

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139693.D
 Acq On : 07 Oct 2024 18:28
 Operator : RC/JU
 Sample : P4290-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 08 01:12:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88689	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	336326	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	191822	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	372990	20.000	ng	0.00
76) Chrysene-d12	14.033	240	199606	20.000	ng	0.00
86) Perylene-d12	15.498	264	186804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	506681	99.020	ng	0.00
7) Phenol-d6	6.504	99	691937	100.555	ng	0.00
23) Nitrobenzene-d5	7.428	82	453058	68.203	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	191365	103.344	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	854527	68.389	ng	0.00
79) Terphenyl-d14	12.974	244	945104	77.691	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	105410	47.648	ng	98
3) Pyridine	3.463	79	261444	48.592	ng	97
4) n-Nitrosodimethylamine	3.422	42	174088	49.432	ng	95
6) Aniline	6.528	93	282570	46.276	ng	# 83
8) 2-Chlorophenol	6.651	128	275384	50.232	ng	99
9) Benzaldehyde	6.416	77	90421	24.806	ng	100
10) Phenol	6.516	94	368053	50.867	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	272338	46.227	ng	99
12) 1,3-Dichlorobenzene	6.804	146	289914	47.009	ng	100
13) 1,4-Dichlorobenzene	6.881	146	296158	47.414	ng	99
14) 1,2-Dichlorobenzene	7.034	146	278433	47.562	ng	100
15) Benzyl Alcohol	7.010	79	262787	49.982	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	486146	47.667	ng	94
17) 2-Methylphenol	7.122	107	227331	49.671	ng	99
18) Hexachloroethane	7.375	117	109488	46.994	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	205808	46.521	ng	98
20) 3+4-Methylphenols	7.275	107	281659	48.997	ng	98
22) Acetophenone	7.275	105	377709	47.312	ng	98
24) Nitrobenzene	7.451	77	319963	46.516	ng	99
25) Isophorone	7.686	82	569628	48.280	ng	99
26) 2-Nitrophenol	7.763	139	152222	51.477	ng	99
27) 2,4-Dimethylphenol	7.804	122	217012m	59.947	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	335167	47.573	ng	99
29) 2,4-Dichlorophenol	8.010	162	234894	49.746	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	243552	45.610	ng	100
31) Naphthalene	8.169	128	817568	47.544	ng	99
32) Benzoic acid	7.933	122	167169	46.441	ng	97
33) 4-Chloroaniline	8.222	127	82040	14.095	ng	99
34) Hexachlorobutadiene	8.280	225	153552	44.435	ng	99
35) Caprolactam	8.592	113	80070m	51.701	ng	
36) 4-Chloro-3-methylphenol	8.710	107	264467	49.478	ng	99
37) 2-Methylnaphthalene	8.863	142	537913	48.030	ng	100
38) 1-Methylnaphthalene	8.963	142	502561	45.907	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	250515	47.031	ng	99
41) Hexachlorocyclopentadiene	9.010	237	267284	163.648	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	176957	49.280	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139693.D
 Acq On : 07 Oct 2024 18:28
 Operator : RC/JU
 Sample : P4290-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-4MSD

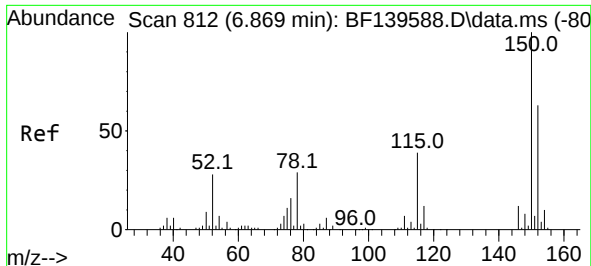
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 08 01:12:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

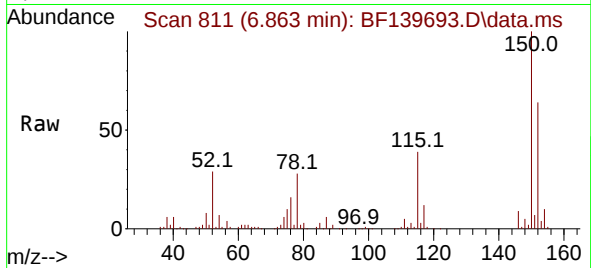
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	187255	48.356	ng	98
46) 1,1'-Biphenyl	9.327	154	667055	46.755	ng	100
47) 2-Chloronaphthalene	9.351	162	503080	47.036	ng	99
48) 2-Nitroaniline	9.451	65	195922	51.029	ng	99
49) Acenaphthylene	9.769	152	840132	51.651	ng	100
50) Dimethylphthalate	9.627	163	620042	49.379	ng	100
51) 2,6-Dinitrotoluene	9.692	165	136116	47.987	ng	94
52) Acenaphthene	9.939	154	601828m	53.896	ng	
53) 3-Nitroaniline	9.863	138	90658	31.275	ng	95
54) 2,4-Dinitrophenol	9.975	184	164155	107.595	ng	97
55) Dibenzofuran	10.110	168	770885	49.307	ng	100
56) 4-Nitrophenol	10.033	139	218922	99.037	ng	94
57) 2,4-Dinitrotoluene	10.098	165	186724	50.361	ng	98
58) Fluorene	10.451	166	603541	48.467	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	161422	51.611	ng	96
60) Diethylphthalate	10.327	149	627365	48.371	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	287898	46.212	ng	97
62) 4-Nitroaniline	10.480	138	145352	49.022	ng	99
63) Azobenzene	10.604	77	743341	56.991	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	109609	52.032	ng	99
66) n-Nitrosodiphenylamine	10.563	169	534376	48.604	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	176624	46.185	ng	97
68) Hexachlorobenzene	10.998	284	198868	46.863	ng	98
69) Atrazine	11.092	200	174971	59.316	ng	100
70) Pentachlorophenol	11.198	266	226845	89.774	ng	98
71) Phenanthrene	11.416	178	878580	49.957	ng	100
72) Anthracene	11.469	178	902778	51.888	ng	100
73) Carbazole	11.627	167	815557	48.805	ng	99
74) Di-n-butylphthalate	11.951	149	976714	48.065	ng	99
75) Fluoranthene	12.604	202	935405	48.656	ng	99
77) Benzidine	12.727	184	128947	36.624	ng	99
78) Pyrene	12.833	202	933098	52.267	ng	99
80) Butylbenzylphthalate	13.451	149	348360	54.553	ng	97
81) Benzo(a)anthracene	14.021	228	651594	49.652	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	139395	34.707	ng	98
83) Chrysene	14.057	228	600279	50.031	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	429997	53.926	ng	99
85) Di-n-octyl phthalate	14.615	149	613617	52.381	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	614462	55.886	ng	99
88) Benzo(b)fluoranthene	15.068	252	554425	45.902	ng	99
89) Benzo(k)fluoranthene	15.104	252	488919	47.719	ng	99
90) Benzo(a)pyrene	15.439	252	500149	52.516	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	499603	54.785	ng	99
92) Benzo(g,h,i)perylene	17.427	276	478770	52.349	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

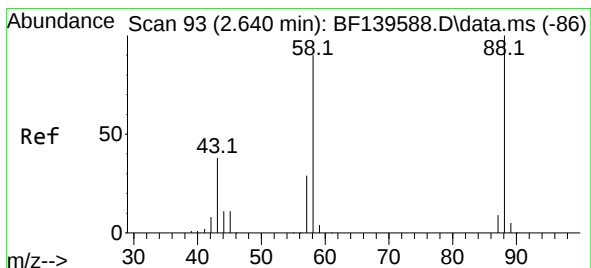
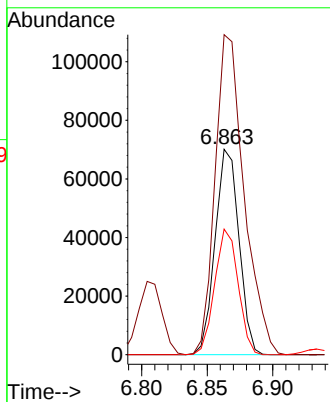
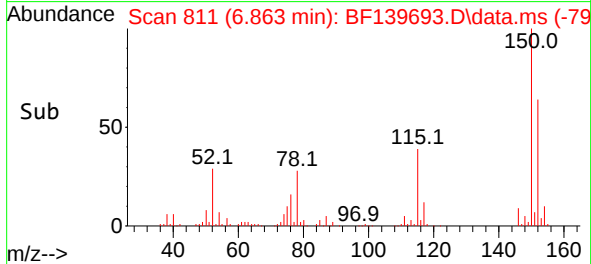
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion:152 Resp: 88689
Ion Ratio Lower Upper
152 100
150 155.7 127.2 190.8
115 61.1 49.0 73.4

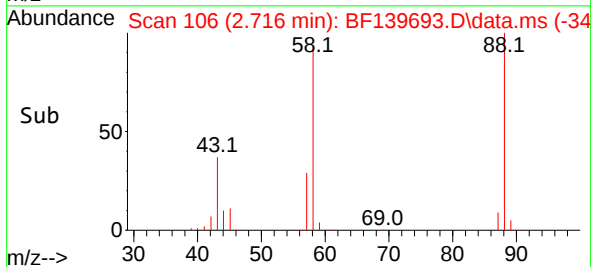
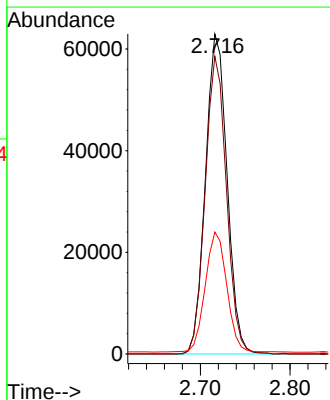
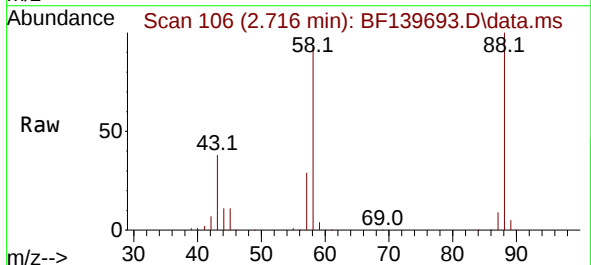
Manual Integrations
APPROVED

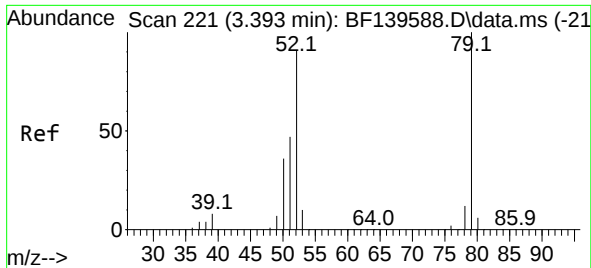
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#2
1,4-Dioxane
Concen: 47.648 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.076 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 88 Resp: 105410
Ion Ratio Lower Upper
88 100
58 91.6 72.0 108.0
43 37.6 30.8 46.2





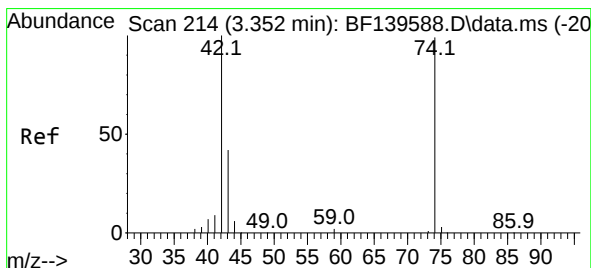
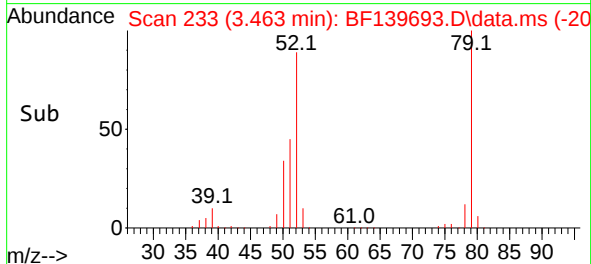
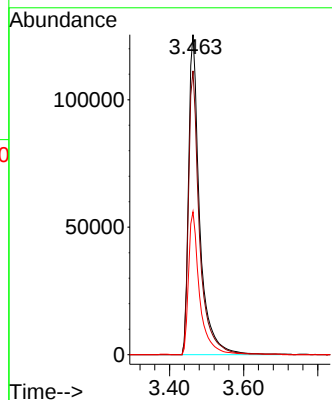
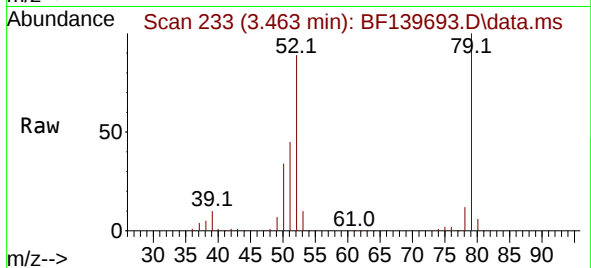
#3
Pyridine
Concen: 48.592 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.070 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion: 79 Resp: 26144
Ion Ratio Lower Upper
79 100
52 88.7 72.6 109.0
51 44.6 37.5 56.3

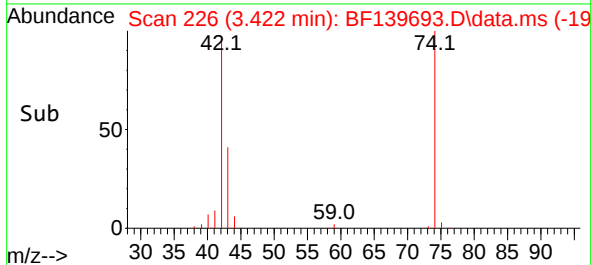
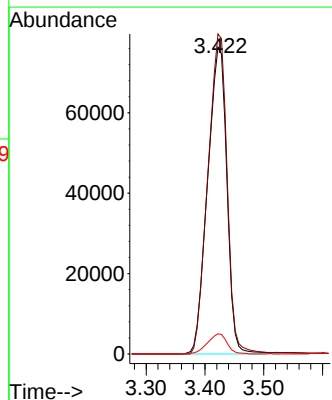
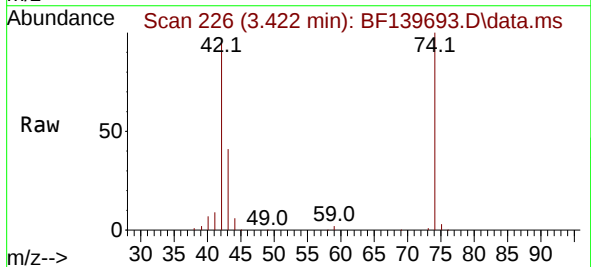
Manual Integrations
APPROVED

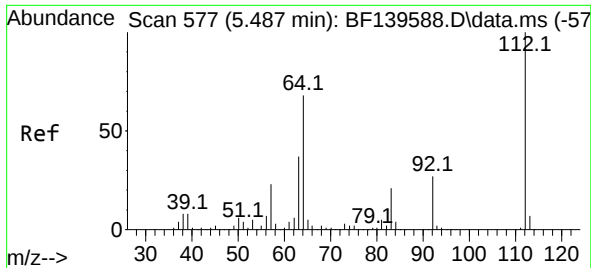
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#4
n-Nitrosodimethylamine
Concen: 49.432 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.070 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 42 Resp: 174088
Ion Ratio Lower Upper
42 100
74 104.3 79.0 118.6
44 6.6 5.2 7.8





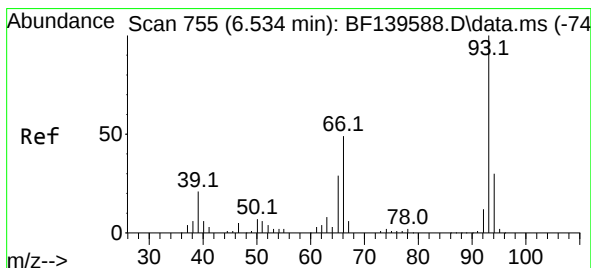
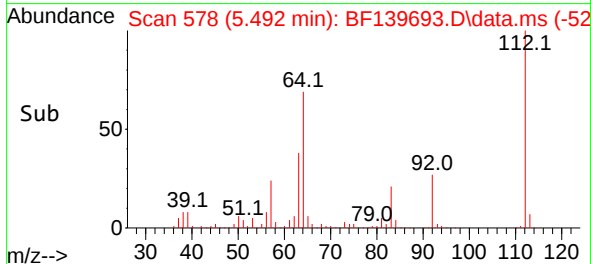
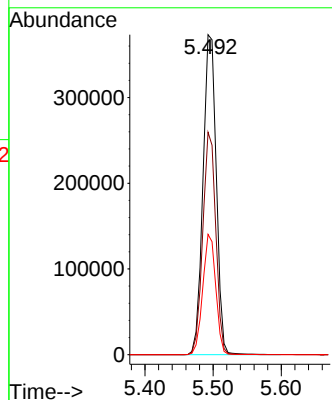
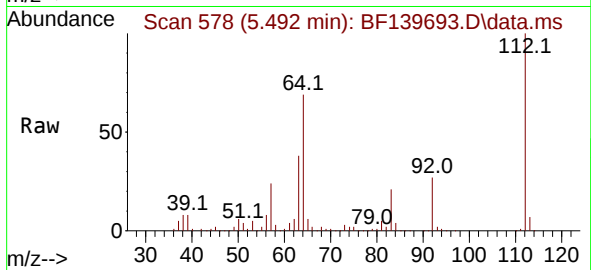
#5
2-Fluorophenol
Concen: 99.020 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:112 Resp: 50668
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 37.6 29.4 44.2

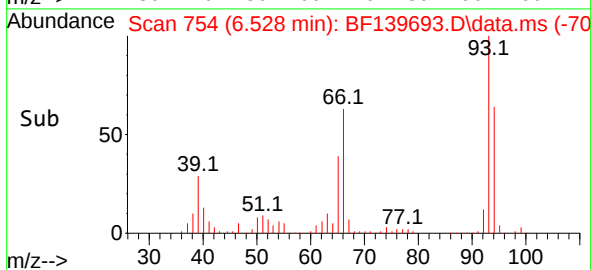
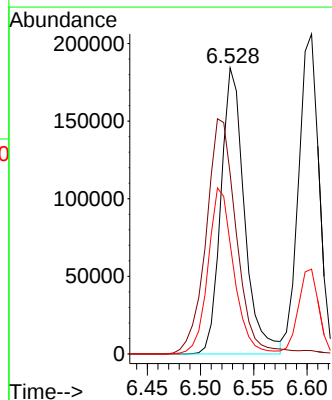
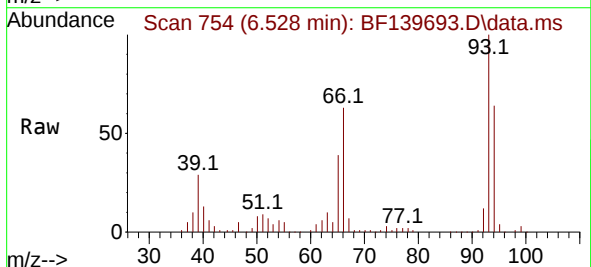
Manual Integrations
APPROVED

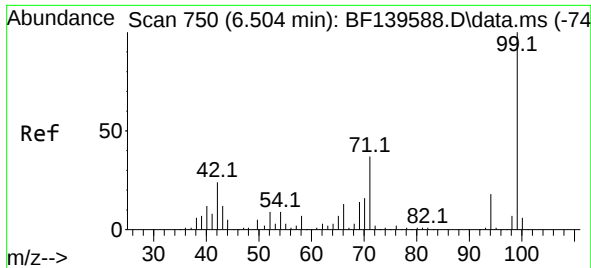
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#6
Aniline
Concen: 46.276 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

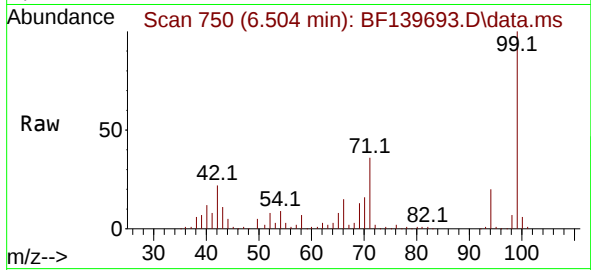
Tgt Ion: 93 Resp: 282570
Ion Ratio Lower Upper
93 100
66 63.0 40.9 61.3#
65 38.6 23.3 34.9#





#7
Phenol-d6
Concen: 100.555 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

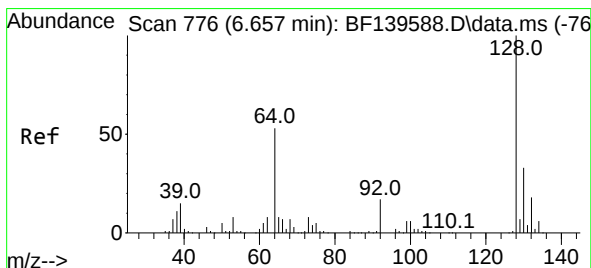
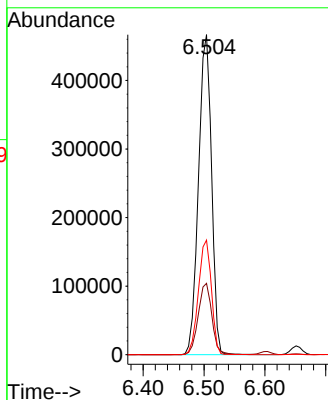
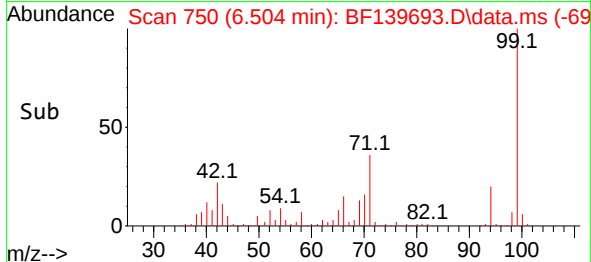
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion: 99 Resp: 69193
Ion Ratio Lower Upper
99 100
42 22.3 19.1 28.7
71 35.8 29.7 44.5

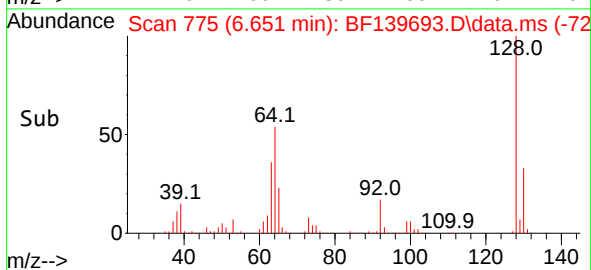
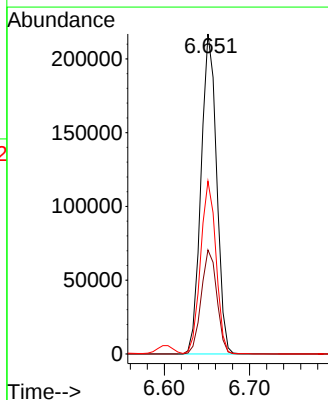
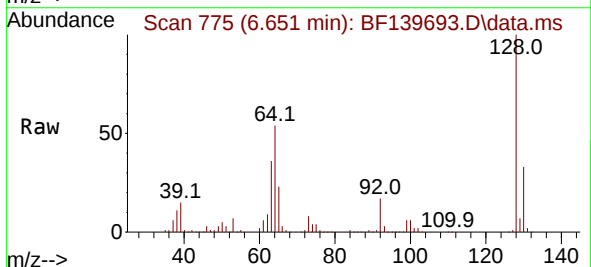
Manual Integrations
APPROVED

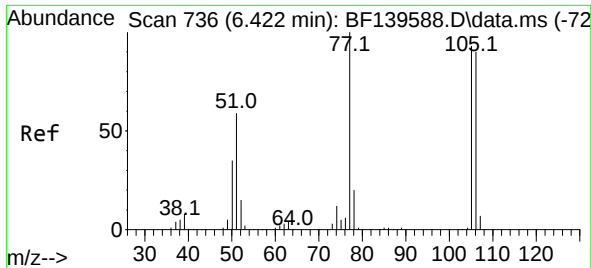
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#8
2-Chlorophenol
Concen: 50.232 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:128 Resp: 275384
Ion Ratio Lower Upper
128 100
130 32.5 13.2 53.2
64 54.0 35.1 75.1





#9

Benzaldehyde

Concen: 24.806 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

Tgt Ion: 77 Resp: 9042

Ion Ratio Lower Upper

77 100

105 92.5 72.7 112.7

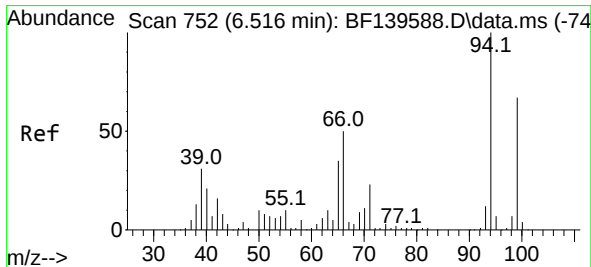
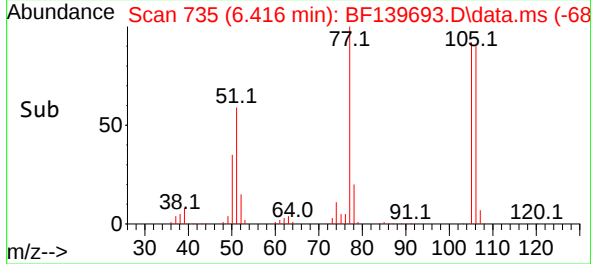
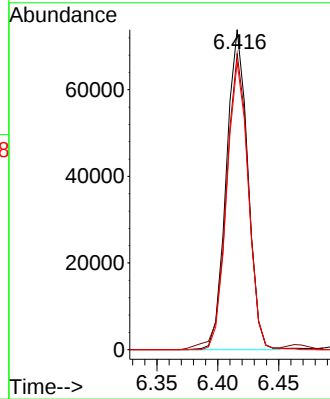
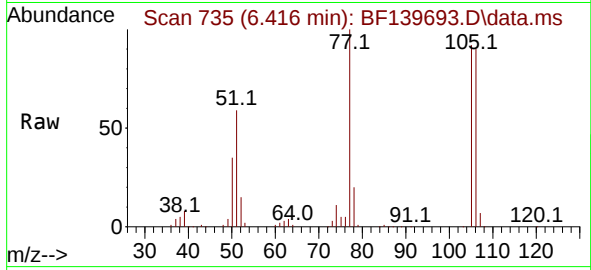
106 89.8 70.1 110.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#10

Phenol

Concen: 50.867 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

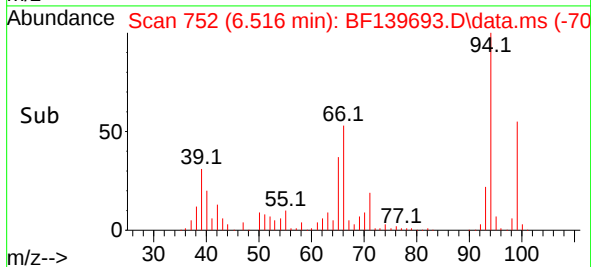
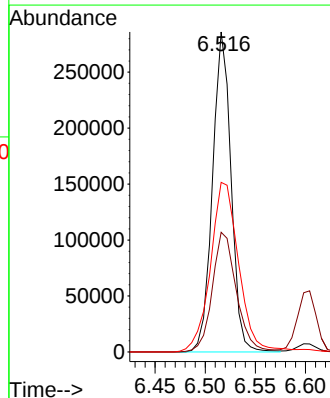
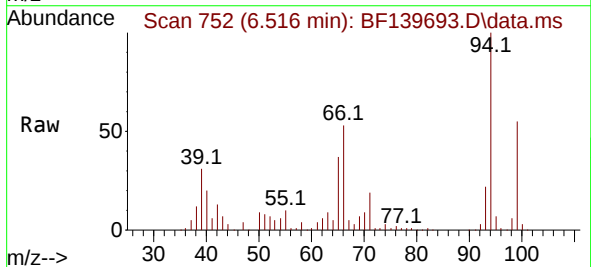
Tgt Ion: 94 Resp: 368053

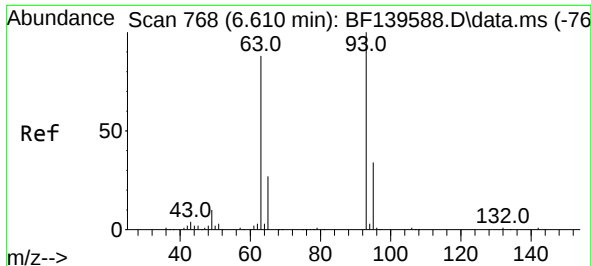
Ion Ratio Lower Upper

94 100

65 37.4 15.3 55.3

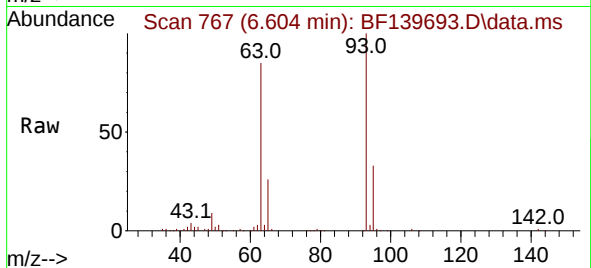
66 53.0 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 46.227 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

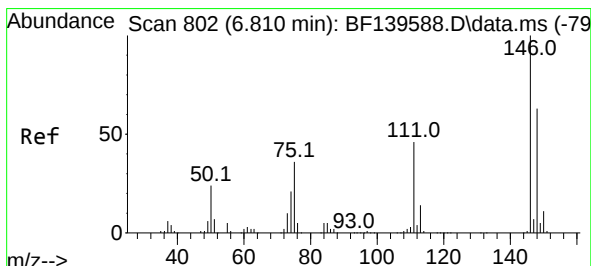
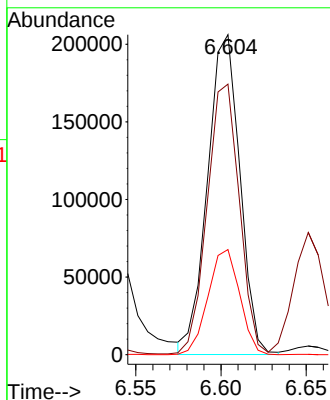
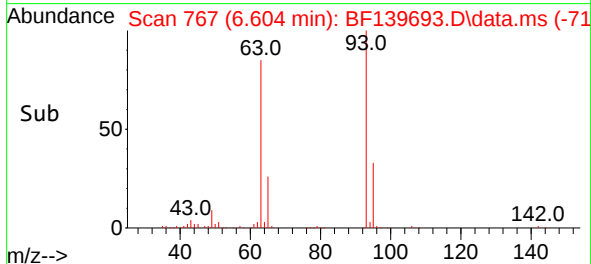
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion: 93 Resp: 272338
Ion Ratio Lower Upper
93 100
63 84.6 64.1 104.1
95 32.9 12.3 52.3

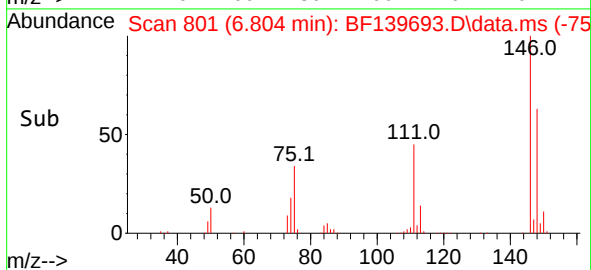
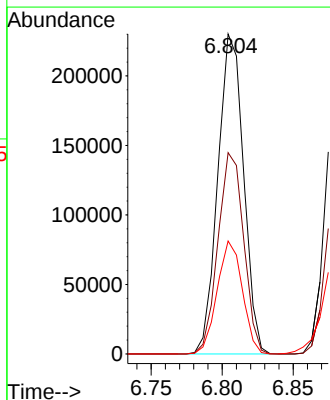
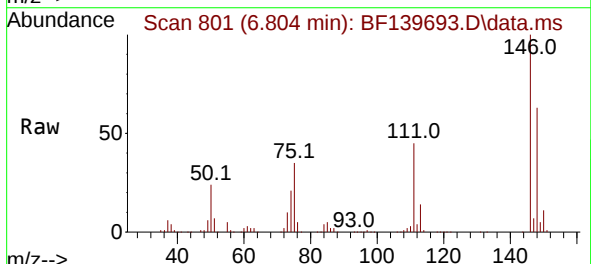
Manual Integrations
APPROVED

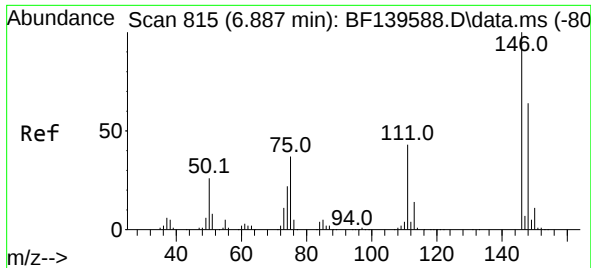
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#12
1,3-Dichlorobenzene
Concen: 47.009 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

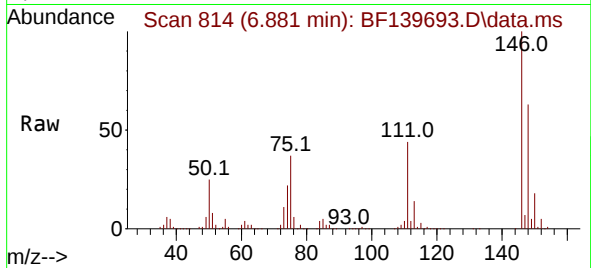
Tgt Ion:146 Resp: 289914
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.4
75 35.3 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 47.414 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

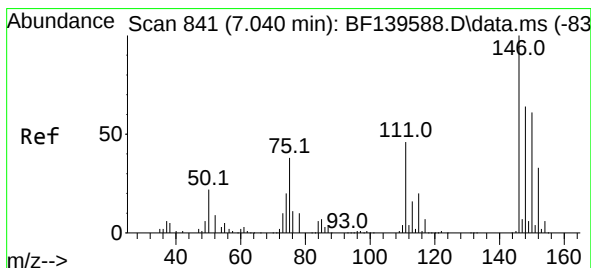
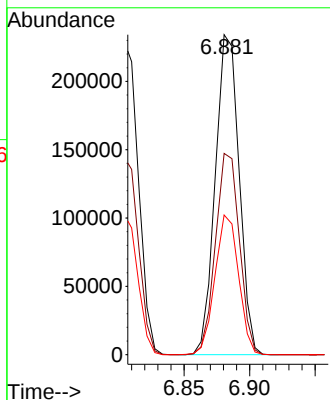
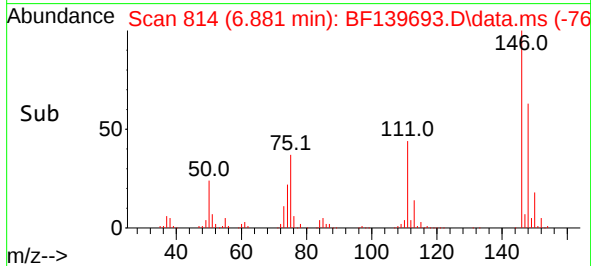
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion:146 Resp: 296158
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 43.7 34.9 52.3

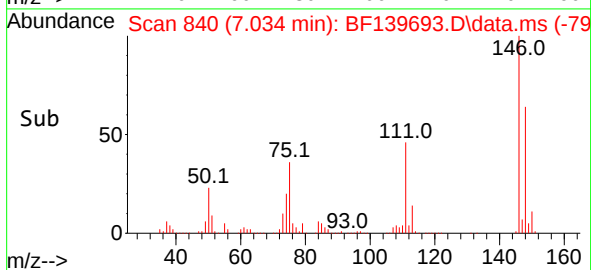
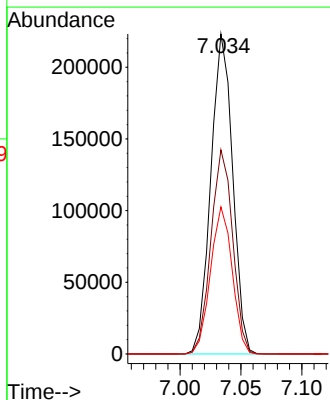
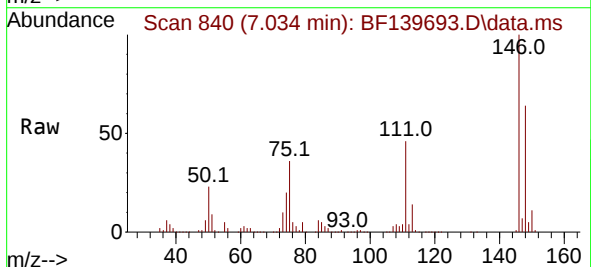
Manual Integrations
APPROVED

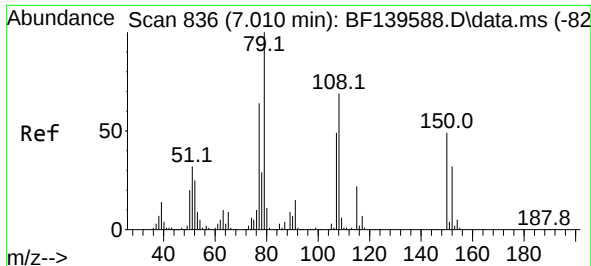
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#14
1,2-Dichlorobenzene
Concen: 47.562 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

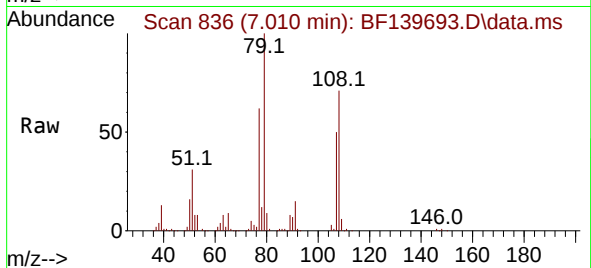
Tgt Ion:146 Resp: 278433
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 45.9 37.0 55.6





#15
Benzyl Alcohol
Concen: 49.982 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

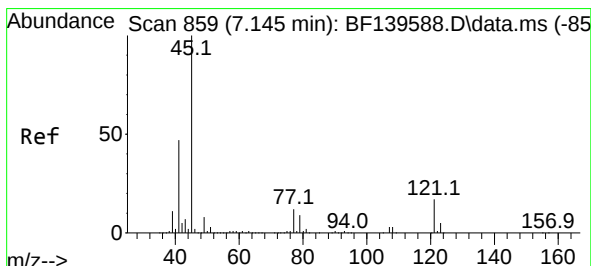
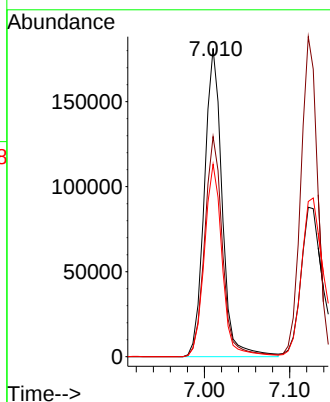
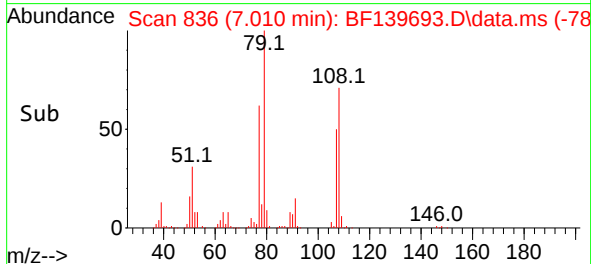
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



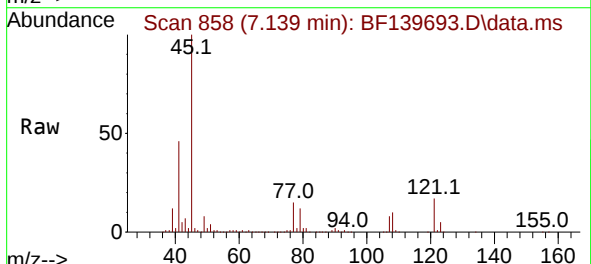
Tgt Ion: 79 Resp: 26278
Ion Ratio Lower Upper
79 100
108 71.4 55.1 82.7
77 62.4 50.8 76.2

Manual Integrations
APPROVED

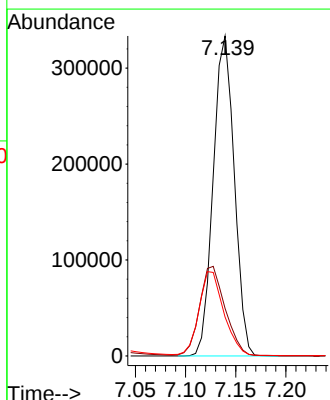
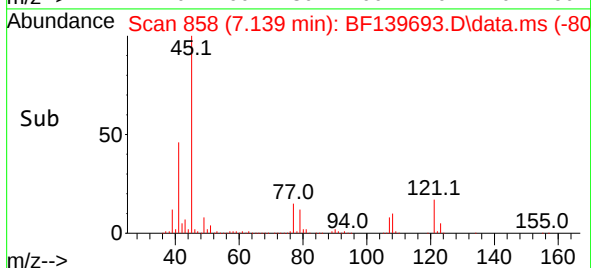
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

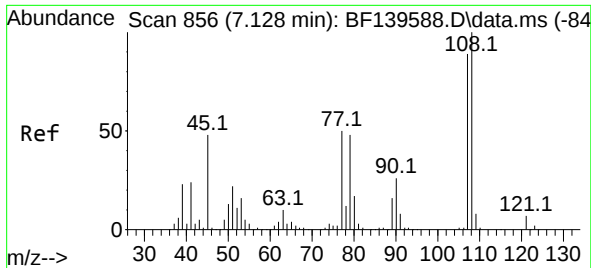


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.667 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28



Tgt Ion: 45 Resp: 486146
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.5
79 12.1 0.0 29.7





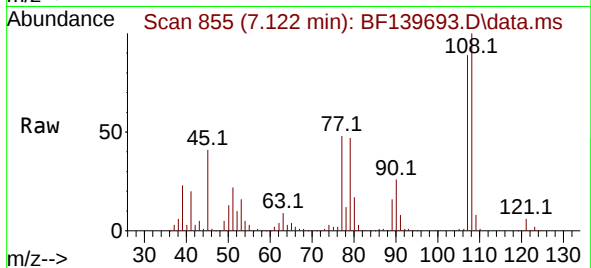
#17
2-Methylphenol
Concen: 49.671 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

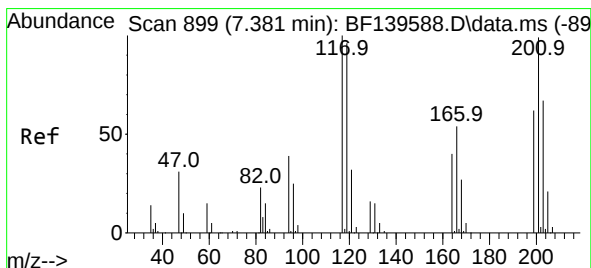
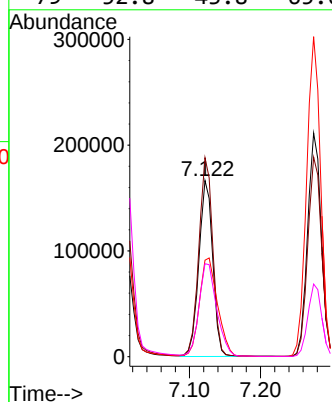
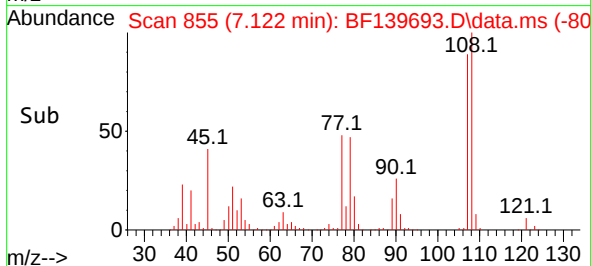


Tgt Ion:107 Resp: 22733
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.6
77 54.8 44.6 67.0
79 52.8 43.8 65.6

Manual Integrations

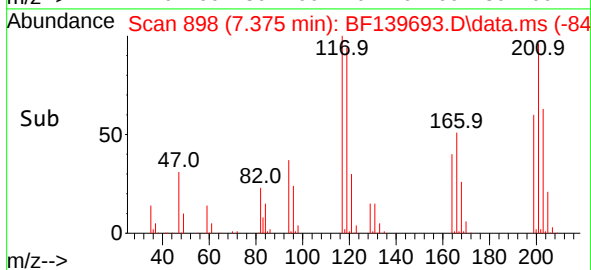
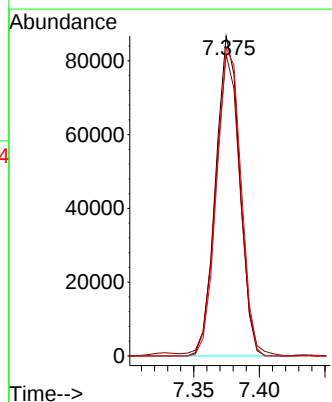
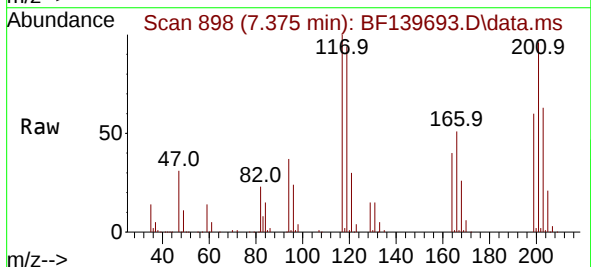
APPROVED

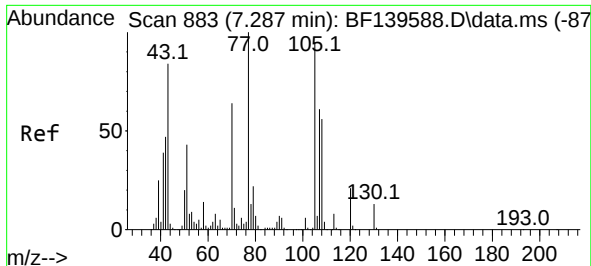
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#18
Hexachloroethane
Concen: 46.994 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:117 Resp: 109488
Ion Ratio Lower Upper
117 100
119 94.3 77.0 115.6
201 96.2 79.2 118.8





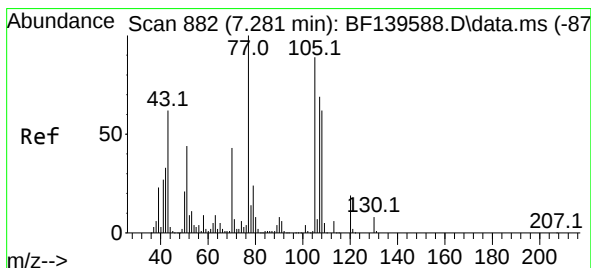
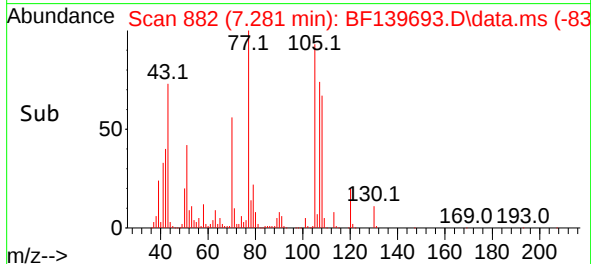
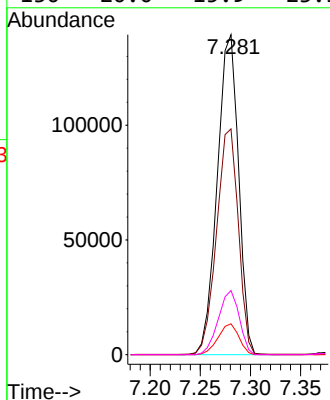
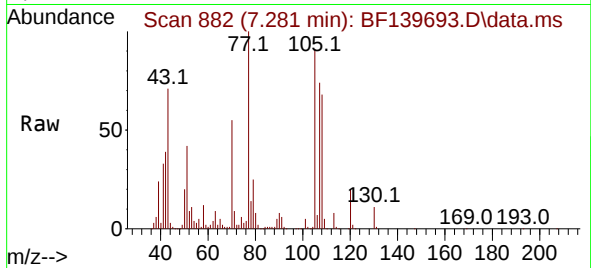
#19
n-Nitroso-di-n-propylamine
Concen: 46.521 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion: 70 Resp: 205808
Ion Ratio Lower Upper
70 100
42 70.5 58.0 87.0
101 9.6 7.8 11.8
130 20.0 15.9 23.9

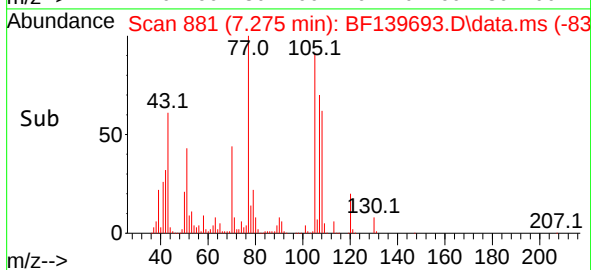
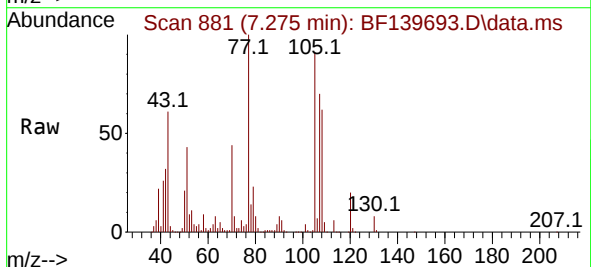
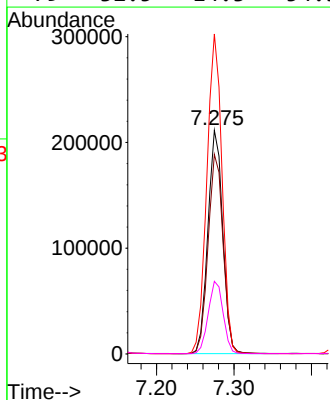
Manual Integrations
APPROVED

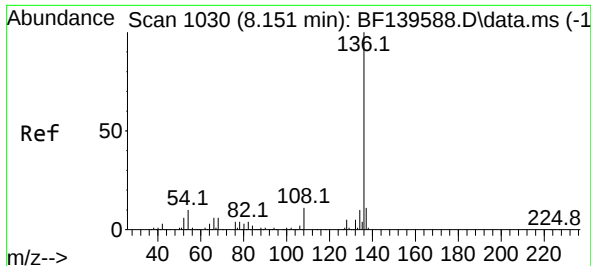
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#20
3+4-Methylphenols
Concen: 48.997 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:107 Resp: 281659
Ion Ratio Lower Upper
107 100
108 89.2 70.2 110.2
77 143.1 125.3 165.3
79 32.5 14.3 54.3





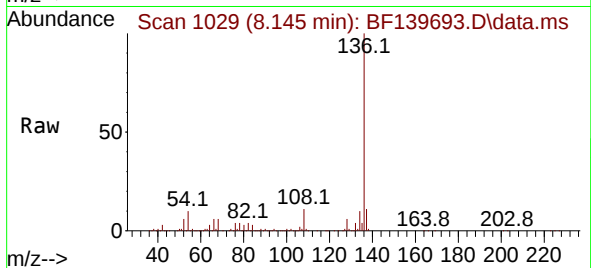
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

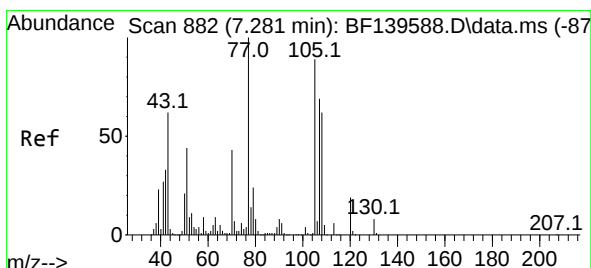
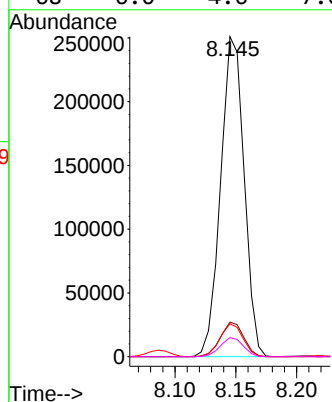
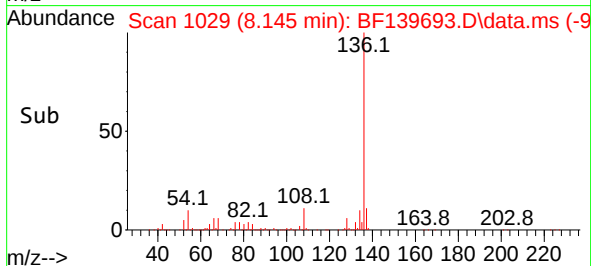


Tgt Ion:136 Resp: 336320
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.3 12.5
68 6.0 4.6 7.0

Manual Integrations

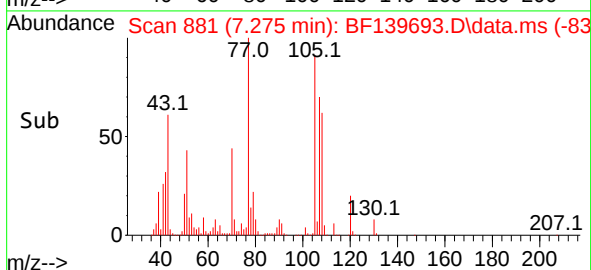
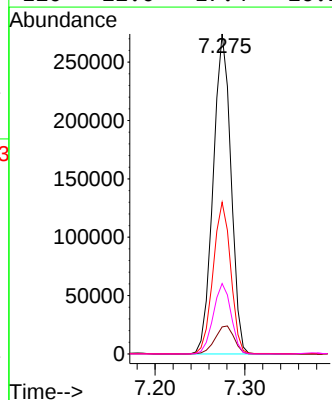
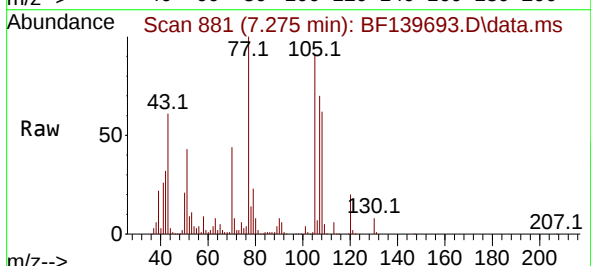
APPROVED

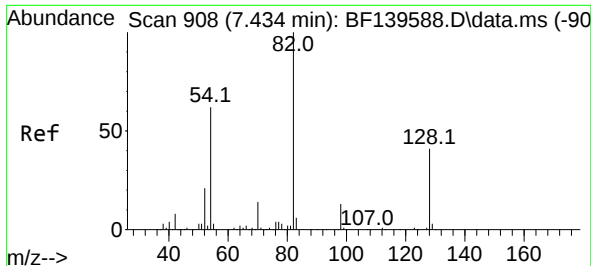
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#22
Acetophenone
Concen: 47.312 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:105 Resp: 377709
Ion Ratio Lower Upper
105 100
71 8.4 6.6 10.0
51 47.4 39.4 59.0
120 22.0 17.4 26.2





#23
Nitrobenzene-d5
Concen: 68.203 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

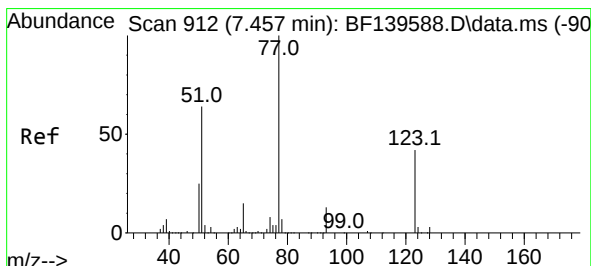
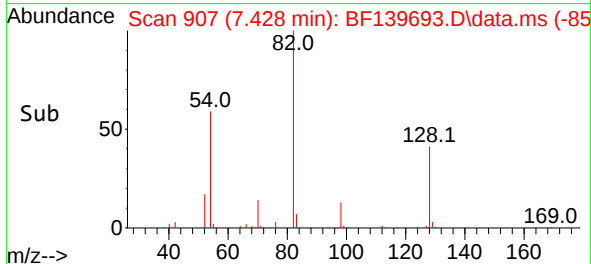
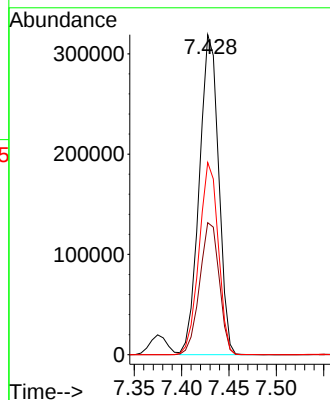
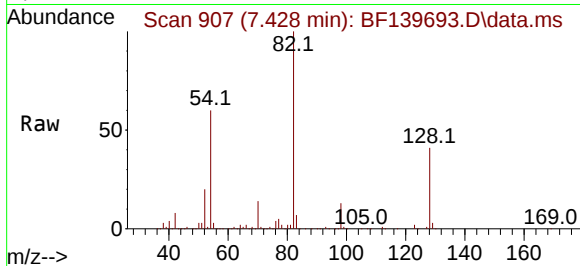
ClientSampleId :

IB-4MSD

Tgt Ion: 82 Resp: 453058
Ion Ratio Lower Upper
82 100
128 41.3 32.4 48.6
54 60.0 49.1 73.7

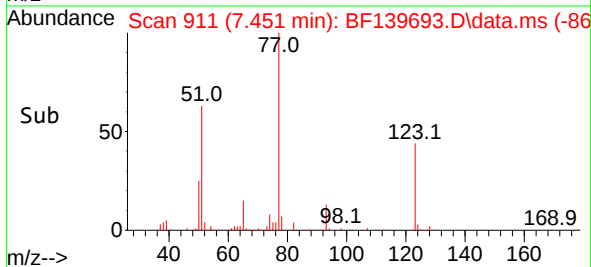
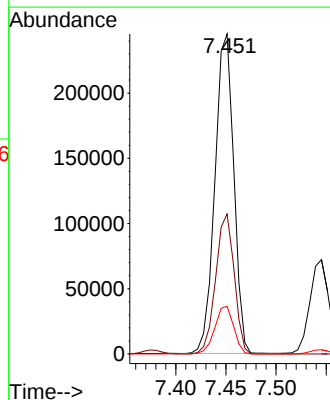
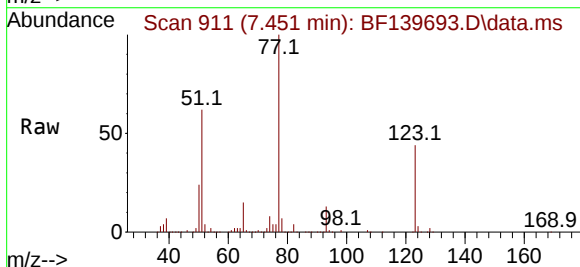
Manual Integrations
APPROVED

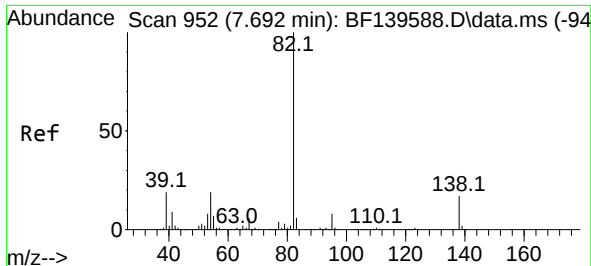
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#24
Nitrobenzene
Concen: 46.516 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 77 Resp: 319963
Ion Ratio Lower Upper
77 100
123 43.8 34.2 51.4
65 14.9 12.1 18.1





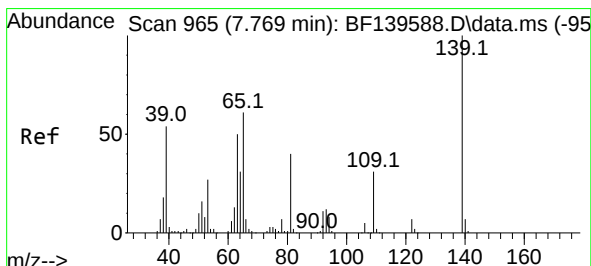
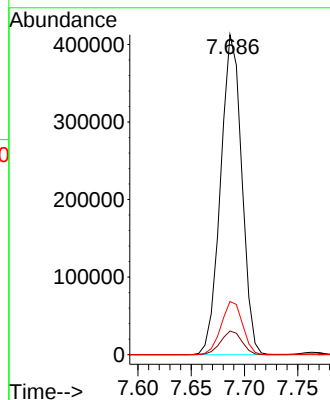
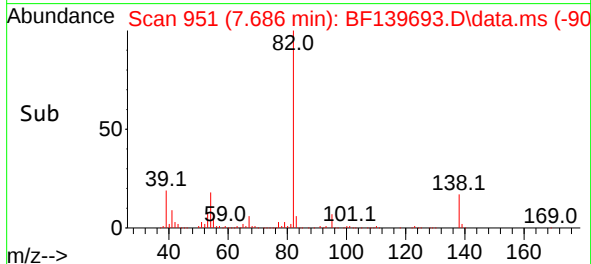
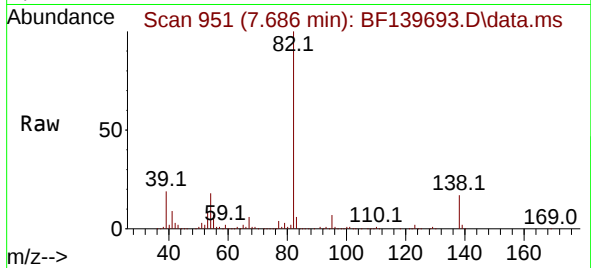
#25
Isophorone
Concen: 48.280 ng
RT: 7.686 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion: 82 Resp: 569628
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.6 13.4 20.2

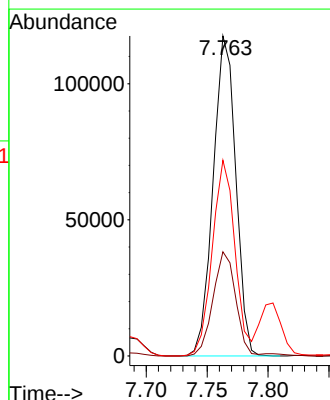
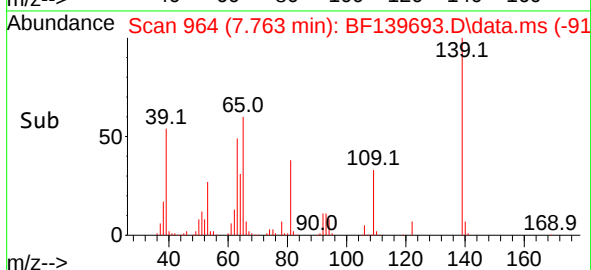
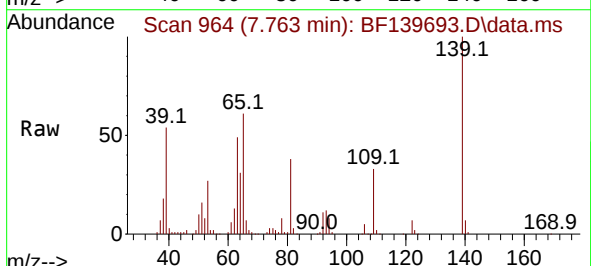
Manual Integrations
APPROVED

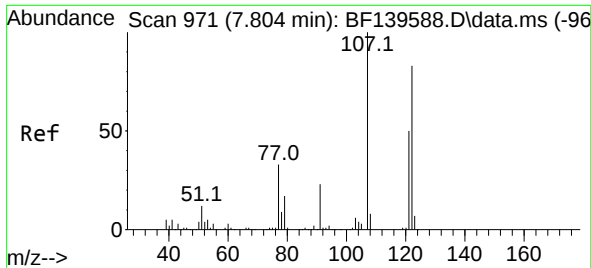
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#26
2-Nitrophenol
Concen: 51.477 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:139 Resp: 152222
Ion Ratio Lower Upper
139 100
109 32.6 24.9 37.3
65 61.1 48.6 72.8





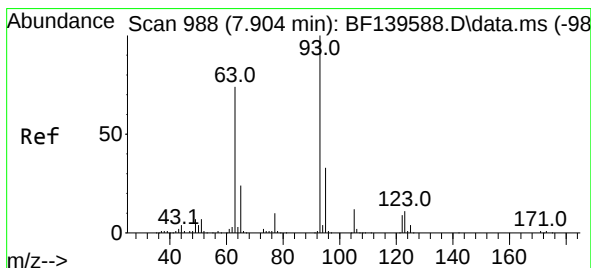
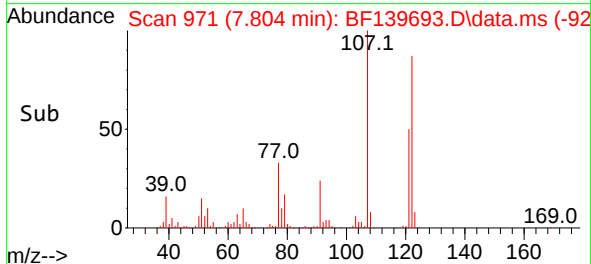
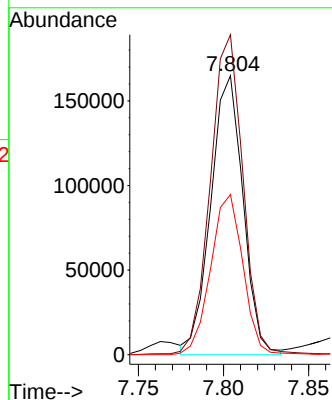
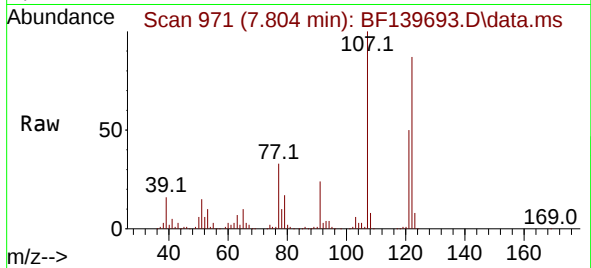
#27
2,4-Dimethylphenol
Concen: 59.947 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:122 Resp: 21701
Ion Ratio Lower Upper
122 100
107 114.7 95.4 143.0
121 57.4 47.4 71.2

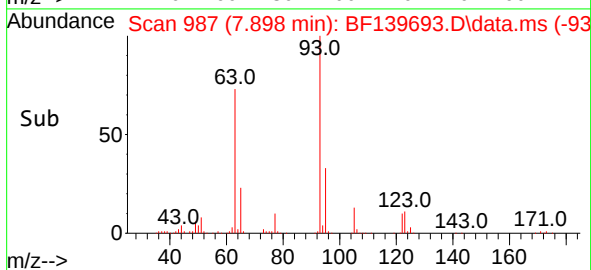
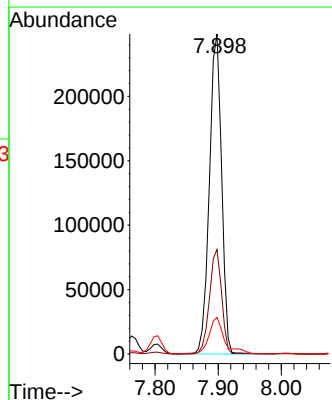
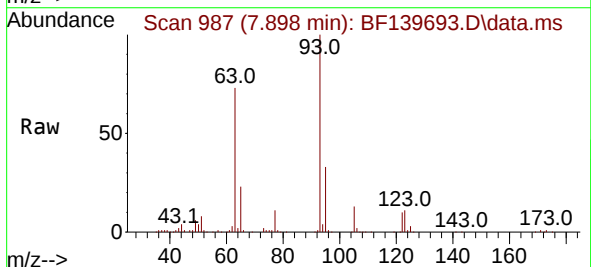
Manual Integrations
APPROVED

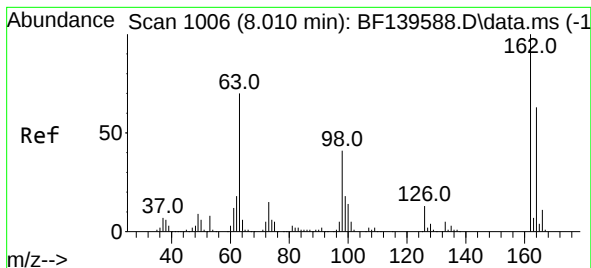
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.573 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

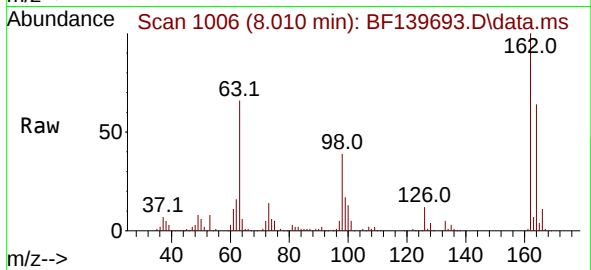
Tgt Ion: 93 Resp: 335167
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.4 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 49.746 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

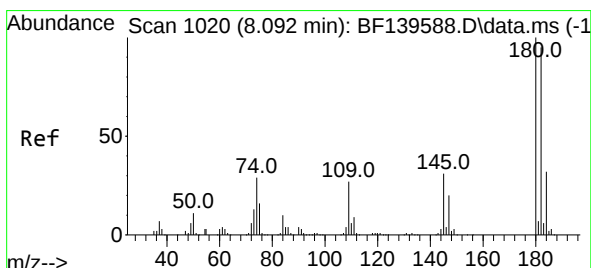
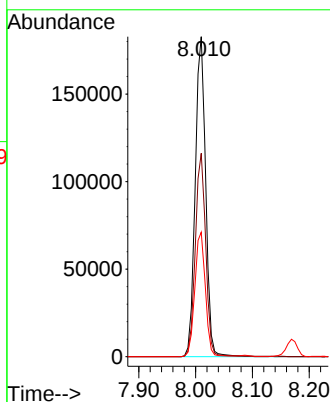
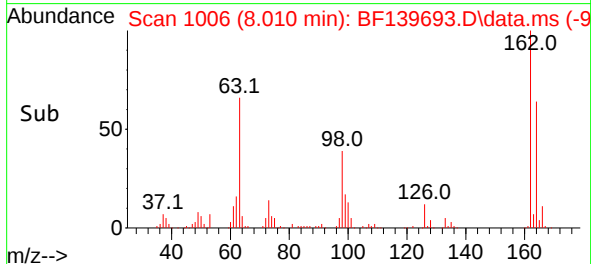
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



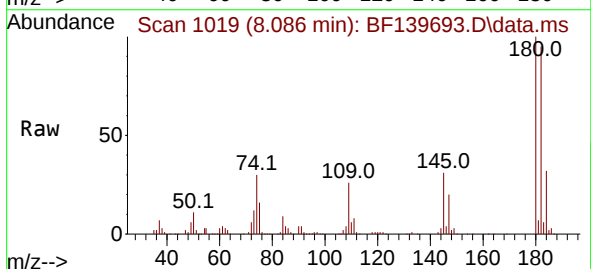
Tgt Ion:162 Resp: 234894
Ion Ratio Lower Upper
162 100
164 63.5 43.1 83.1
98 38.9 20.8 60.8

Manual Integrations
APPROVED

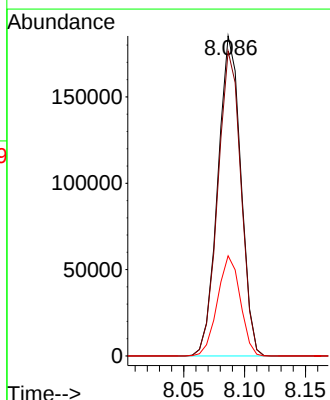
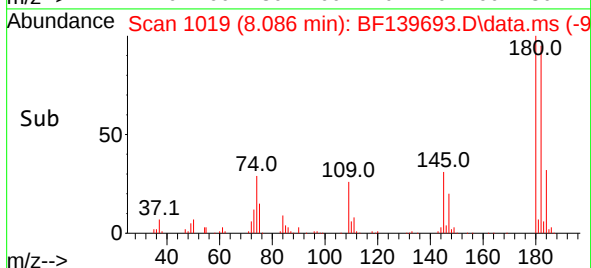
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

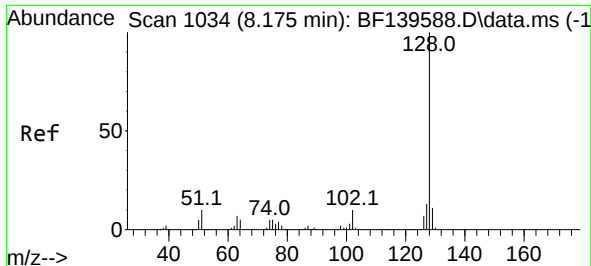


#30
1,2,4-Trichlorobenzene
Concen: 45.610 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28



Tgt Ion:180 Resp: 243552
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 31.3 25.0 37.6





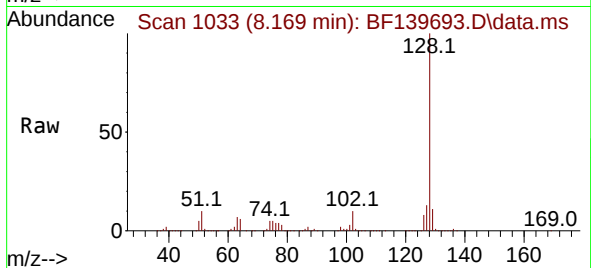
#31
Naphthalene
Concen: 47.544 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

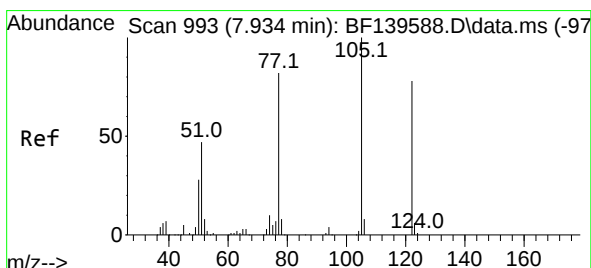
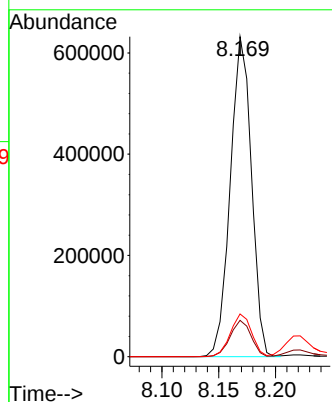
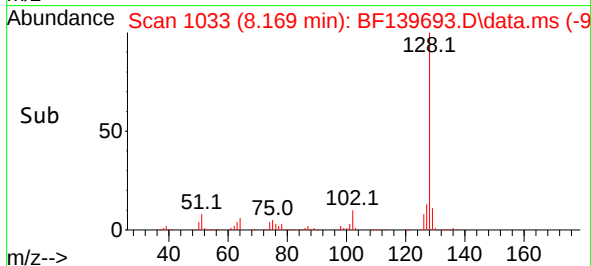


Tgt Ion:128 Resp: 81756
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.5 15.7

Manual Integrations

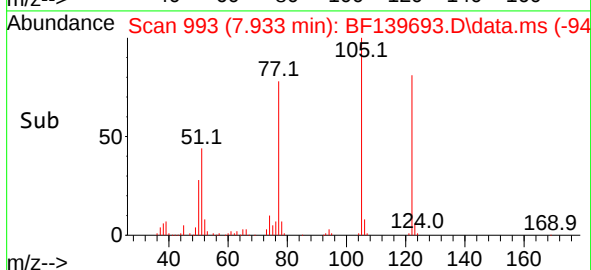
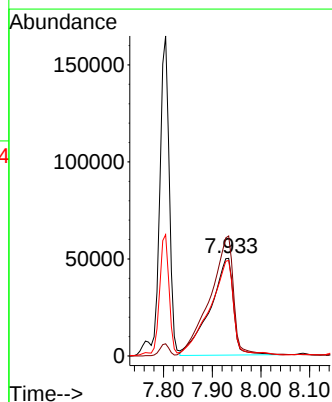
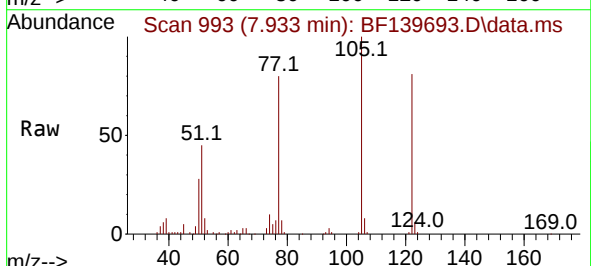
APPROVED

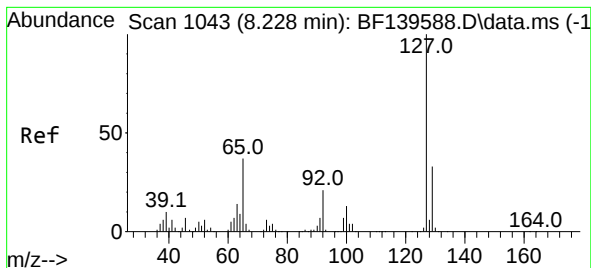
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#32
Benzoic acid
Concen: 46.441 ng
RT: 7.933 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:122 Resp: 167169
Ion Ratio Lower Upper
122 100
105 122.9 104.9 144.9
77 97.9 82.7 122.7





#33
4-Chloroaniline
Concen: 14.095 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

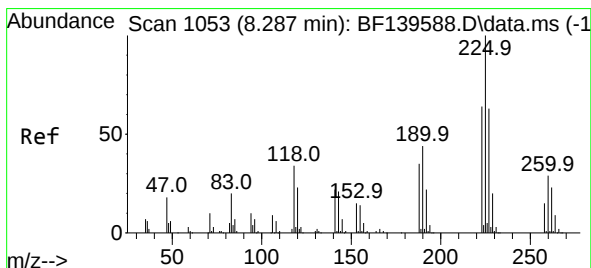
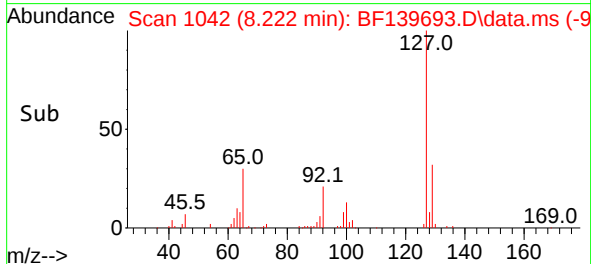
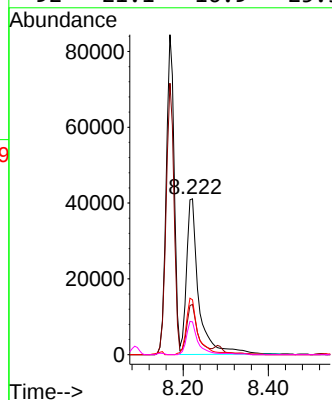
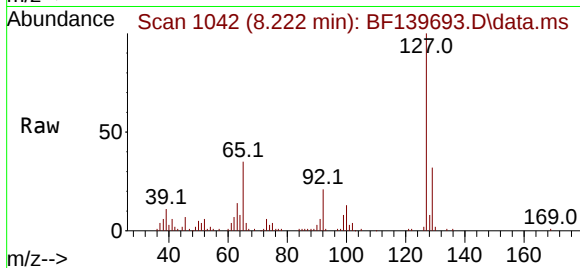
IB-4MSD

Tgt Ion:127 Resp: 82040
Ion Ratio Lower Upper
127 100
129 32.2 26.2 39.4
65 35.3 29.3 43.9
92 21.1 16.9 25.3

Manual Integrations

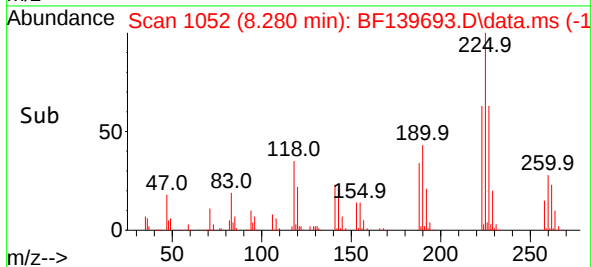
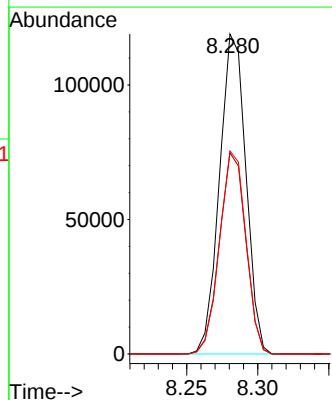
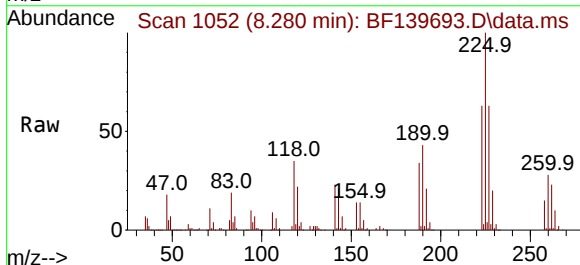
APPROVED

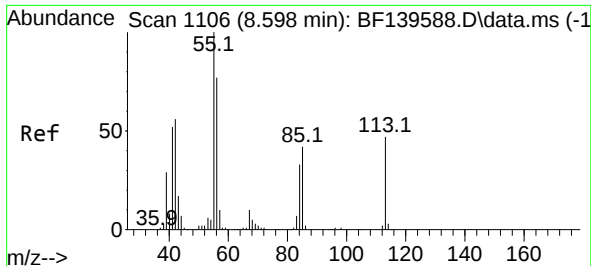
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#34
Hexachlorobutadiene
Concen: 44.435 ng
RT: 8.280 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

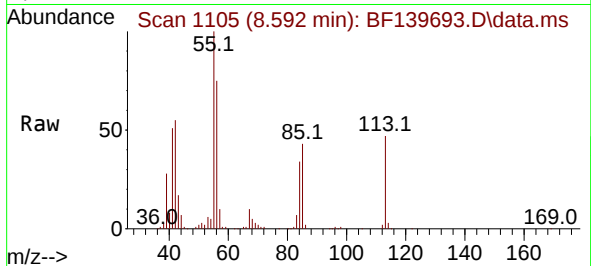
Tgt Ion:225 Resp: 153552
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 63.5 50.7 76.1





#35
Caprolactam
Concen: 51.701 ng m
RT: 8.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

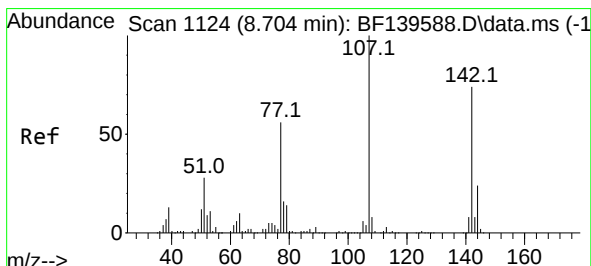
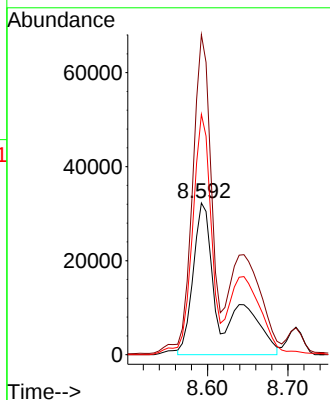
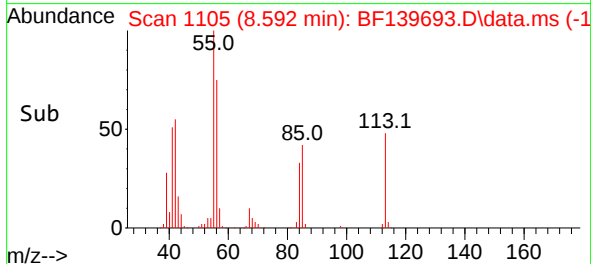
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion:113 Resp: 80070
Ion Ratio Lower Upper
113 100
55 210.9 193.4 233.4
56 158.4 143.8 183.8

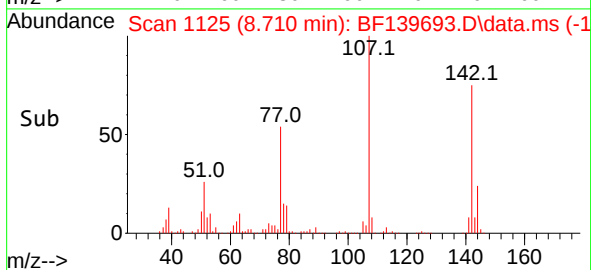
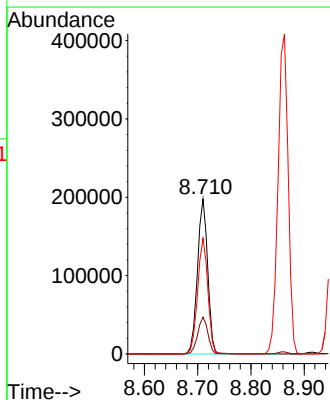
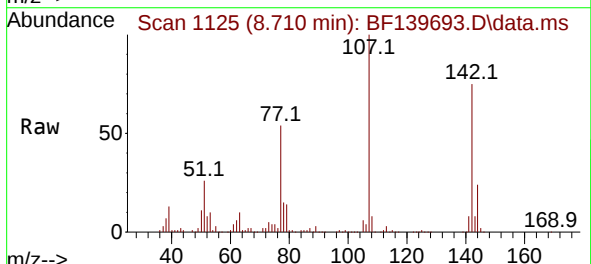
Manual Integrations
APPROVED

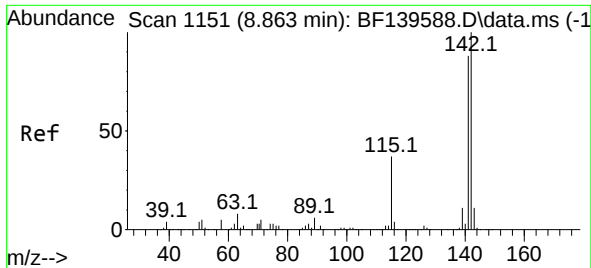
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#36
4-Chloro-3-methylphenol
Concen: 49.478 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:107 Resp: 264467
Ion Ratio Lower Upper
107 100
144 23.7 19.0 28.6
142 74.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 48.030 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

Tgt Ion:142 Resp: 53791

Ion Ratio Lower Upper

142 100

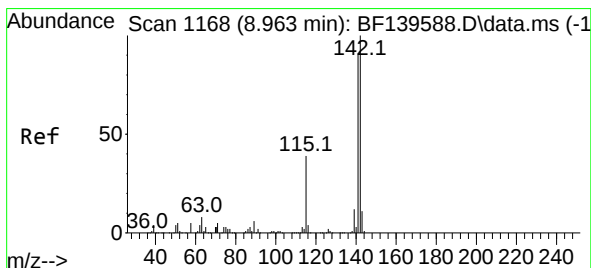
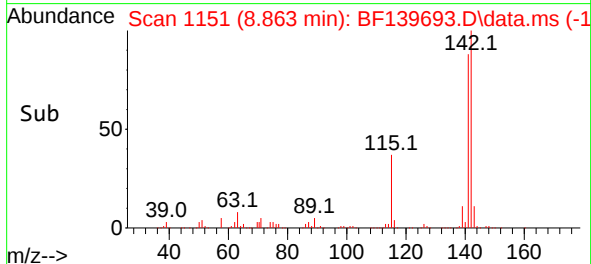
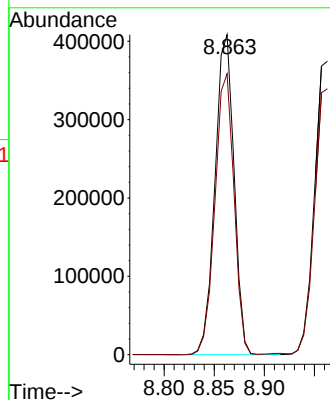
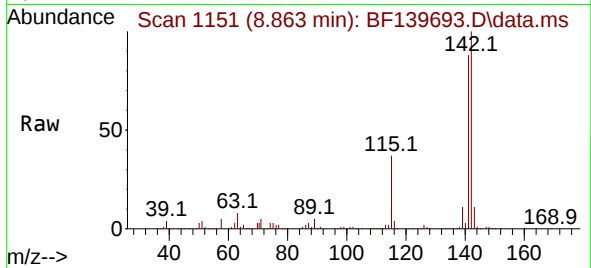
141 87.8 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#38

1-Methylnaphthalene

Concen: 45.907 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139693.D

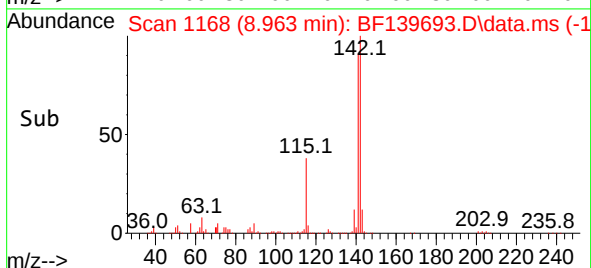
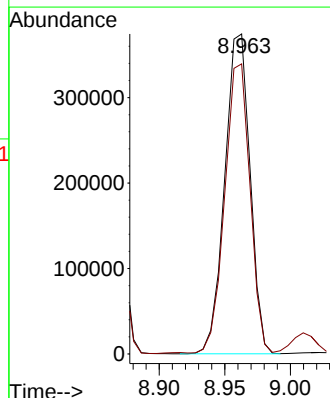
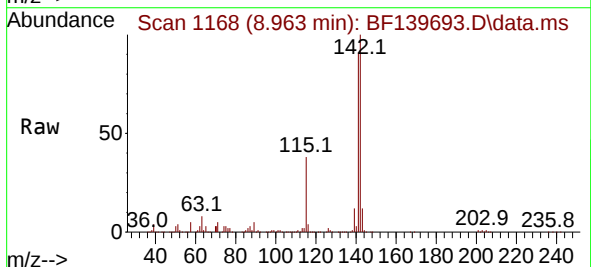
Acq: 07 Oct 2024 18:28

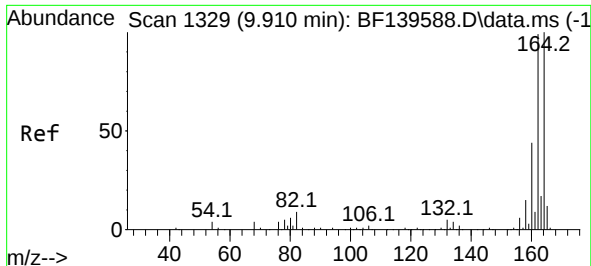
Tgt Ion:142 Resp: 502561

Ion Ratio Lower Upper

142 100

141 90.6 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF139693.D

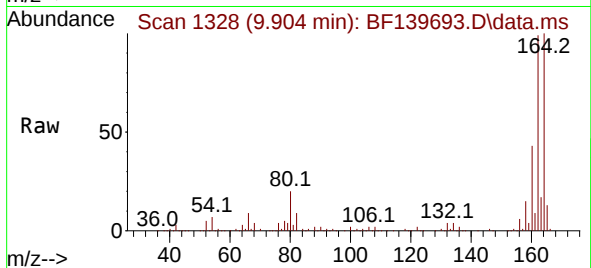
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD



Tgt Ion:164 Resp: 191822

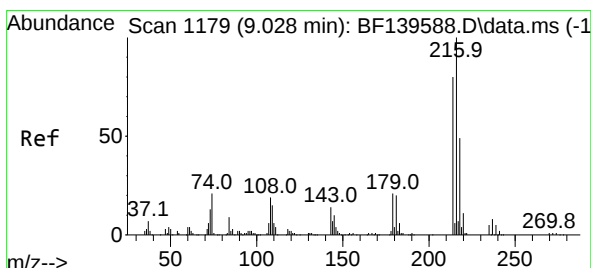
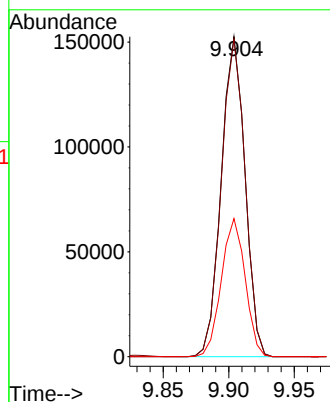
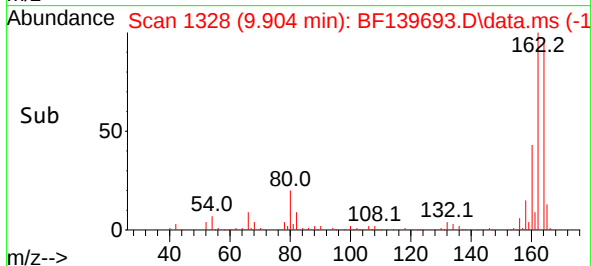
Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.0
160	43.1	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.031 ng

RT: 9.027 min Scan# 1179

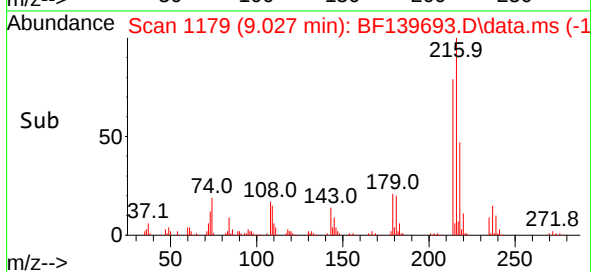
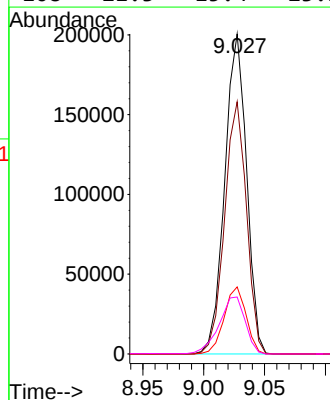
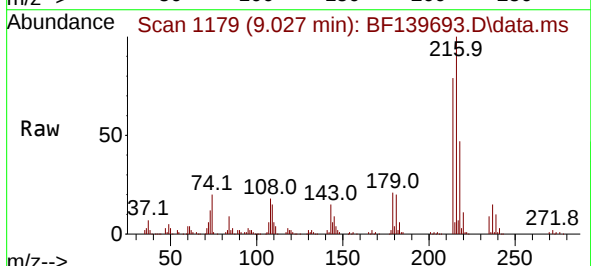
Delta R.T. -0.000 min

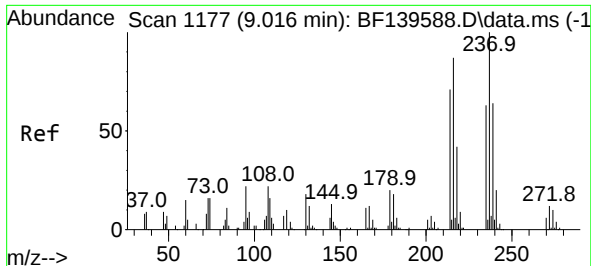
Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Tgt Ion:216 Resp: 250515

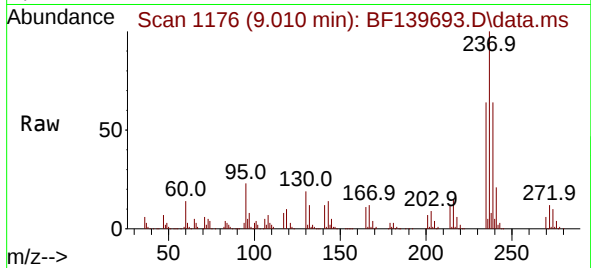
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	21.1	16.9	25.3
108	21.3	15.4	23.2





#41
Hexachlorocyclopentadiene
Concen: 163.648 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

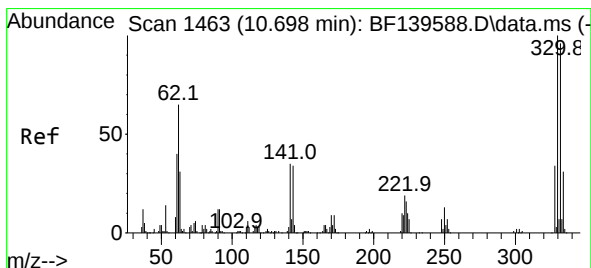
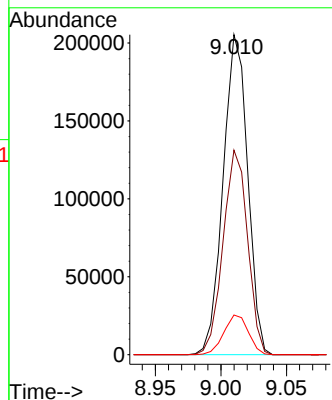
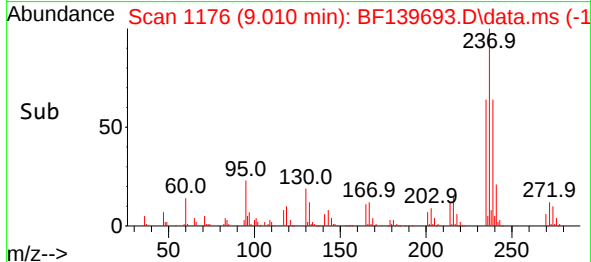
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion: 237 Resp: 267284
Ion Ratio Lower Upper
237 100
235 63.9 42.5 82.5
272 12.4 0.0 32.1

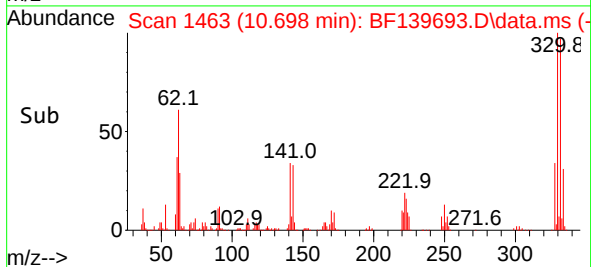
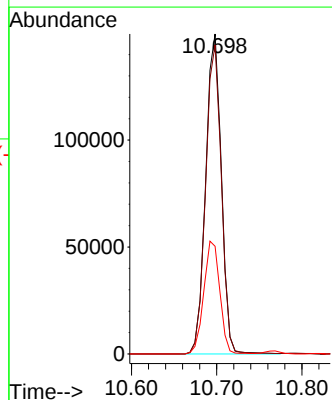
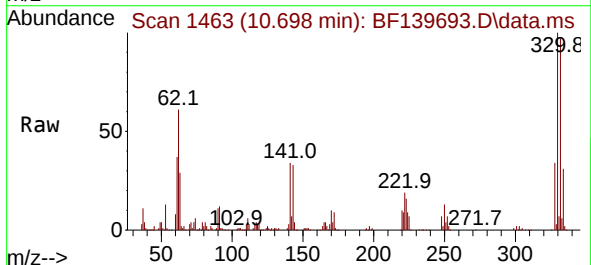
Manual Integrations
APPROVED

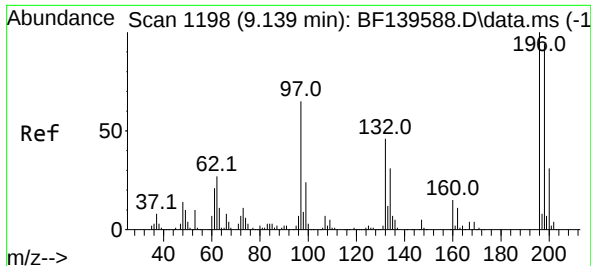
Reviewed By : Yogesh Patel 10/09/2024
Supervised By : mohammad ahmed 10/09/2024



#42
2,4,6-Tribromophenol
Concen: 103.344 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 330 Resp: 191365
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 36.1 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 49.280 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

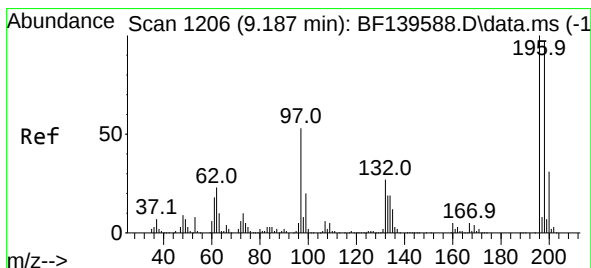
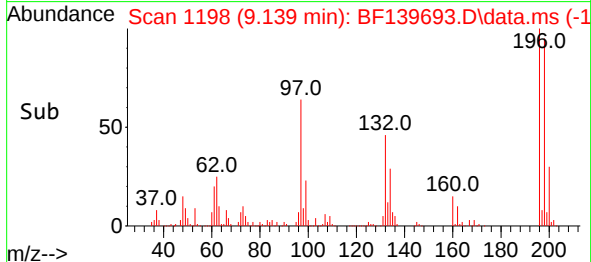
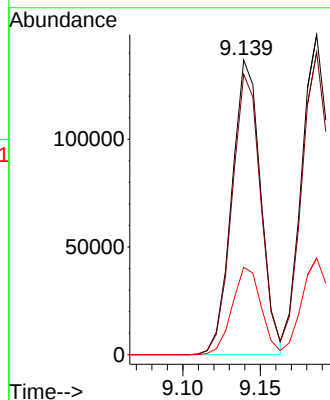
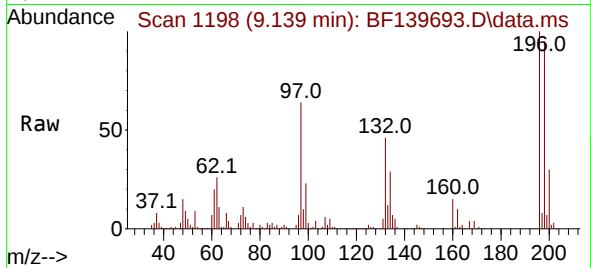
Tgt Ion:196 Resp: 17695
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.2 112.8
 200 29.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#44

2,4,5-Trichlorophenol

Concen: 48.356 ng

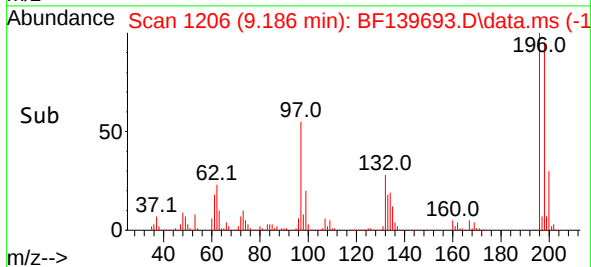
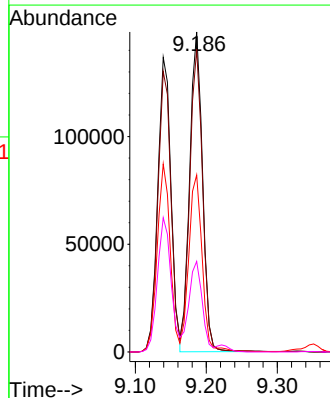
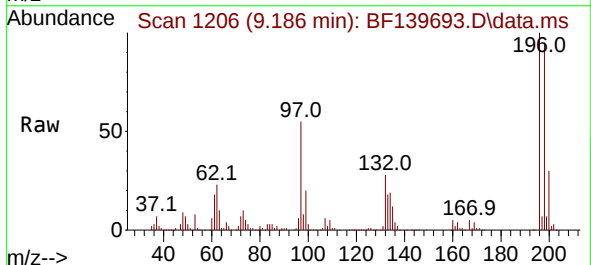
RT: 9.186 min Scan# 1206

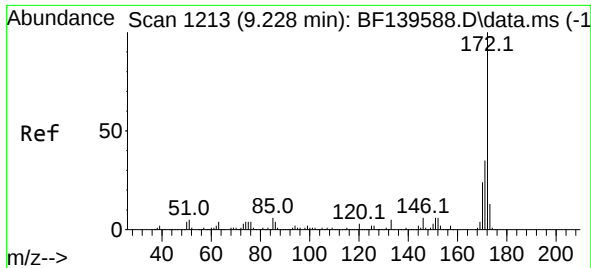
Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Tgt Ion:196 Resp: 187255
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.5 116.3
 97 55.3 43.1 64.7
 132 28.3 22.2 33.4





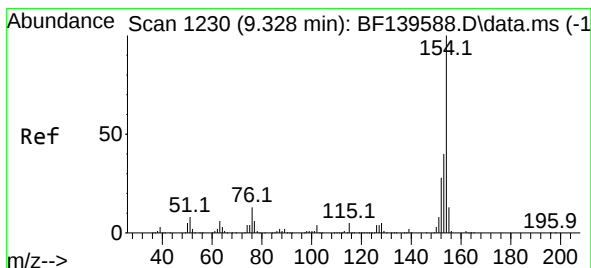
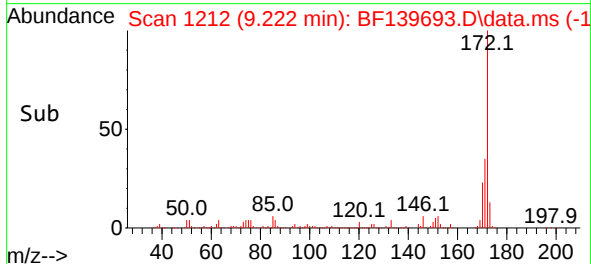
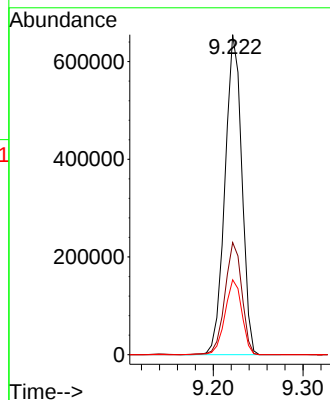
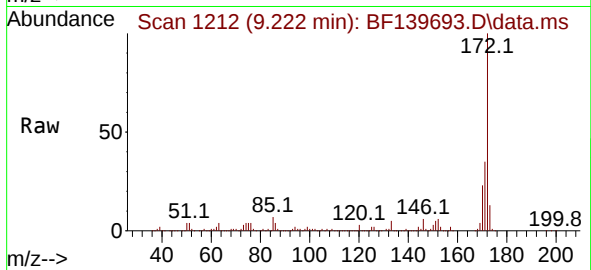
#45
2-Fluorobiphenyl
Concen: 68.389 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:172 Resp: 85452
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 18.8 28.2

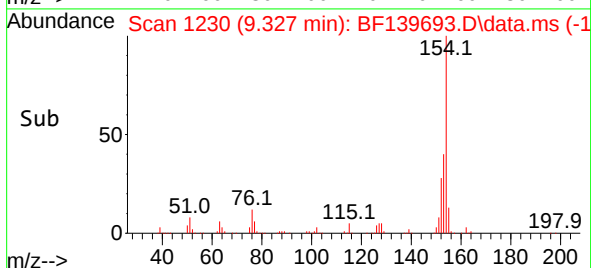
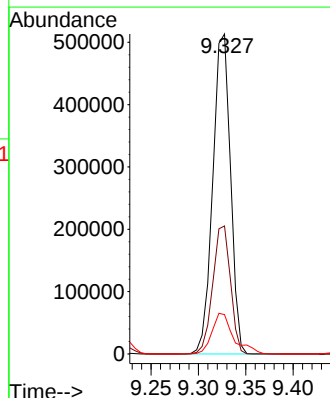
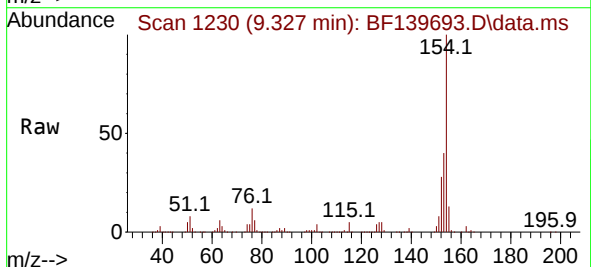
Manual Integrations
APPROVED

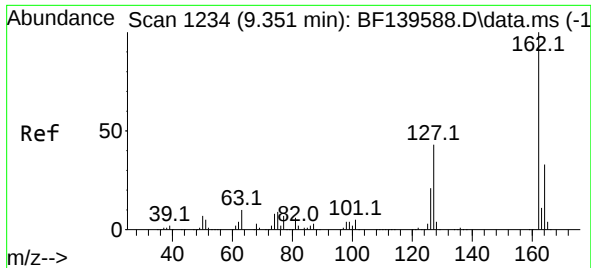
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#46
1,1'-Biphenyl
Concen: 46.755 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

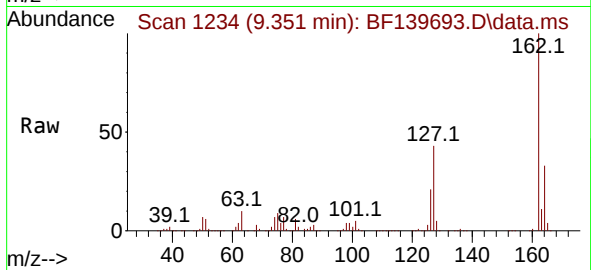
Tgt Ion:154 Resp: 667055
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 12.3 0.0 32.6





#47
2-Chloronaphthalene
Concen: 47.036 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

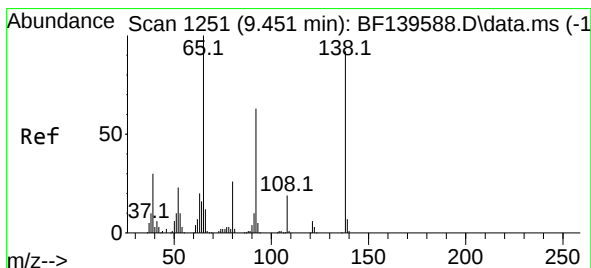
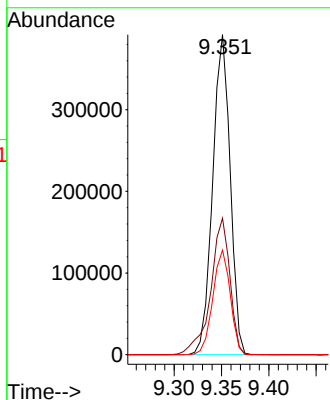
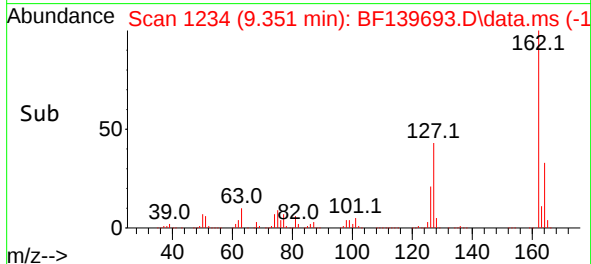
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion:162 Resp: 503080
Ion Ratio Lower Upper
162 100
127 42.7 35.0 52.4
164 32.7 26.1 39.1

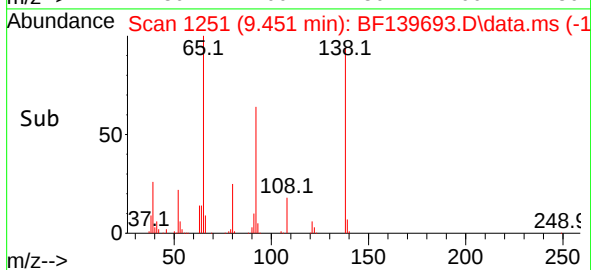
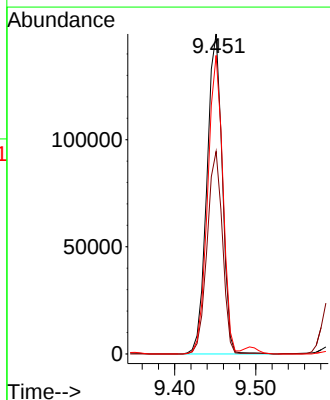
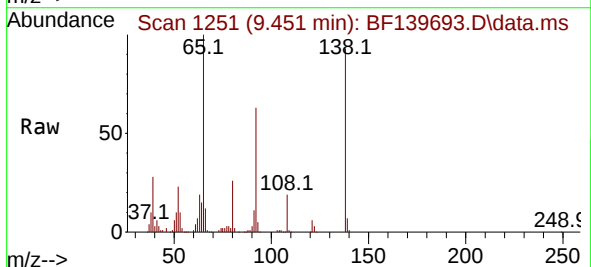
Manual Integrations
APPROVED

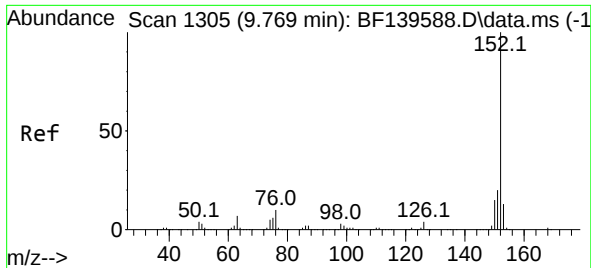
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#48
2-Nitroaniline
Concen: 51.029 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 65 Resp: 195922
Ion Ratio Lower Upper
65 100
92 63.3 50.0 75.0
138 93.3 73.8 110.8





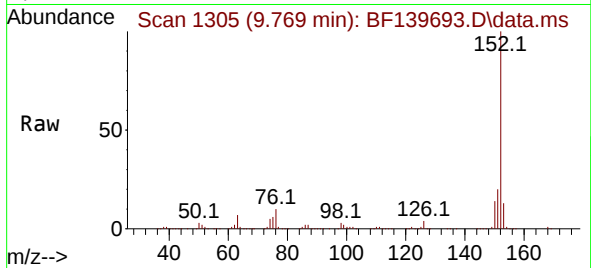
#49
Acenaphthylene
Concen: 51.651 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD



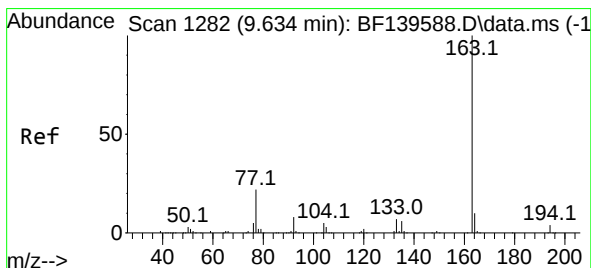
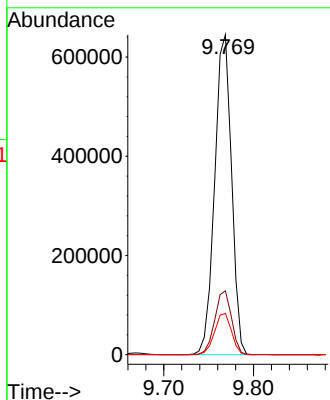
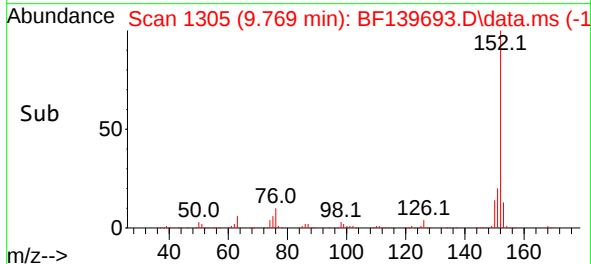
Tgt Ion:152 Resp: 840132
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 12.9 10.5 15.7

Manual Integrations

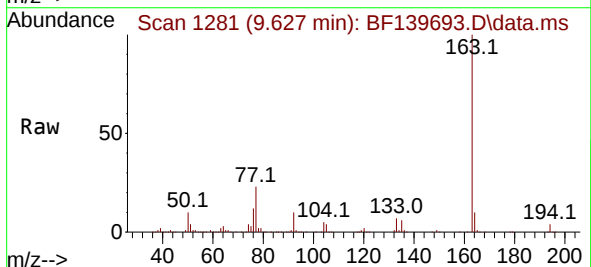
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

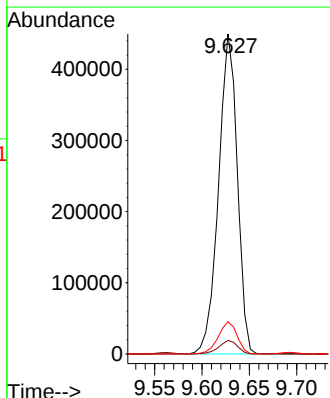
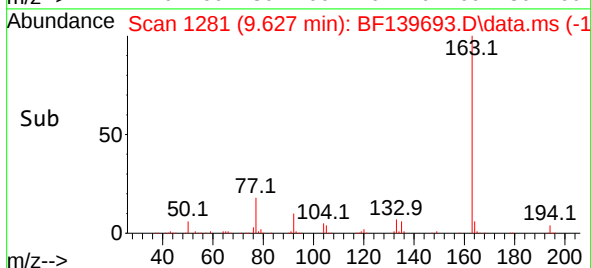
Supervised By :mohammad ahmed 10/09/2024

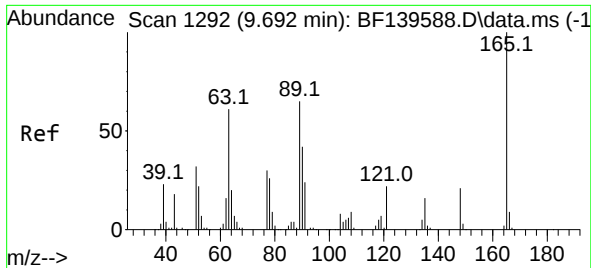


#50
Dimethylphthalate
Concen: 49.379 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28



Tgt Ion:163 Resp: 620042
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1





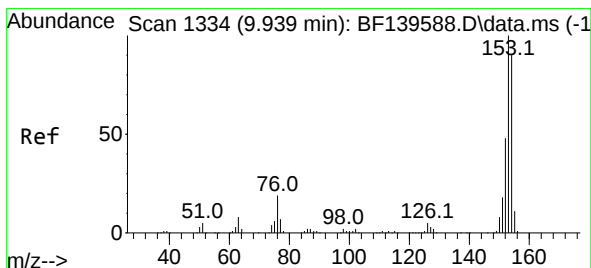
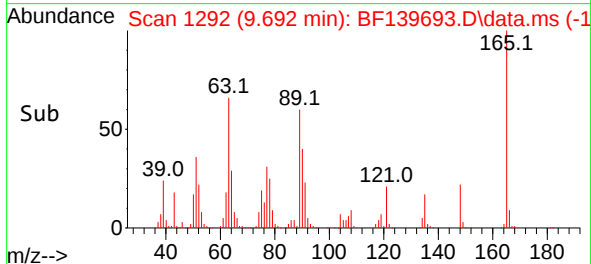
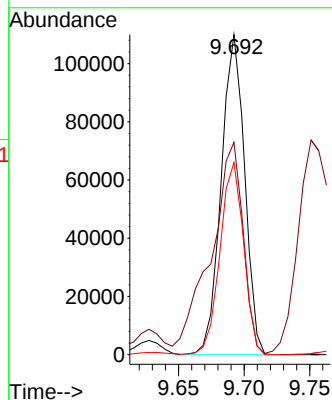
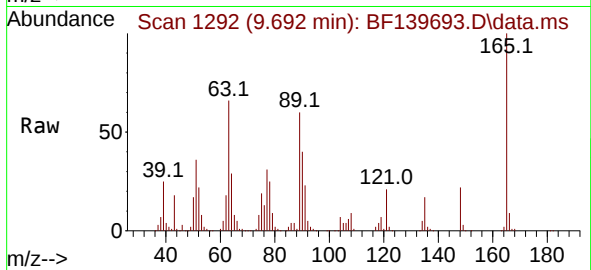
#51
2,6-Dinitrotoluene
Concen: 47.987 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:165 Resp: 136110
Ion Ratio Lower Upper
165 100
63 66.3 56.7 85.1
89 60.0 51.6 77.4

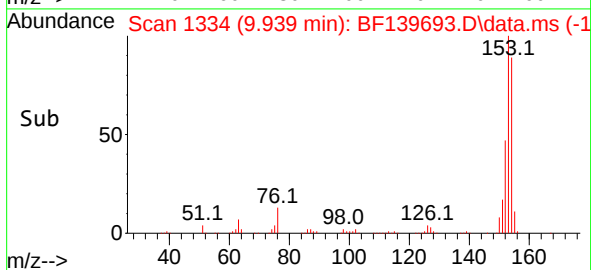
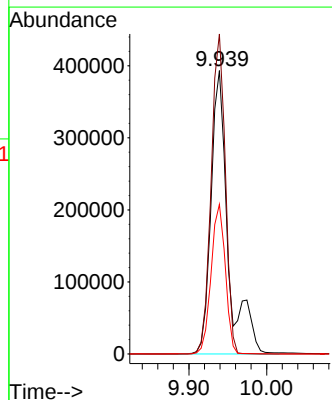
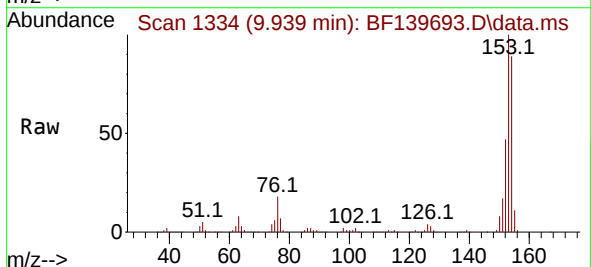
Manual Integrations
APPROVED

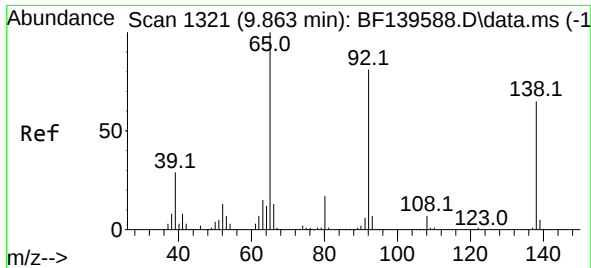
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#52
Acenaphthene
Concen: 53.896 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

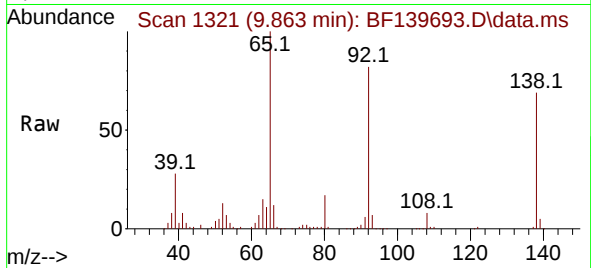
Tgt Ion:154 Resp: 601828
Ion Ratio Lower Upper
154 100
153 112.9 88.8 133.2
152 52.8 42.5 63.7





#53
3-Nitroaniline
Concen: 31.275 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

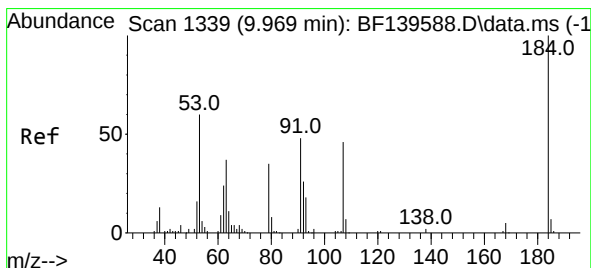
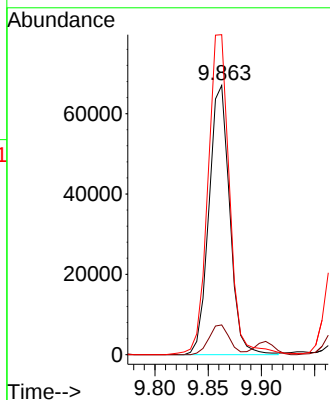
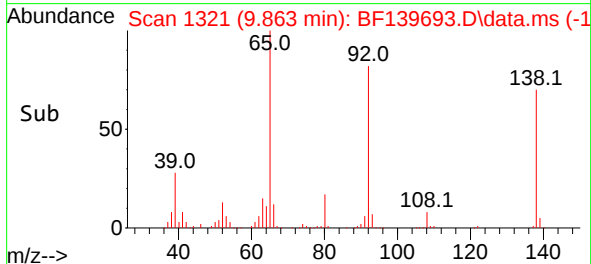
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion:138 Resp: 90658
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 118.8 100.0 150.0

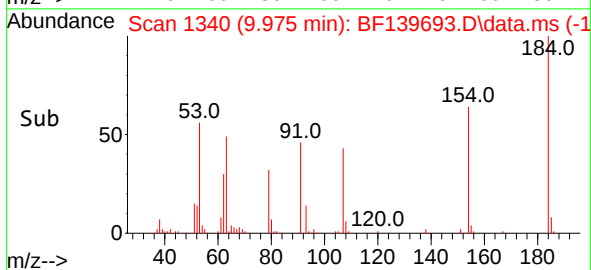
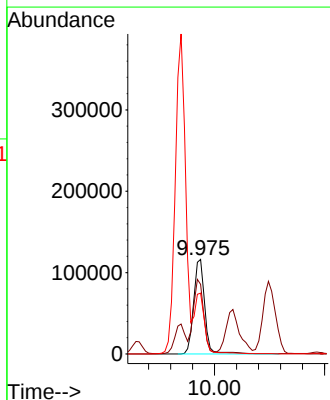
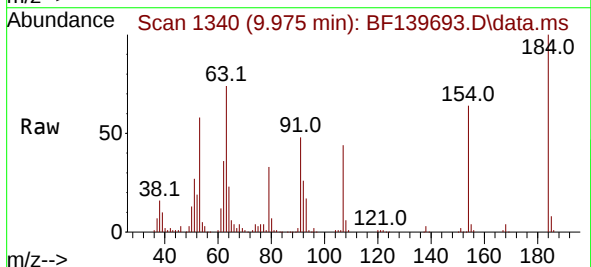
Manual Integrations
APPROVED

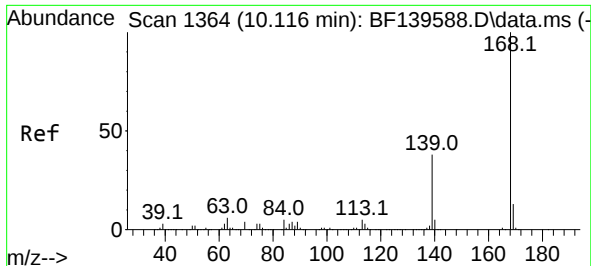
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#54
2,4-Dinitrophenol
Concen: 107.595 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

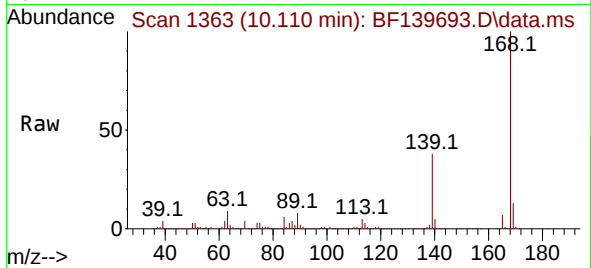
Tgt Ion:184 Resp: 164155
Ion Ratio Lower Upper
184 100
63 73.7 61.7 92.5
154 64.4 53.0 79.4





#55
Dibenzenofuran
Concen: 49.307 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

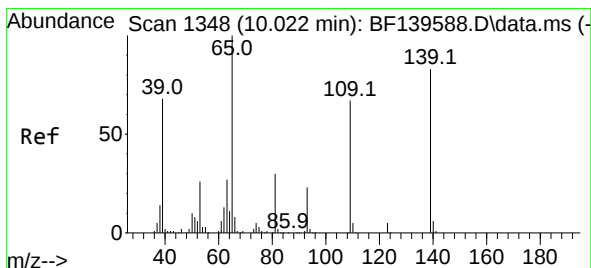
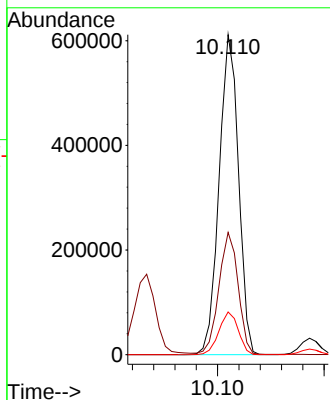
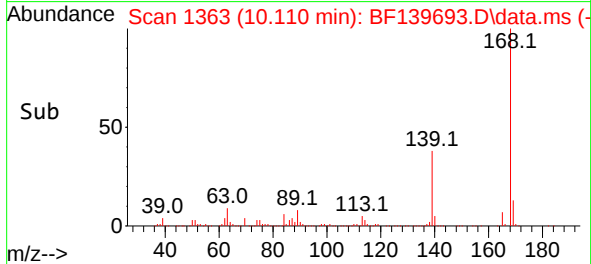
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion:168 Resp: 770885
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.3 10.7 16.1

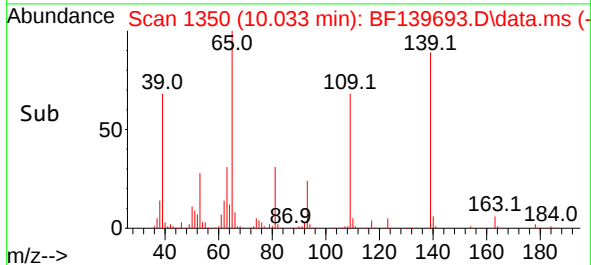
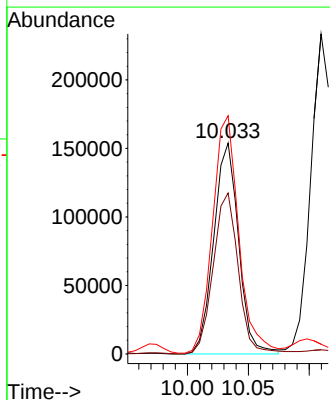
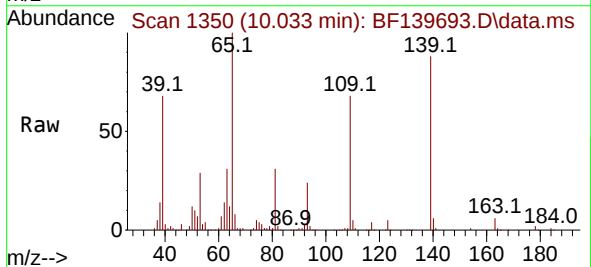
Manual Integrations
APPROVED

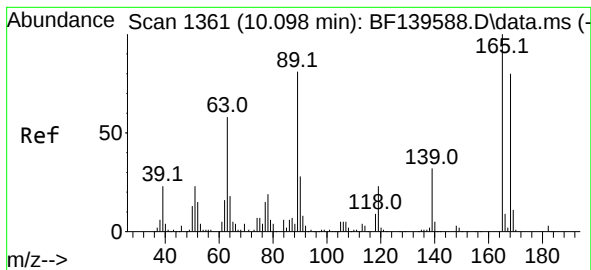
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#56
4-Nitrophenol
Concen: 99.037 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:139 Resp: 218922
Ion Ratio Lower Upper
139 100
109 76.4 60.3 100.3
65 113.0 100.8 140.8





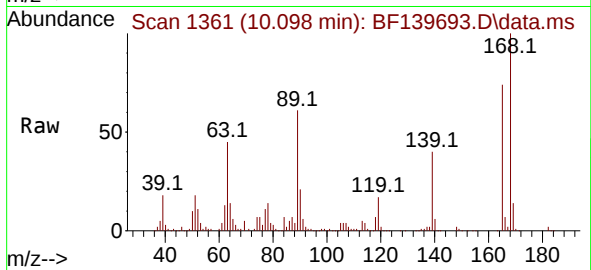
#57
2,4-Dinitrotoluene
Concen: 50.361 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD



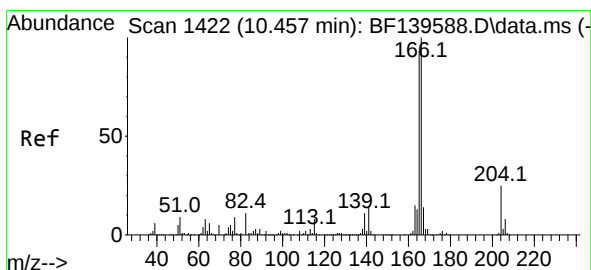
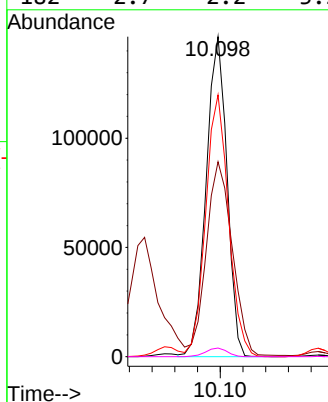
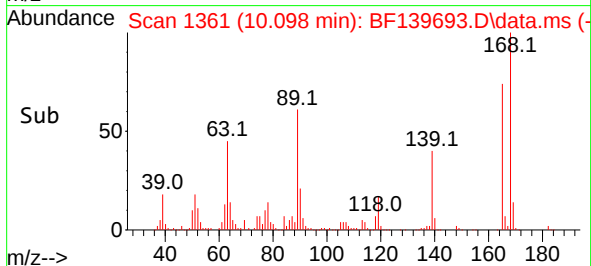
Tgt Ion:165 Resp: 186724
Ion Ratio Lower Upper
165 100
63 60.9 46.9 70.3
89 81.8 64.4 96.6
182 2.7 2.2 3.2

Manual Integrations

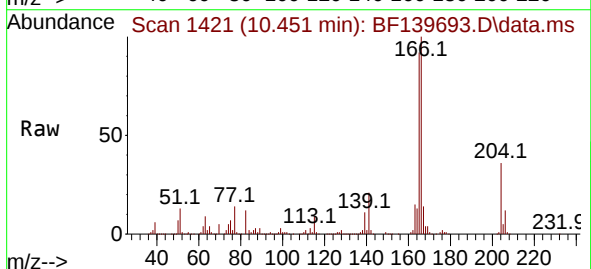
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

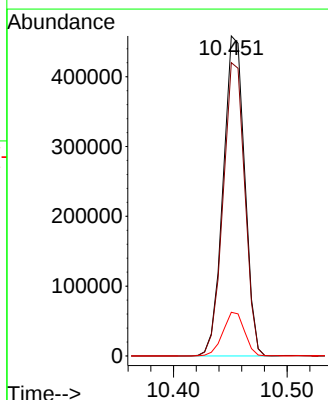
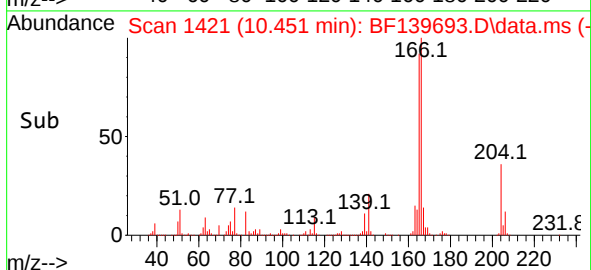
Supervised By :mohammad ahmed 10/09/2024

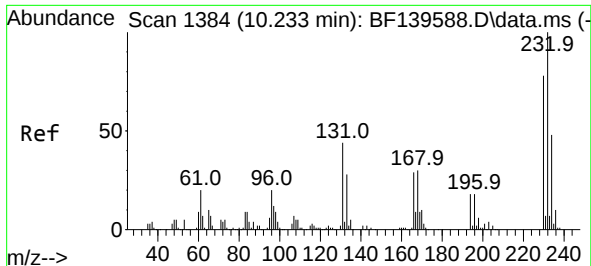


#58
Fluorene
Concen: 48.467 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28



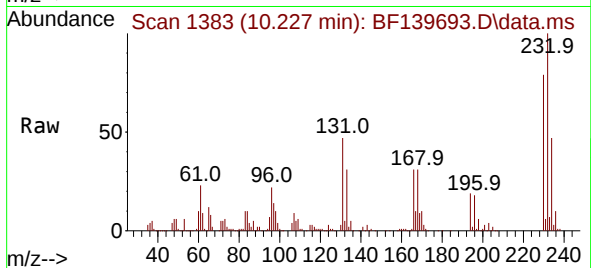
Tgt Ion:166 Resp: 603541
Ion Ratio Lower Upper
166 100
165 91.7 74.4 111.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.611 ng
RT: 10.227 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

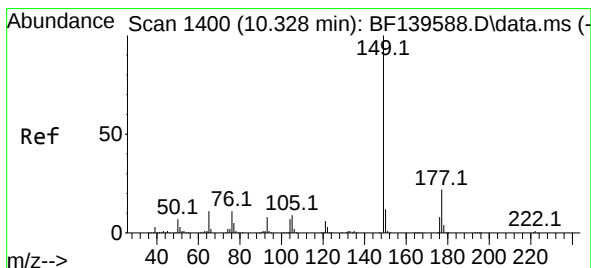
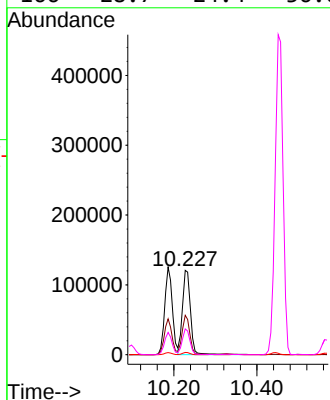
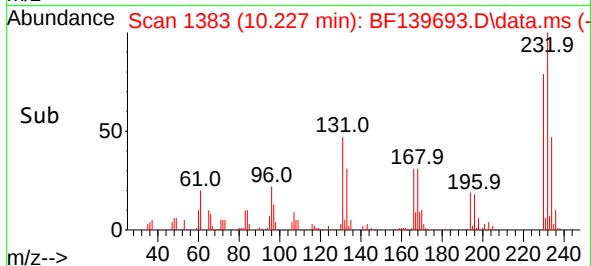
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion:232 Resp: 16142
Ion Ratio Lower Upper
232 100
131 44.6 37.8 56.6
130 2.4 1.9 2.9
166 28.7 24.4 36.6

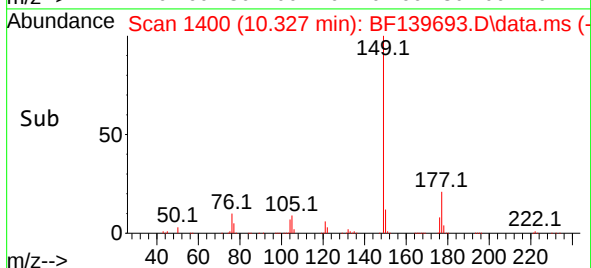
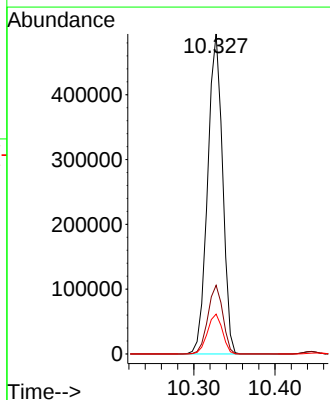
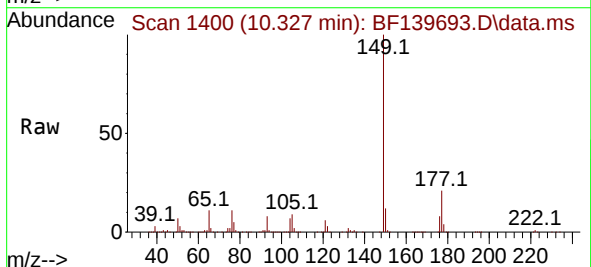
Manual Integrations
APPROVED

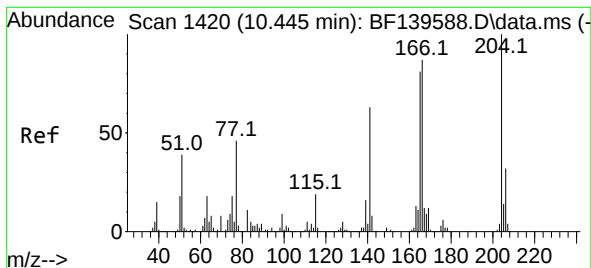
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#60
Diethylphthalate
Concen: 48.371 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

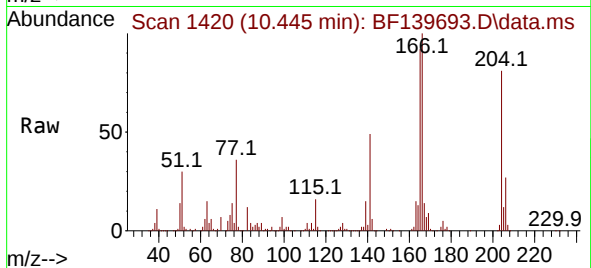
Tgt Ion:149 Resp: 627365
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.212 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

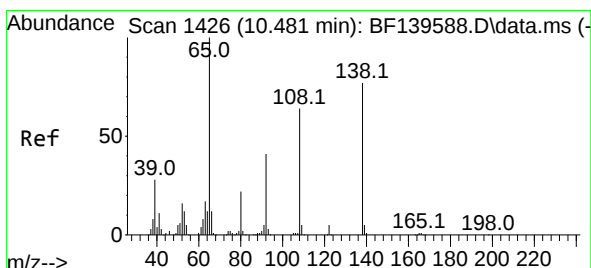
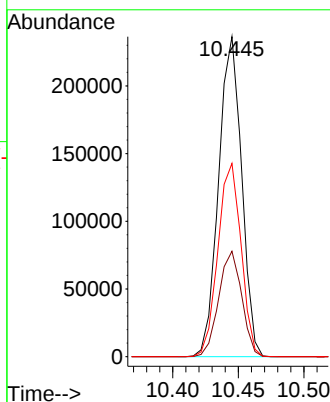
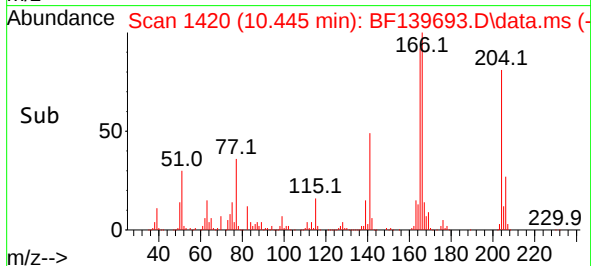
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion:204 Resp: 287898
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 60.4 50.5 75.7

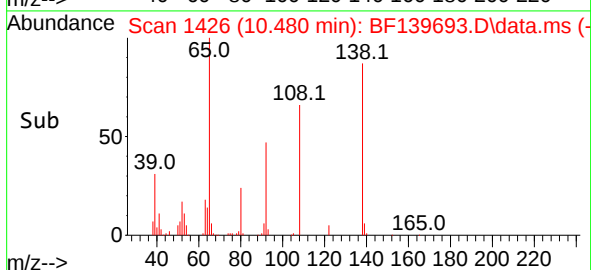
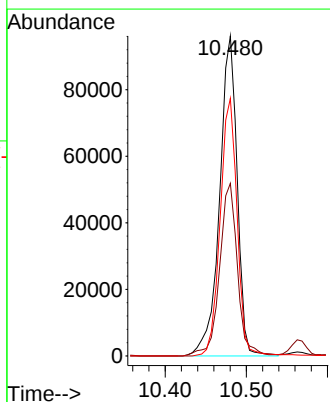
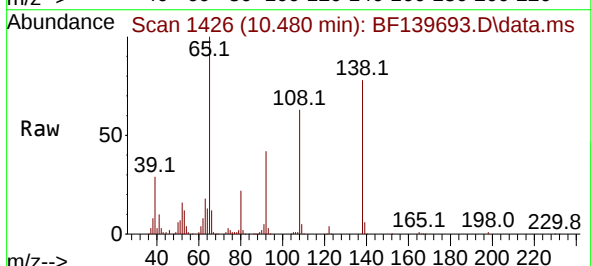
Manual Integrations
APPROVED

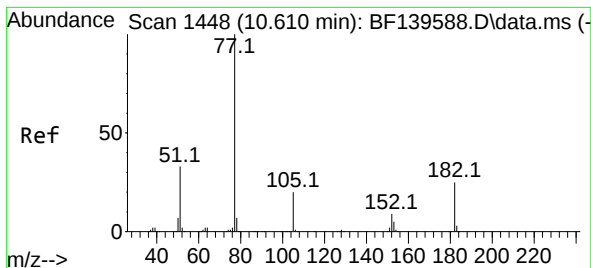
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#62
4-Nitroaniline
Concen: 49.022 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:138 Resp: 145352
Ion Ratio Lower Upper
138 100
92 54.0 33.3 73.3
108 80.5 62.1 102.1





#63

Azobenzene

Concen: 56.991 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

Tgt Ion: 77 Resp: 74334

Ion Ratio Lower Upper

77 100

182 24.0 4.2 44.2

105 22.1 0.0 39.6

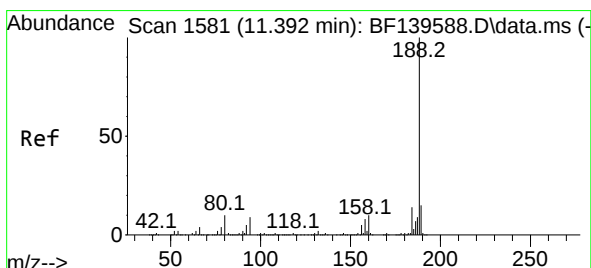
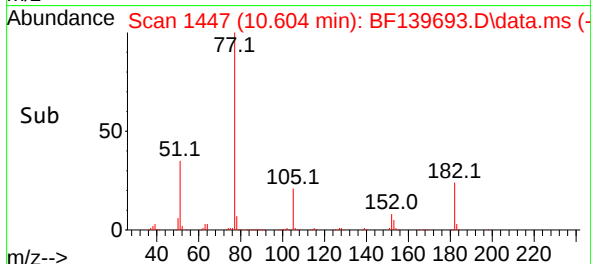
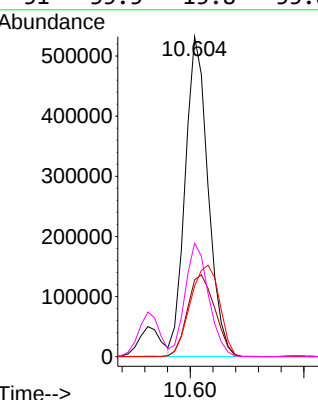
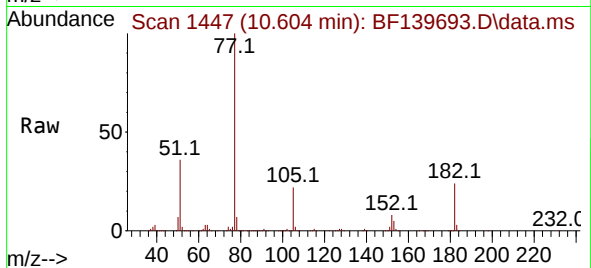
51 35.5 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

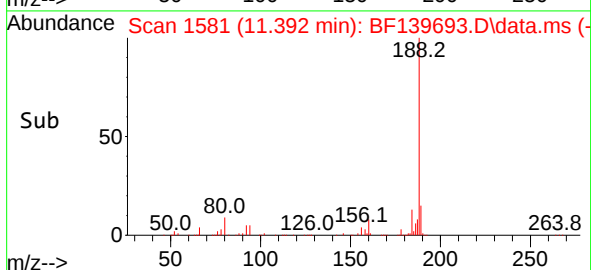
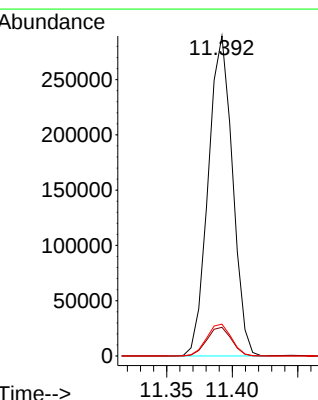
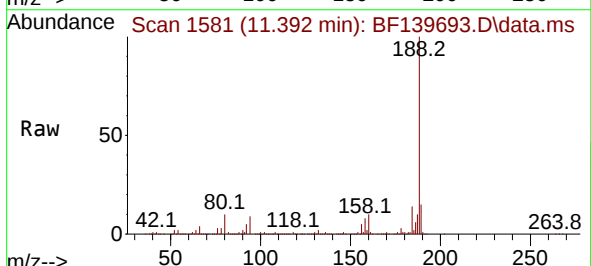
Tgt Ion:188 Resp: 372990

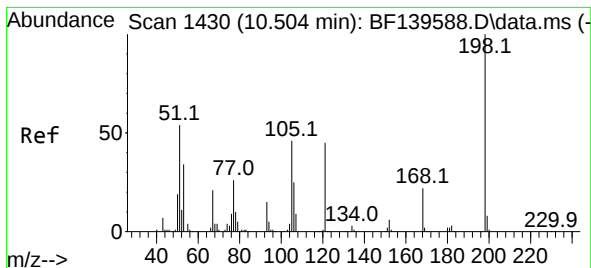
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.9 8.2 12.2





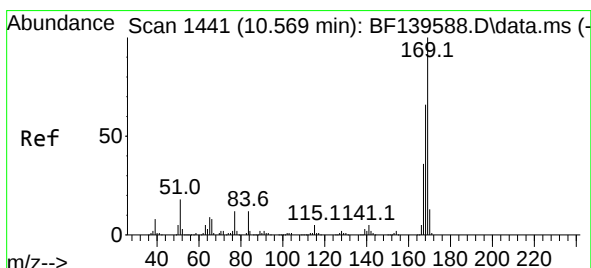
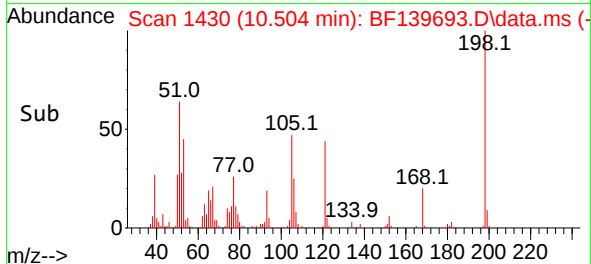
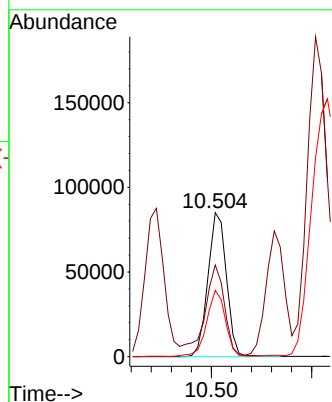
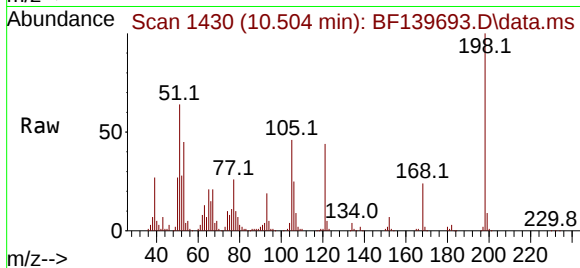
#65
4,6-Dinitro-2-methylphenol
Concen: 52.032 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:198 Resp: 109609
Ion Ratio Lower Upper
198 100
51 63.6 43.0 83.0
105 46.0 26.6 66.6

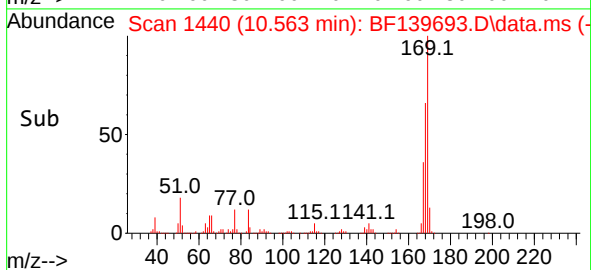
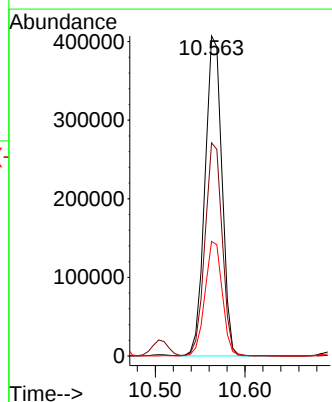
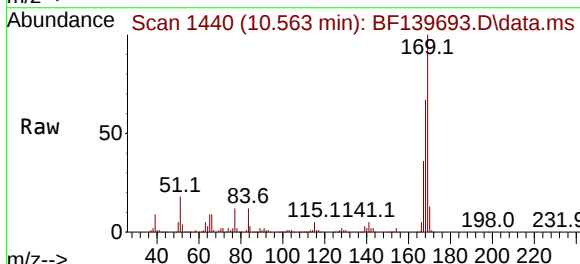
Manual Integrations
APPROVED

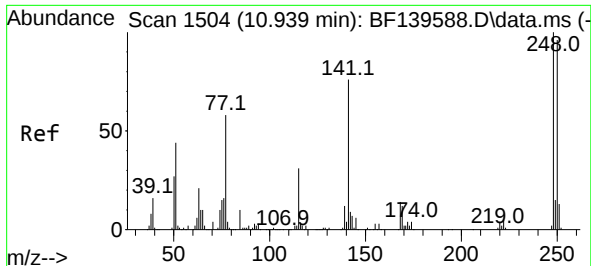
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#66
n-Nitrosodiphenylamine
Concen: 48.604 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:169 Resp: 534376
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 35.8 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 46.185 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

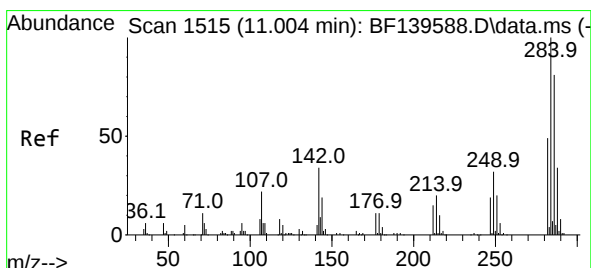
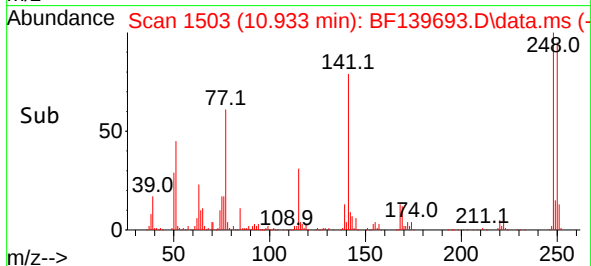
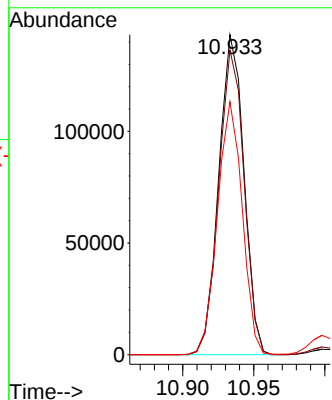
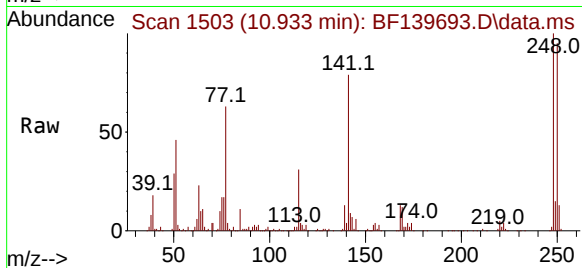
IB-4MSD

Tgt Ion:248 Resp: 176624
Ion Ratio Lower Upper
248 100
250 95.2 77.1 115.7
141 79.1 60.4 90.6

Manual Integrations

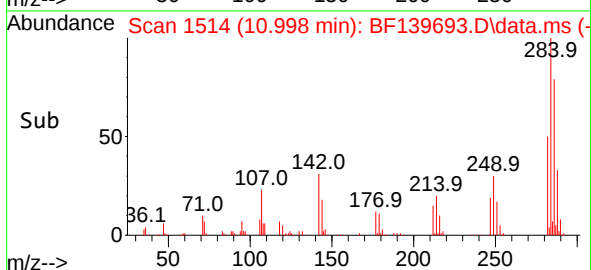
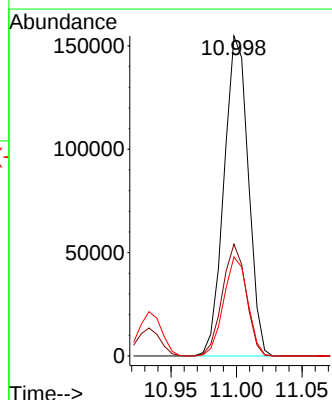
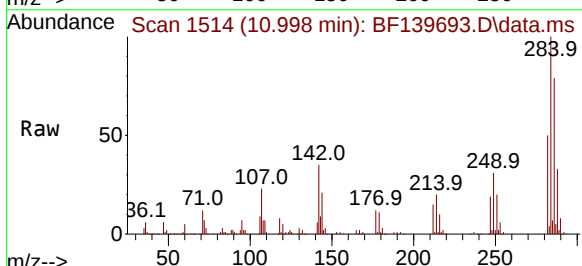
APPROVED

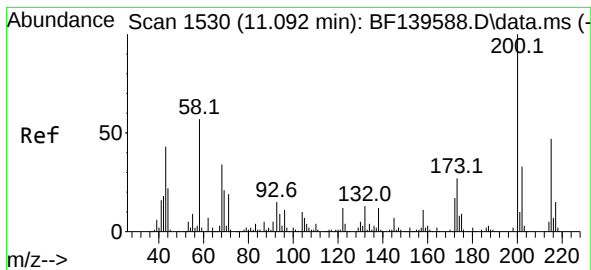
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#68
Hexachlorobenzene
Concen: 46.863 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:284 Resp: 198868
Ion Ratio Lower Upper
284 100
142 34.9 26.9 40.3
249 30.9 25.4 38.0





#69

Atrazine

Concen: 59.316 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

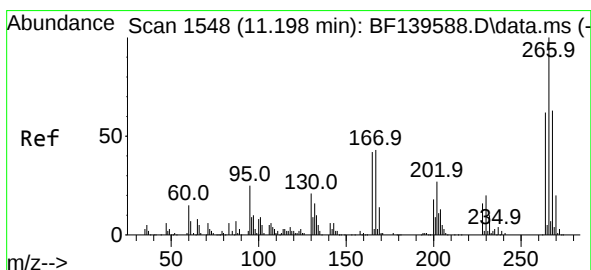
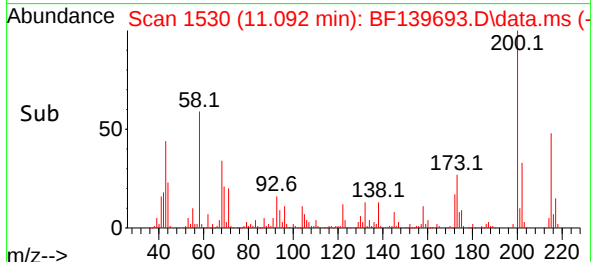
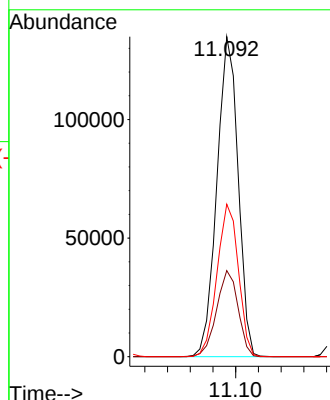
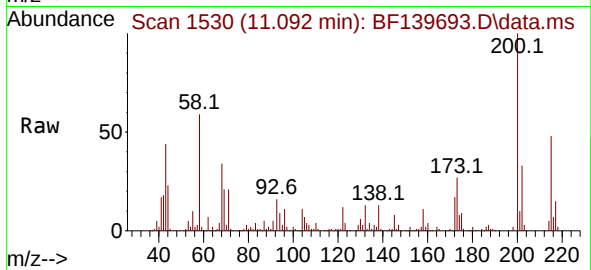
Tgt Ion:200 Resp: 17497
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.7 46.7
 215 47.7 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#70

Pentachlorophenol

Concen: 89.774 ng

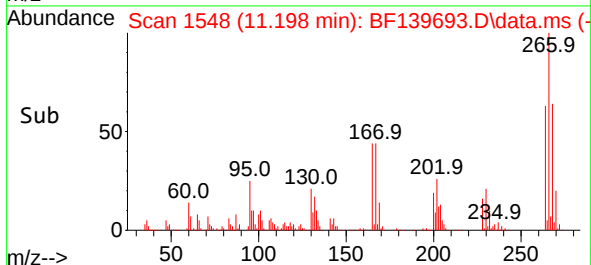
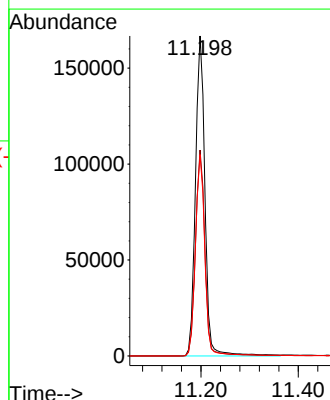
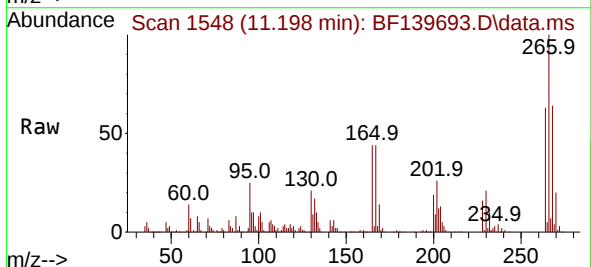
RT: 11.198 min Scan# 1548

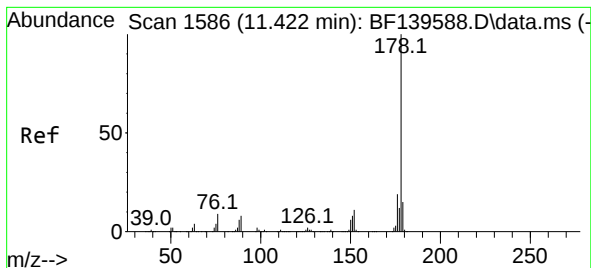
Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Tgt Ion:266 Resp: 226845
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.0 75.0
 264 62.9 49.3 73.9





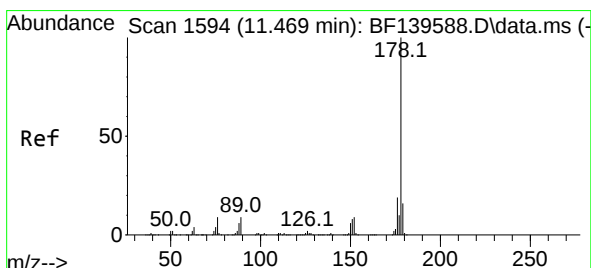
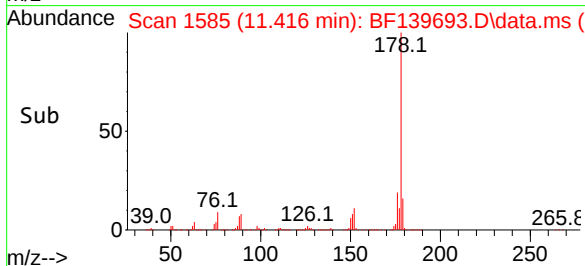
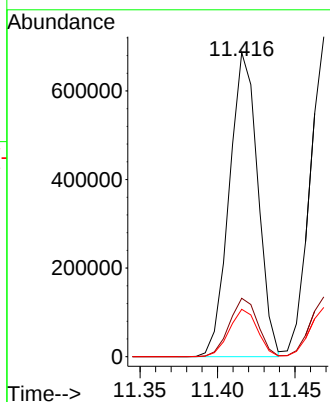
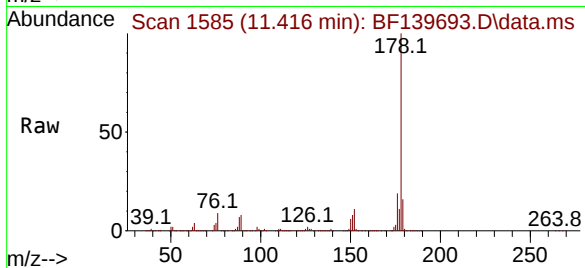
#71
Phenanthrene
Concen: 49.957 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:178 Resp: 878580
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.3 18.5

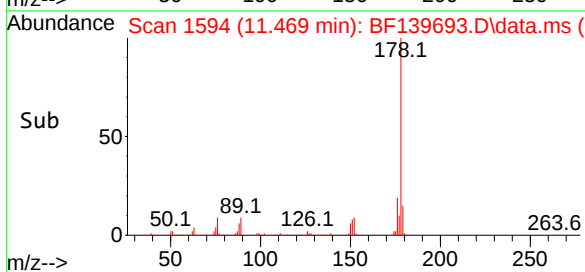
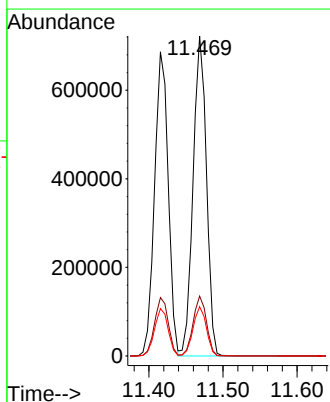
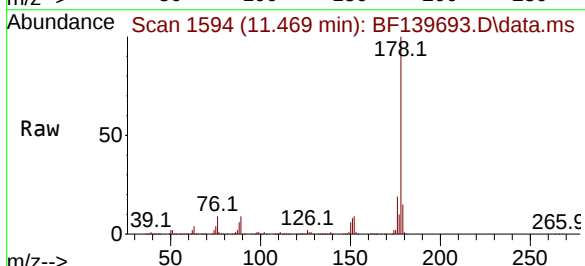
Manual Integrations
APPROVED

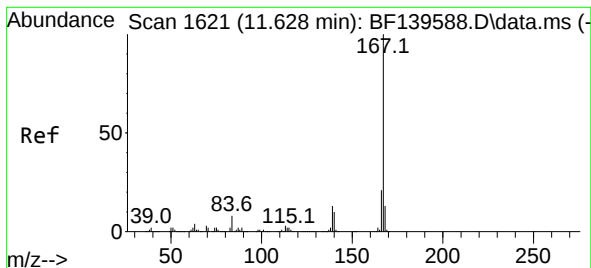
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#72
Anthracene
Concen: 51.888 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:178 Resp: 902778
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.5 18.7





#73

Carbazole

Concen: 48.805 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

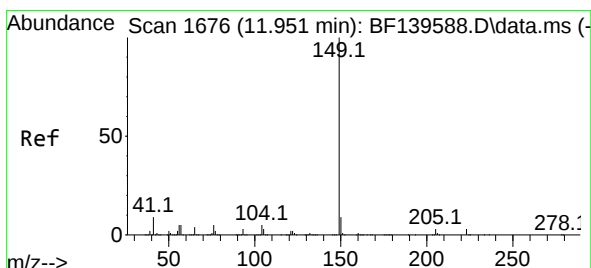
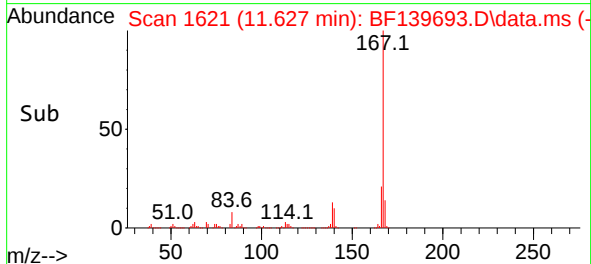
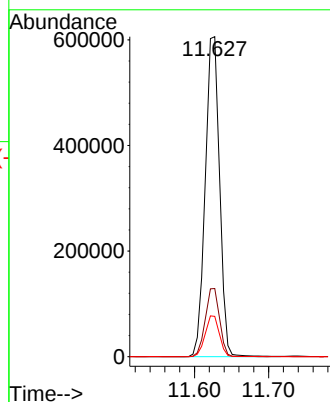
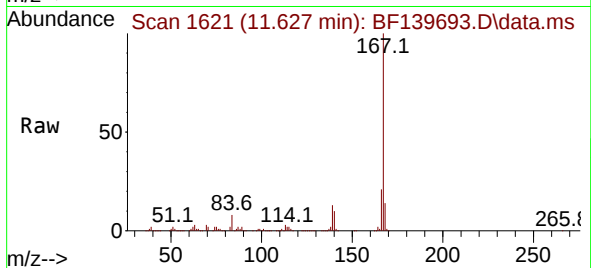
Tgt Ion:167	Resp: 81555
Ion Ratio	Lower Upper
167 100	
166 21.3	17.2 25.8
139 12.6	10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#74

Di-n-butylphthalate

Concen: 48.065 ng

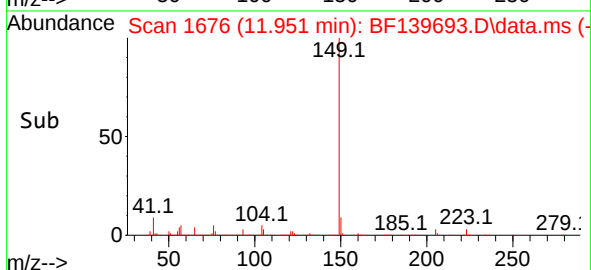
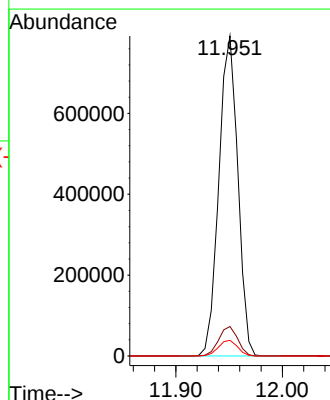
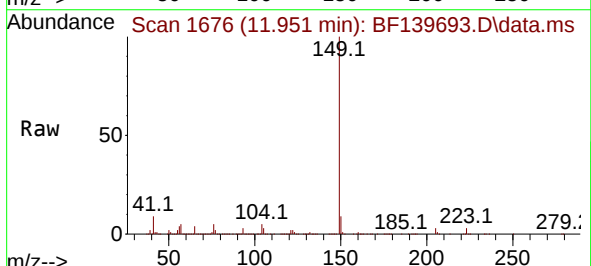
RT: 11.951 min Scan# 1676

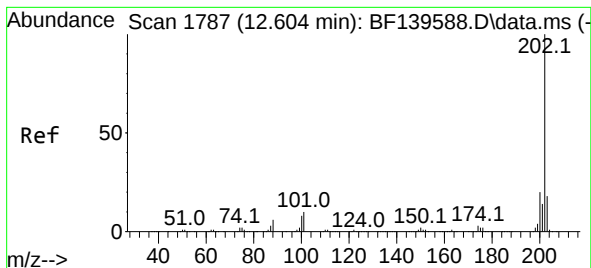
Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

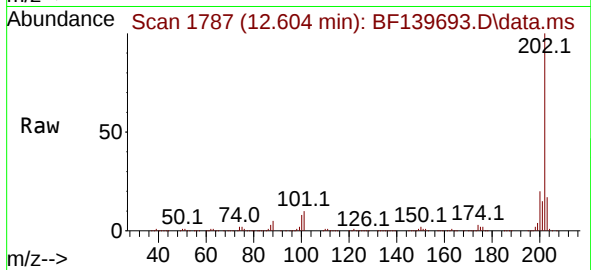
Tgt Ion:149	Resp: 976714
Ion Ratio	Lower Upper
149 100	
150 9.2	7.5 11.3
104 4.9	4.1 6.1





#75
Fluoranthene
Concen: 48.656 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

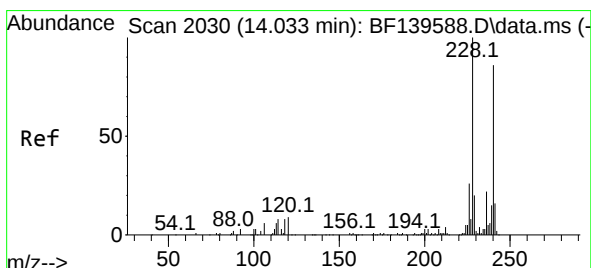
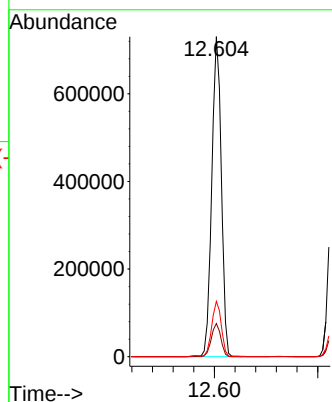
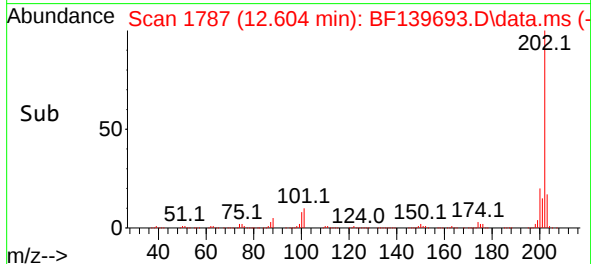
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



Tgt Ion:202 Resp: 935408
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.3 0.0 37.7

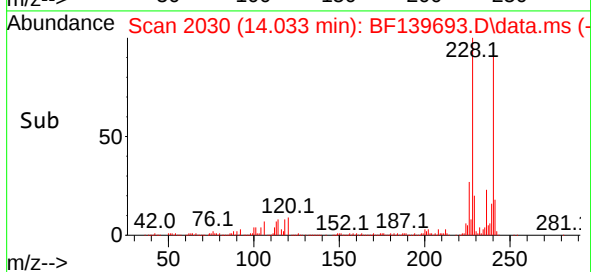
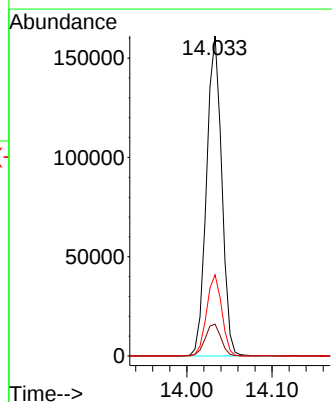
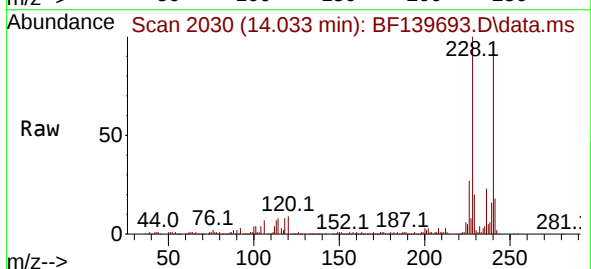
Manual Integrations
APPROVED

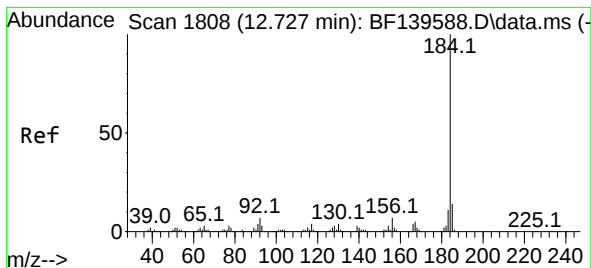
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:240 Resp: 199606
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.4 20.3 30.5





#77

Benzidine

Concen: 36.624 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

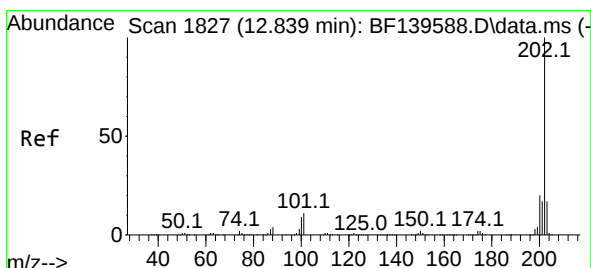
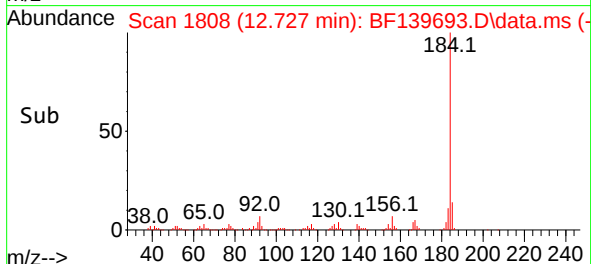
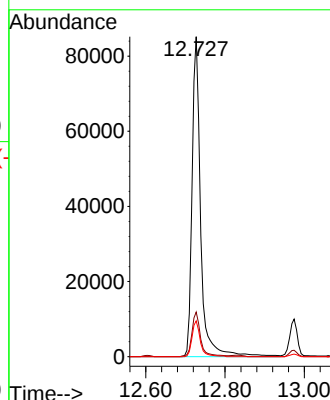
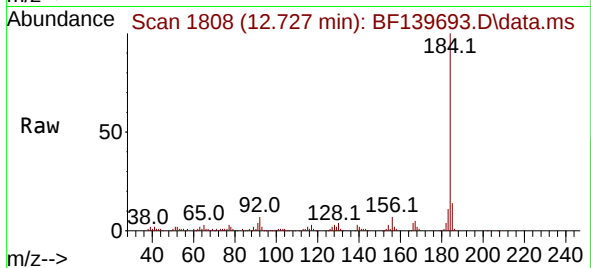
ClientSampleId :

IB-4MSD

Tgt Ion:184 Resp: 12894
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.4 17.0
 183 11.2 8.8 13.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024



#78

Pyrene

Concen: 52.267 ng

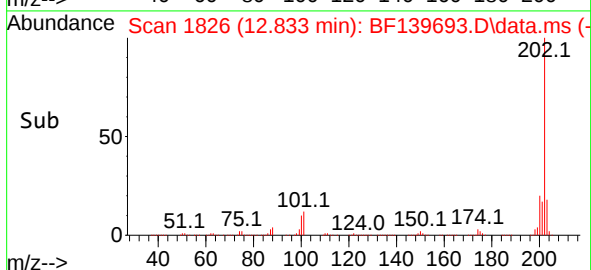
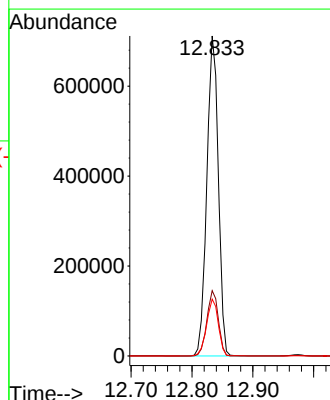
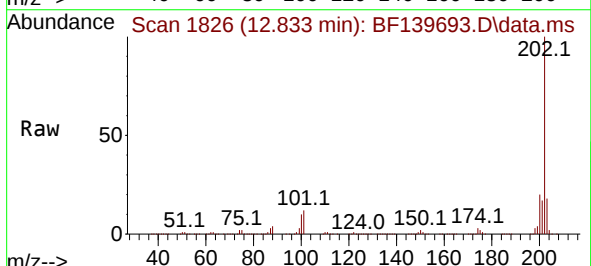
RT: 12.833 min Scan# 1826

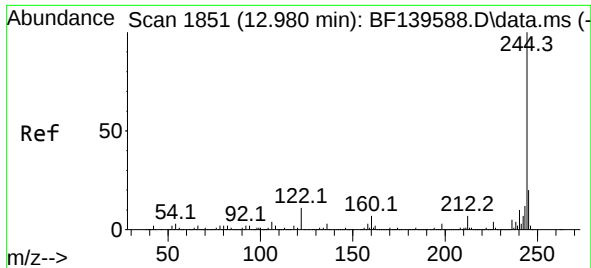
Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

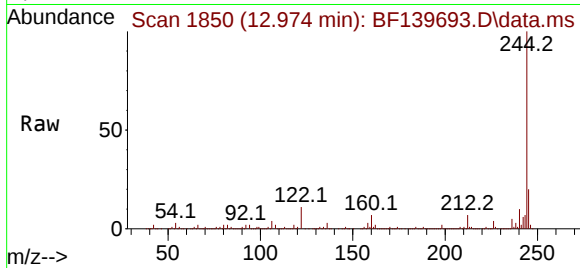
Tgt Ion:202 Resp: 933098
 Ion Ratio Lower Upper
 202 100
 200 20.4 15.8 23.6
 203 17.7 13.8 20.8





#79
 Terphenyl-d14
 Concen: 77.691 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF139693.D
 Acq: 07 Oct 2024 18:28

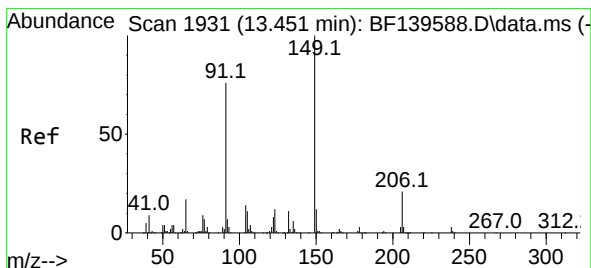
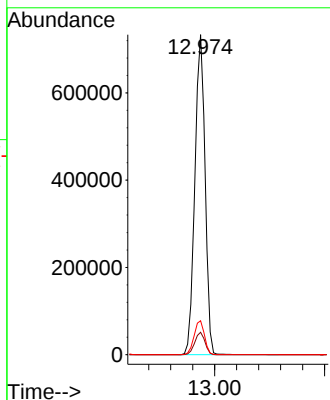
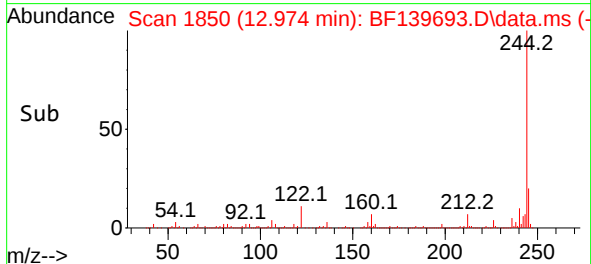
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MSD



Tgt Ion:244 Resp: 945104
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.6 8.6 12.8

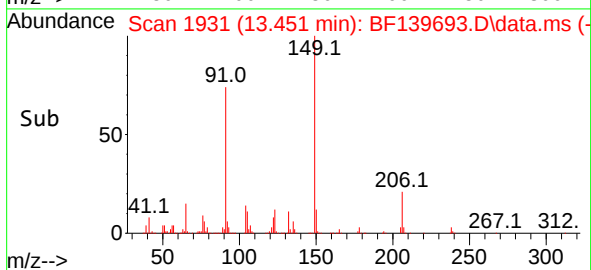
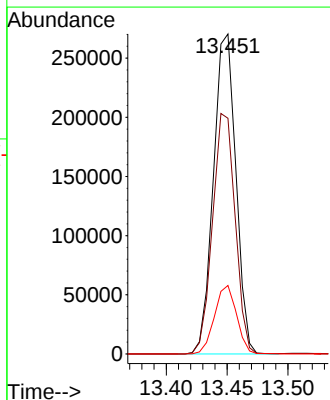
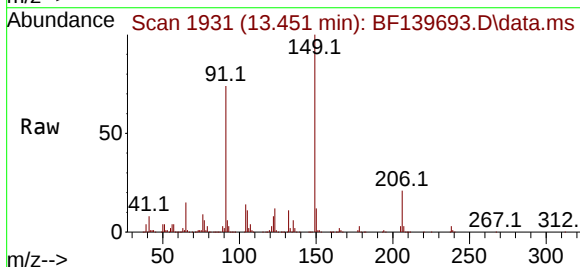
Manual Integrations
 APPROVED

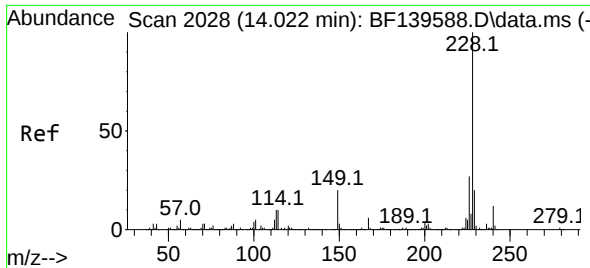
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024



#80
 Butylbenzylphthalate
 Concen: 54.553 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139693.D
 Acq: 07 Oct 2024 18:28

Tgt Ion:149 Resp: 348360
 Ion Ratio Lower Upper
 149 100
 91 73.6 61.0 91.4
 206 21.4 16.6 24.8





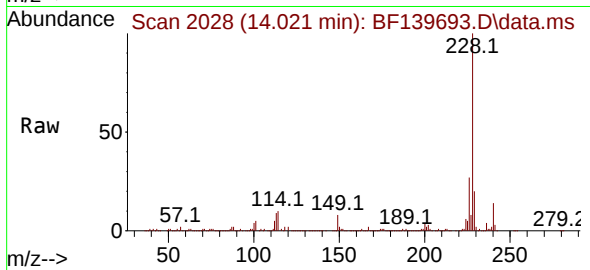
#81
Benzo(a)anthracene
Concen: 49.652 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD



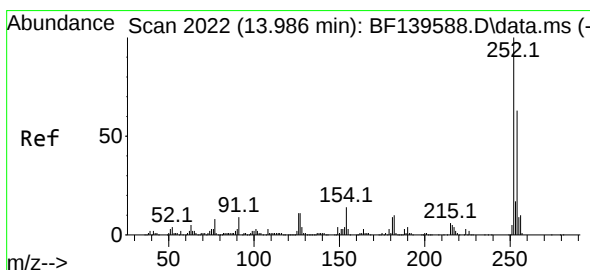
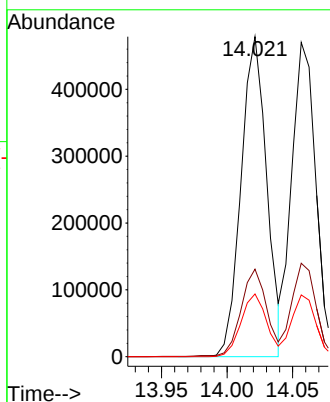
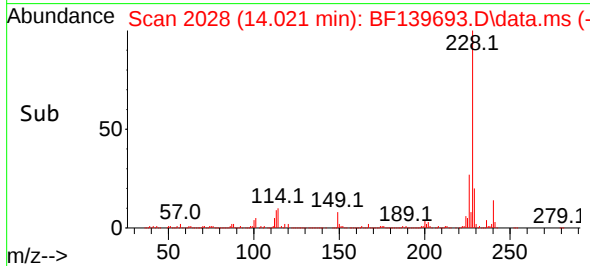
Tgt Ion:228 Resp: 651594
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 15.8 23.8

Manual Integrations

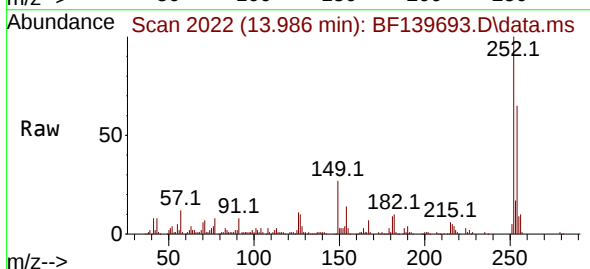
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

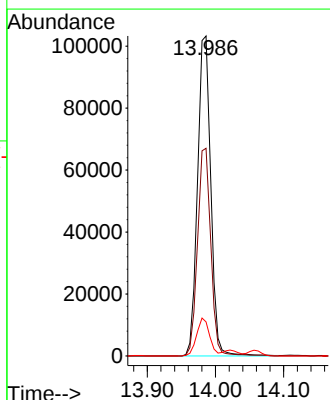
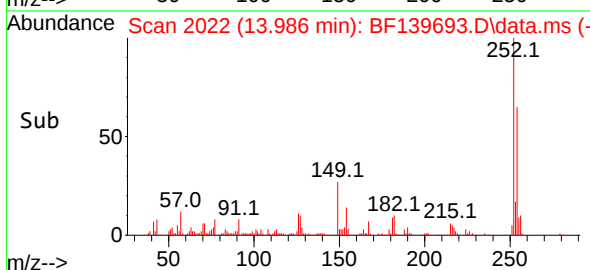
Supervised By :mohammad ahmed 10/09/2024

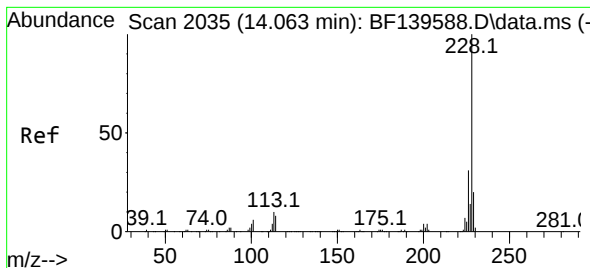


#82
3,3'-Dichlorobenzidine
Concen: 34.707 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28



Tgt Ion:252 Resp: 139395
Ion Ratio Lower Upper
252 100
254 64.9 50.5 75.7
126 10.6 8.8 13.2





#83

Chrysene

Concen: 50.031 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

Tgt Ion:228 Resp: 600279

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

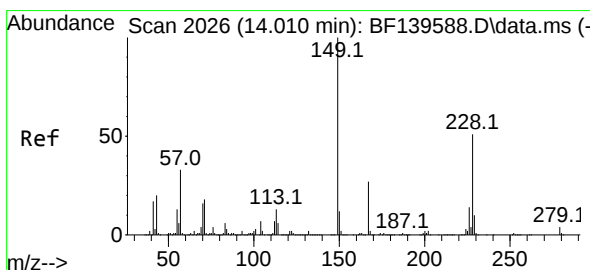
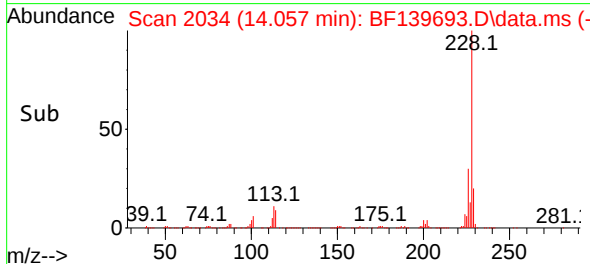
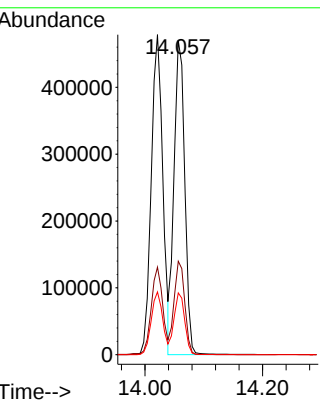
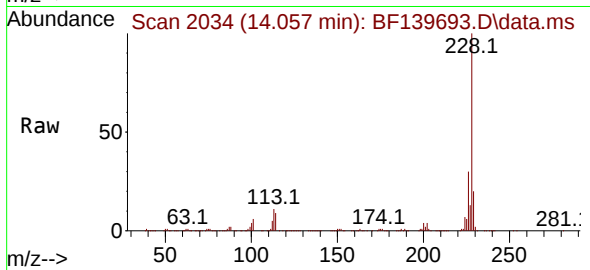
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.926 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

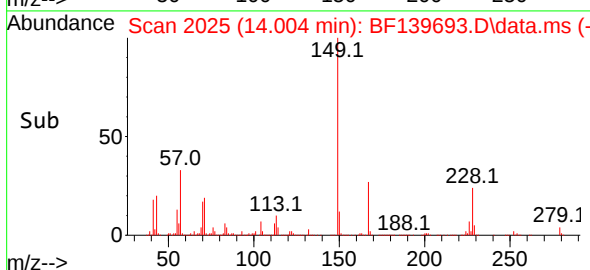
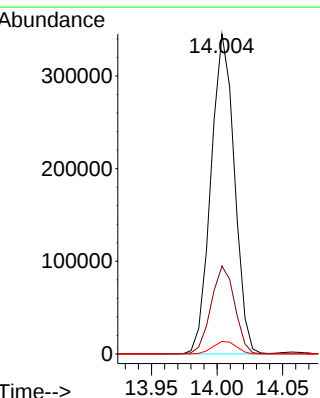
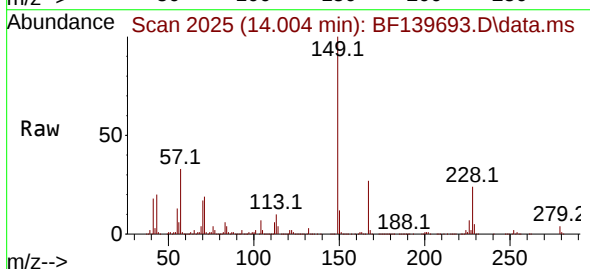
Tgt Ion:149 Resp: 429997

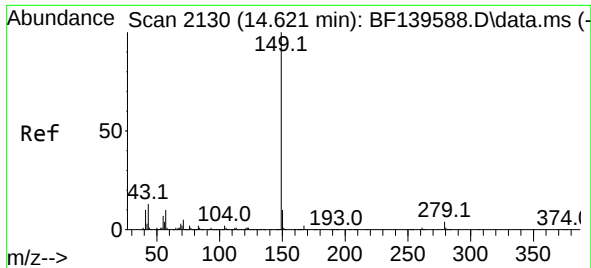
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

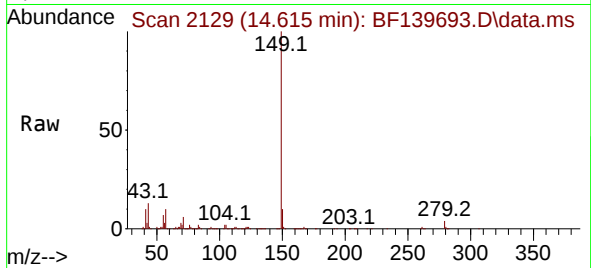
279 3.9 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 52.381 ng
RT: 14.615 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

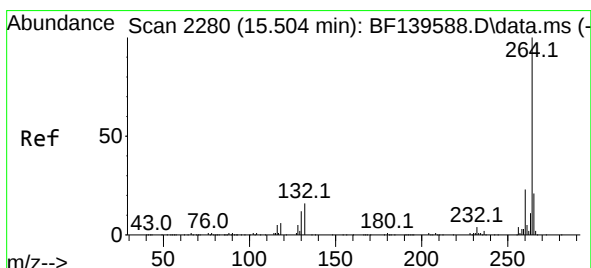
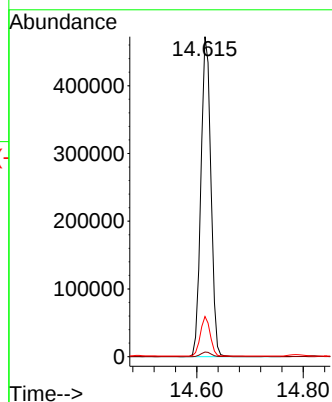
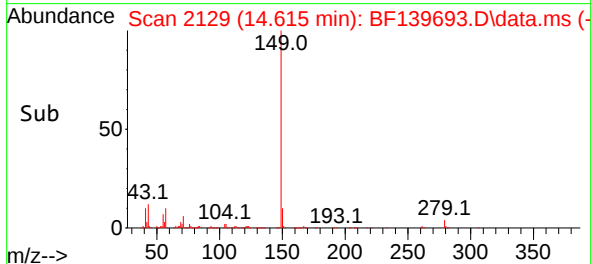
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



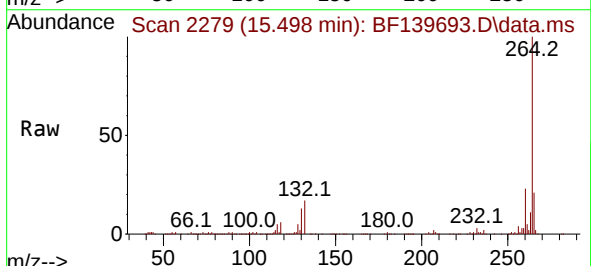
Tgt Ion:149 Resp: 61361
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.2 10.2 15.2

Manual Integrations
APPROVED

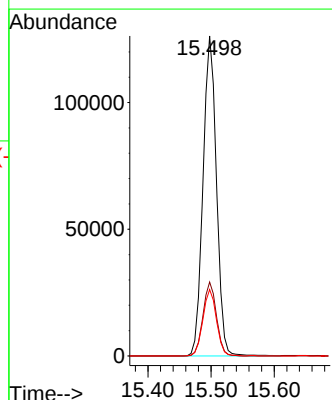
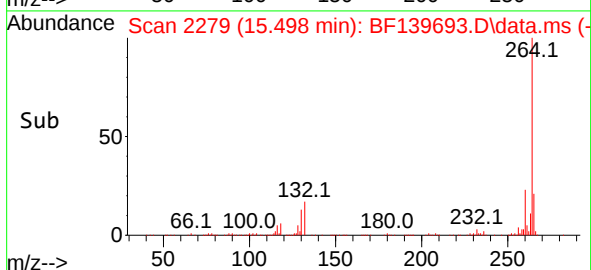
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

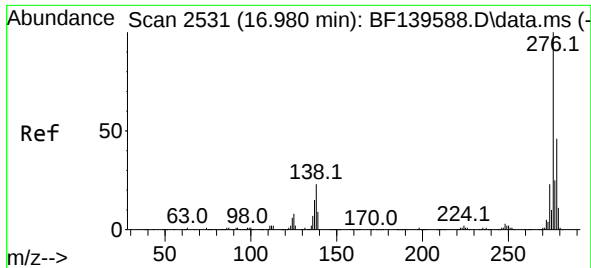


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28



Tgt Ion:264 Resp: 186804
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.7 16.9 25.3





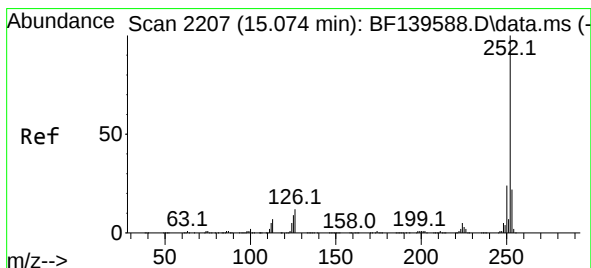
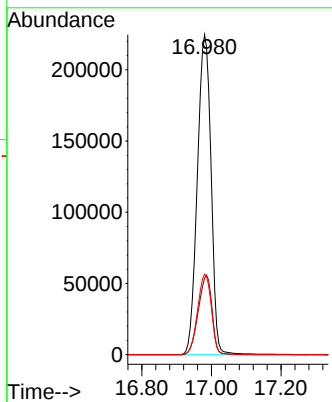
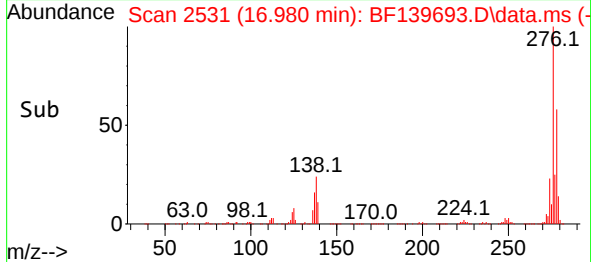
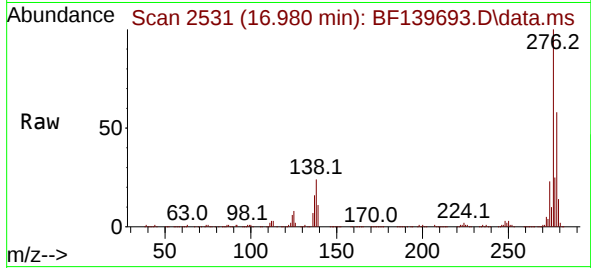
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 55.886 ng
 RT: 16.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139693.D
 Acq: 07 Oct 2024 18:28

Instrument :
 BNA_F
 ClientSampleId :
 IB-4MSD

Tgt Ion:	276	Resp:	614462
Ion Ratio	Lower	Upper	
276	100		
138	24.7	19.4	29.0
277	25.2	20.2	30.2

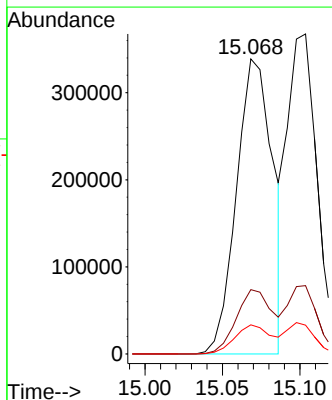
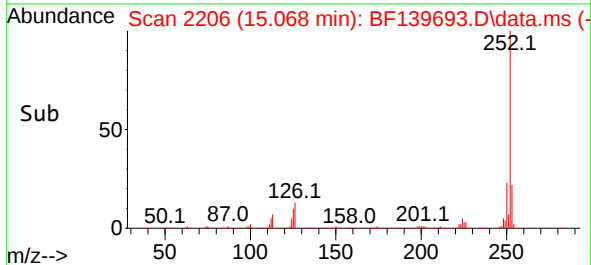
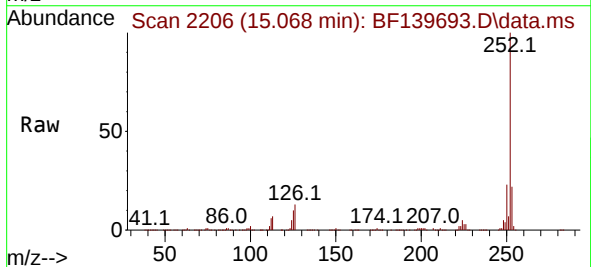
Manual Integrations
 APPROVED

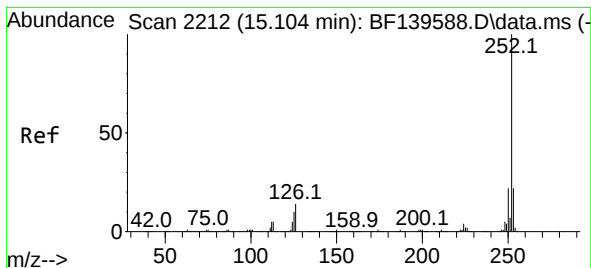
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024



#88
 Benzo(b)fluoranthene
 Concen: 45.902 ng
 RT: 15.068 min Scan# 2206
 Delta R.T. -0.006 min
 Lab File: BF139693.D
 Acq: 07 Oct 2024 18:28

Tgt Ion:	252	Resp:	554425
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	9.9	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 47.719 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF139693.D

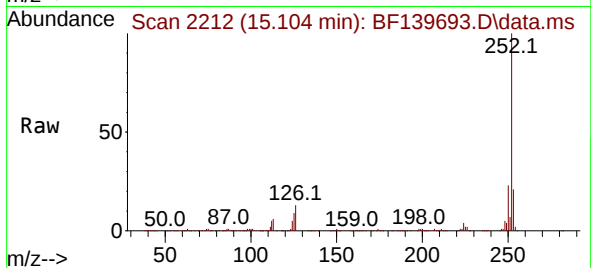
Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD



Tgt Ion:252 Resp: 488919

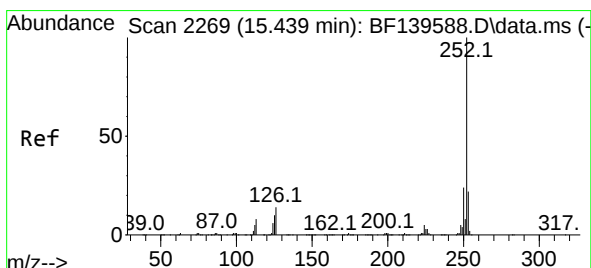
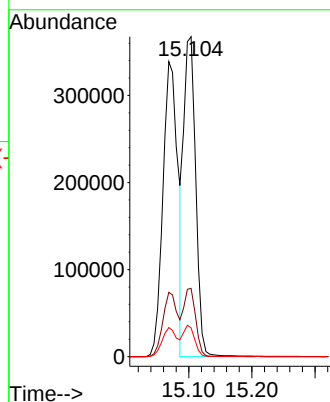
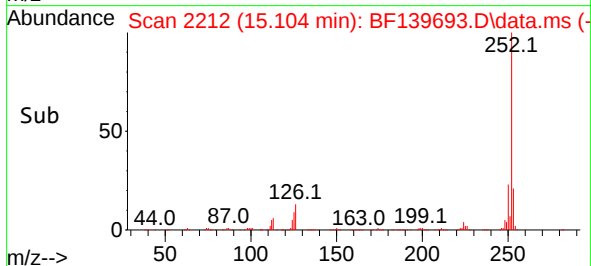
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	9.0	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#90

Benzo(a)pyrene

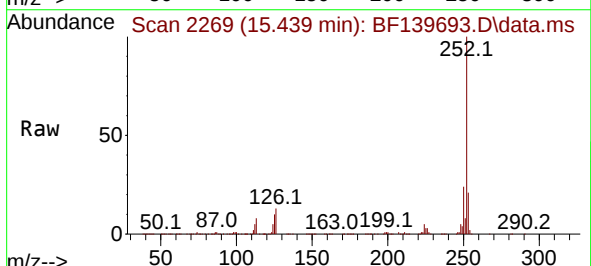
Concen: 52.516 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

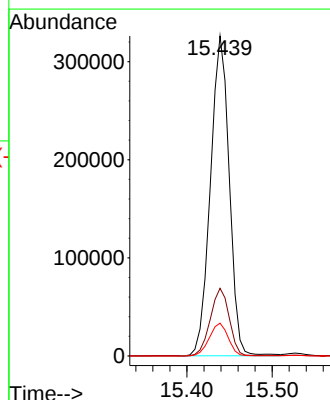
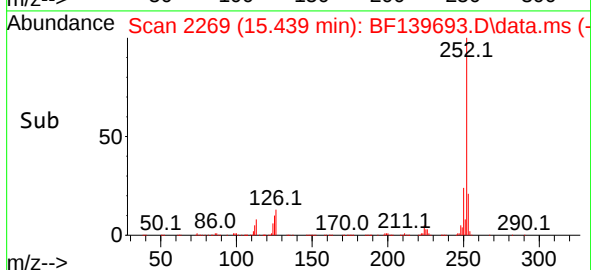
Lab File: BF139693.D

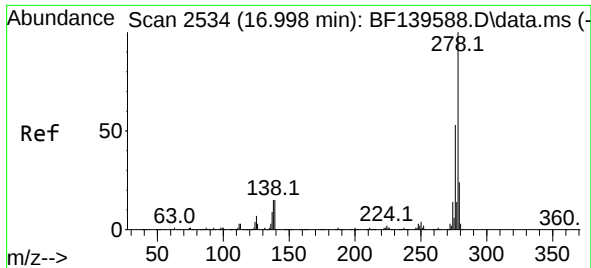
Acq: 07 Oct 2024 18:28



Tgt Ion:252 Resp: 500149

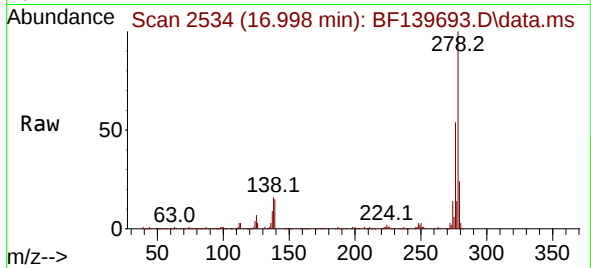
Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.3	25.9
125	10.2	8.3	12.5





#91
Dibenzo(a,h)anthracene
Concen: 54.785 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

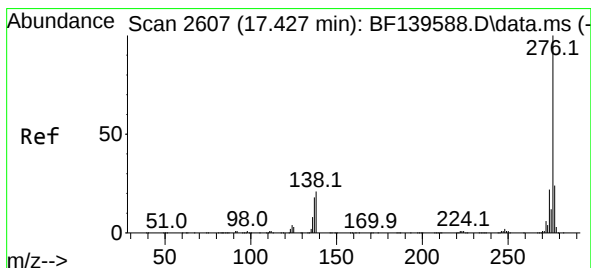
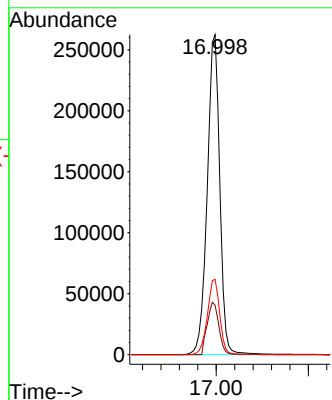
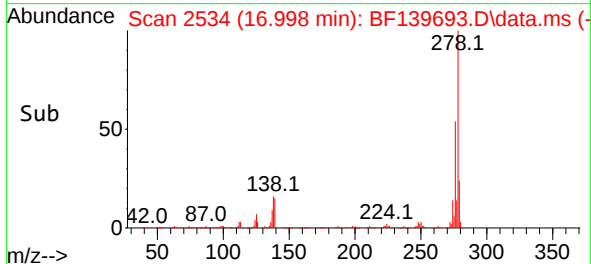
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



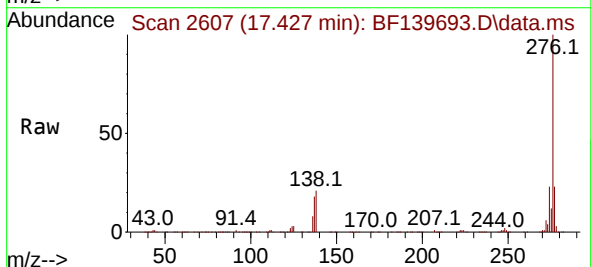
Tgt Ion:278 Resp: 499600
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.6 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#92
Benzo(g,h,i)perylene
Concen: 52.349 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28



Tgt Ion:276 Resp: 478770
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 20.7 17.0 25.6

