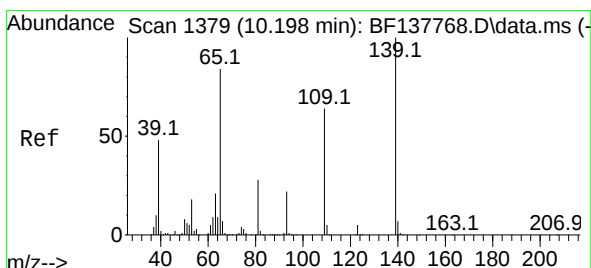
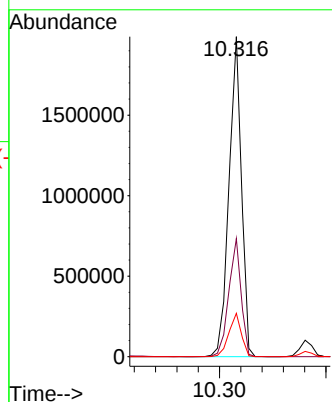
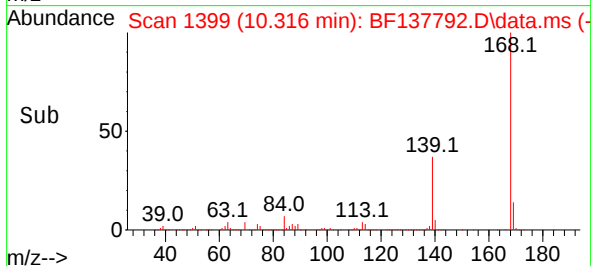
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:168 Resp: 1613939
Ion Ratio Lower Upper
168 100
139 36.9 30.2 45.4
169 13.6 11.4 17.0

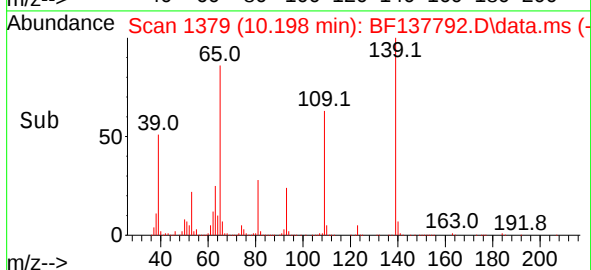
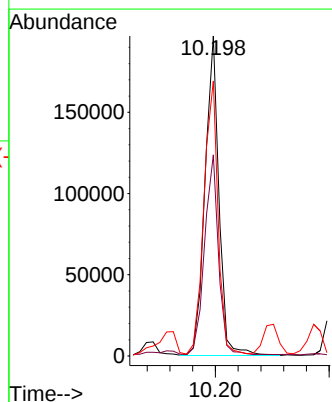
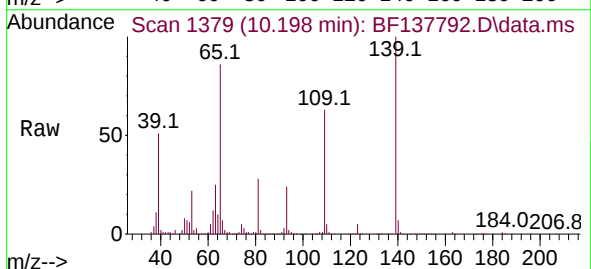
Manual Integrations
APPROVED

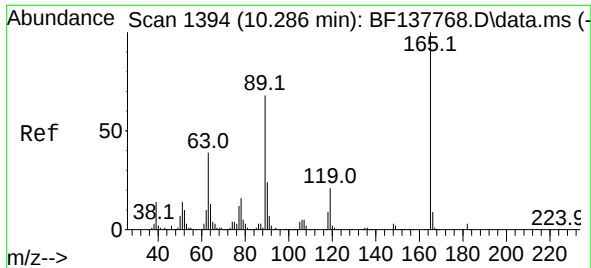
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#56
4-Nitrophenol
Concen: 30.337 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

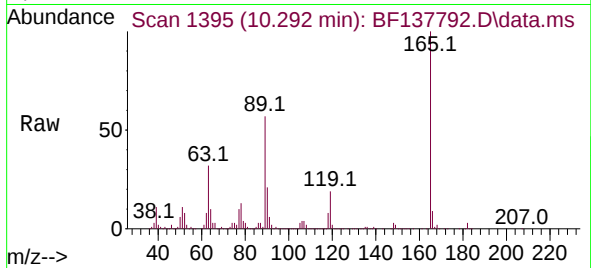
Tgt Ion:139 Resp: 167221
Ion Ratio Lower Upper
139 100
109 62.8 44.0 84.0
65 86.0 64.3 104.3





#57
2,4-Dinitrotoluene
Concen: 50.639 ng
RT: 10.292 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

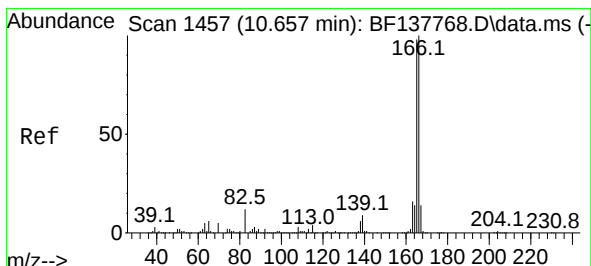
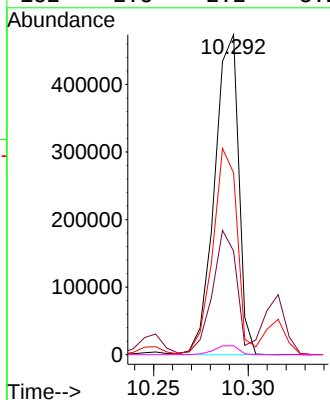
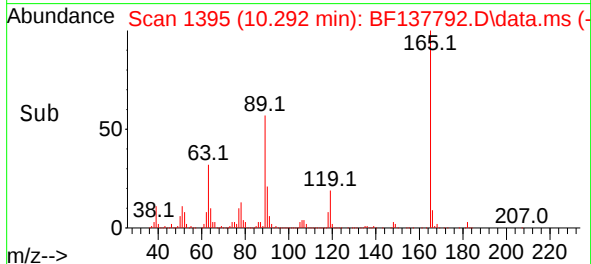
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:165 Resp: 42015
Ion Ratio Lower Upper
165 100
63 32.4 31.3 46.9
89 56.9 54.2 81.4
182 2.8 2.2 3.2

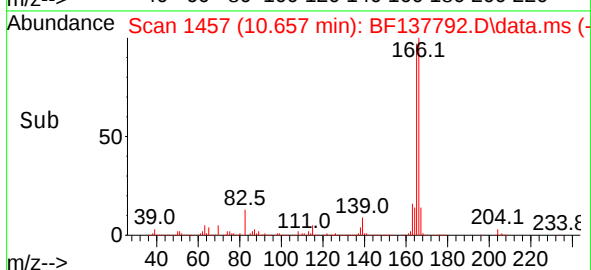
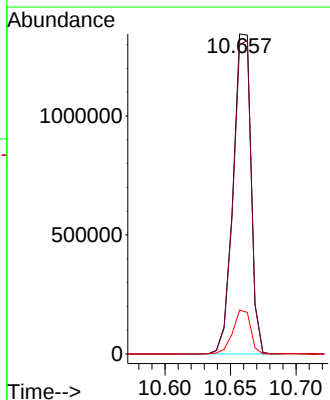
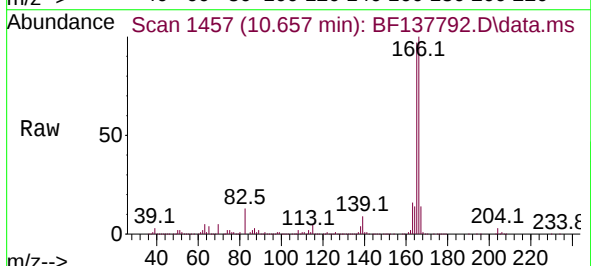
Manual Integrations
APPROVED

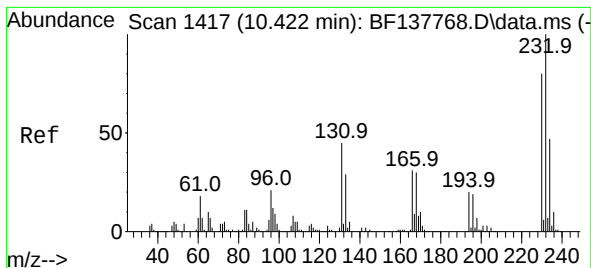
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#58
Fluorene
Concen: 47.140 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

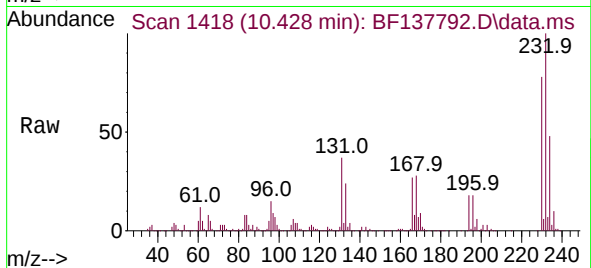
Tgt Ion:166 Resp: 1276828
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.188 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

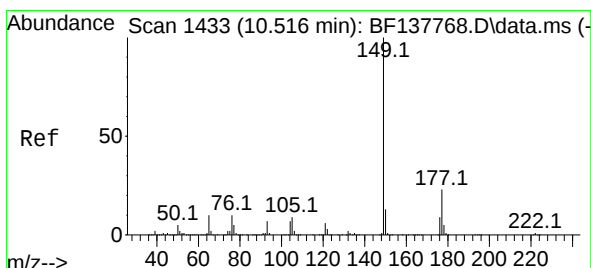
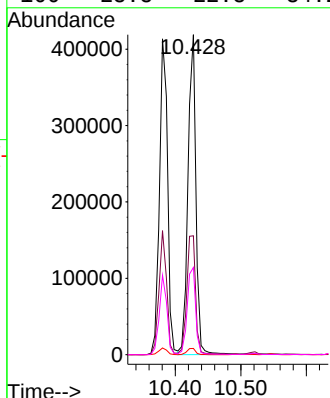
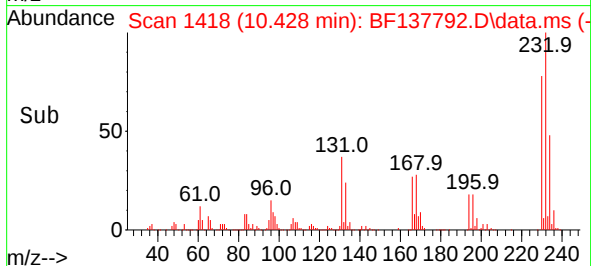
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:232 Resp: 34995
Ion Ratio Lower Upper
232 100
131 41.2 33.4 50.0
130 2.2 1.7 2.5
166 28.8 22.8 34.2

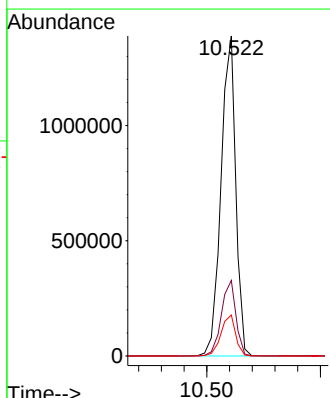
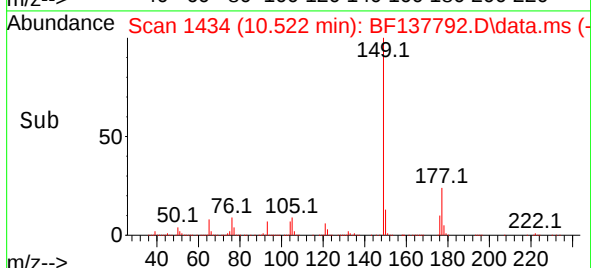
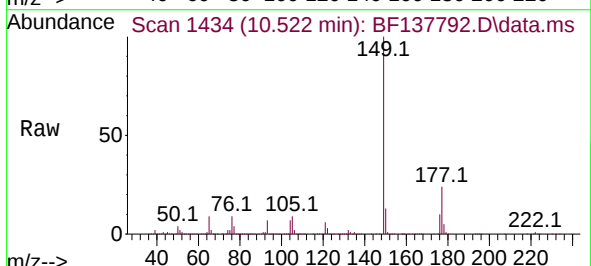
Manual Integrations
APPROVED

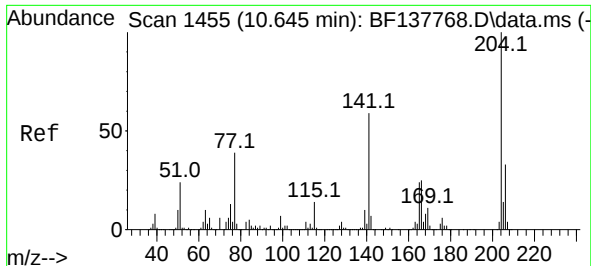
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#60
Diethylphthalate
Concen: 47.449 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

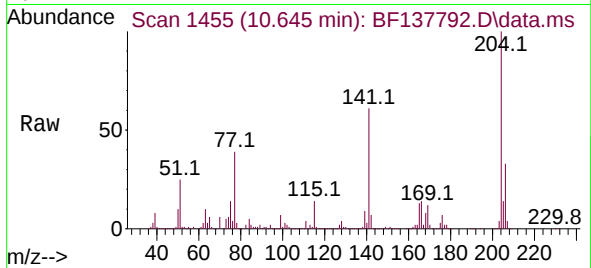
Tgt Ion:149 Resp: 1252353
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 12.8 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 46.757 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

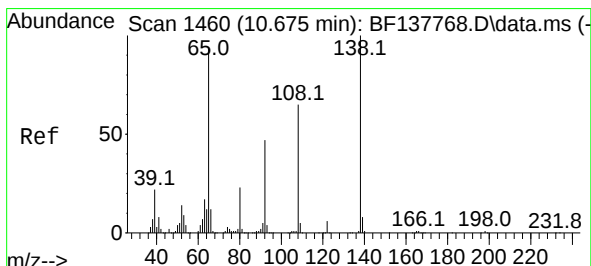
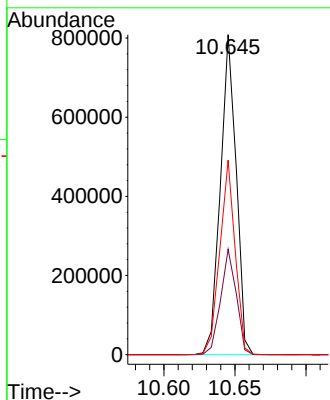
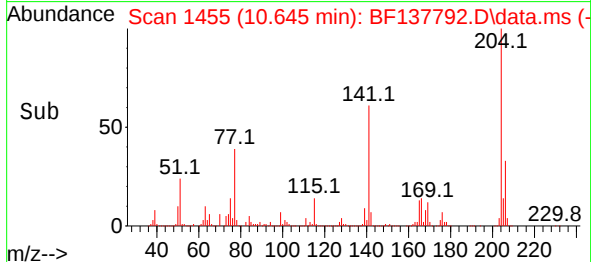
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:204 Resp: 62401
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 60.8 47.0 70.6

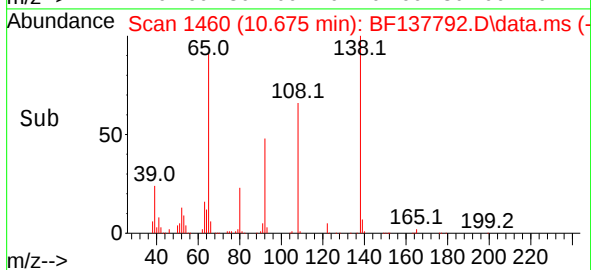
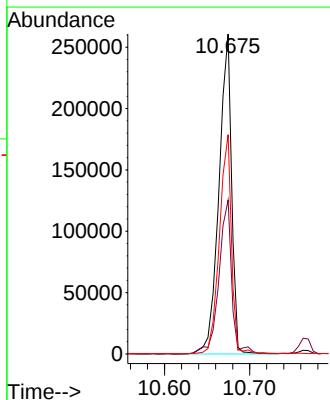
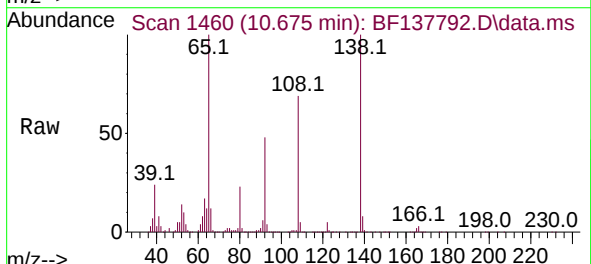
Manual Integrations
APPROVED

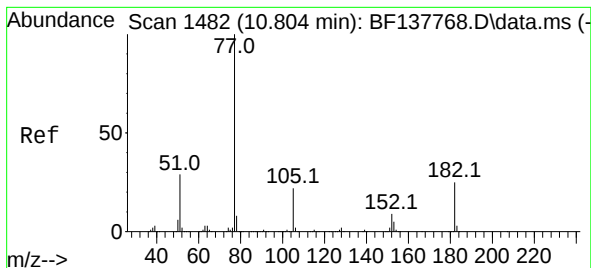
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#62
4-Nitroaniline
Concen: 39.962 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

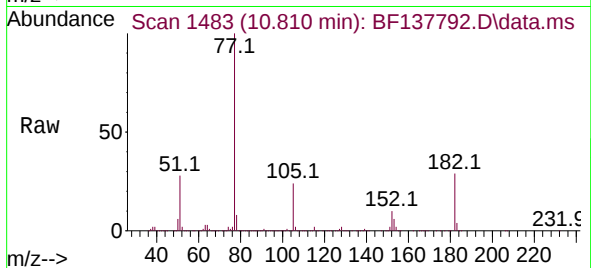
Tgt Ion:138 Resp: 269578
Ion Ratio Lower Upper
138 100
92 48.1 26.8 66.8
108 68.6 44.7 84.7





#63
Azobenzene
Concen: 47.577 ng
RT: 10.810 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

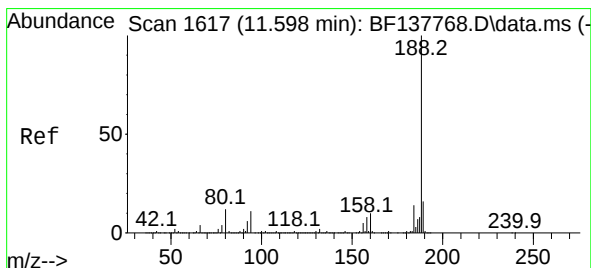
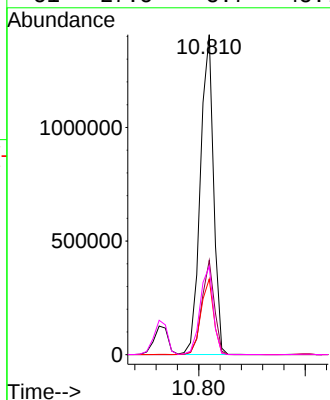
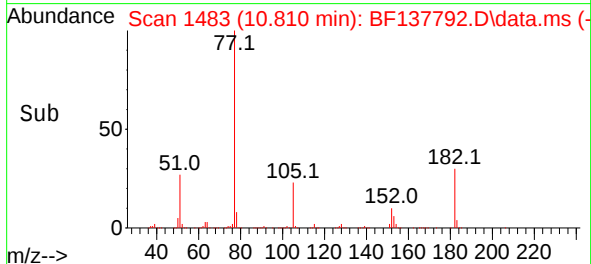
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



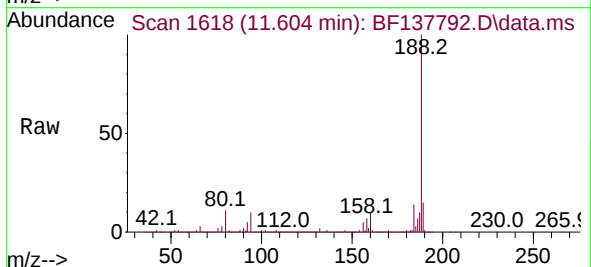
Tgt Ion: 77 Resp: 121366
Ion Ratio Lower Upper
77 100
182 29.4 5.1 45.1
105 23.7 2.2 42.2
51 27.5 8.7 48.7

Manual Integrations
APPROVED

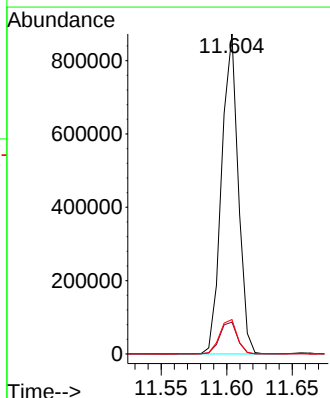
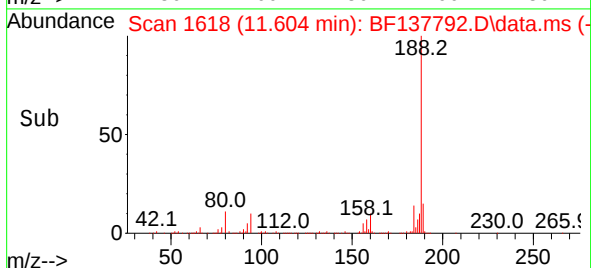
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

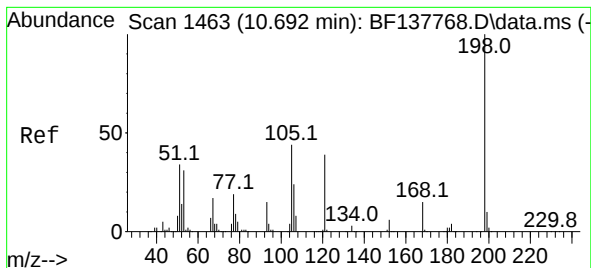


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21



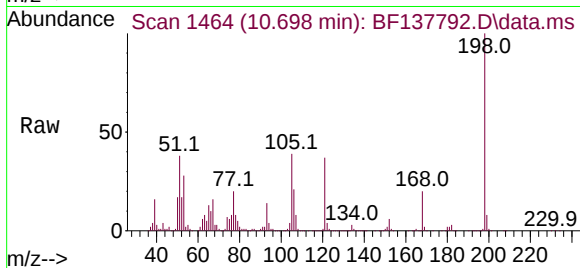
Tgt Ion:188 Resp: 767868
Ion Ratio Lower Upper
188 100
94 10.0 8.8 13.2
80 10.8 9.6 14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 55.656 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

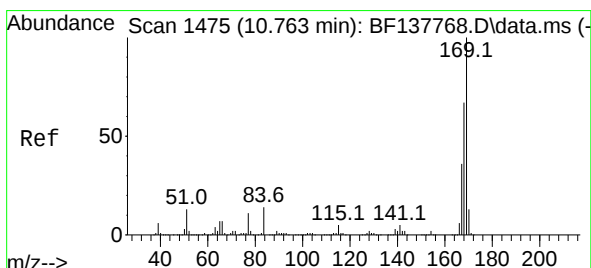
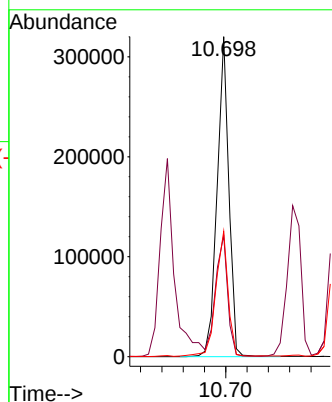
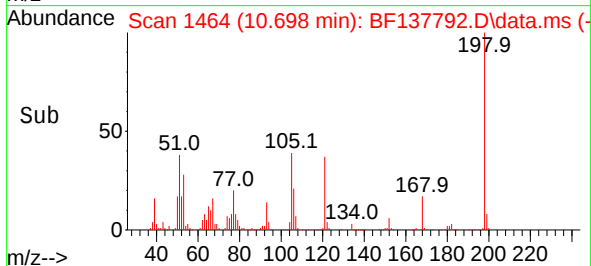
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



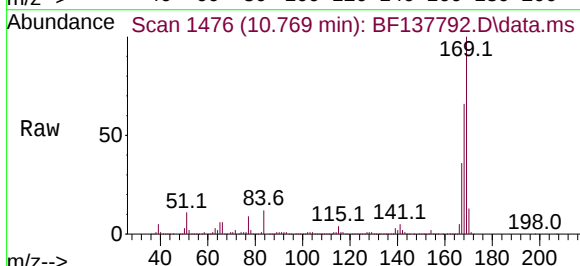
Tgt Ion:198 Resp: 245294
Ion Ratio Lower Upper
198 100
51 37.9 25.1 65.1
105 39.1 24.1 64.1

Manual Integrations
APPROVED

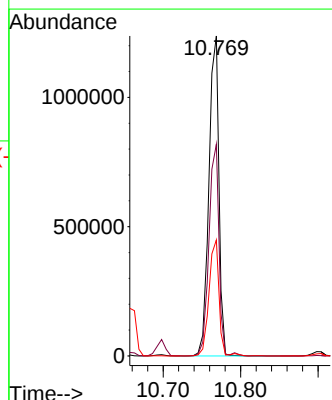
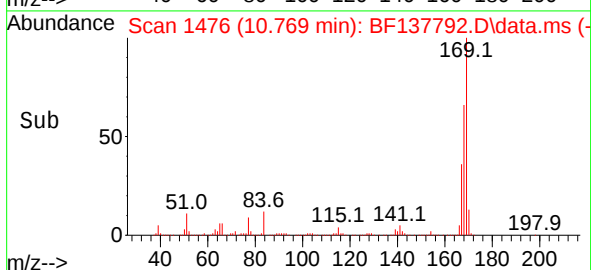
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

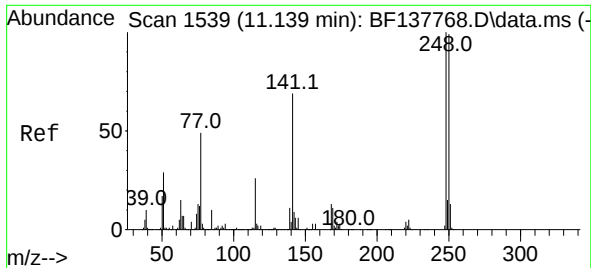


#66
n-Nitrosodiphenylamine
Concen: 48.074 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21



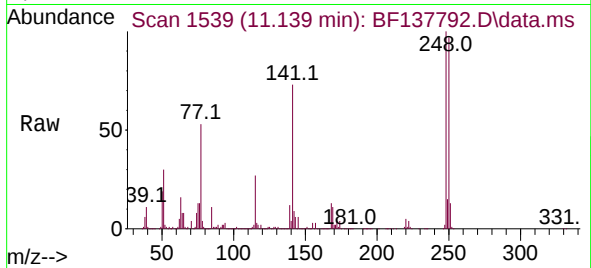
Tgt Ion:169 Resp: 1104983
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.419 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

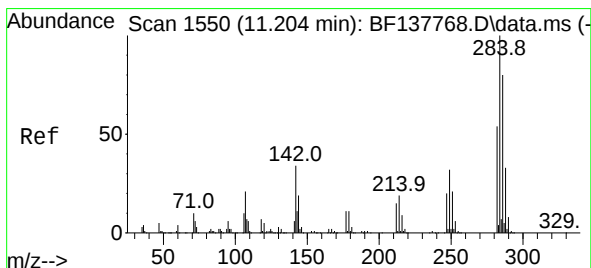
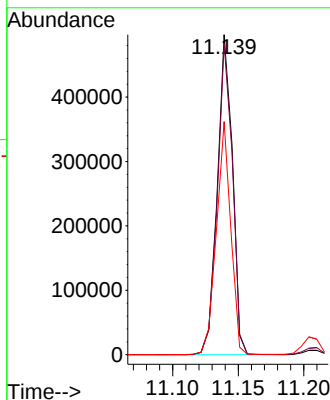
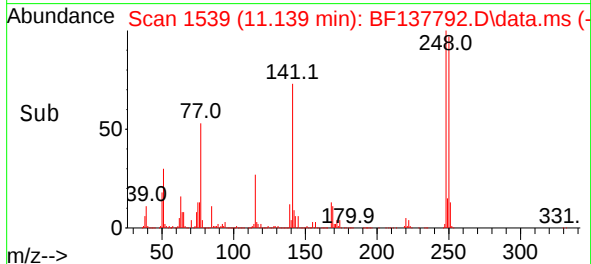
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



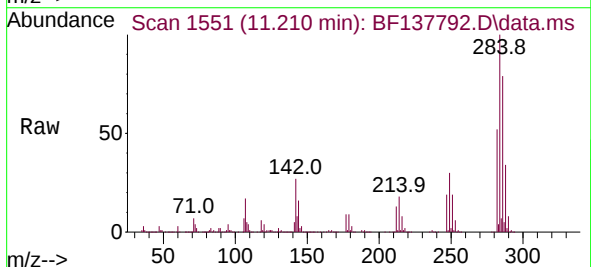
Tgt Ion:248 Resp: 397898
Ion Ratio Lower Upper
248 100
250 97.2 79.1 118.7
141 72.8 55.4 83.2

Manual Integrations
APPROVED

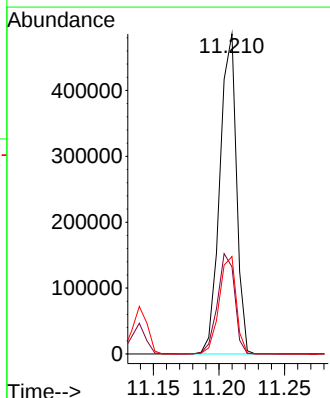
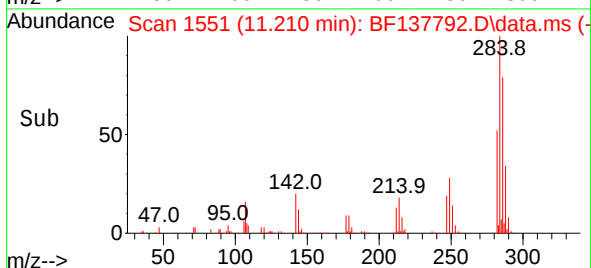
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024

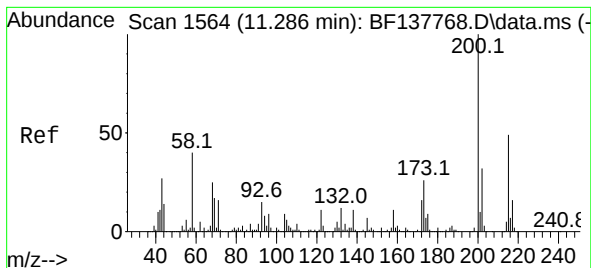


#68
Hexachlorobenzene
Concen: 47.689 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21



Tgt Ion:284 Resp: 428274
Ion Ratio Lower Upper
284 100
142 27.3 27.3 40.9#
249 30.4 25.6 38.4





#69

Atrazine

Concen: 52.072 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.006 min

Lab File: BF137792.D

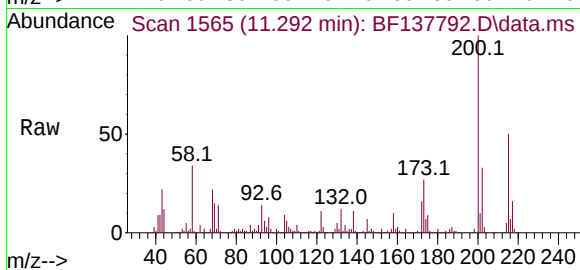
Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS



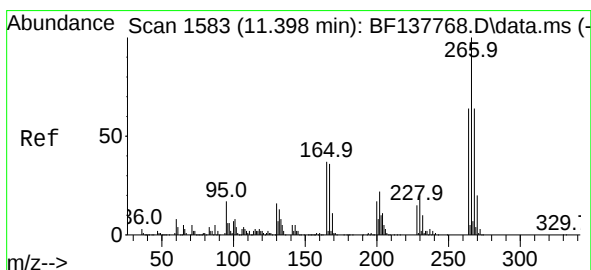
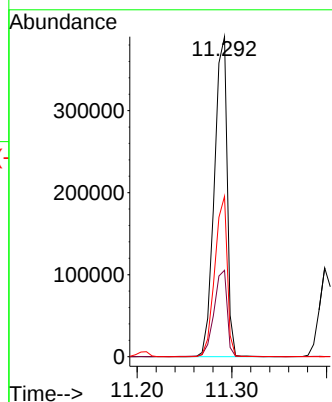
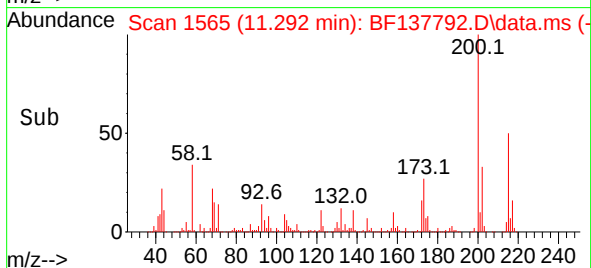
Tgt Ion:200 Resp: 36494

Ion	Ratio	Lower	Upper
200	100		
173	27.0	5.9	45.9
215	50.1	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#70

Pentachlorophenol

Concen: 90.018 ng

RT: 11.398 min Scan# 1583

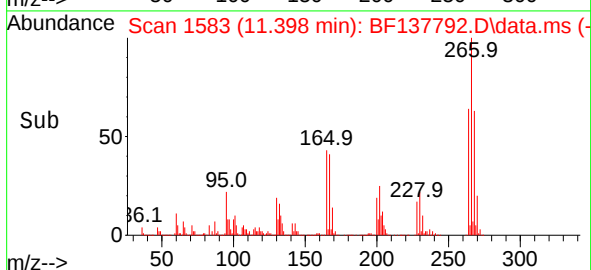
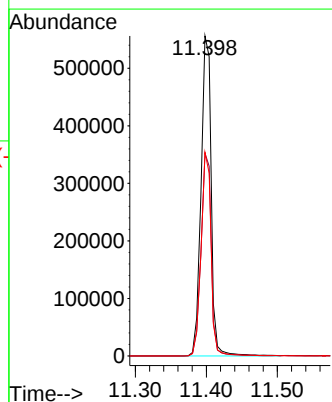
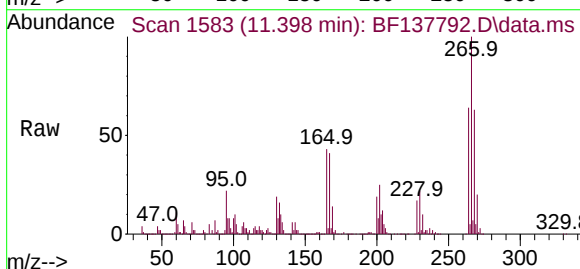
Delta R.T. 0.000 min

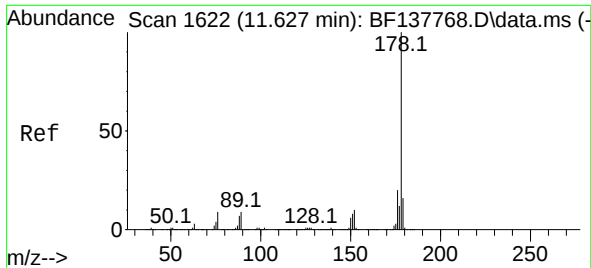
Lab File: BF137792.D

Acq: 01 May 2024 15:21

Tgt Ion:266 Resp: 555011

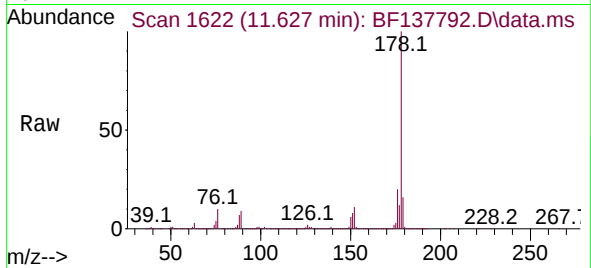
Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.3	76.9
264	63.6	51.0	76.4





#71
Phenanthrene
Concen: 48.774 ng
RT: 11.627 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

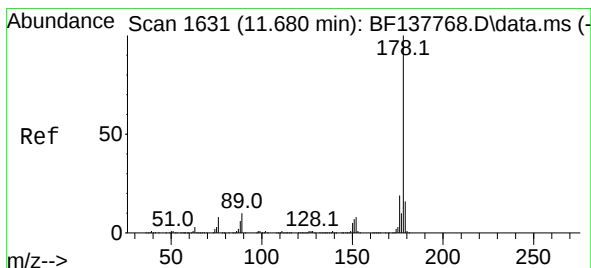
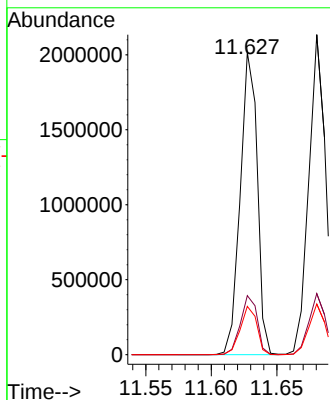
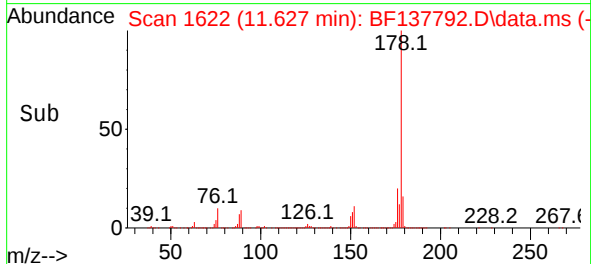
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:178 Resp: 1825482
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.0 12.5 18.7

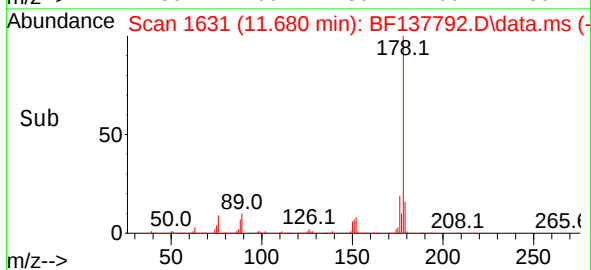
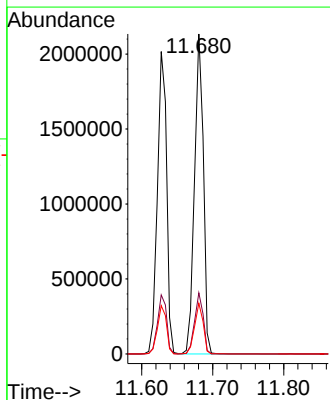
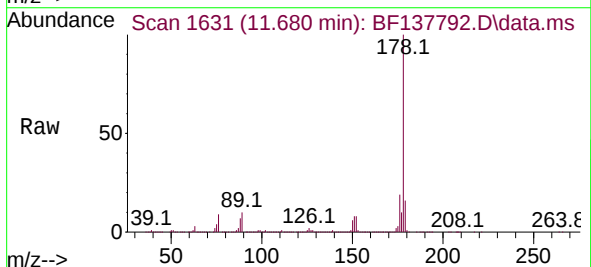
Manual Integrations
APPROVED

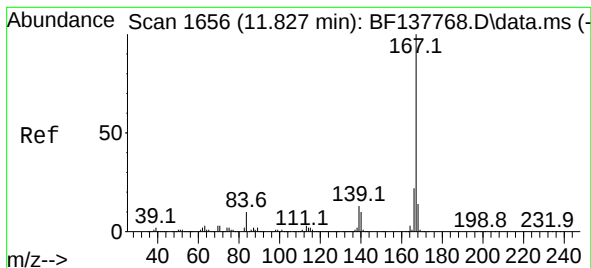
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#72
Anthracene
Concen: 49.888 ng
RT: 11.680 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion:178 Resp: 1857825
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.8 12.6 18.8





#73

Carbazole

Concen: 46.625 ng

RT: 11.833 min Scan# 1657

Delta R.T. 0.006 min

Lab File: BF137792.D

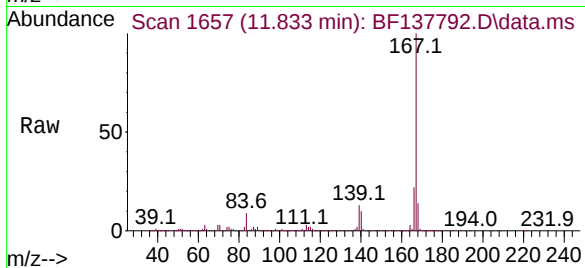
Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS



Tgt Ion:167 Resp: 167334

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

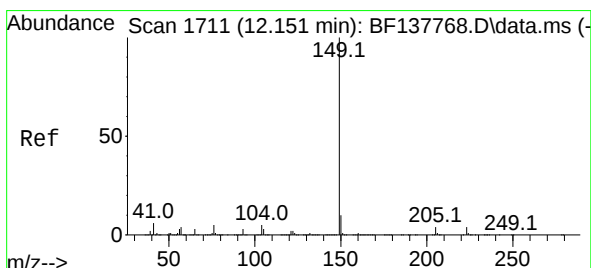
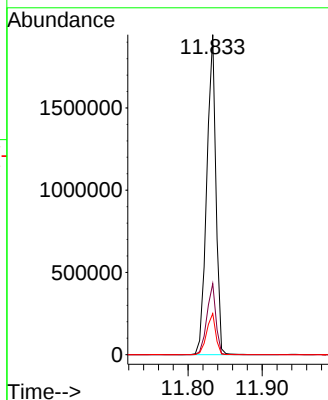
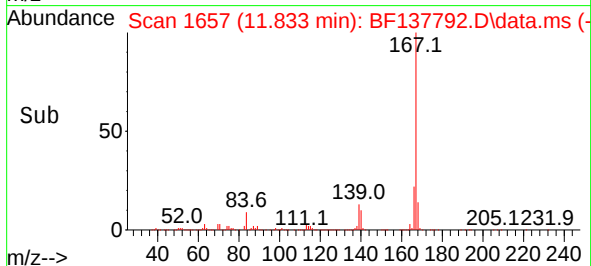
139 12.8 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#74

Di-n-butylphthalate

Concen: 48.404 ng

RT: 12.151 min Scan# 1711

Delta R.T. -0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

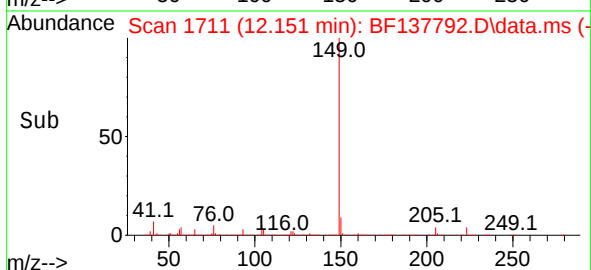
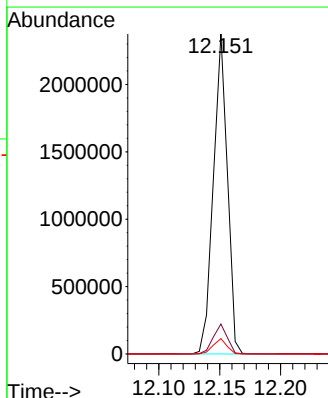
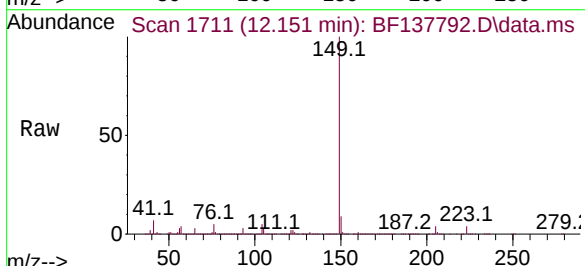
Tgt Ion:149 Resp: 1895007

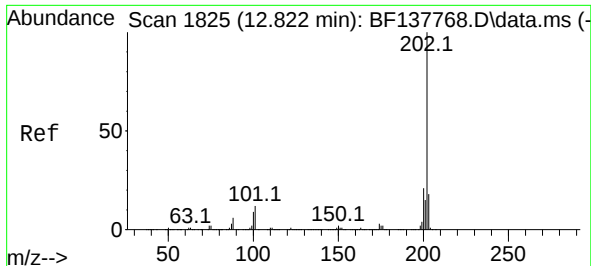
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

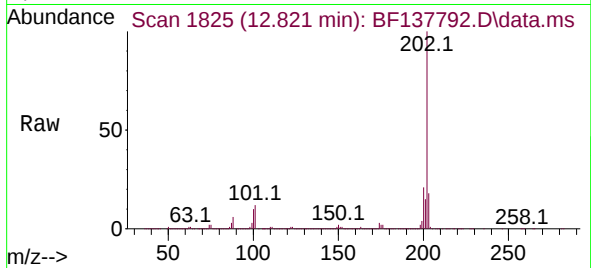
104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 45.131 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

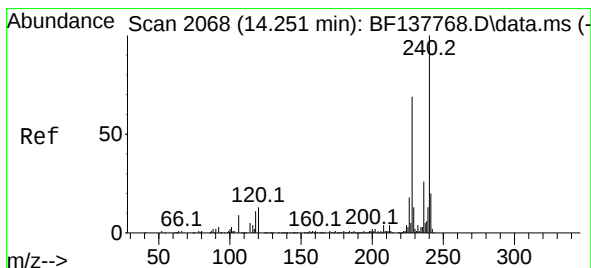
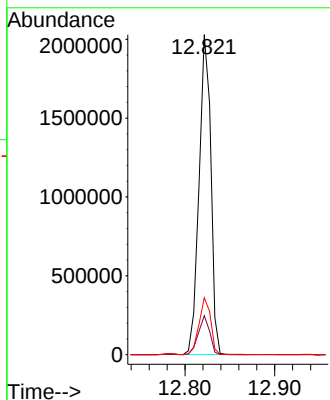
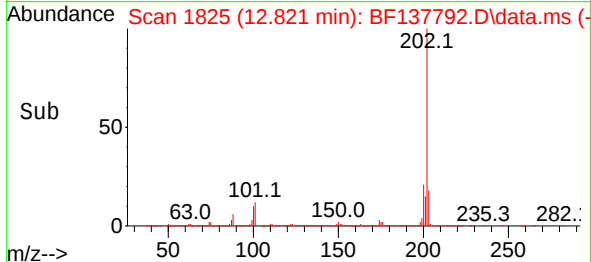
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:202 Resp: 1846394
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.8
203 17.8 0.0 37.8

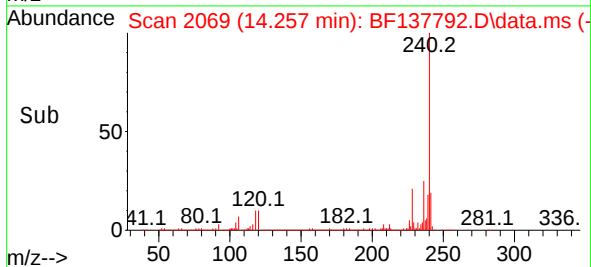
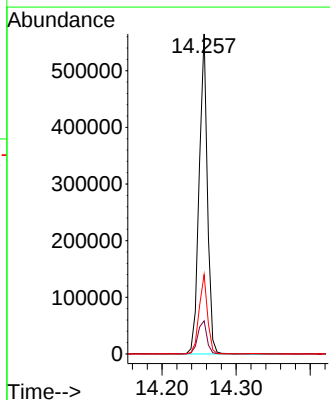
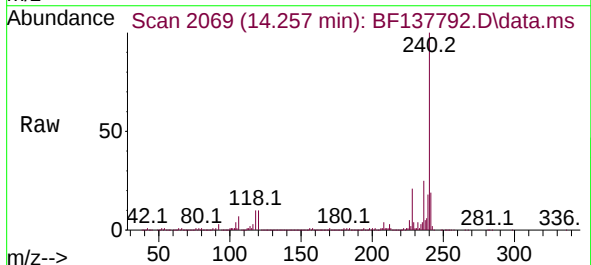
Manual Integrations
APPROVED

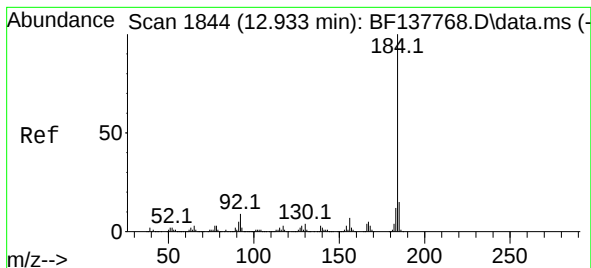
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion:240 Resp: 434720
Ion Ratio Lower Upper
240 100
120 10.4 10.4 15.6#
236 24.8 20.4 30.6





#77

Benzidine

Concen: 21.905 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

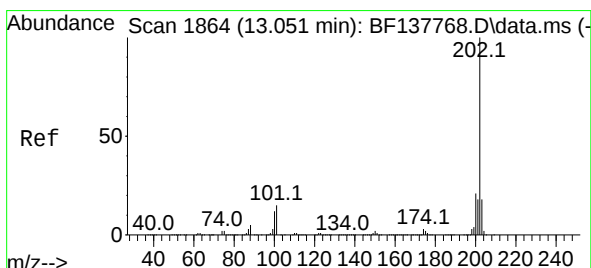
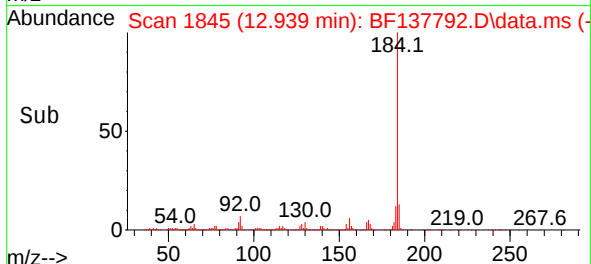
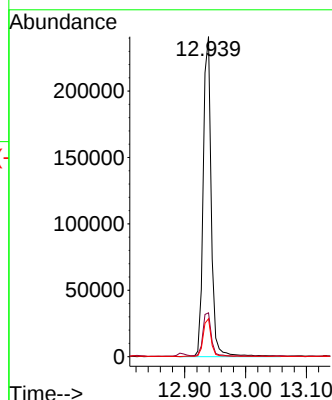
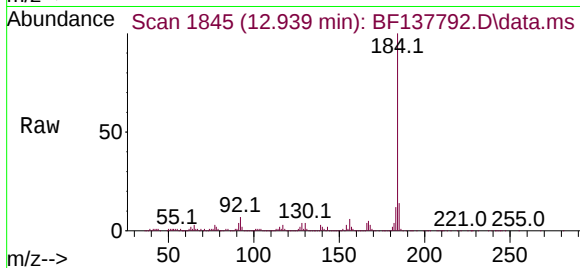
MW-4-20240429MS

Tgt Ion:184 Resp: 220234
 Ion Ratio Lower Upper
 184 100
 185 13.7 12.3 18.5
 183 11.9 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024



#78

Pyrene

Concen: 53.887 ng

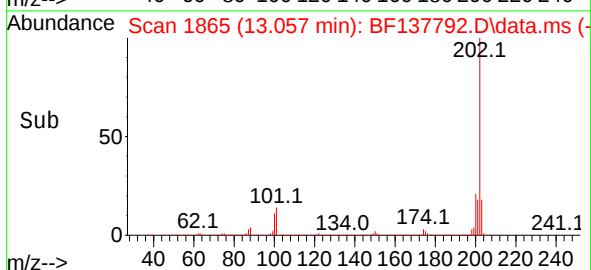
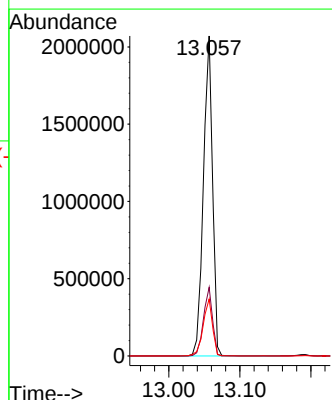
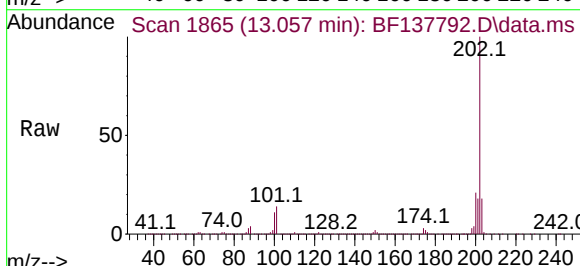
RT: 13.057 min Scan# 1865

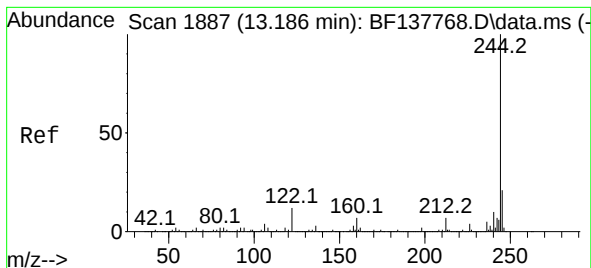
Delta R.T. 0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Tgt Ion:202 Resp: 1857374
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.2 25.8
 203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 103.356 ng

RT: 13.192 min Scan# 1887

Delta R.T. 0.006 min

Lab File: BF137792.D

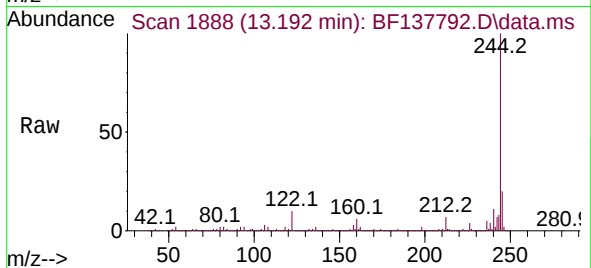
Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS



Tgt Ion:244 Resp: 2681073

Ion Ratio Lower Upper

244 100

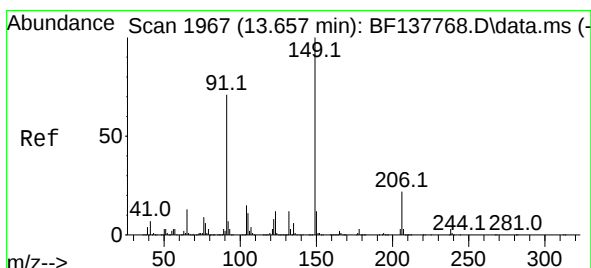
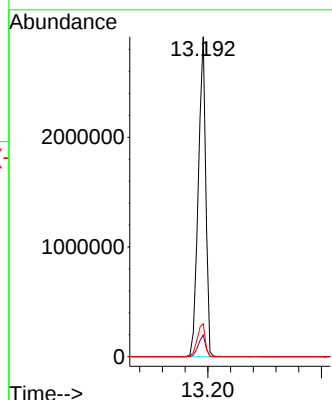
212 6.8 5.5 8.3

122 10.3 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#80

Butylbenzylphthalate

Concen: 60.081 ng

RT: 13.663 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

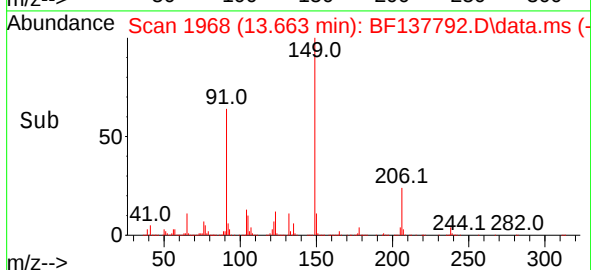
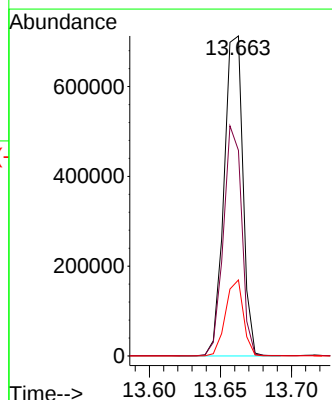
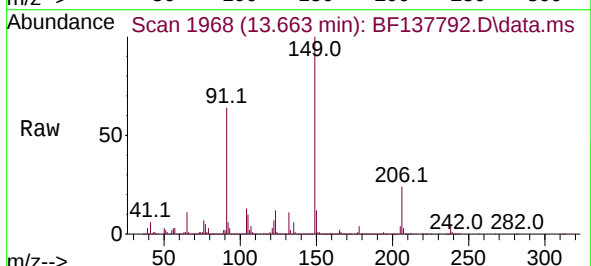
Tgt Ion:149 Resp: 657051

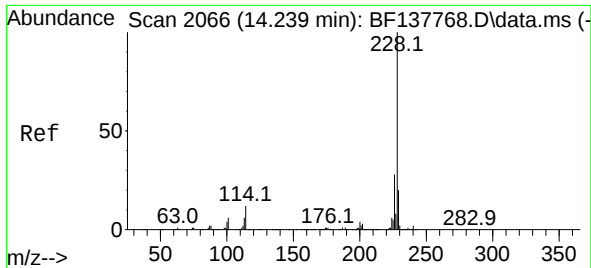
Ion Ratio Lower Upper

149 100

91 64.3 56.8 85.2

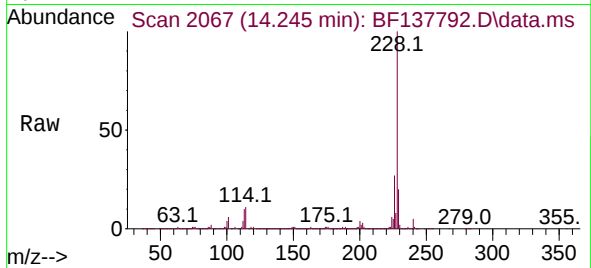
206 23.8 17.8 26.8





#81
Benzo(a)anthracene
Concen: 49.107 ng
RT: 14.245 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

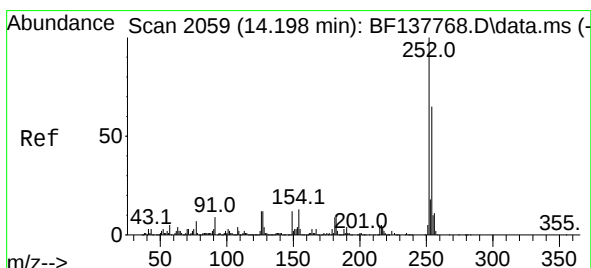
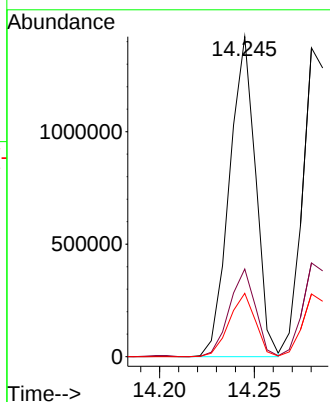
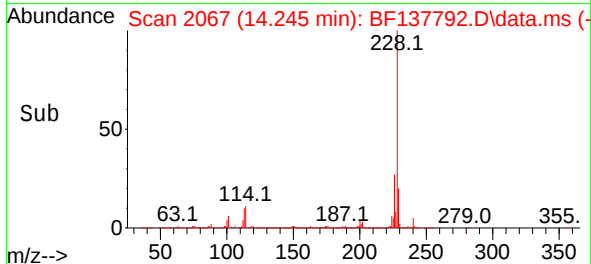
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:228 Resp: 1365380
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 19.8 16.3 24.5

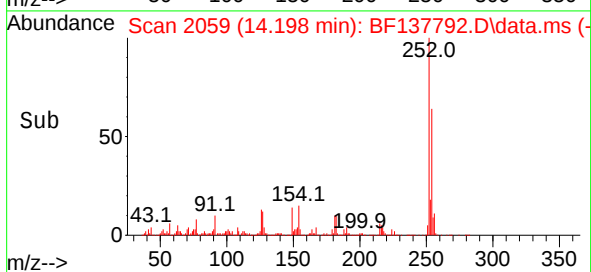
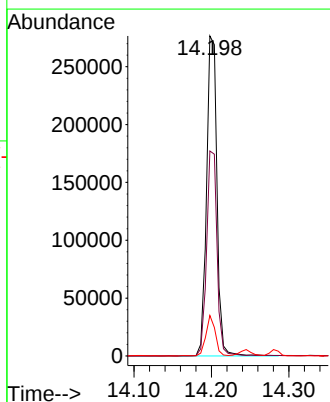
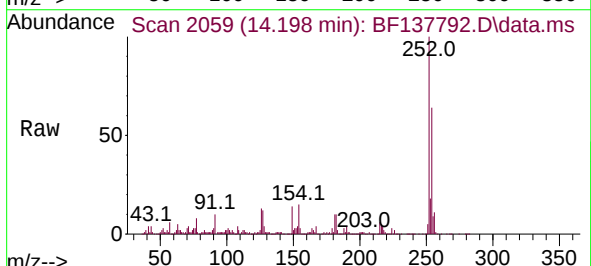
Manual Integrations
APPROVED

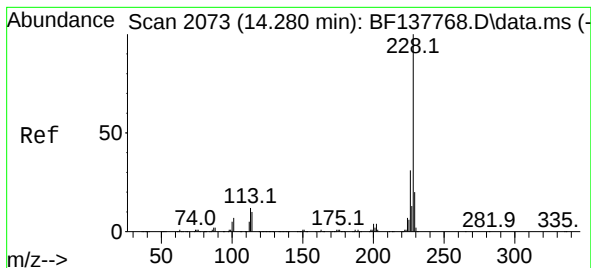
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#82
3,3'-Dichlorobenzidine
Concen: 30.937 ng
RT: 14.198 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion:252 Resp: 257516
Ion Ratio Lower Upper
252 100
254 64.1 51.7 77.5
126 12.7 9.7 14.5





#83

Chrysene

Concen: 49.056 ng

RT: 14.280 min Scan# 2073

Delta R.T. -0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS

Tgt Ion:228 Resp: 1277130

Ion Ratio Lower Upper

228 100

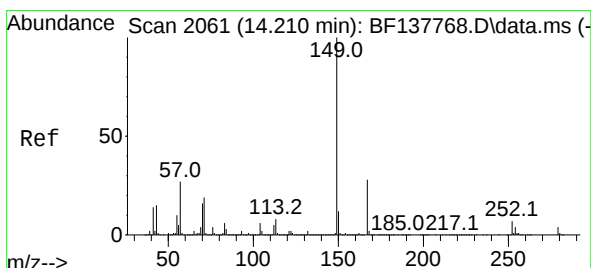
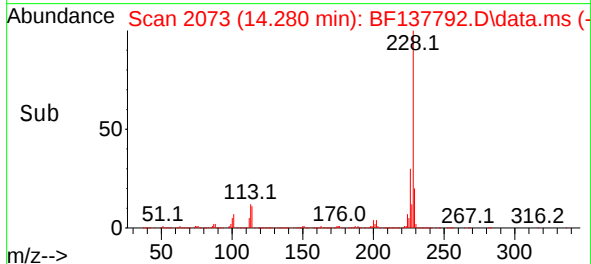
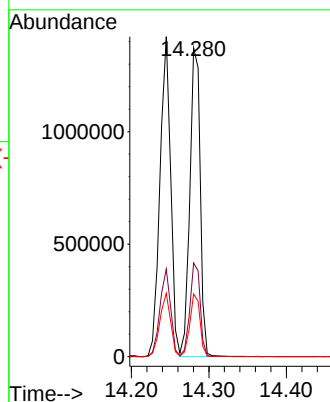
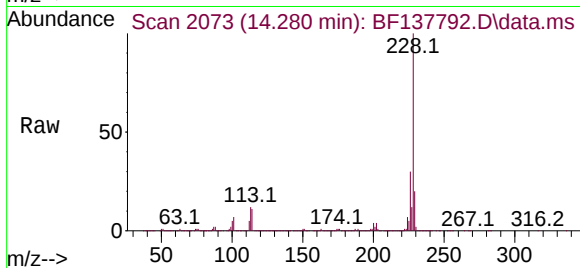
226 30.4 24.8 37.2

229 20.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.458 ng

RT: 14.210 min Scan# 2061

Delta R.T. -0.000 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

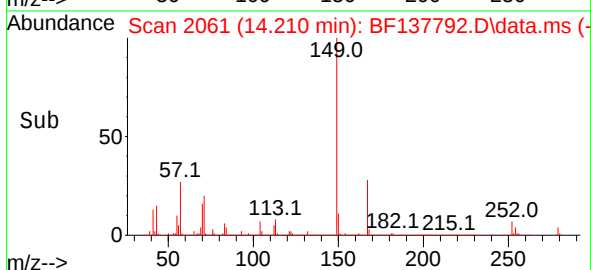
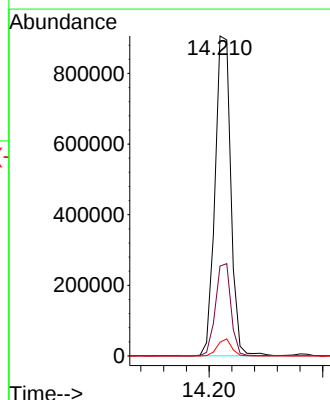
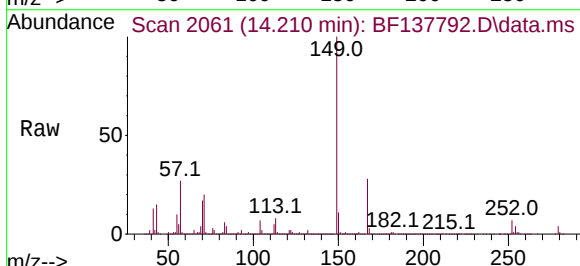
Tgt Ion:149 Resp: 874615

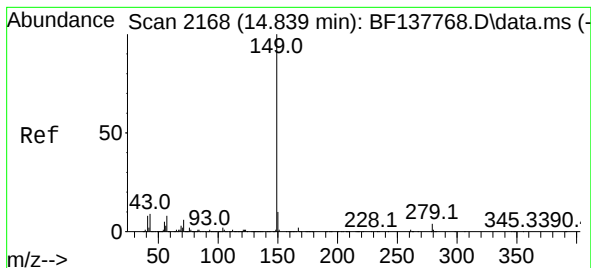
Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 69.040 ng

RT: 14.845 min Scan# 2169

Delta R.T. 0.006 min

Lab File: BF137792.D

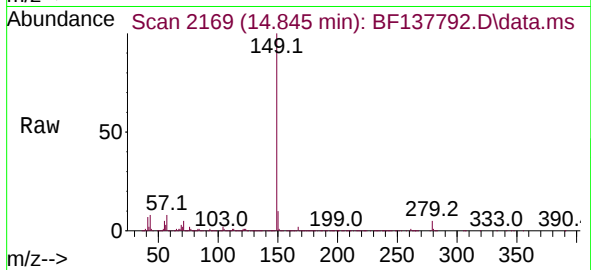
Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS



Tgt Ion:149 Resp: 1280600

Ion Ratio Lower Upper

149 100

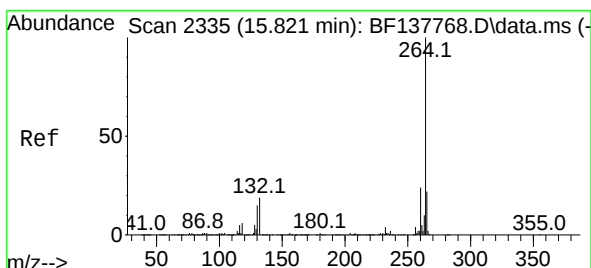
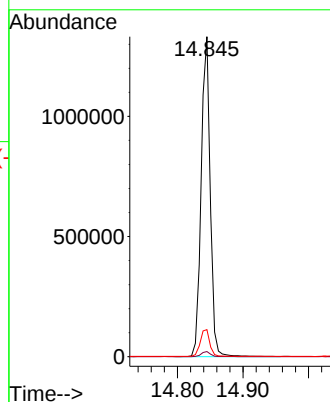
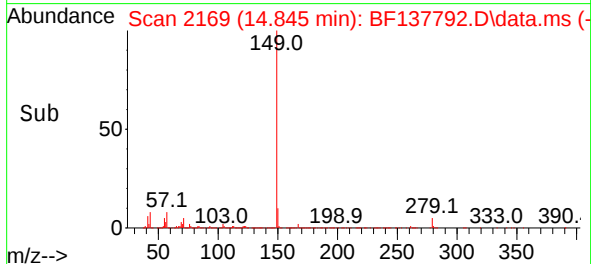
167 1.7 1.3 1.9

43 8.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2336

Delta R.T. 0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

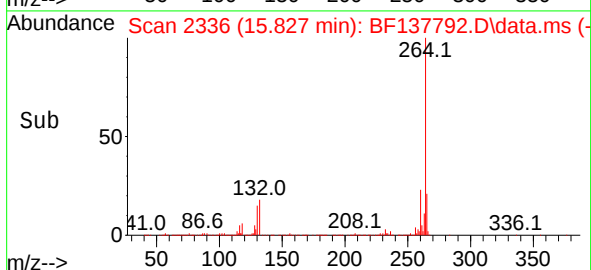
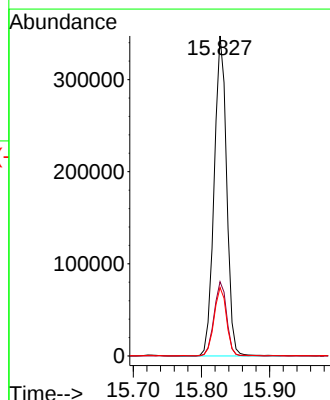
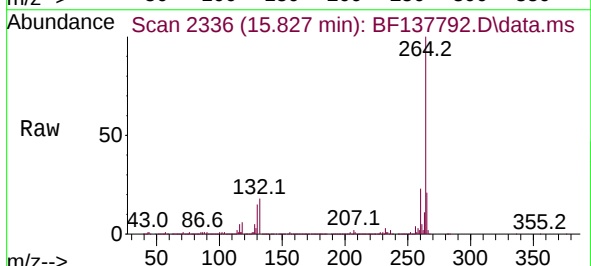
Tgt Ion:264 Resp: 441867

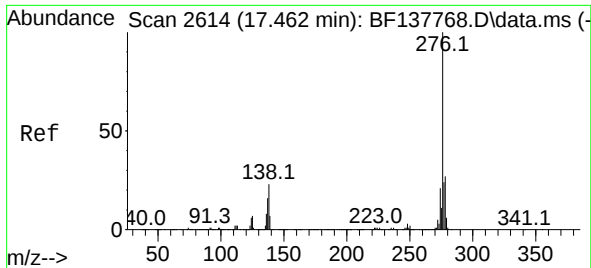
Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

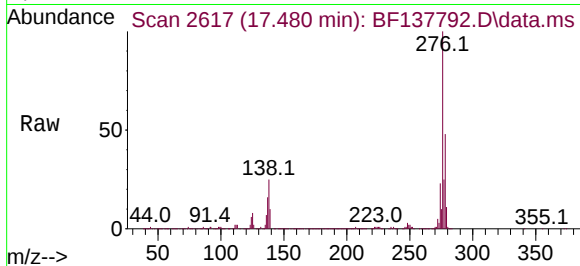
265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.304 ng
RT: 17.480 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

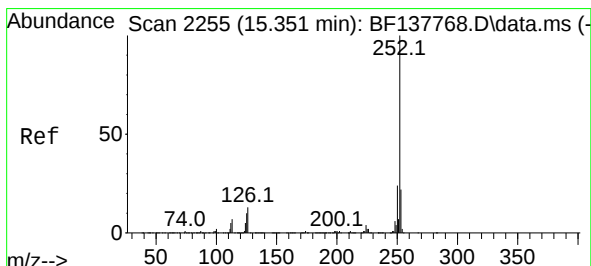
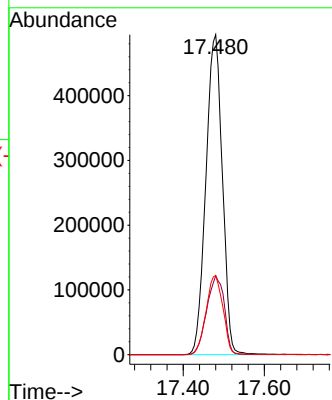
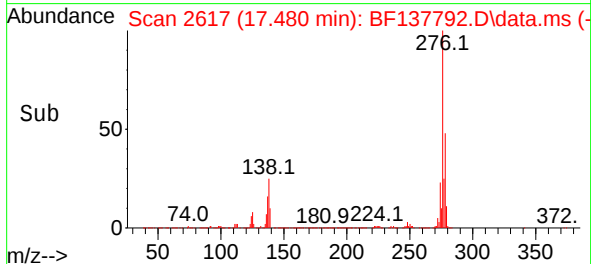
Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS



Tgt Ion:276 Resp: 1389324
Ion Ratio Lower Upper
276 100
138 26.3 21.4 32.0
277 25.4 20.1 30.1

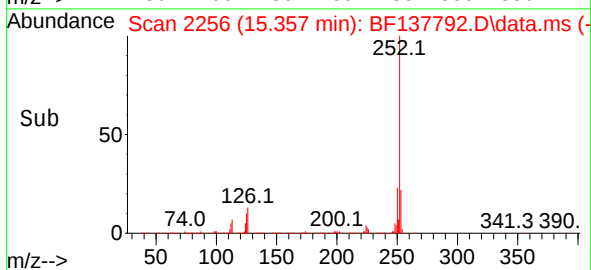
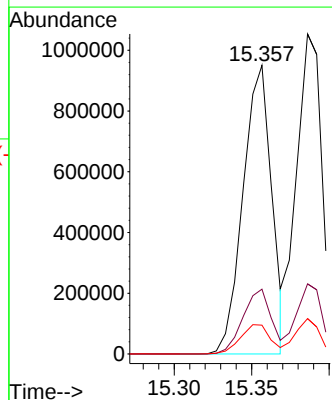
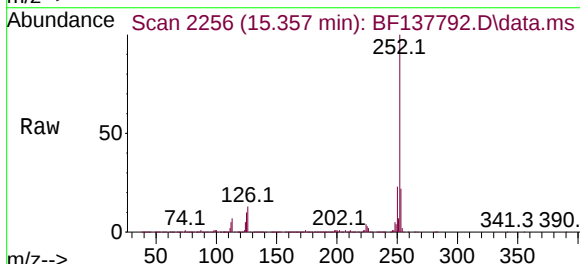
Manual Integrations
APPROVED

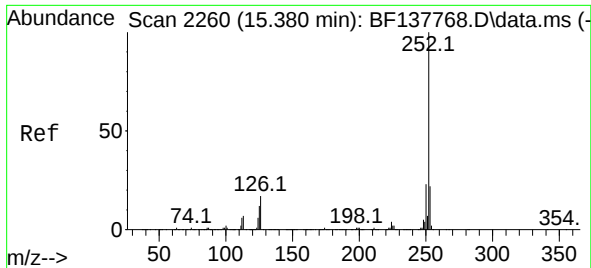
Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#88
Benzo(b)fluoranthene
Concen: 44.381 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion:252 Resp: 1220124
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 45.675 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF137792.D

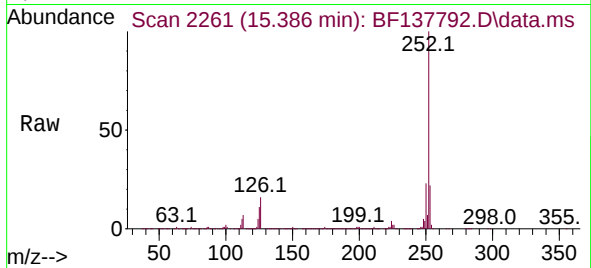
Acq: 01 May 2024 15:21

Instrument :

BNA_F

ClientSampleId :

MW-4-20240429MS



Tgt Ion:252 Resp: 121366

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

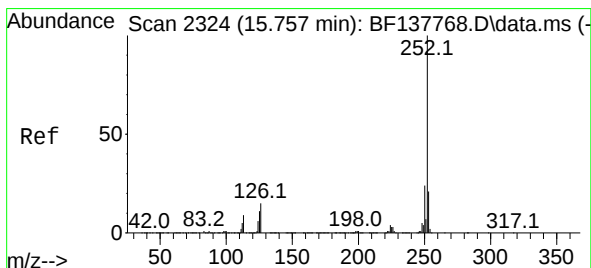
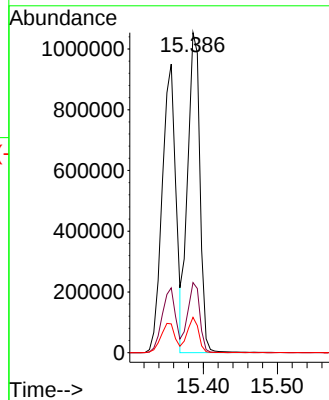
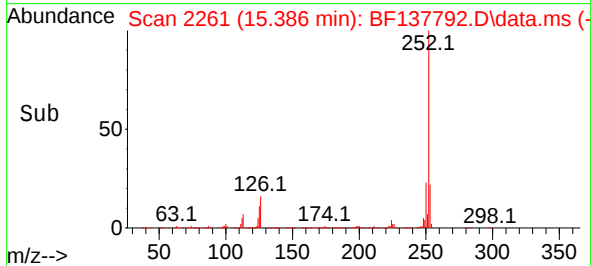
125 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024

Supervised By :mohammad ahmed 05/03/2024



#90

Benzo(a)pyrene

Concen: 50.501 ng

RT: 15.762 min Scan# 2325

Delta R.T. 0.006 min

Lab File: BF137792.D

Acq: 01 May 2024 15:21

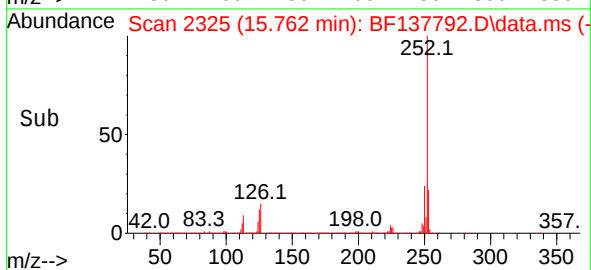
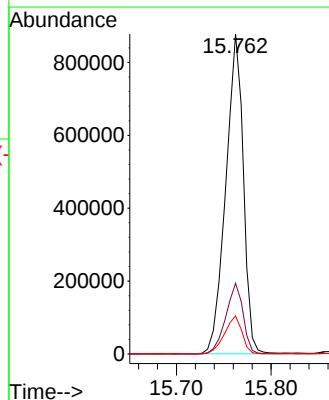
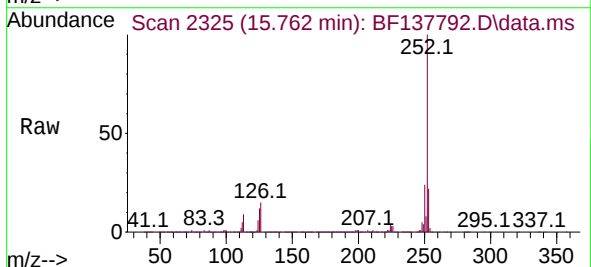
Tgt Ion:252 Resp: 1132663

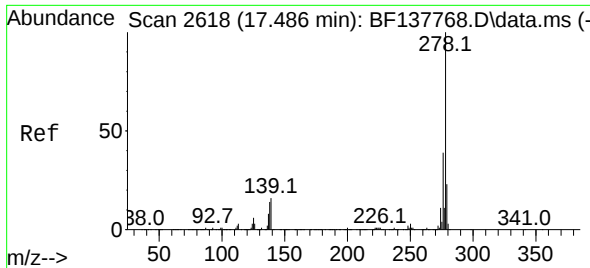
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 11.9 9.0 13.6





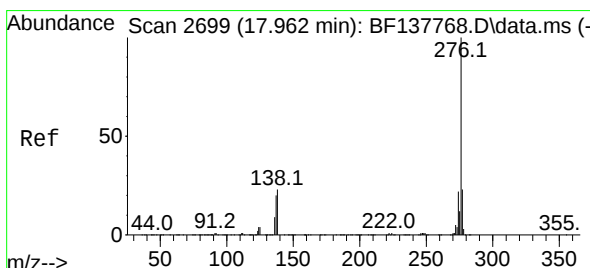
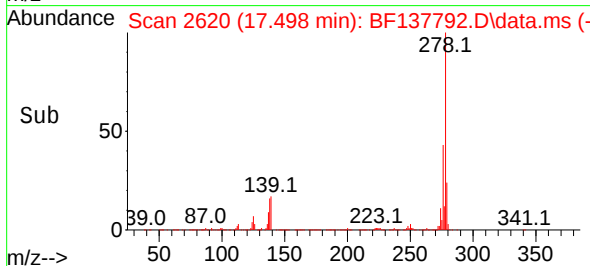
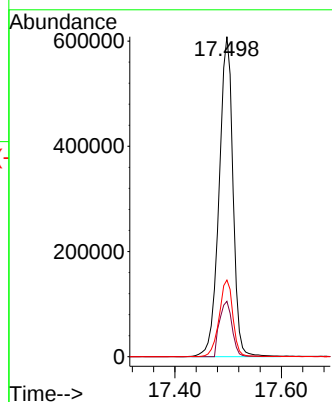
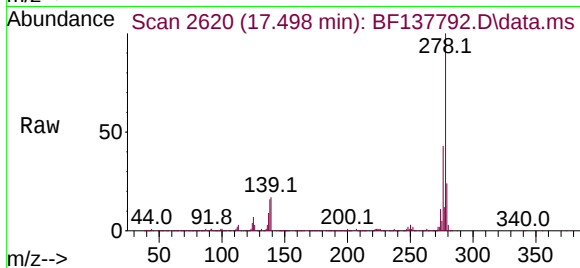
#91
Dibenzo(a,h)anthracene
Concen: 53.838 ng
RT: 17.498 min Scan# 2702
Delta R.T. 0.012 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Instrument :
BNA_F
ClientSampleId :
MW-4-20240429MS

Tgt Ion:278 Resp: 1100894
Ion Ratio Lower Upper
278 100
139 17.3 13.0 19.6
279 23.9 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
Supervised By :mohammad ahmed 05/03/2024



#92
Benzo(g,h,i)perylene
Concen: 51.124 ng
RT: 17.980 min Scan# 2702
Delta R.T. 0.018 min
Lab File: BF137792.D
Acq: 01 May 2024 15:21

Tgt Ion:276 Resp: 1095896
Ion Ratio Lower Upper
276 100
277 24.0 18.0 27.0
138 23.2 18.1 27.1

