

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139696.D
 Acq On : 07 Oct 2024 19:53
 Operator : RC/JU
 Sample : P4270-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-2MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 01:13:41 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	91705	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	351047	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	193903	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	341611	20.000	ng	0.00
76) Chrysene-d12	14.033	240	174484	20.000	ng	0.00
86) Perylene-d12	15.504	264	194842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	455585	86.107	ng	0.00
7) Phenol-d6	6.504	99	618485	86.925	ng	0.00
23) Nitrobenzene-d5	7.428	82	404949	58.404	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	149400	79.815	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	692540	54.830	ng	0.00
79) Terphenyl-d14	12.974	244	545486	51.297	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	101778	44.493	ng	99
3) Pyridine	3.457	79	249069	44.770	ng	99
4) n-Nitrosodimethylamine	3.422	42	169869	46.647	ng	95
6) Aniline	6.528	93	199447	31.589	ng	# 63
8) 2-Chlorophenol	6.651	128	281735	49.701	ng	98
9) Benzaldehyde	6.416	77	96430	25.584	ng	99
10) Phenol	6.516	94	368107	49.201	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	273264	44.859	ng	99
12) 1,3-Dichlorobenzene	6.804	146	291656	45.736	ng	100
13) 1,4-Dichlorobenzene	6.887	146	293180	45.393	ng	99
14) 1,2-Dichlorobenzene	7.034	146	284896	47.066	ng	99
15) Benzyl Alcohol	7.010	79	263554	48.479	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	490834	46.544	ng	92
17) 2-Methylphenol	7.122	107	228990	48.388	ng	99
18) Hexachloroethane	7.375	117	108793	45.160	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	210977	46.121	ng	97
20) 3+4-Methylphenols	7.275	107	288644	48.560	ng	97
22) Acetophenone	7.275	105	383453	46.017	ng	97
24) Nitrobenzene	7.451	77	325699	45.364	ng	99
25) Isophorone	7.686	82	579018	47.018	ng	99
26) 2-Nitrophenol	7.763	139	151448	49.068	ng	98
27) 2,4-Dimethylphenol	7.804	122	220660	58.399	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	341436	46.431	ng	99
29) 2,4-Dichlorophenol	8.010	162	239196	48.533	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	245703	44.083	ng	99
31) Naphthalene	8.169	128	835373	46.542	ng	100
32) Benzoic acid	7.934	122	167329	44.536	ng	99
33) 4-Chloroaniline	8.222	127	33097	5.448	ng	99
34) Hexachlorobutadiene	8.281	225	157661	43.711	ng	99
35) Caprolactam	8.598	113	78925m	48.825	ng	
36) 4-Chloro-3-methylphenol	8.710	107	262668	47.081	ng	99
37) 2-Methylnaphthalene	8.863	142	546526	46.753	ng	100
38) 1-Methylnaphthalene	8.963	142	508798	44.528	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	252918	46.972	ng	99
41) Hexachlorocyclopentadiene	9.010	237	206521	125.088	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	177395	48.872	ng	98

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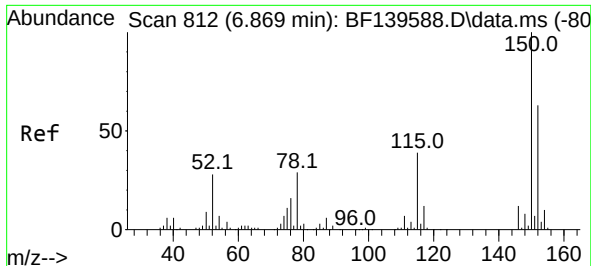
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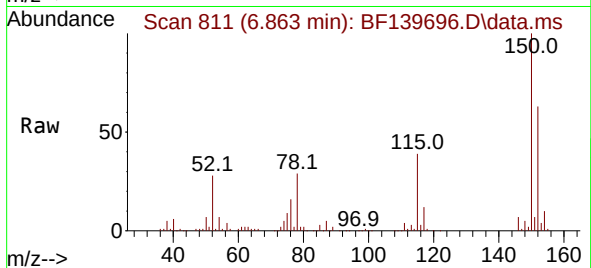
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	185583	47.410	ng	98
46) 1,1'-Biphenyl	9.328	154	675101	46.811	ng	100
47) 2-Chloronaphthalene	9.351	162	502858	46.511	ng	99
48) 2-Nitroaniline	9.451	65	189259	48.764	ng	97
49) Acenaphthylene	9.769	152	831203	50.553	ng	100
50) Dimethylphthalate	9.628	163	617018	48.611	ng	99
51) 2,6-Dinitrotoluene	9.692	165	133575	46.585	ng	96
52) Acenaphthene	9.939	154	587852m	52.080	ng	
53) 3-Nitroaniline	9.863	138	76502	26.109	ng	93
54) 2,4-Dinitrophenol	9.969	184	115144	74.661	ng	98
55) Dibenzofuran	10.110	168	769898	48.715	ng	100
56) 4-Nitrophenol	10.033	139	198400	88.790	ng	94
57) 2,4-Dinitrotoluene	10.098	165	180647	48.199	ng	97
58) Fluorene	10.457	166	613344	48.726	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	152610	48.270	ng	98
60) Diethylphthalate	10.327	149	616916	47.055	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	285251	45.296	ng	97
62) 4-Nitroaniline	10.475	138	122362	40.826	ng	99
63) Azobenzene	10.604	77	691016	52.410	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	80745	41.851	ng	97
66) n-Nitrosodiphenylamine	10.563	169	507151	50.365	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	166685	47.590	ng	97
68) Hexachlorobenzene	10.998	284	181290	46.645	ng	99
69) Atrazine	11.092	200	160257	59.318	ng	99
70) Pentachlorophenol	11.198	266	195380	84.424	ng	98
71) Phenanthrene	11.416	178	1083178	67.248	ng	99
72) Anthracene	11.469	178	861292	54.051	ng	99
73) Carbazole	11.627	167	718268	46.931	ng	99
74) Di-n-butylphthalate	11.951	149	881186	47.348	ng	99
75) Fluoranthene	12.604	202	1044373	59.314	ng	100
77) Benzidine	12.727	184	151447	49.208	ng	99
78) Pyrene	12.833	202	985447	63.147	ng	98
80) Butylbenzylphthalate	13.451	149	281681	50.462	ng	97
81) Benzo(a)anthracene	14.021	228	683533	59.584	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	126157	35.934	ng	98
83) Chrysene	14.063	228	632371	60.295	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	368609	52.883	ng	100
85) Di-n-octyl phthalate	14.621	149	605447	59.125	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	560725	48.895	ng	99
88) Benzo(b)fluoranthene	15.074	252	728876	57.856	ng	99
89) Benzo(k)fluoranthene	15.104	252	490394	45.889	ng	100
90) Benzo(a)pyrene	15.445	252	598216	60.221	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	441485	46.415	ng	100
92) Benzo(g,h,i)perylene	17.427	276	415844	43.593	ng	100

(#) = 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: BF139696.D
Acq: 07 Oct 2024 19:53

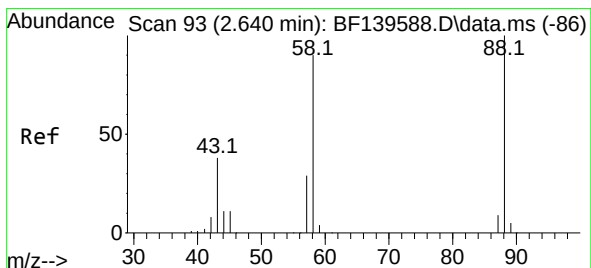
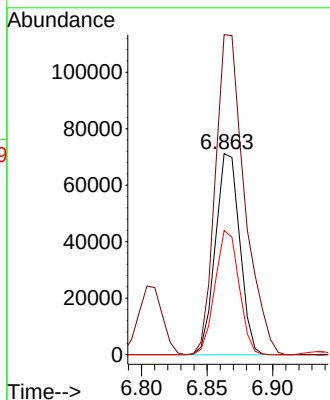
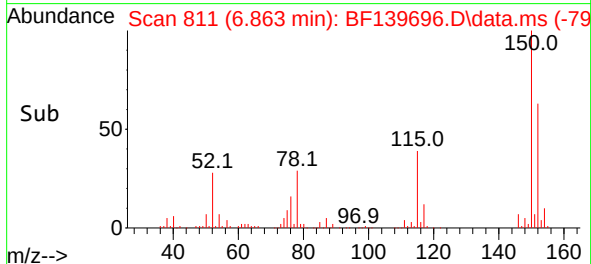
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:152 Resp: 9170
Ion Ratio Lower Upper
152 100
150 159.1 127.2 190.8
115 61.7 49.0 73.4

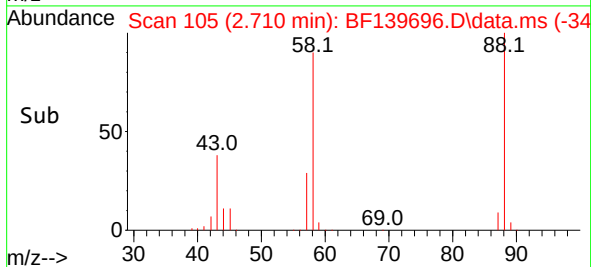
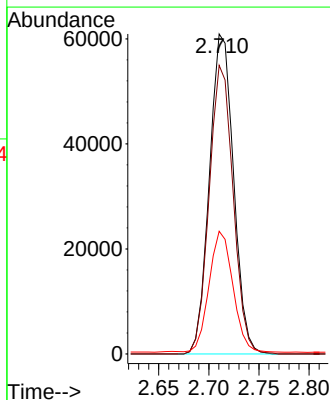
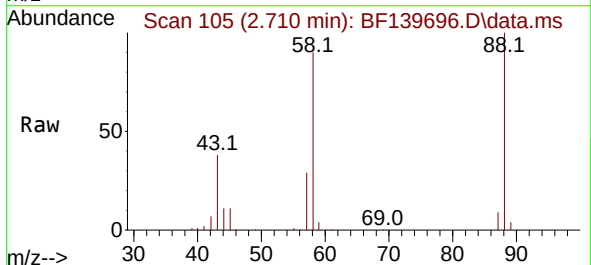
Manual Integrations
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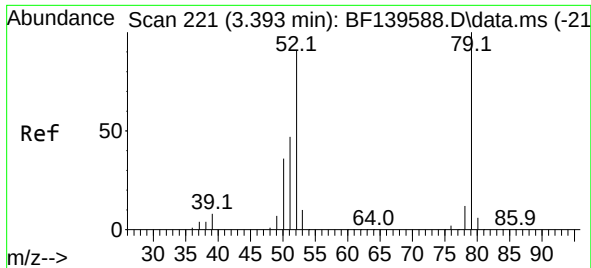
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#2
1,4-Dioxane
Concen: 44.493 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.070 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion: 88 Resp: 101778
Ion Ratio Lower Upper
88 100
58 89.7 72.0 108.0
43 37.6 30.8 46.2





#3

Pyridine

Concen: 44.770 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

Tgt Ion: 79 Resp: 249069

Ion Ratio Lower Upper

79 100

52 90.4 72.6 109.0

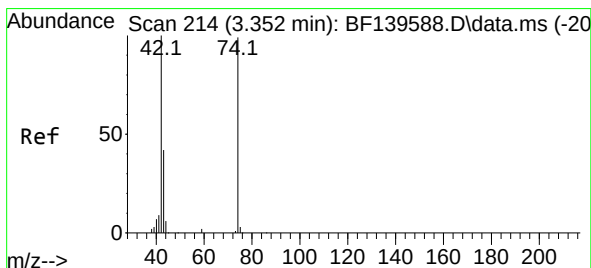
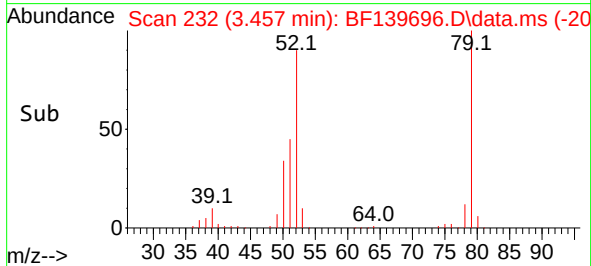
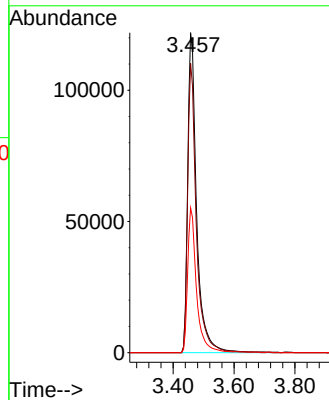
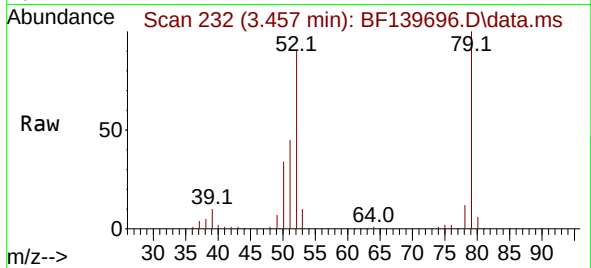
51 45.2 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#4

n-Nitrosodimethylamine

Concen: 46.647 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.070 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

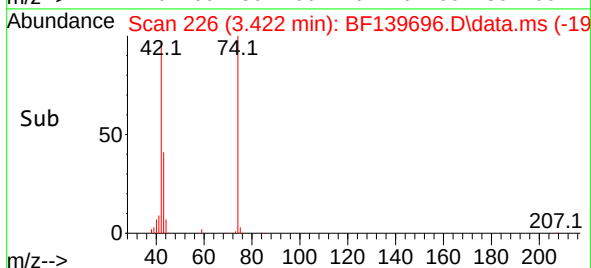
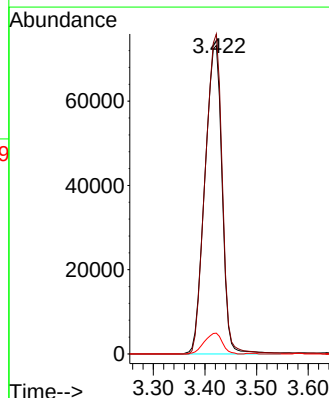
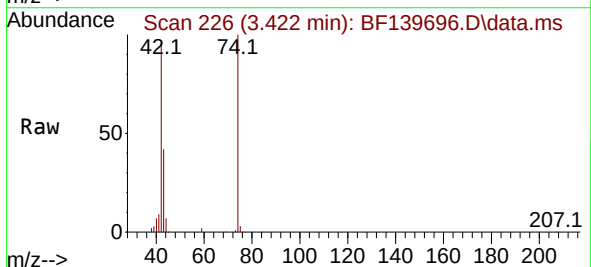
Tgt Ion: 42 Resp: 169869

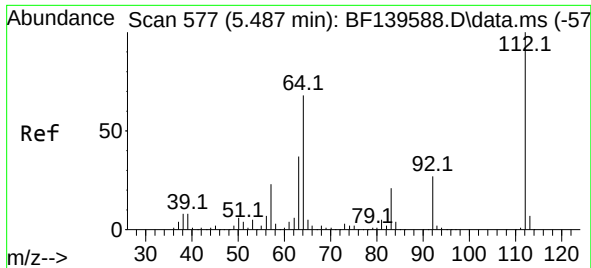
Ion Ratio Lower Upper

42 100

74 103.7 79.0 118.6

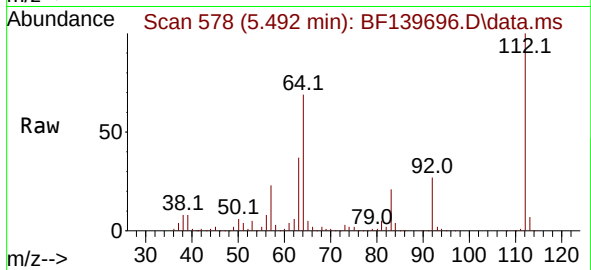
44 6.8 5.2 7.8





#5
2-Fluorophenol
Concen: 86.107 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

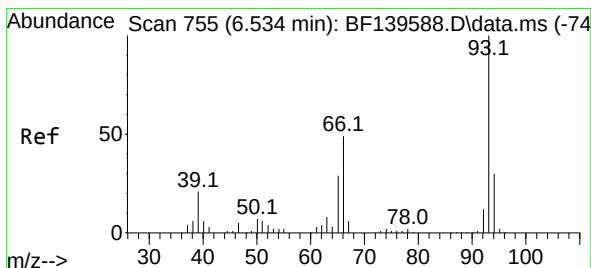
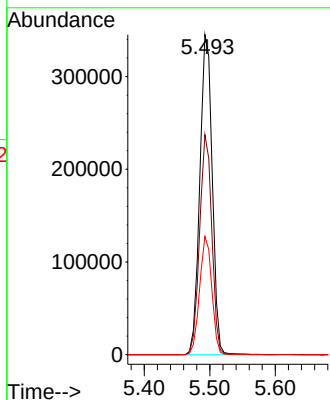
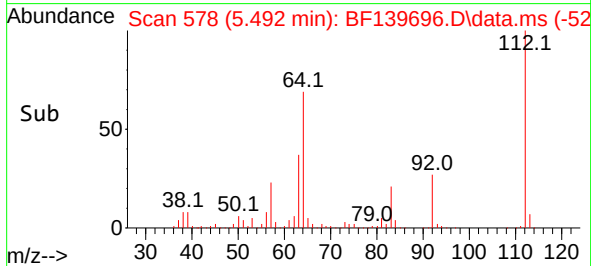
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:112 Resp: 45558
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 37.0 29.4 44.2

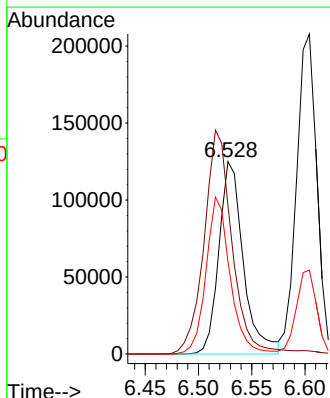
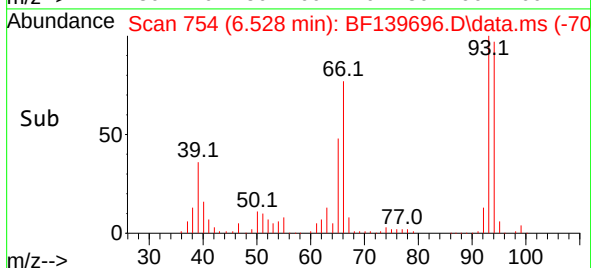
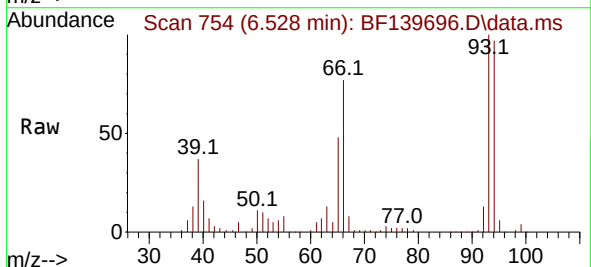
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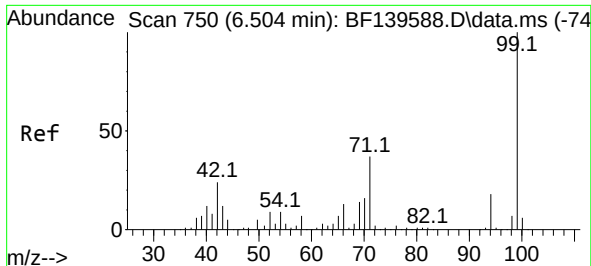
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#6
Aniline
Concen: 31.589 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

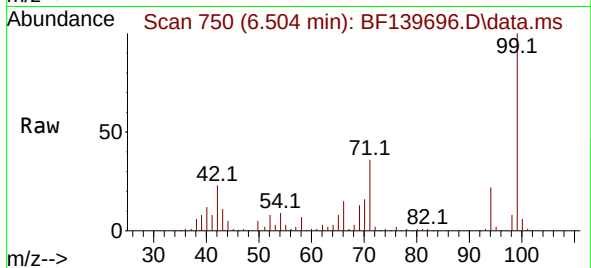
Tgt Ion: 93 Resp: 199447
Ion Ratio Lower Upper
93 100
66 77.2 40.9 61.3#
65 48.2 23.3 34.9#





#7
Phenol-d6
Concen: 86.925 ng
RT: 6.504 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

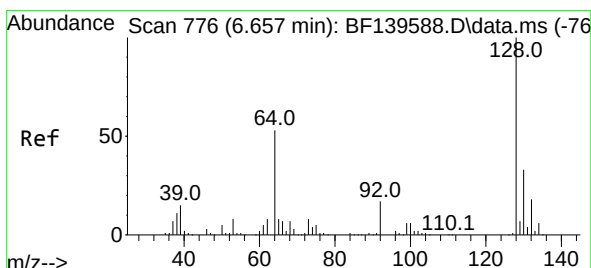
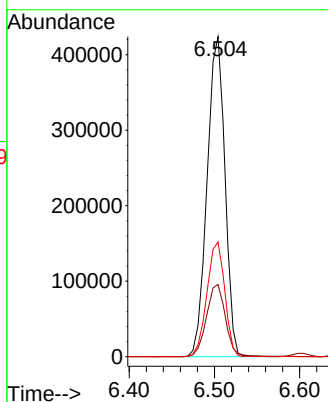
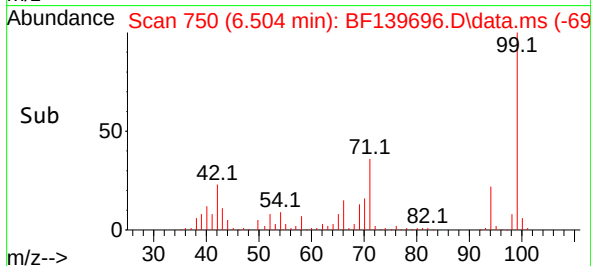
Instrument :
BNA_F
ClientSampleId :
IB-2MS



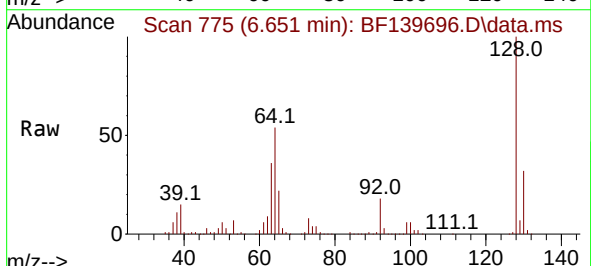
Tgt Ion: 99 Resp: 61848
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 35.8 29.7 44.5

Manual Integrations
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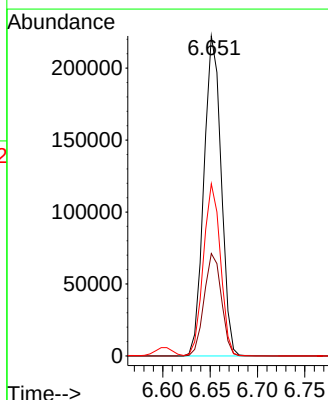
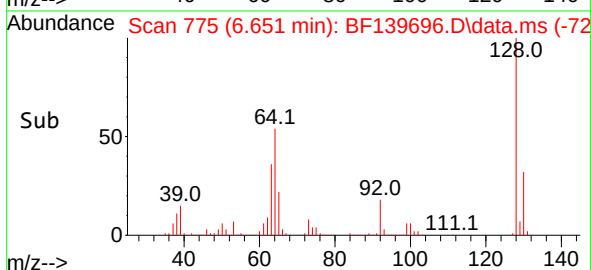
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Supervised By :mohammad ahmed 10/09/2024

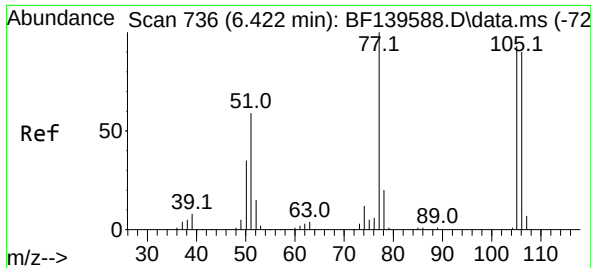


#8
2-Chlorophenol
Concen: 49.701 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



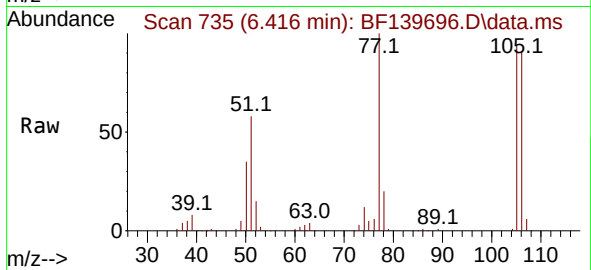
Tgt Ion:128 Resp: 281735
Ion Ratio Lower Upper
128 100
130 32.0 13.2 53.2
64 53.8 35.1 75.1





#9
Benzaldehyde
Concen: 25.584 ng
RT: 6.416 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

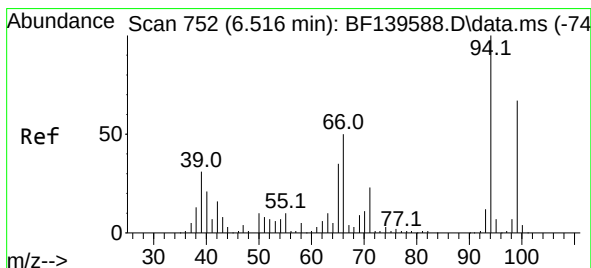
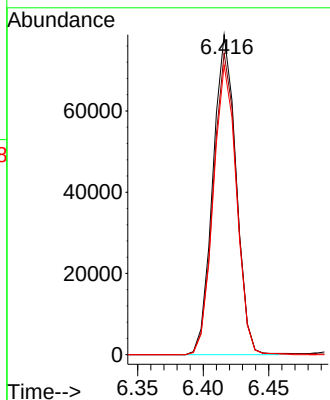
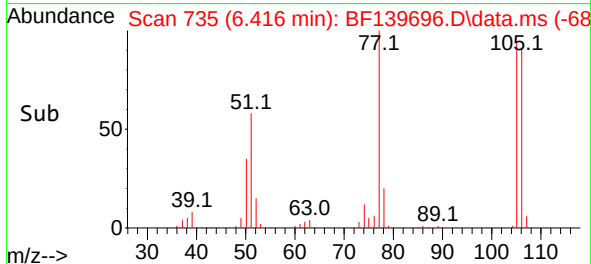
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion: 77 Resp: 96430
Ion Ratio Lower Upper
77 100
105 94.2 72.7 112.7
106 90.5 70.1 110.1

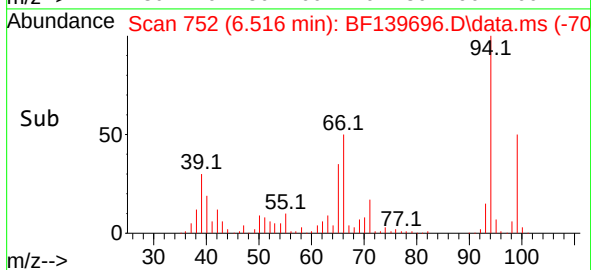
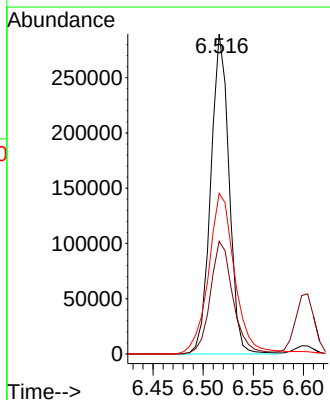
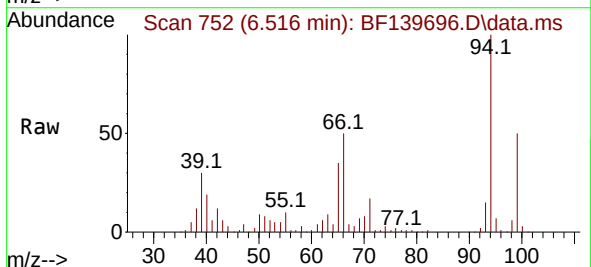
Manual Integrations
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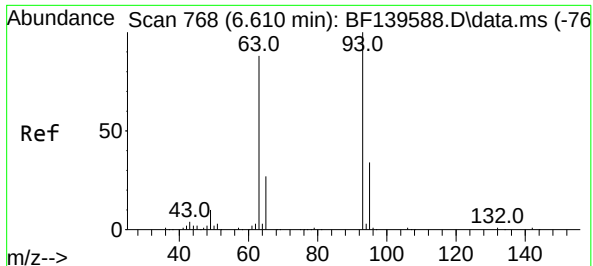
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#10
Phenol
Concen: 49.201 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion: 94 Resp: 368107
Ion Ratio Lower Upper
94 100
65 35.2 15.3 55.3
66 50.2 30.5 70.5





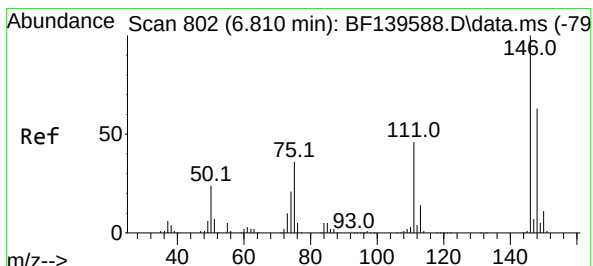
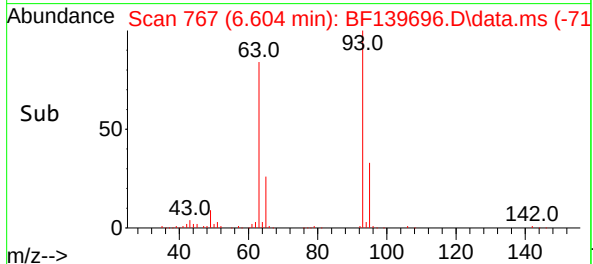
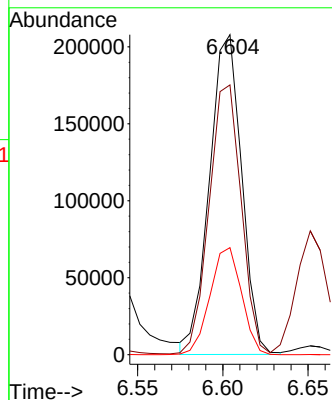
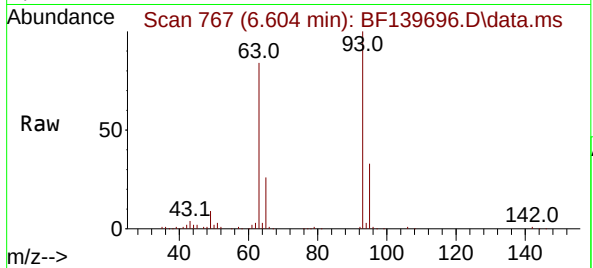
#11
bis(2-Chloroethyl)ether
Concen: 44.859 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :
BNA_F
ClientSampleId :
IB-2MS

Tgt Ion: 93 Resp: 273264
Ion Ratio Lower Upper
93 100
63 84.3 64.1 104.1
95 33.5 12.3 52.3

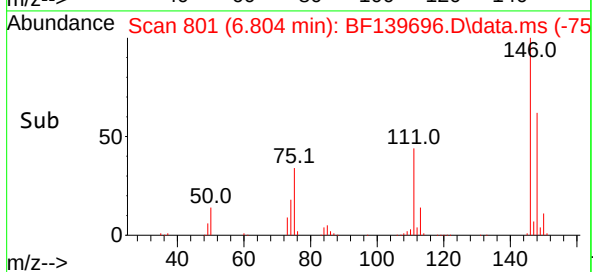
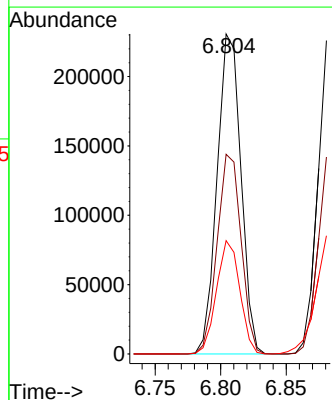
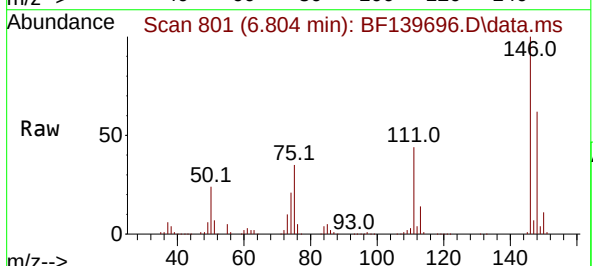
Manual Integrations
APPROVED

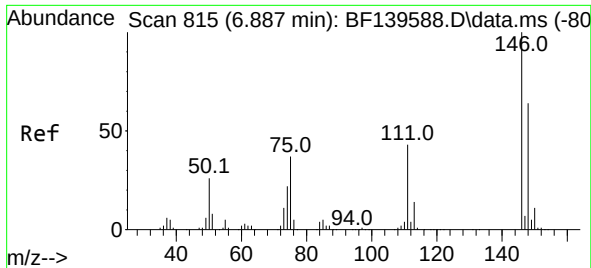
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#12
1,3-Dichlorobenzene
Concen: 45.736 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:146 Resp: 291656
Ion Ratio Lower Upper
146 100
148 62.4 50.2 75.4
75 35.4 28.5 42.7





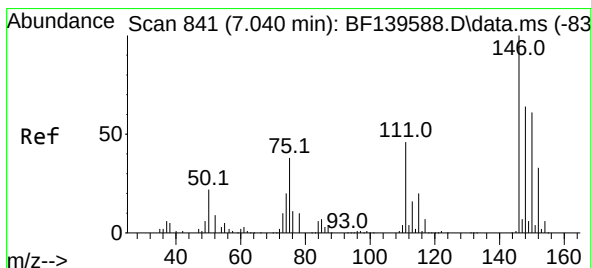
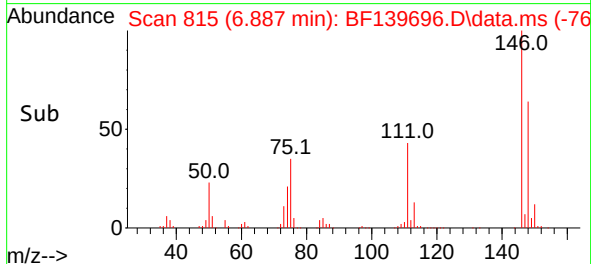
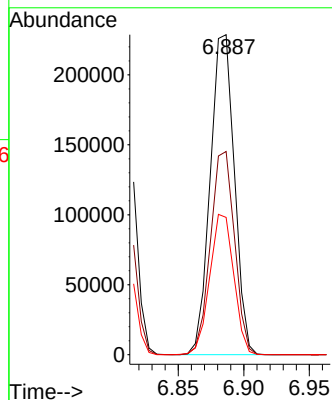
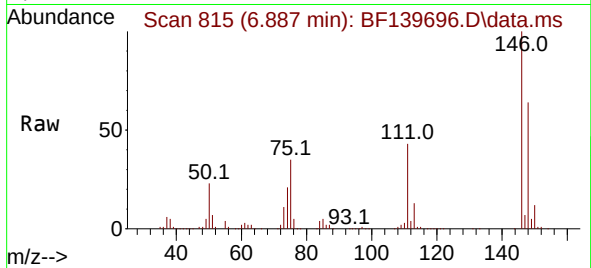
#13
1,4-Dichlorobenzene
Concen: 45.393 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :
BNA_F
ClientSampleId :
IB-2MS

Tgt Ion:146 Resp: 293180
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 42.9 34.9 52.3

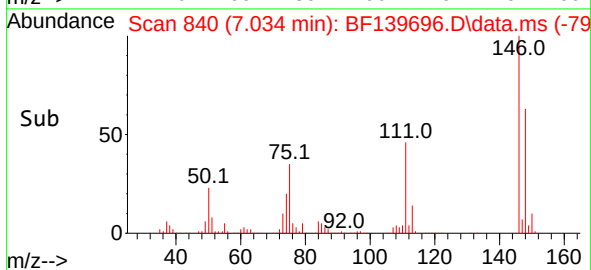
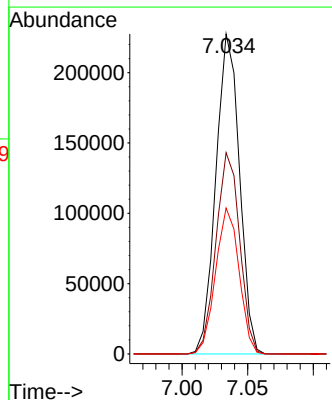
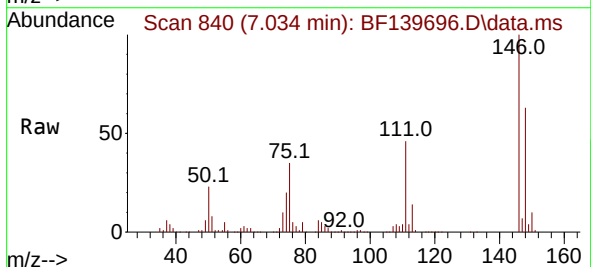
Manual Integrations
APPROVED

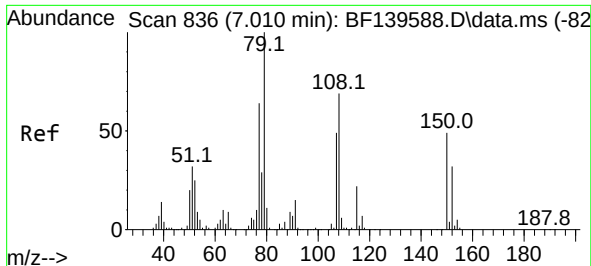
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#14
1,2-Dichlorobenzene
Concen: 47.066 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

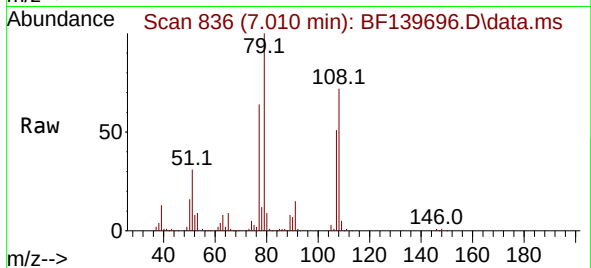
Tgt Ion:146 Resp: 284896
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
111 45.6 37.0 55.6





#15
Benzyl Alcohol
Concen: 48.479 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

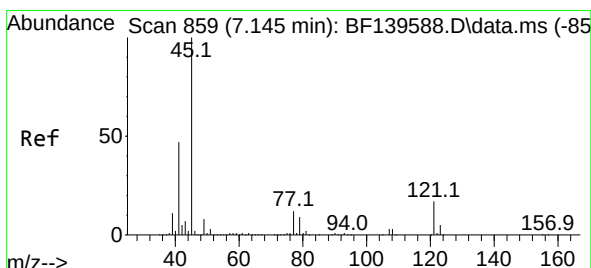
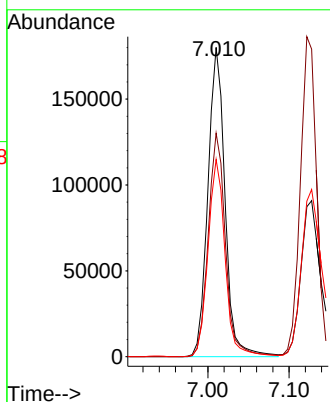
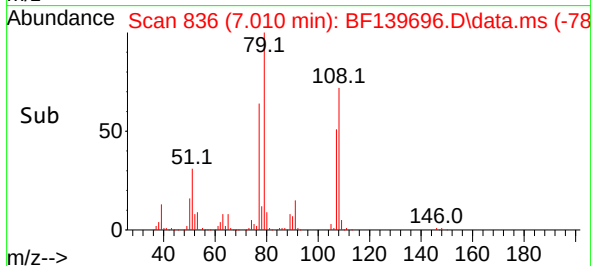
Instrument :
BNA_F
ClientSampleId :
IB-2MS



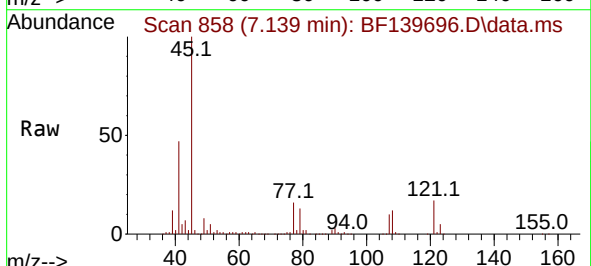
Tgt Ion: 79 Resp: 263554
Ion Ratio Lower Upper
79 100
108 72.3 55.1 82.7
77 63.8 50.8 76.2

Manual Integrations
APPROVED

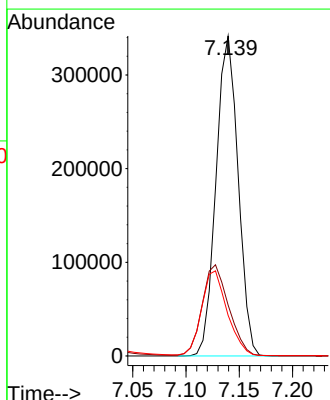
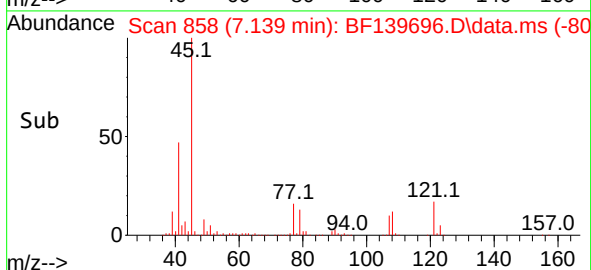
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

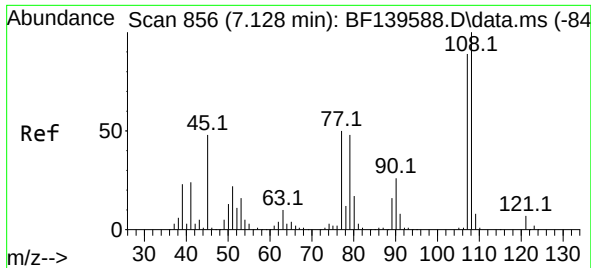


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.544 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



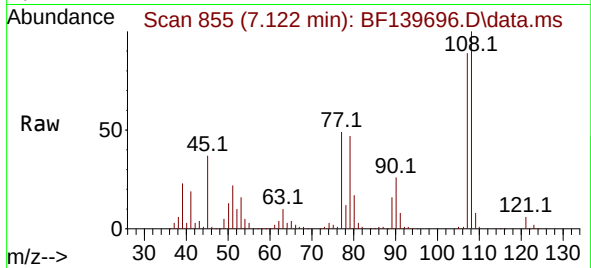
Tgt Ion: 45 Resp: 490834
Ion Ratio Lower Upper
45 100
77 15.9 0.0 32.5
79 12.7 0.0 29.7





#17
2-Methylphenol
Concen: 48.388 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

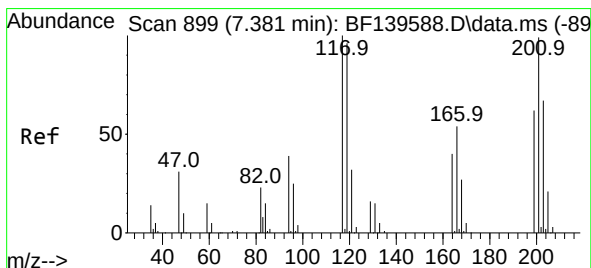
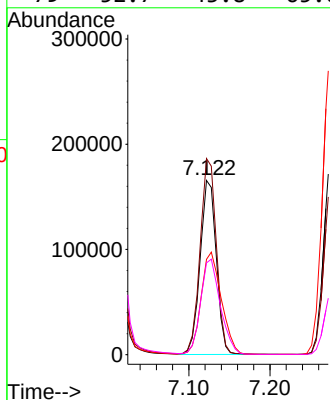
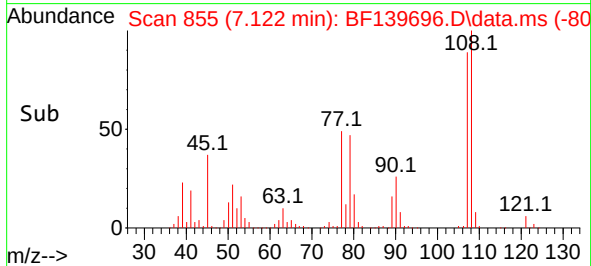
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:107 Resp: 228990
Ion Ratio Lower Upper
107 100
108 112.5 89.8 134.6
77 54.7 44.6 67.0
79 52.7 43.8 65.6

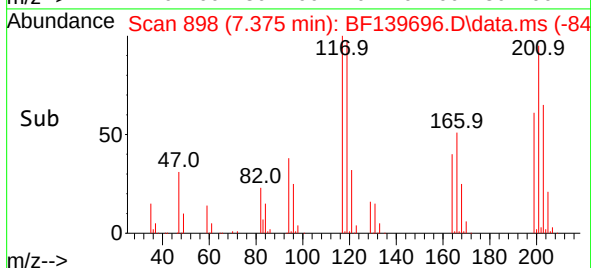
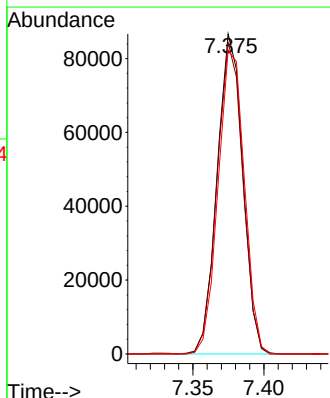
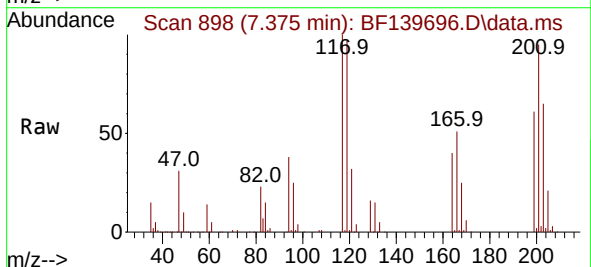
Manual Integrations
APPROVED

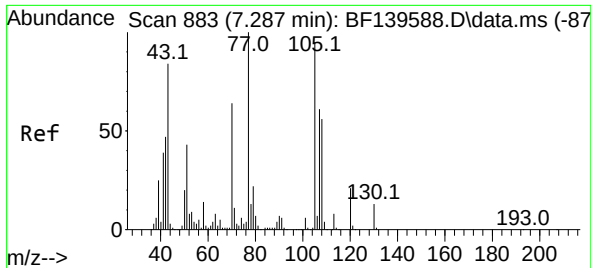
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#18
Hexachloroethane
Concen: 45.160 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:117 Resp: 108793
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.6
201 95.0 79.2 118.8





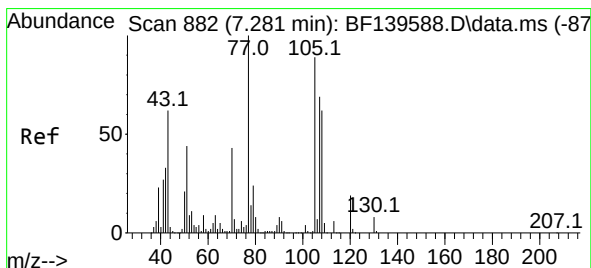
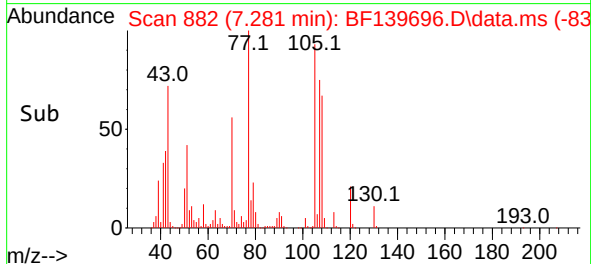
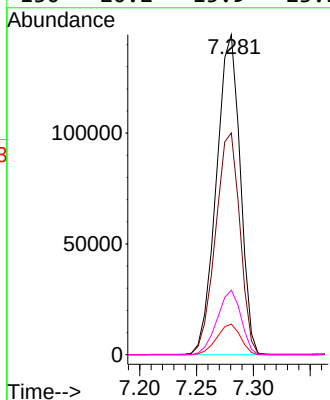
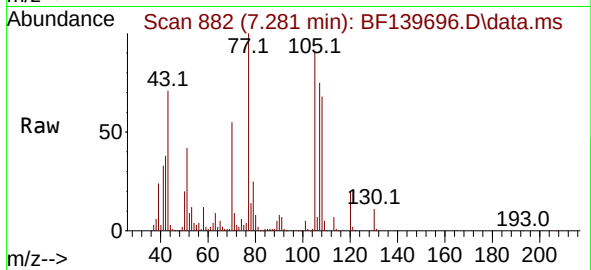
#19
n-Nitroso-di-n-propylamine
Concen: 46.121 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :
BNA_F
ClientSampleId :
IB-2MS

Tgt Ion: 70 Resp: 21097
Ion Ratio Lower Upper
70 100
42 69.3 58.0 87.0
101 9.6 7.8 11.8
130 20.2 15.9 23.9

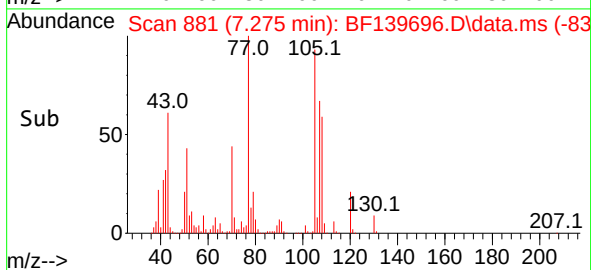
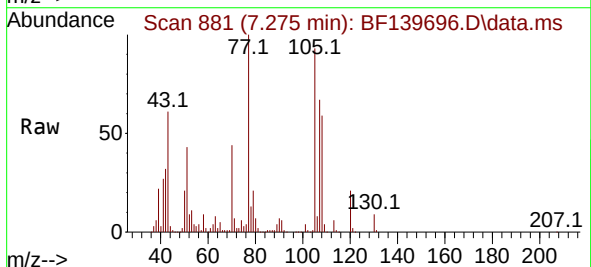
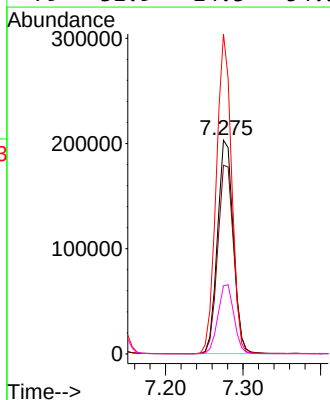
Manual Integrations
APPROVED

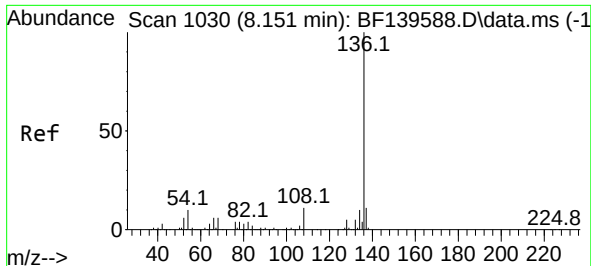
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#20
3+4-Methylphenols
Concen: 48.560 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:107 Resp: 288644
Ion Ratio Lower Upper
107 100
108 88.2 70.2 110.2
77 149.7 125.3 165.3
79 31.9 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: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

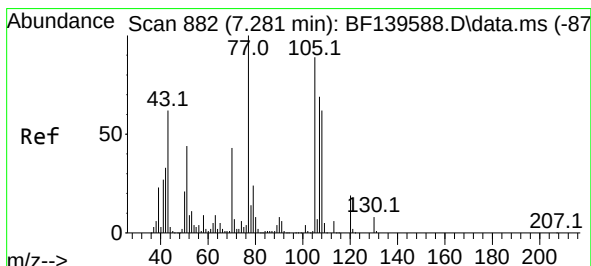
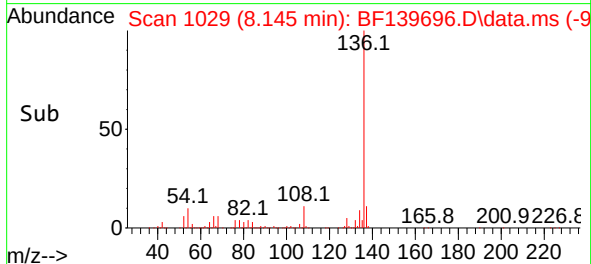
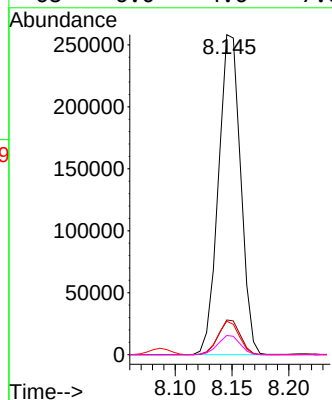
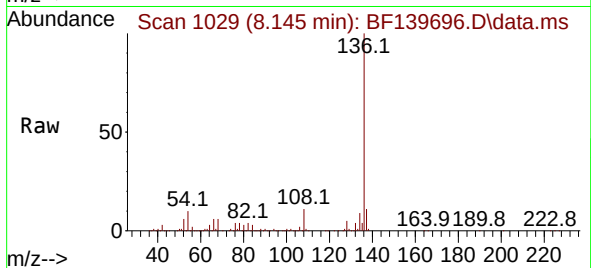
IB-2MS

Tgt Ion:136 Resp: 35104
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.4 8.3 12.5
68 6.0 4.6 7.0

Manual Integrations

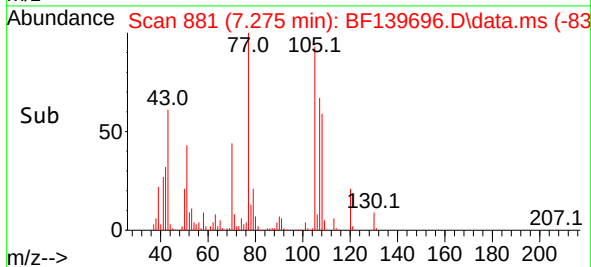
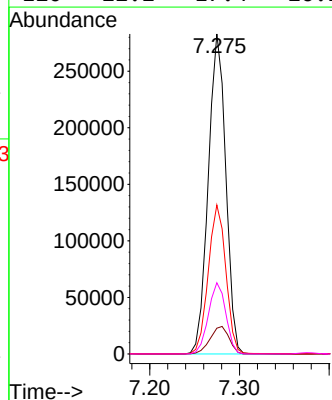
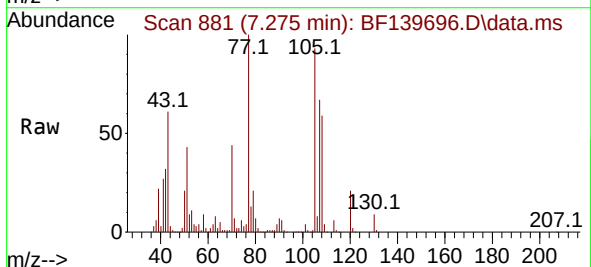
APPROVED

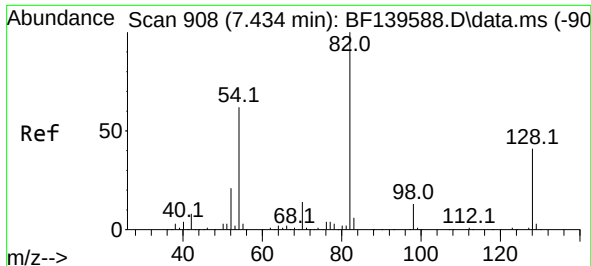
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#22
Acetophenone
Concen: 46.017 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:105 Resp: 383453
Ion Ratio Lower Upper
105 100
71 8.0 6.6 10.0
51 46.6 39.4 59.0
120 22.2 17.4 26.2





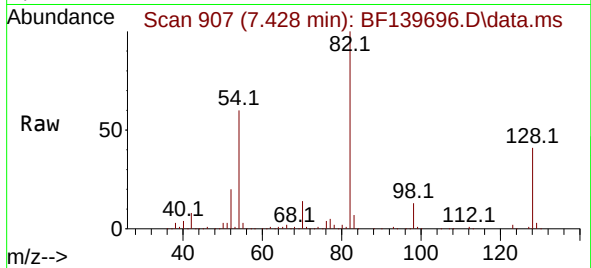
#23
Nitrobenzene-d5
Concen: 58.404 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

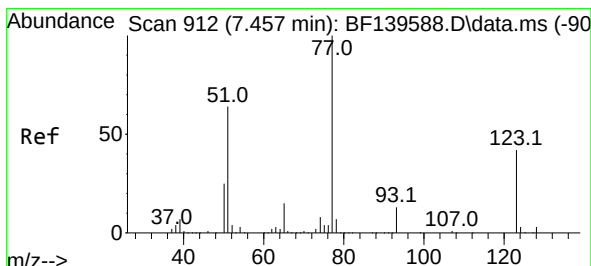
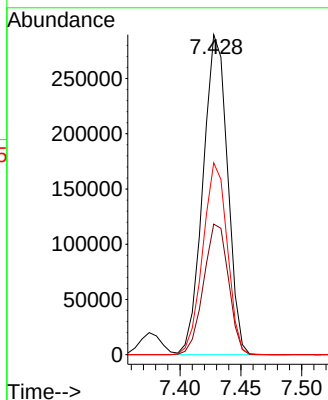
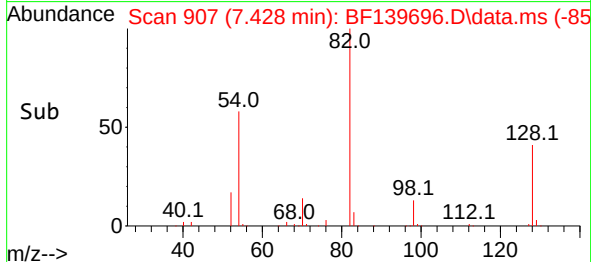


Tgt Ion: 82 Resp: 404949
Ion Ratio Lower Upper
82 100
128 40.8 32.4 48.6
54 60.0 49.1 73.7

Manual Integrations

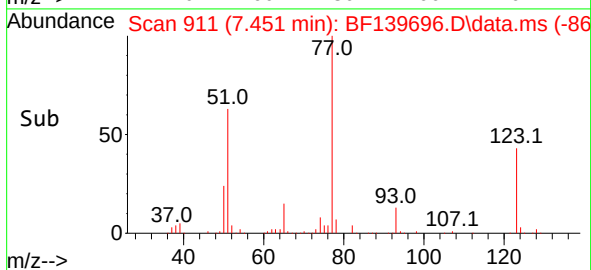
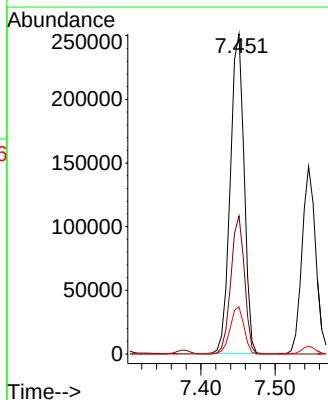
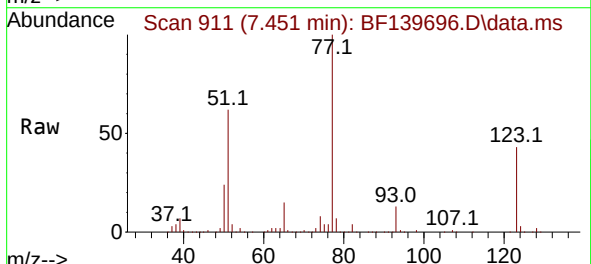
APPROVED

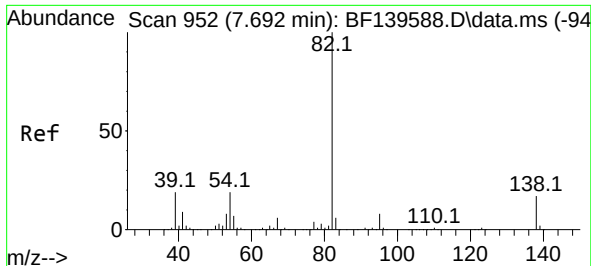
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#24
Nitrobenzene
Concen: 45.364 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

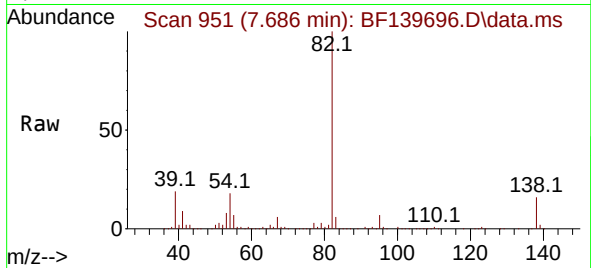
Tgt Ion: 77 Resp: 325699
Ion Ratio Lower Upper
77 100
123 43.2 34.2 51.4
65 14.7 12.1 18.1





#25
Isophorone
Concen: 47.018 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

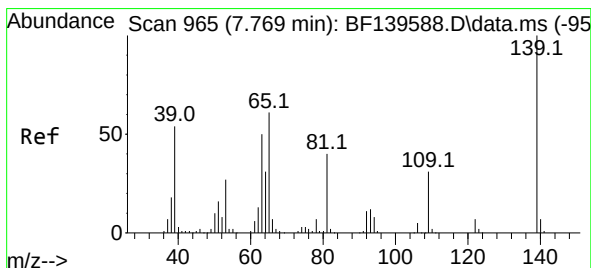
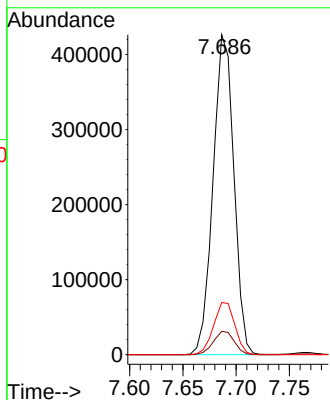
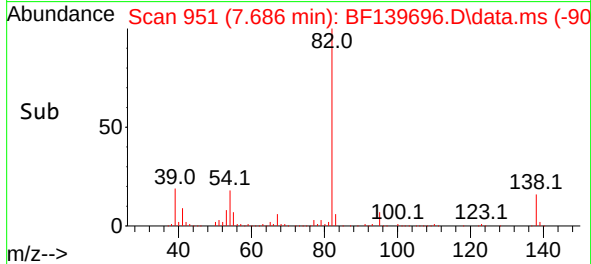
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion: 82 Resp: 579018
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.3 13.4 20.2

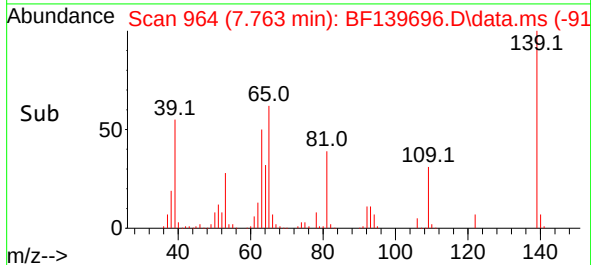
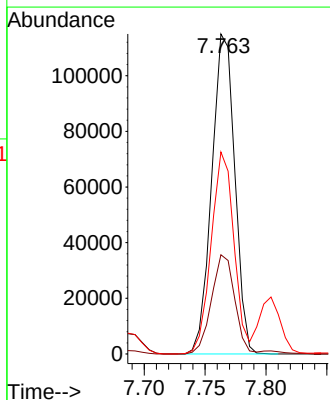
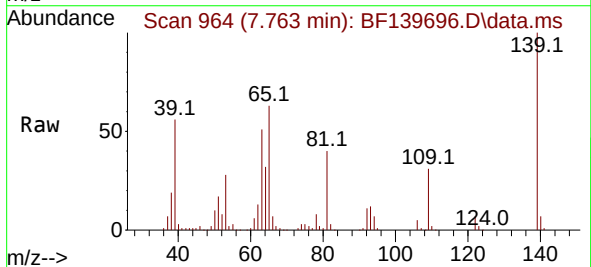
Manual Integrations
APPROVED

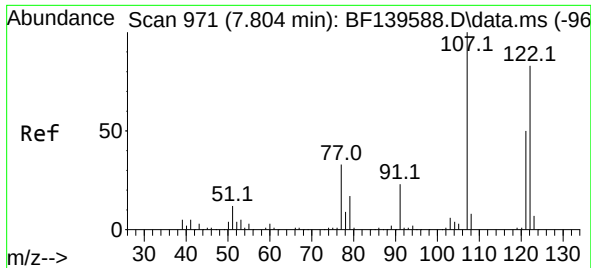
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#26
2-Nitrophenol
Concen: 49.068 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

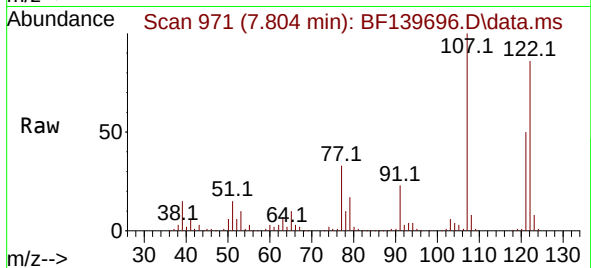
Tgt Ion:139 Resp: 151448
Ion Ratio Lower Upper
139 100
109 31.0 24.9 37.3
65 63.1 48.6 72.8





#27
2,4-Dimethylphenol
Concen: 58.399 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

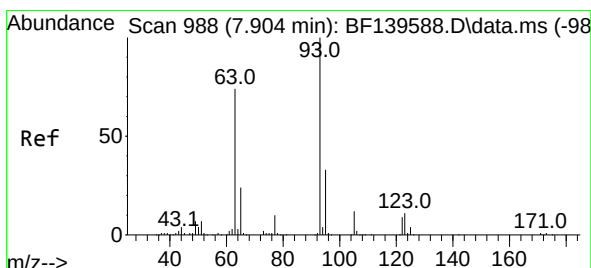
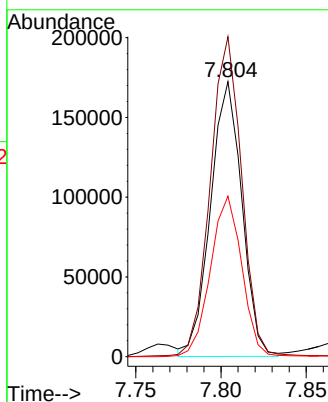
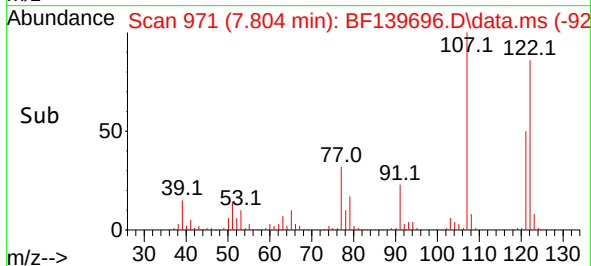
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:122 Resp: 220660
Ion Ratio Lower Upper
122 100
107 116.4 95.4 143.0
121 58.4 47.4 71.2

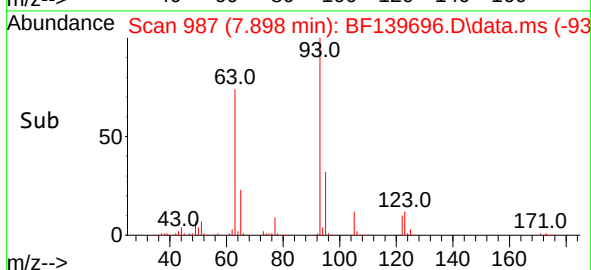
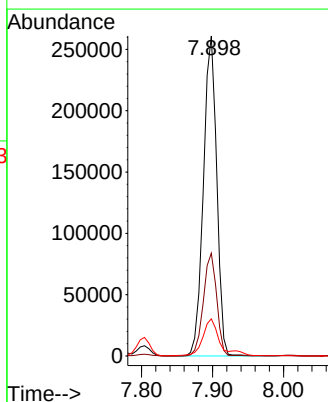
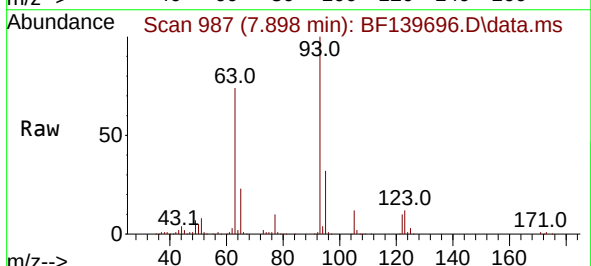
Manual Integrations
APPROVED

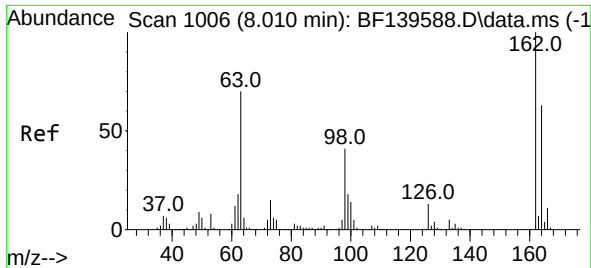
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.431 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion: 93 Resp: 341436
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.533 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

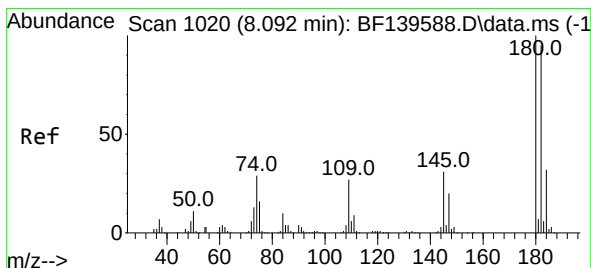
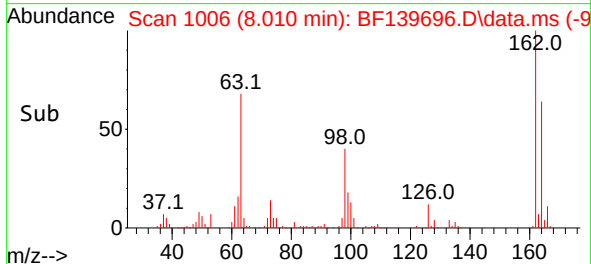
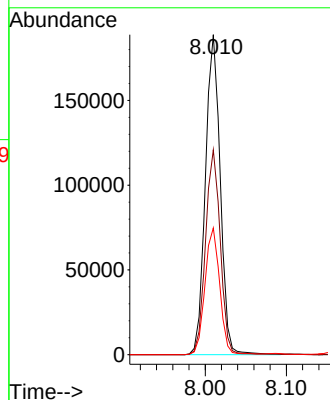
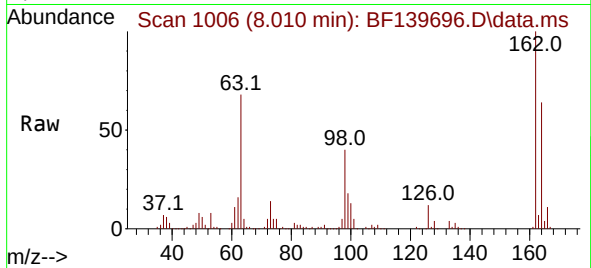
Tgt Ion:162	Resp: 239190
Ion Ratio	Lower Upper
162 100	
164 64.0	43.1 83.1
98 39.6	20.8 60.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.083 ng

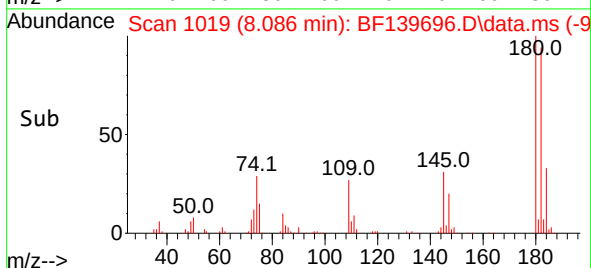
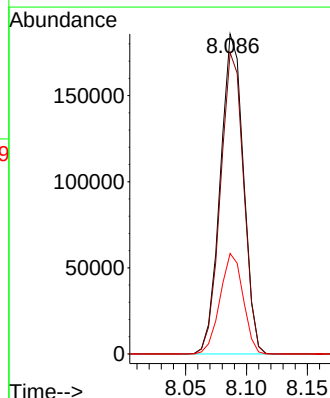
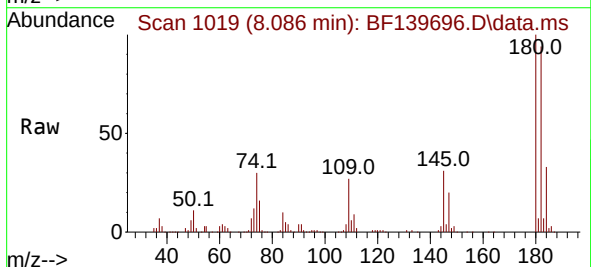
RT: 8.086 min Scan# 1019

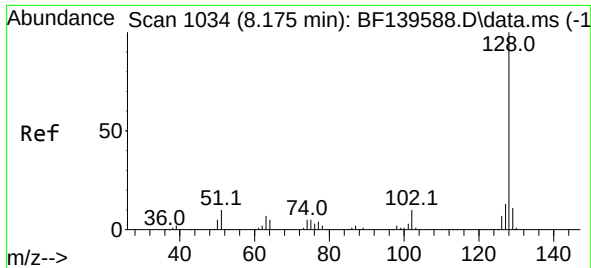
Delta R.T. -0.006 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

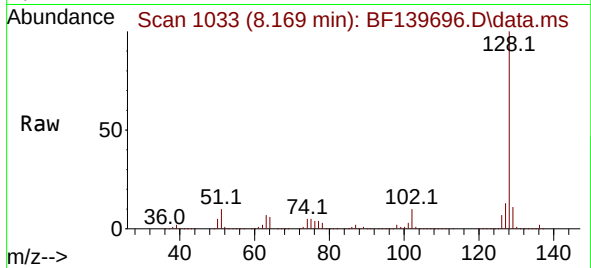
Tgt Ion:180	Resp: 245703
Ion Ratio	Lower Upper
180 100	
182 94.1	76.0 114.0
145 31.4	25.0 37.6





#31
Naphthalene
Concen: 46.542 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

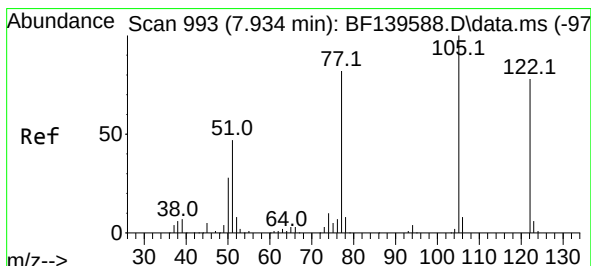
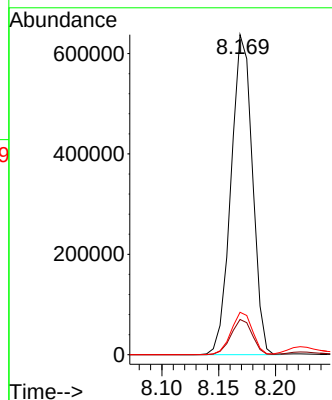
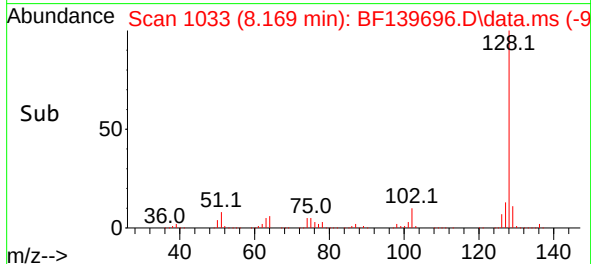
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:128 Resp: 83537
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.5 15.7

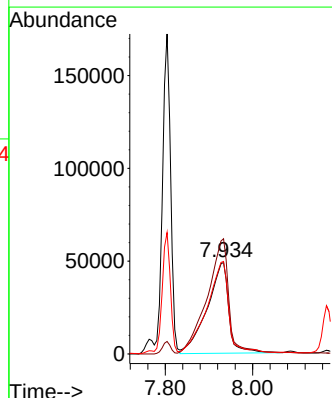
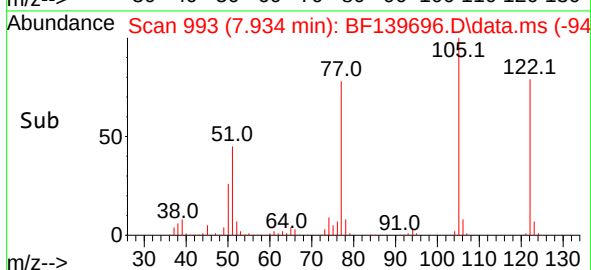
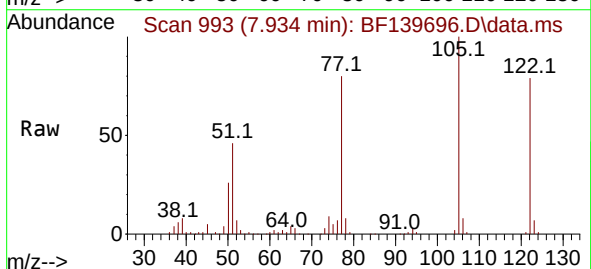
Manual Integrations
APPROVED

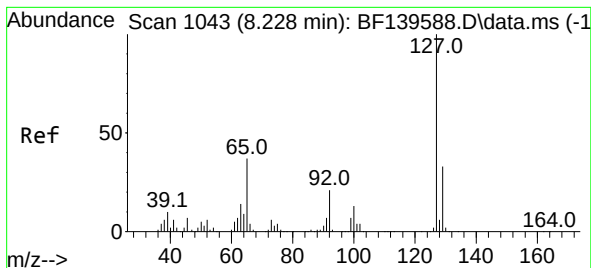
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#32
Benzoic acid
Concen: 44.536 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:122 Resp: 167329
Ion Ratio Lower Upper
122 100
105 125.8 104.9 144.9
77 100.9 82.7 122.7





#33
4-Chloroaniline
Concen: 5.448 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

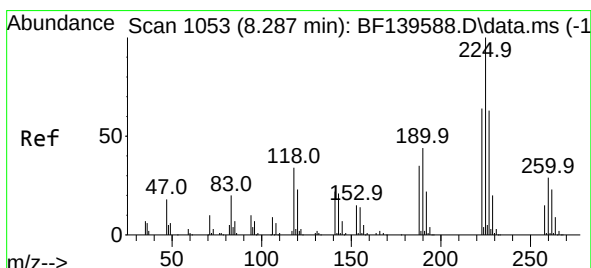
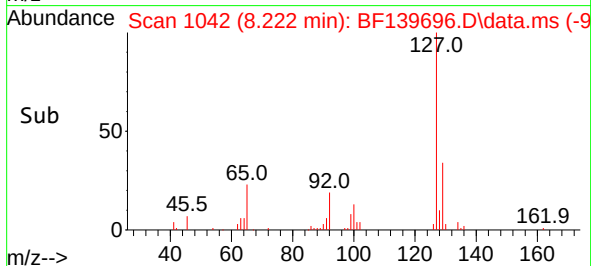
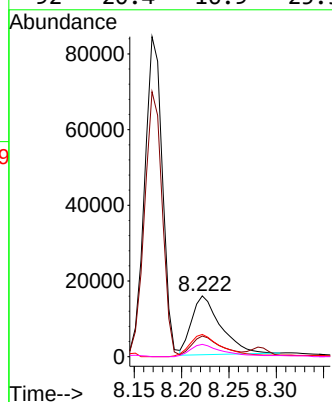
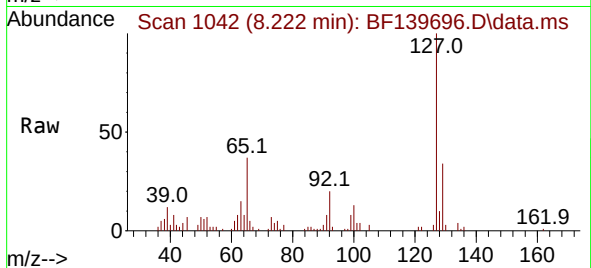
IB-2MS

Tgt Ion:127	Resp:	3309
Ion Ratio	Lower	Upper
127	100	
129	33.9	26.2 39.4
65	36.5	29.3 43.9
92	20.4	16.9 25.3

Manual Integrations

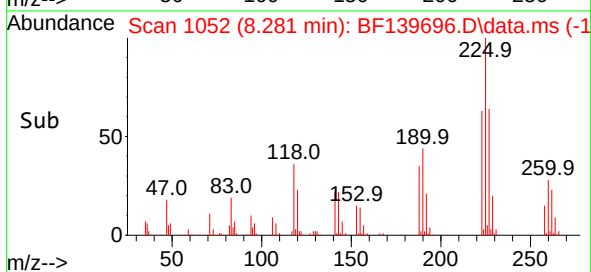
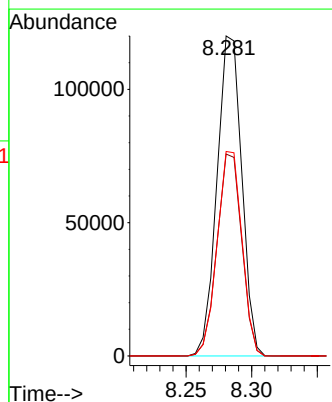
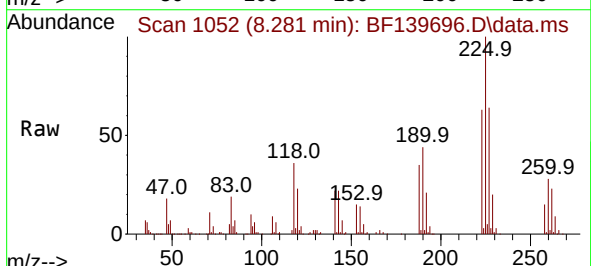
APPROVED

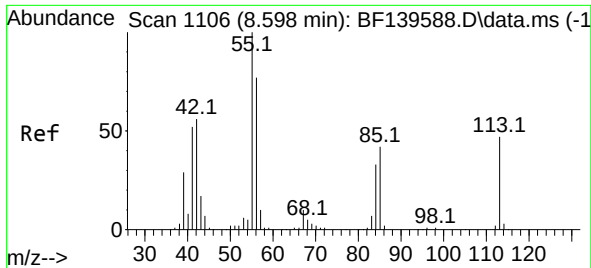
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#34
Hexachlorobutadiene
Concen: 43.711 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

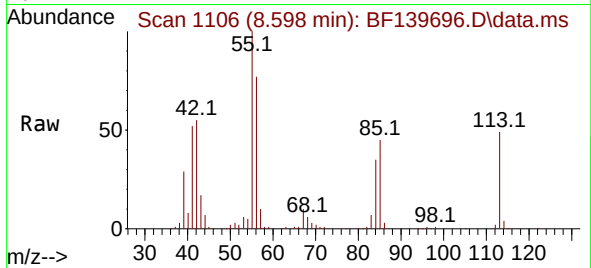
Tgt Ion:225	Resp:	157661
Ion Ratio	Lower	Upper
225	100	
223	63.1	50.9 76.3
227	63.9	50.7 76.1





#35
 Caprolactam
 Concen: 48.825 ng m
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139696.D
 Acq: 07 Oct 2024 19:53

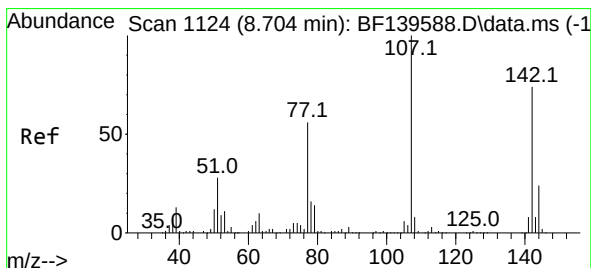
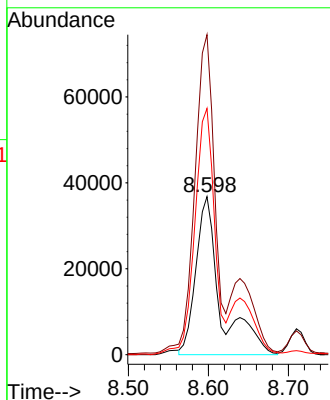
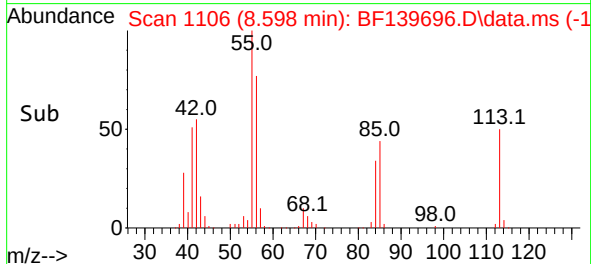
Instrument :
 BNA_F
 ClientSampleId :
 IB-2MS



Tgt Ion:113 Resp: 78925
 Ion Ratio Lower Upper
 113 100
 55 202.4 193.4 233.4
 56 155.7 143.8 183.8

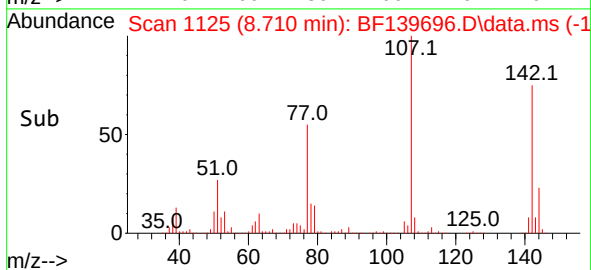
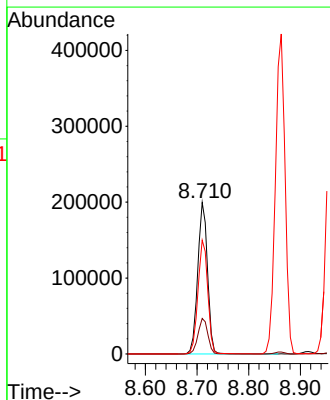
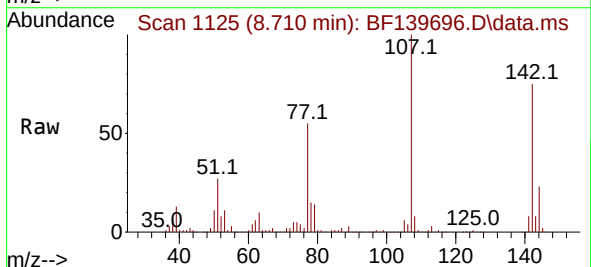
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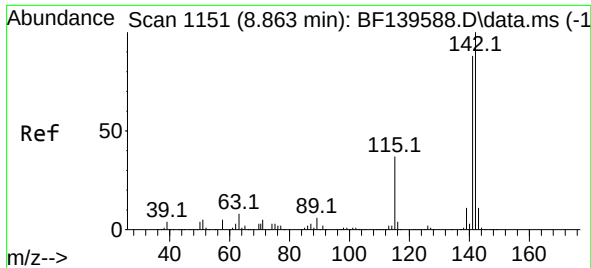
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024



#36
 4-Chloro-3-methylphenol
 Concen: 47.081 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139696.D
 Acq: 07 Oct 2024 19:53

Tgt Ion:107 Resp: 262668
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.0 28.6
 142 75.1 59.2 88.8





#37

2-Methylnaphthalene

Concen: 46.753 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

Tgt Ion:142 Resp: 546520

Ion Ratio Lower Upper

142 100

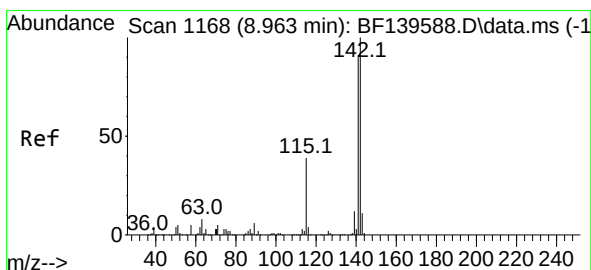
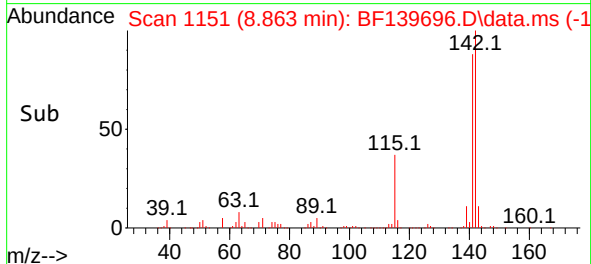
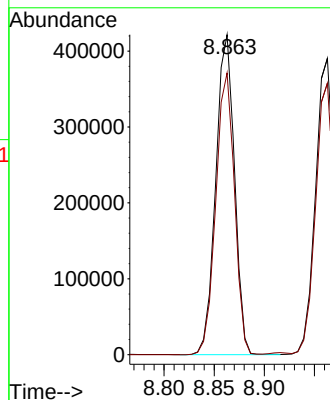
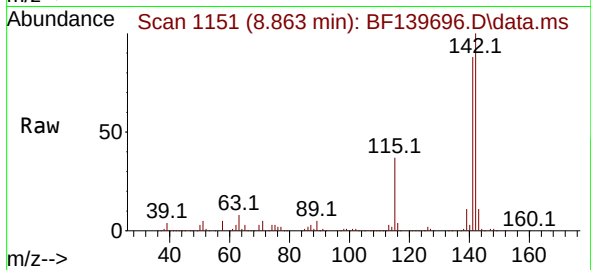
141 88.1 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#38

1-Methylnaphthalene

Concen: 44.528 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139696.D

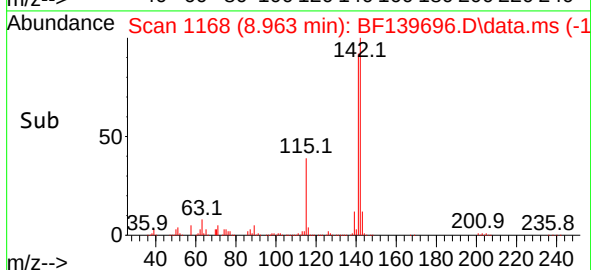
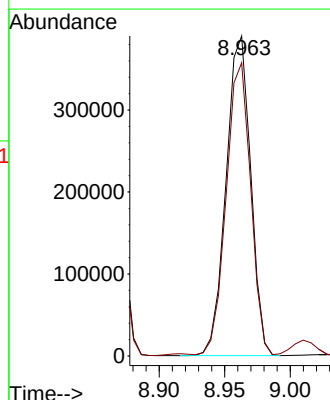
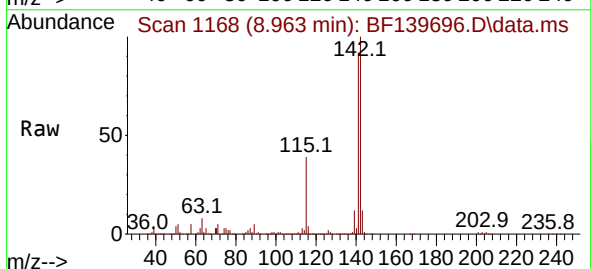
Acq: 07 Oct 2024 19:53

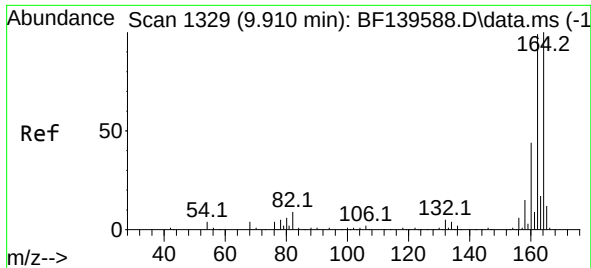
Tgt Ion:142 Resp: 508798

Ion Ratio Lower Upper

142 100

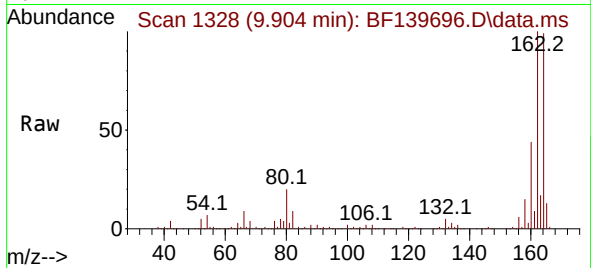
141 91.6 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11328
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

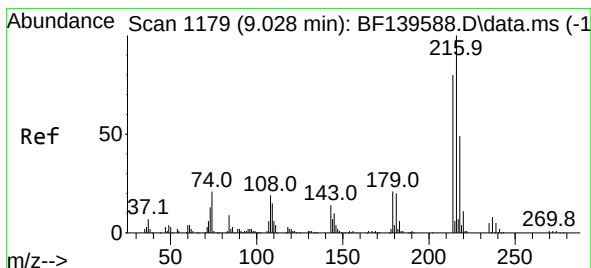
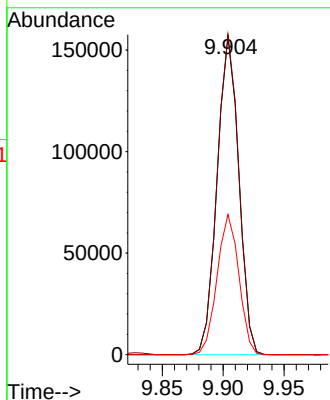
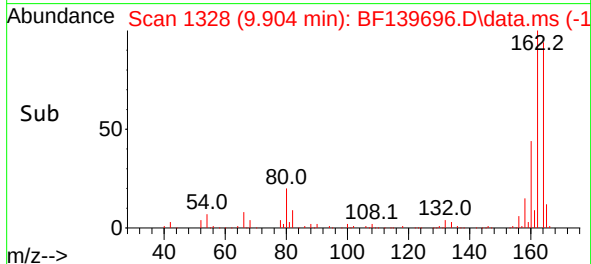
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:164 Resp: 193900
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.0
160 44.1 35.1 52.7

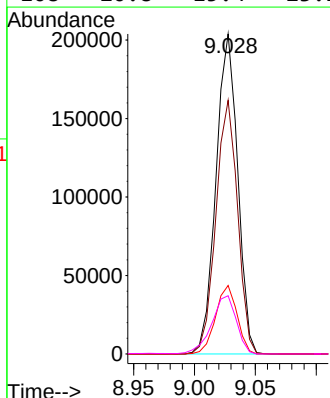
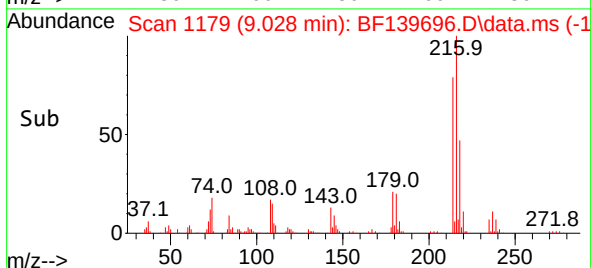
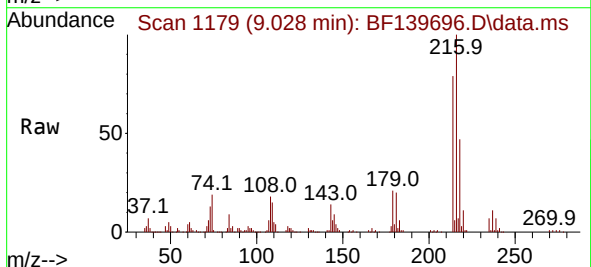
Manual Integrations
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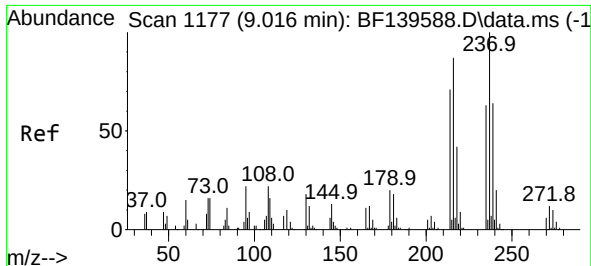
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.972 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

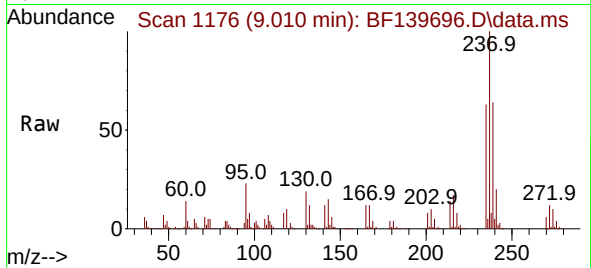
Tgt Ion:216 Resp: 252918
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 21.2 16.9 25.3
108 20.8 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 125.088 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

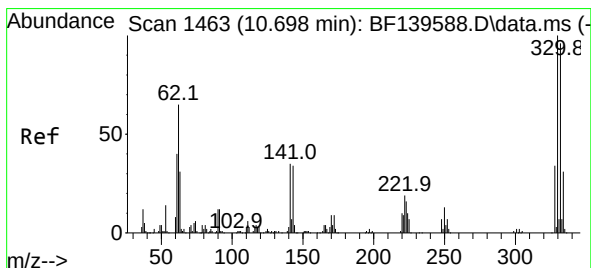
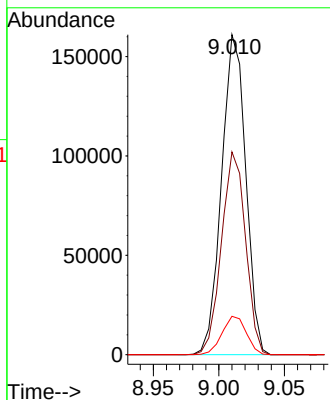
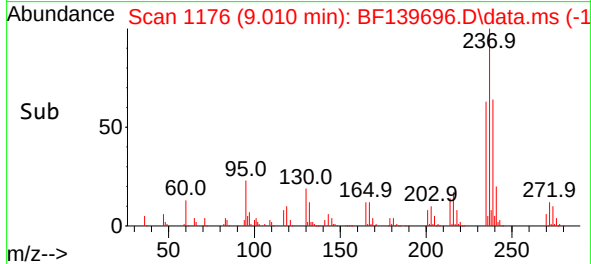
Instrument :
BNA_F
ClientSampleId :
IB-2MS



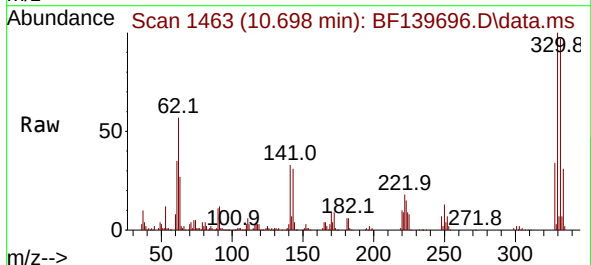
Tgt Ion:237 Resp: 20652
Ion Ratio Lower Upper
237 100
235 63.4 42.5 82.5
272 12.0 0.0 32.1

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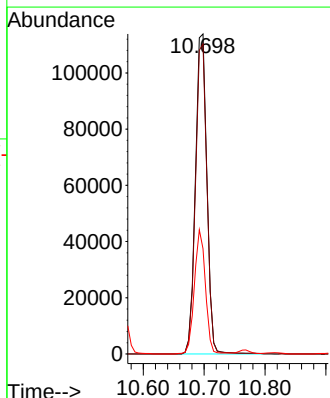
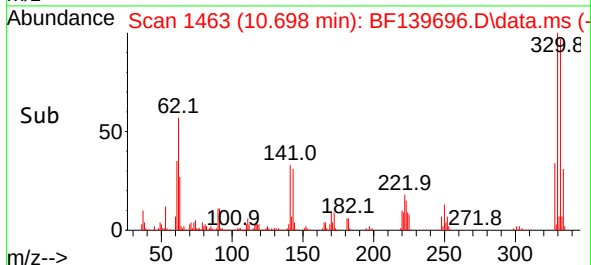
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

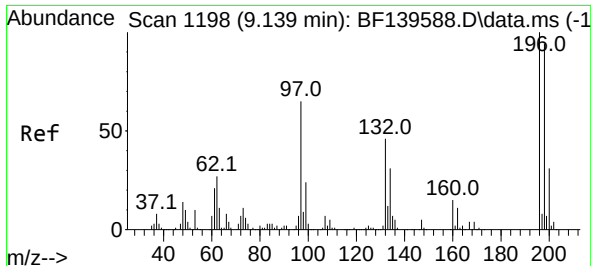


#42
2,4,6-Tribromophenol
Concen: 79.815 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



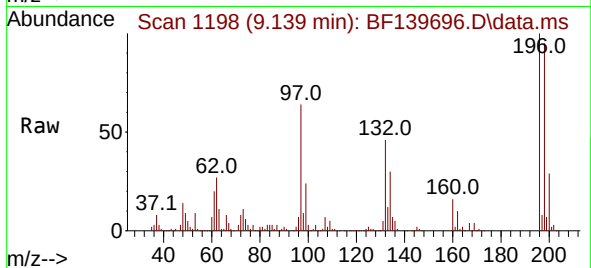
Tgt Ion:330 Resp: 149400
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 37.2 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 48.872 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

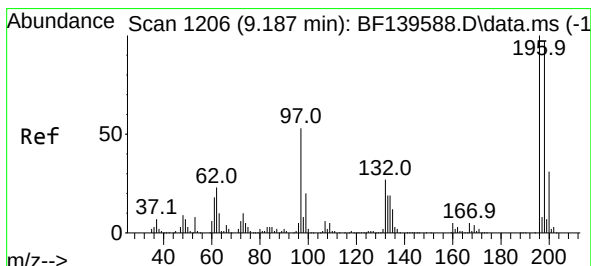
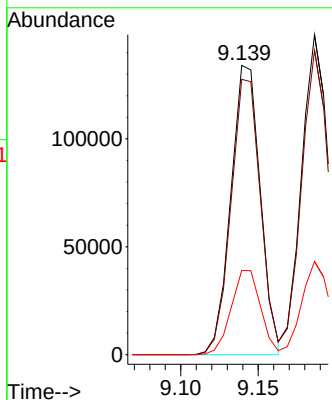
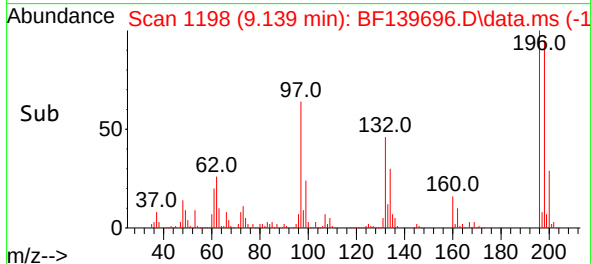
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:196 Resp: 177395
Ion Ratio Lower Upper
196 100
198 95.2 75.2 112.8
200 29.1 24.6 37.0

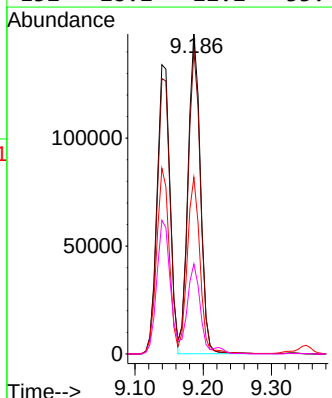
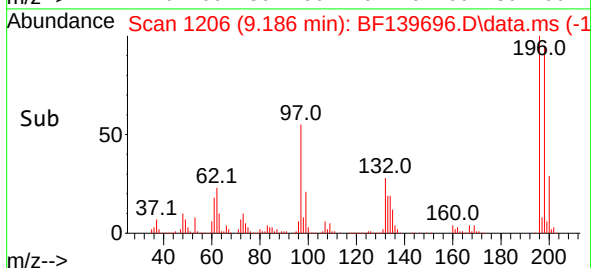
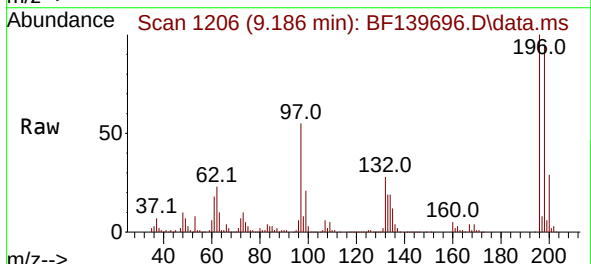
Manual Integrations
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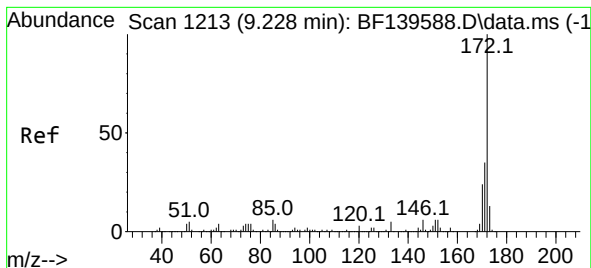
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#44
2,4,5-Trichlorophenol
Concen: 47.410 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:196 Resp: 185583
Ion Ratio Lower Upper
196 100
198 95.1 77.5 116.3
97 55.2 43.1 64.7
132 28.2 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 54.830 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

Tgt Ion:172 Resp: 692540

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

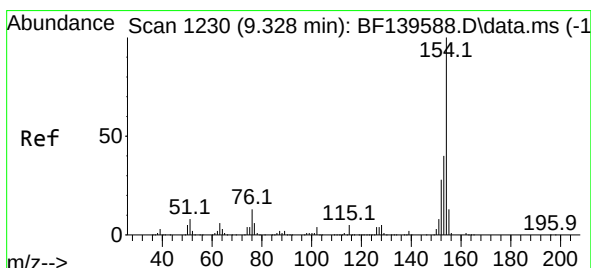
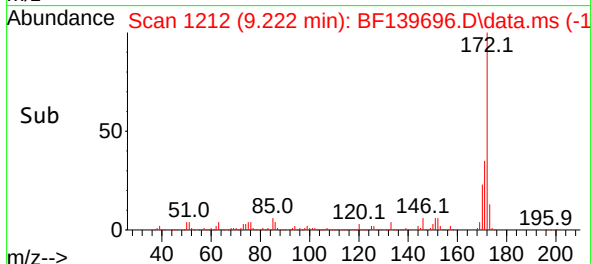
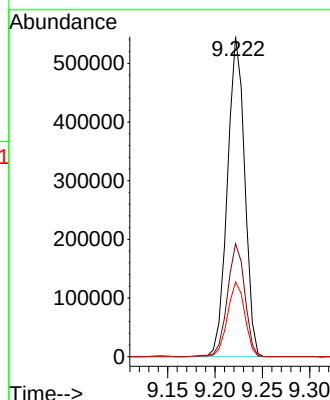
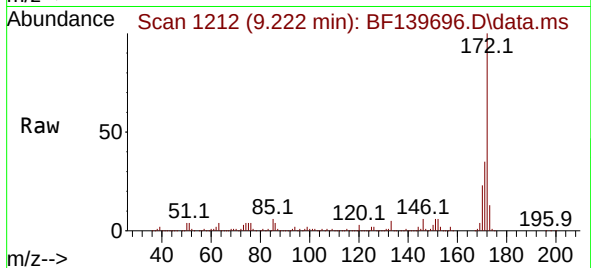
170 23.4 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#46

1,1'-Biphenyl

Concen: 46.811 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

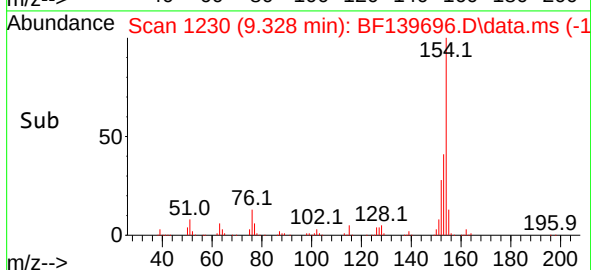
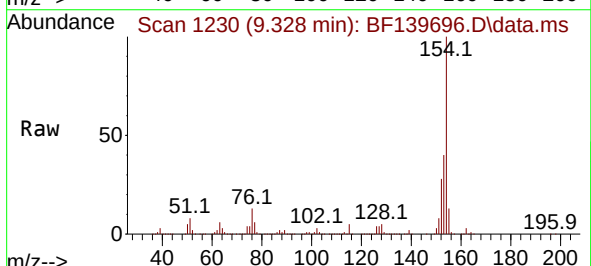
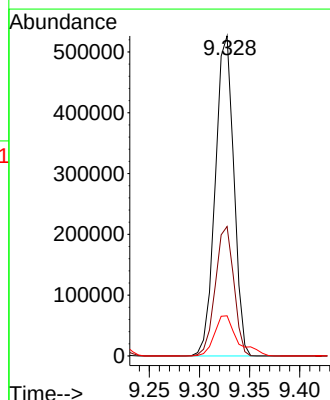
Tgt Ion:154 Resp: 675101

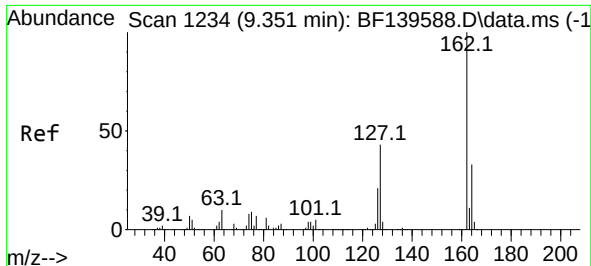
Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 12.5 0.0 32.6





#47

2-Chloronaphthalene

Concen: 46.511 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

Tgt Ion:162 Resp: 50285

Ion Ratio Lower Upper

162 100

127 43.4 35.0 52.4

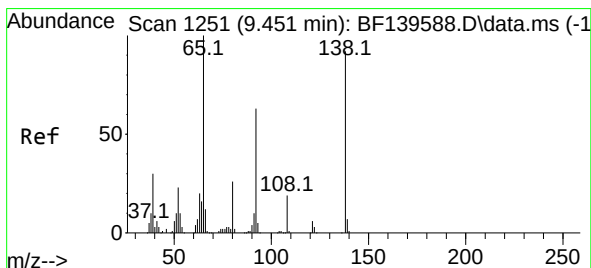
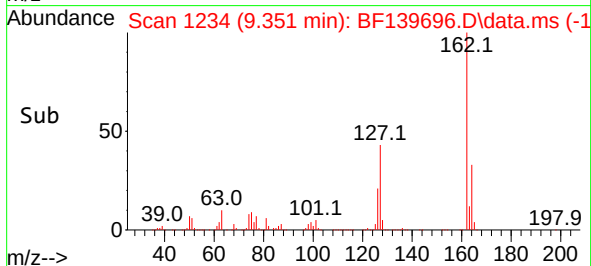
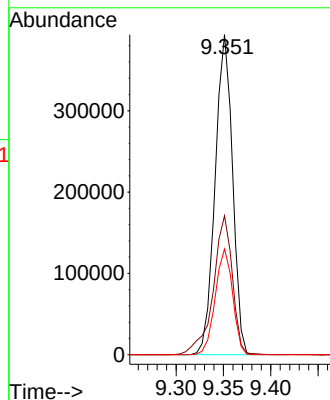
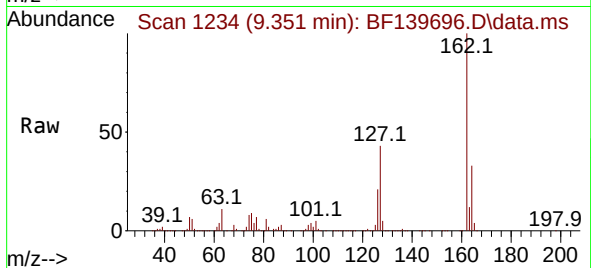
164 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#48

2-Nitroaniline

Concen: 48.764 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

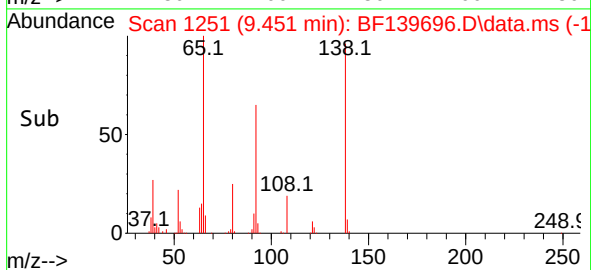
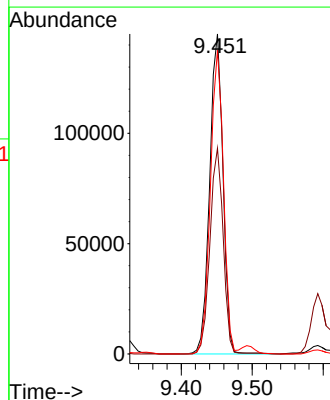
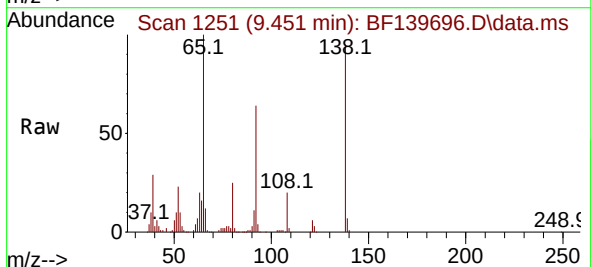
Tgt Ion: 65 Resp: 189259

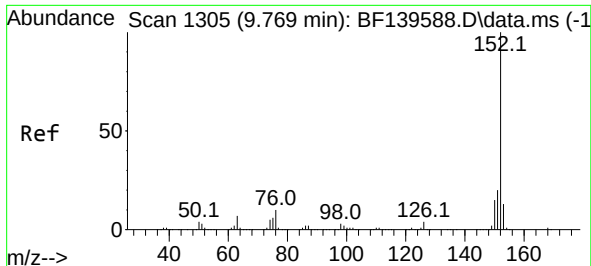
Ion Ratio Lower Upper

65 100

92 64.3 50.0 75.0

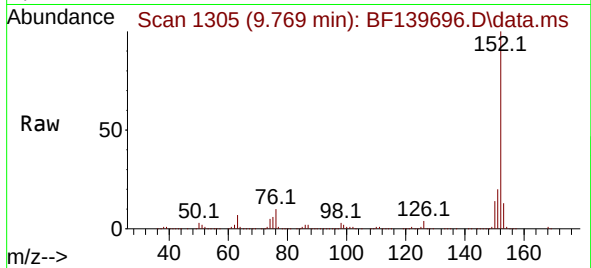
138 95.0 73.8 110.8





#49
Acenaphthylene
Concen: 50.553 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

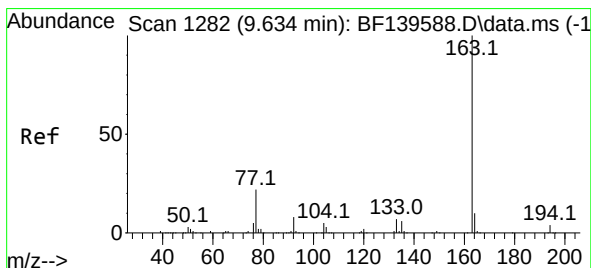
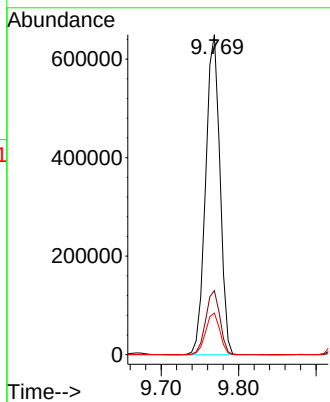
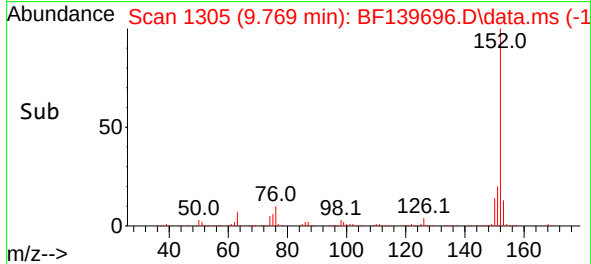
Instrument :
BNA_F
ClientSampleId :
IB-2MS



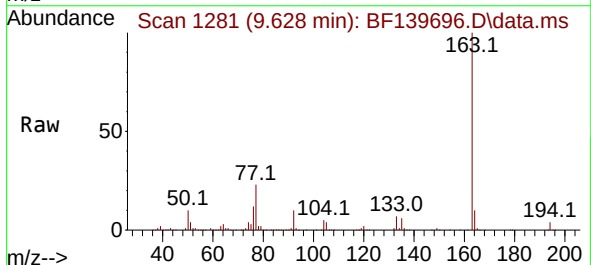
Tgt Ion:152 Resp: 831200
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.0 10.5 15.7

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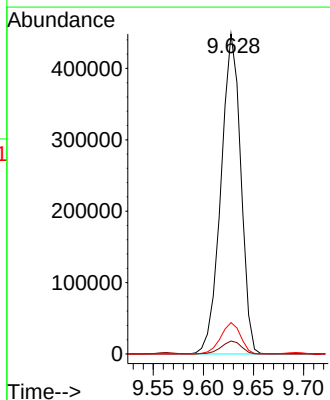
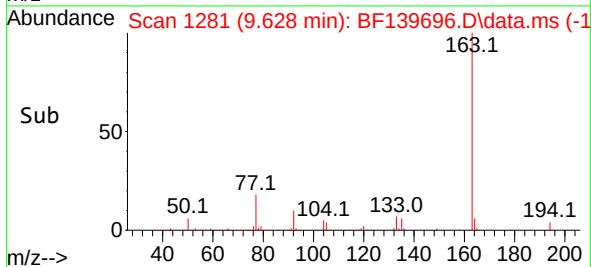
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

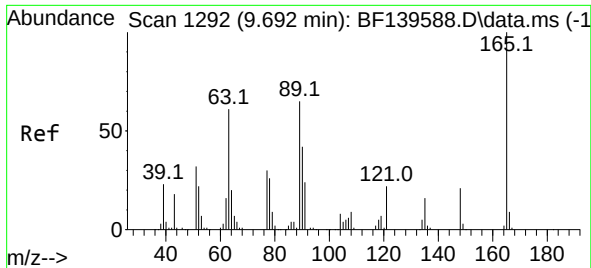


#50
Dimethylphthalate
Concen: 48.611 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



Tgt Ion:163 Resp: 617018
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.8 8.1 12.1





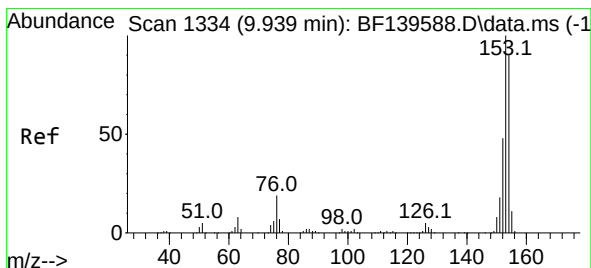
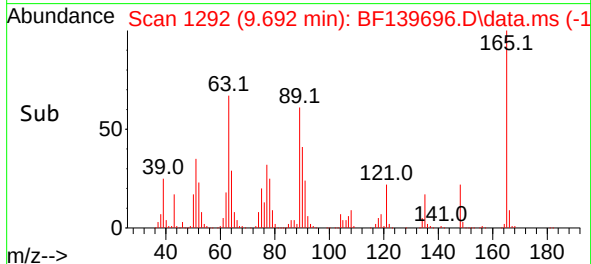
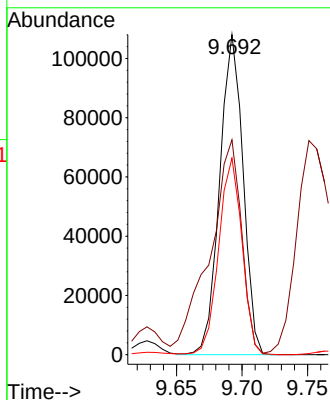
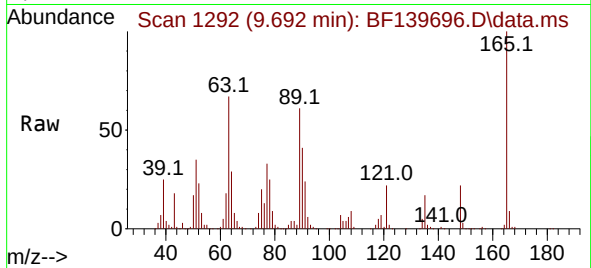
#51
2,6-Dinitrotoluene
Concen: 46.585 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :
BNA_F
ClientSampleId :
IB-2MS

Tgt Ion:165 Resp: 133578
Ion Ratio Lower Upper
165 100
63 67.2 56.7 85.1
89 61.4 51.6 77.4

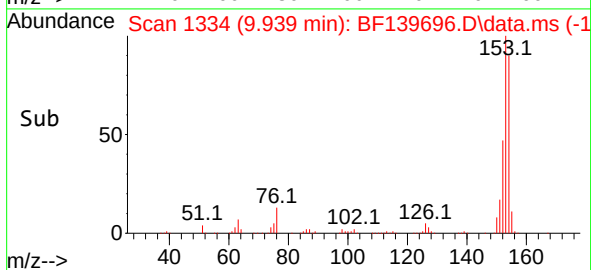
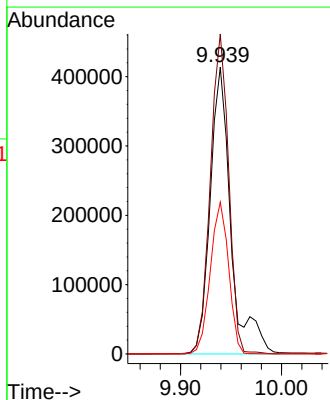
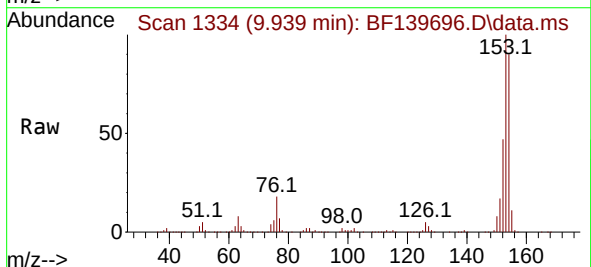
Manual Integrations
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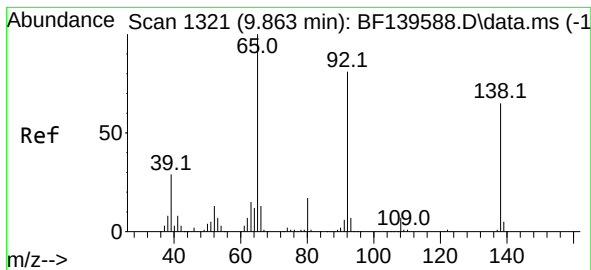
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#52
Acenaphthene
Concen: 52.080 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:154 Resp: 587852
Ion Ratio Lower Upper
154 100
153 111.6 88.8 133.2
152 52.9 42.5 63.7





#53

3-Nitroaniline

Concen: 26.109 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

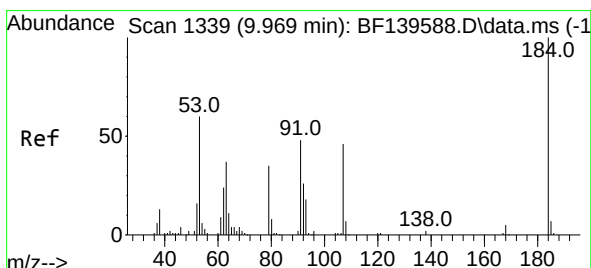
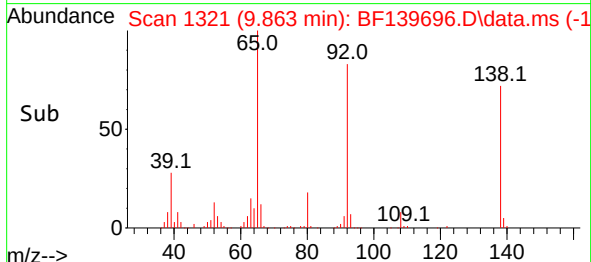
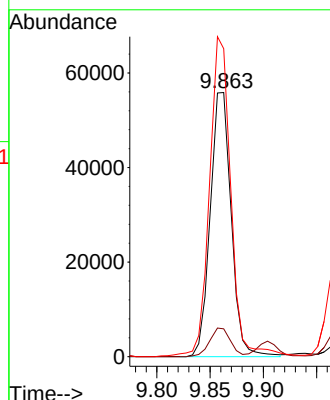
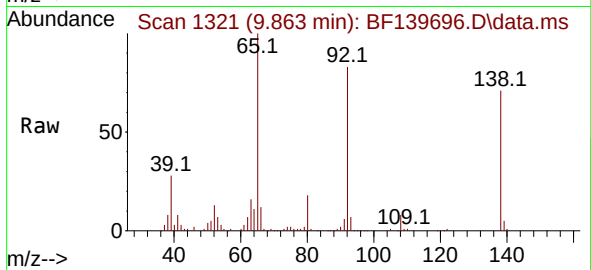
Tgt Ion:138 Resp: 76502
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.8 13.2
 92 116.6 100.0 150.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#54

2,4-Dinitrophenol

Concen: 74.661 ng

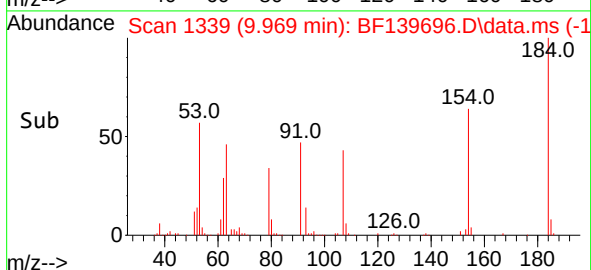
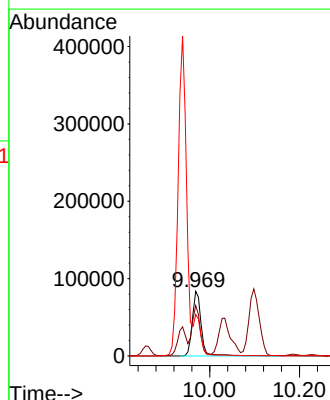
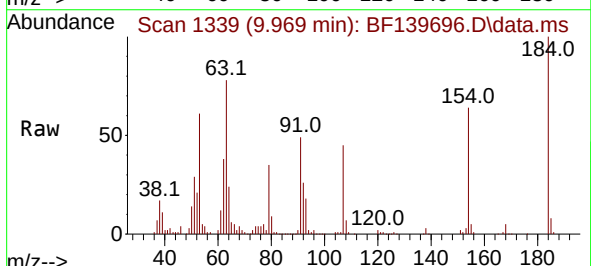
RT: 9.969 min Scan# 1339

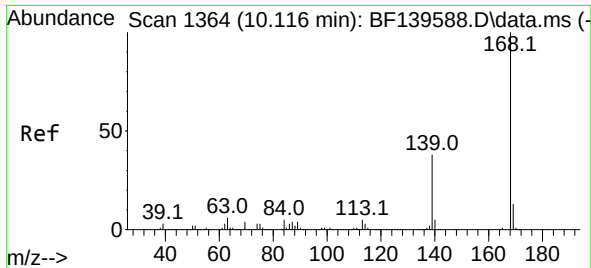
Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

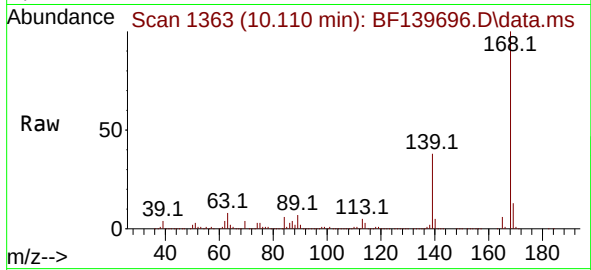
Tgt Ion:184 Resp: 115144
 Ion Ratio Lower Upper
 184 100
 63 78.1 61.7 92.5
 154 64.2 53.0 79.4





#55
Dibenzenofuran
Concen: 48.715 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

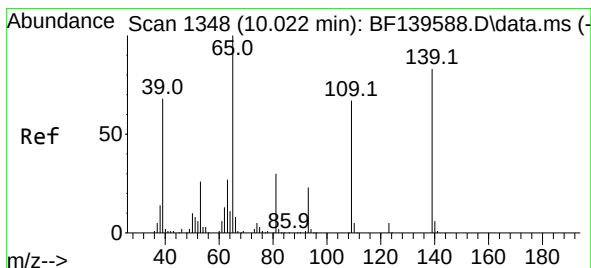
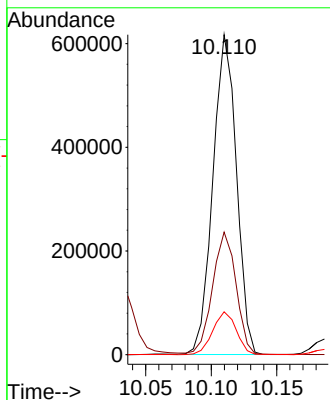
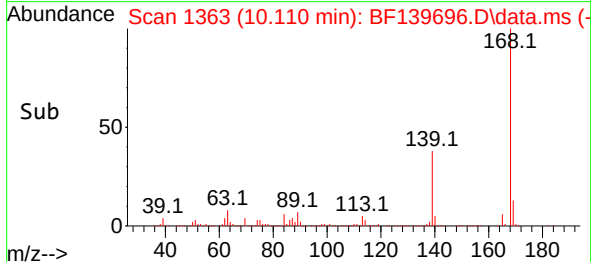
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:168 Resp: 769898
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.4 10.7 16.1

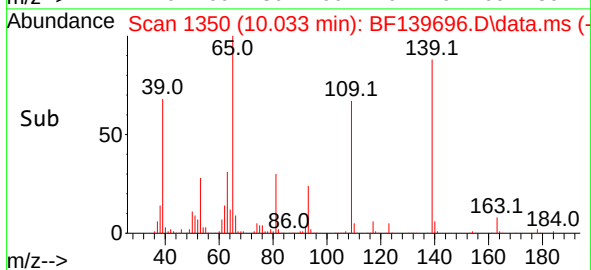
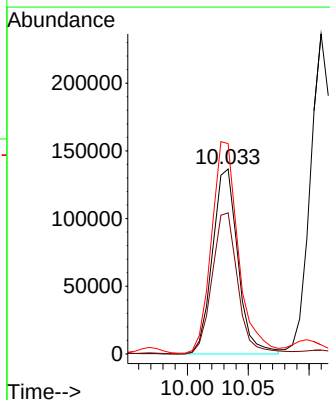
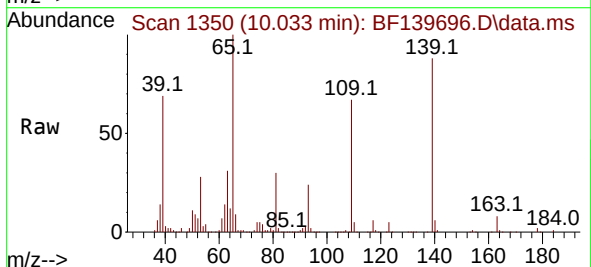
Manual Integrations
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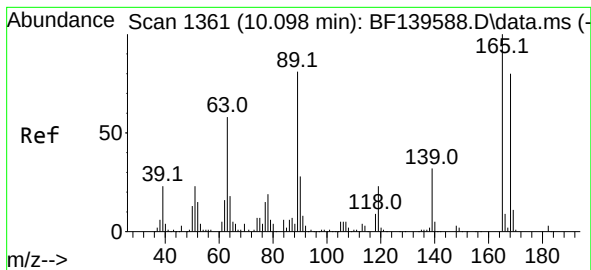
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#56
4-Nitrophenol
Concen: 88.790 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:139 Resp: 198400
Ion Ratio Lower Upper
139 100
109 76.3 60.3 100.3
65 113.7 100.8 140.8





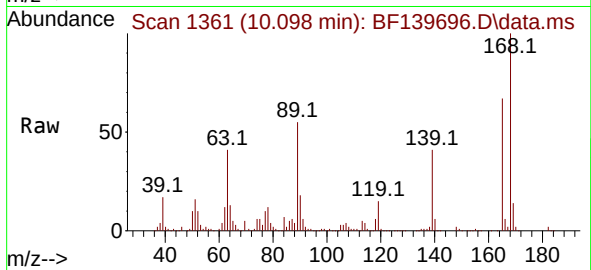
#57
2,4-Dinitrotoluene
Concen: 48.199 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS



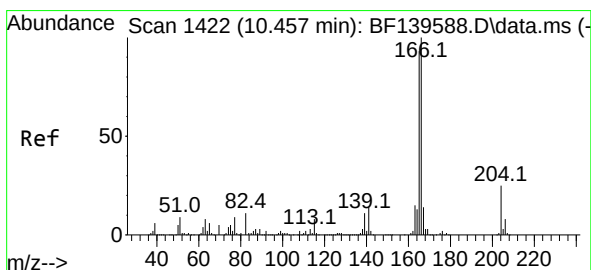
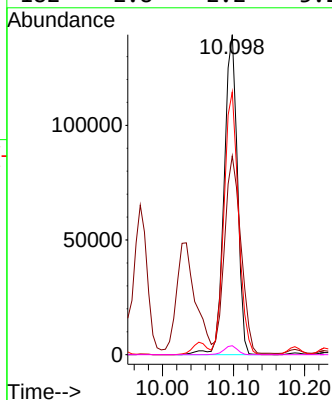
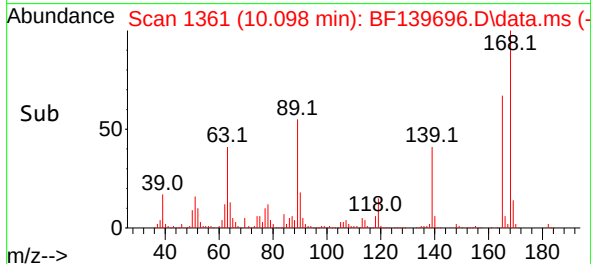
Tgt Ion:165 Resp: 18064
Ion Ratio Lower Upper
165 100
63 62.1 46.9 70.3
89 82.1 64.4 96.6
182 2.8 2.2 3.2

Manual Integrations

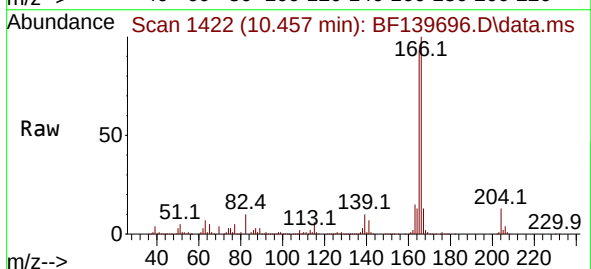
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

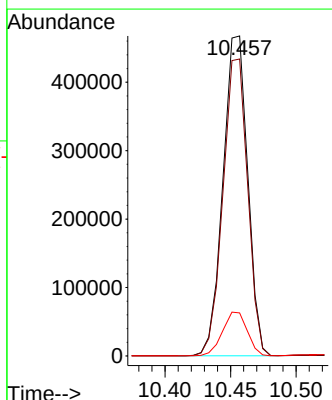
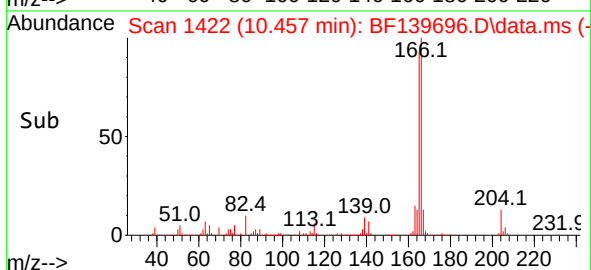
Supervised By :mohammad ahmed 10/09/2024

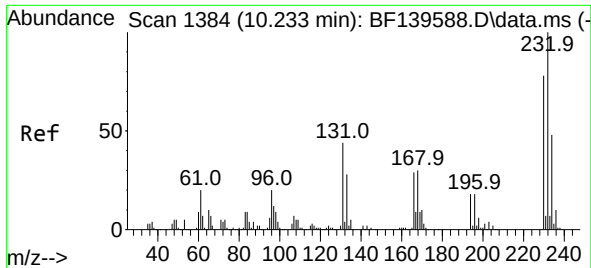


#58
Fluorene
Concen: 48.726 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



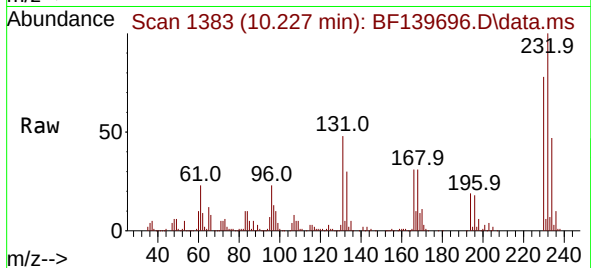
Tgt Ion:166 Resp: 613344
Ion Ratio Lower Upper
166 100
165 92.8 74.4 111.6
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.270 ng
RT: 10.227 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

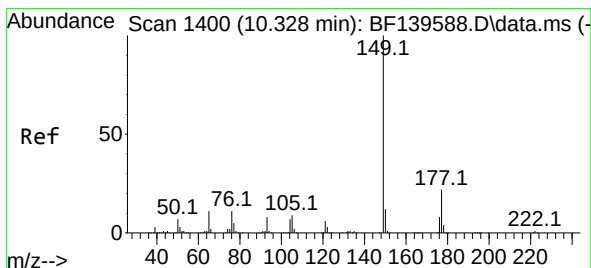
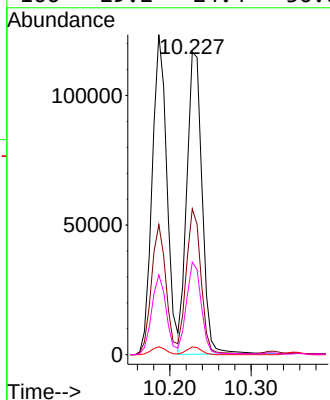
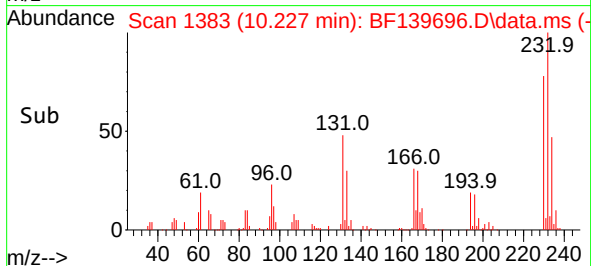
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:232 Resp: 152610
Ion Ratio Lower Upper
232 100
131 45.6 37.8 56.6
130 2.5 1.9 2.9
166 29.2 24.4 36.6

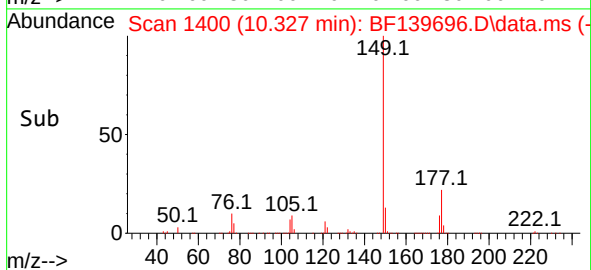
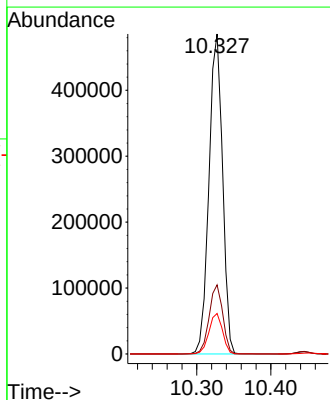
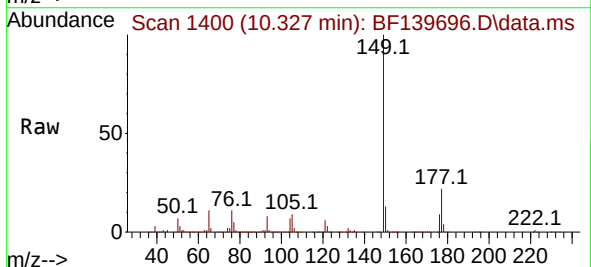
Manual Integrations
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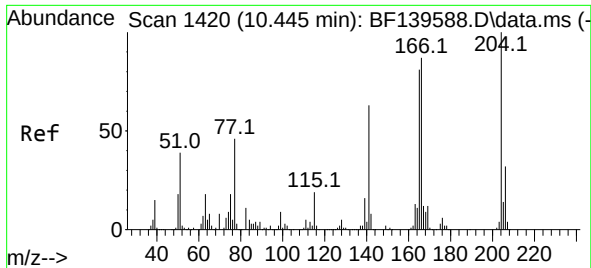
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#60
Diethylphthalate
Concen: 47.055 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

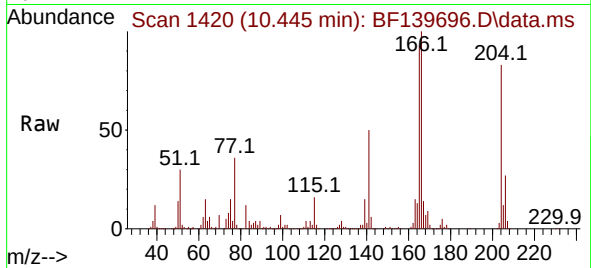
Tgt Ion:149 Resp: 616916
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.296 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

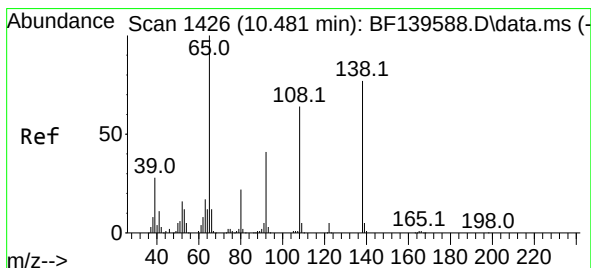
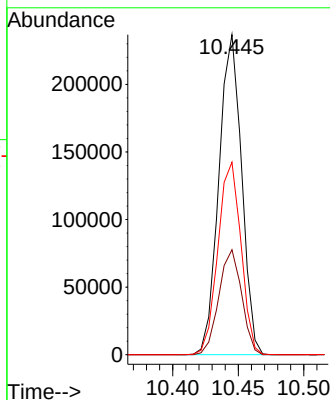
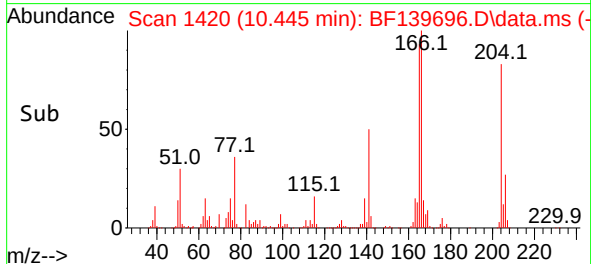
Instrument :
BNA_F
ClientSampleId :
IB-2MS



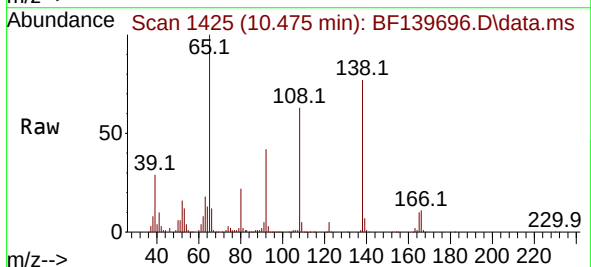
Tgt Ion:204 Resp: 28525
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 60.2 50.5 75.7

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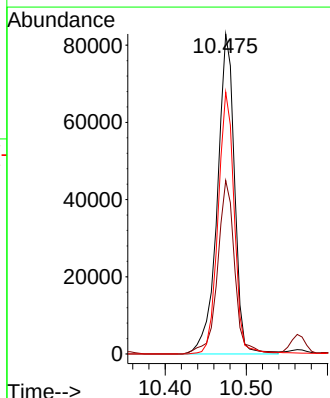
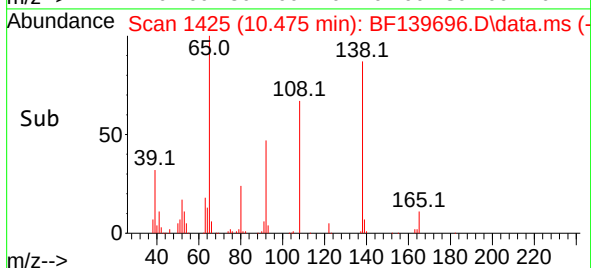
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

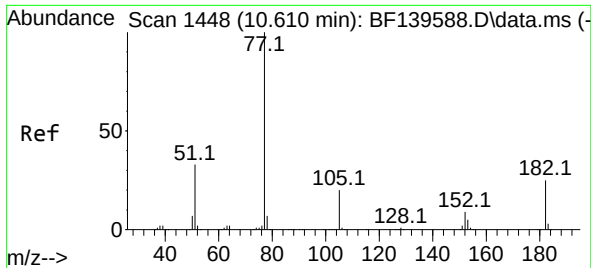


#62
4-Nitroaniline
Concen: 40.826 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



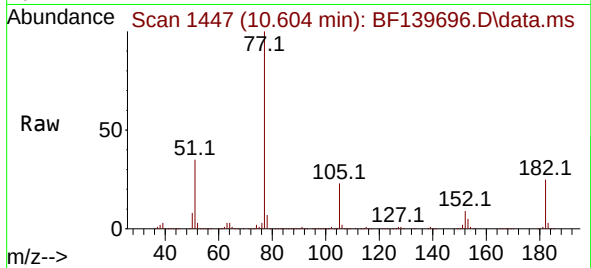
Tgt Ion:138 Resp: 122362
Ion Ratio Lower Upper
138 100
92 54.2 33.3 73.3
108 81.8 62.1 102.1





#63
Azobenzene
Concen: 52.410 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

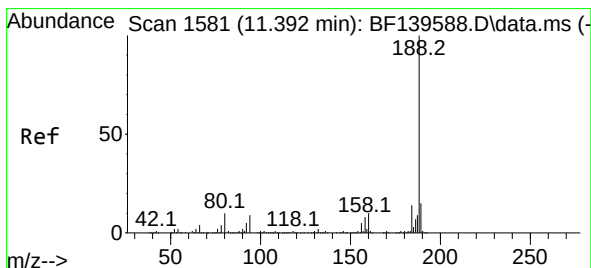
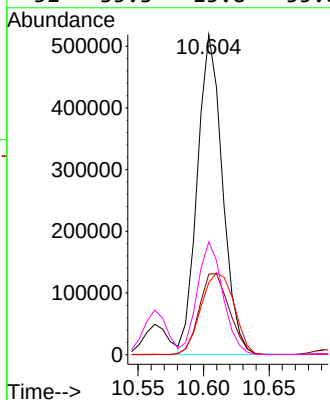
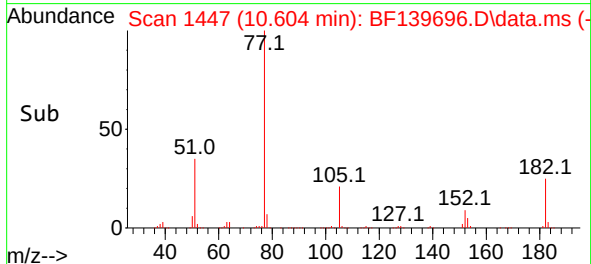
Instrument :
BNA_F
Client SampleId :
IB-2MS



Tgt Ion: 77 Resp: 691010
Ion Ratio Lower Upper
77 100
182 25.2 4.2 44.2
105 22.5 0.0 39.6
51 35.3 15.8 55.8

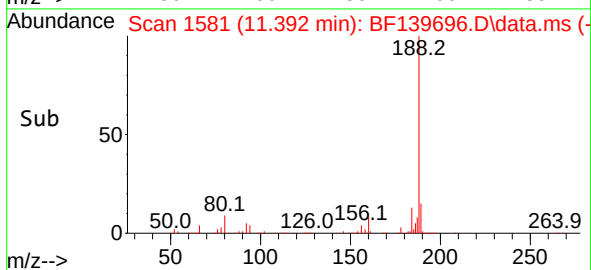
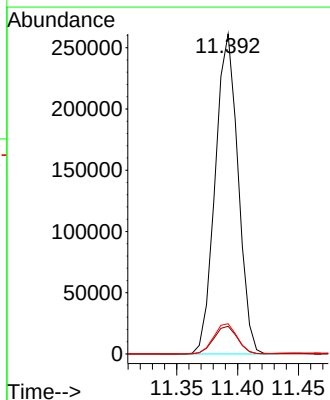
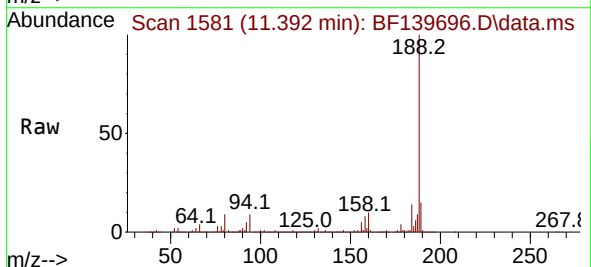
Manual Integrations
APPROVED

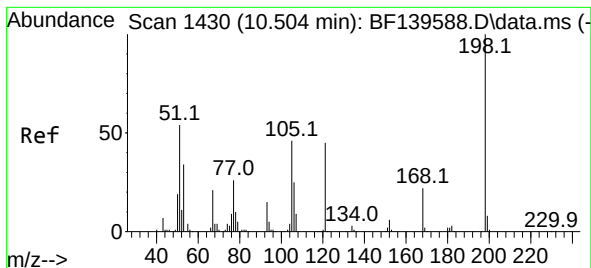
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:188 Resp: 341611
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.5 8.2 12.2





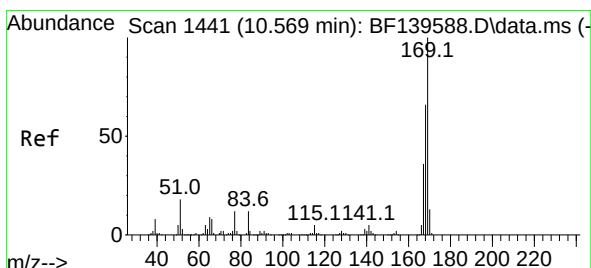
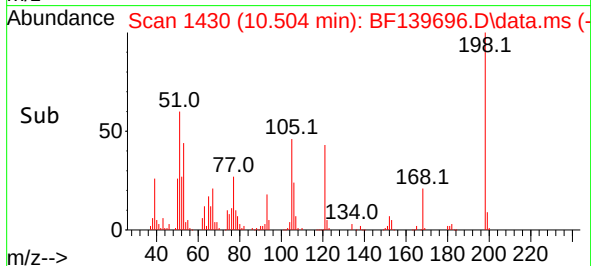
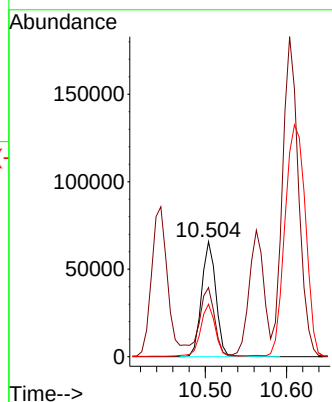
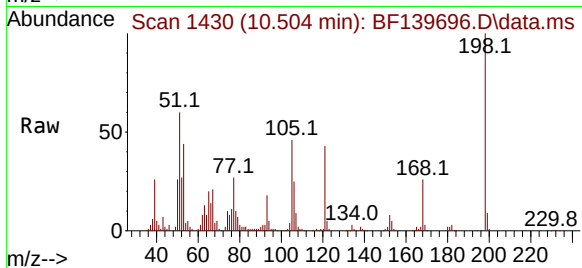
#65
4,6-Dinitro-2-methylphenol
Concen: 41.851 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :
BNA_F
ClientSampleId :
IB-2MS

Tgt Ion:198 Resp: 80745
Ion Ratio Lower Upper
198 100
51 60.2 43.0 83.0
105 45.6 26.6 66.6

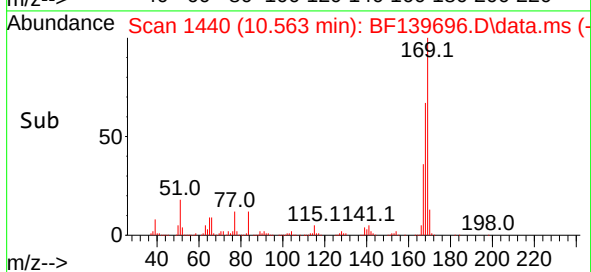
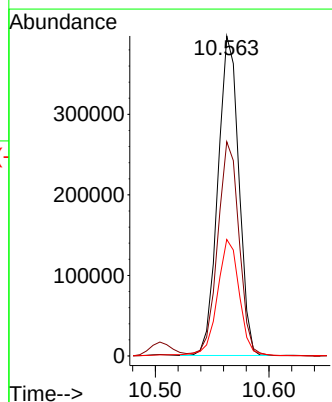
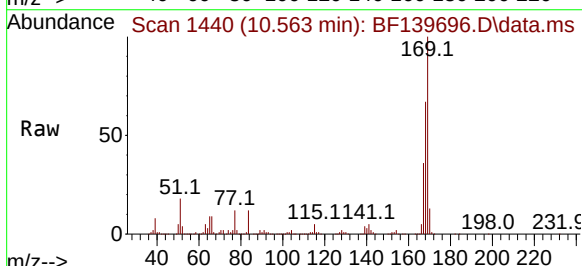
Manual Integrations
APPROVED

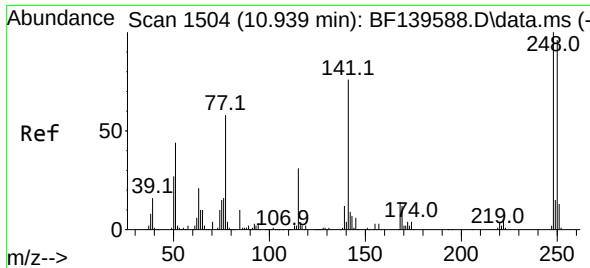
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#66
n-Nitrosodiphenylamine
Concen: 50.365 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

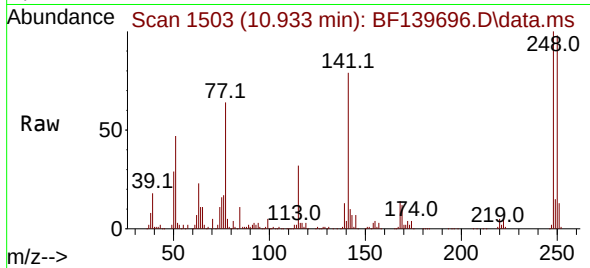
Tgt Ion:169 Resp: 507151
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 47.590 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

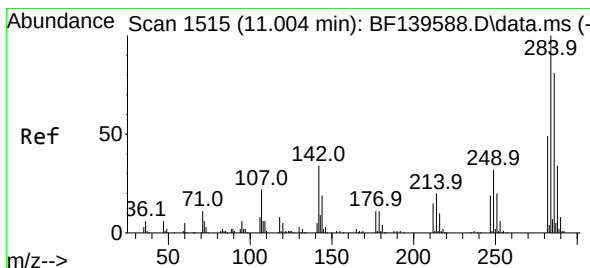
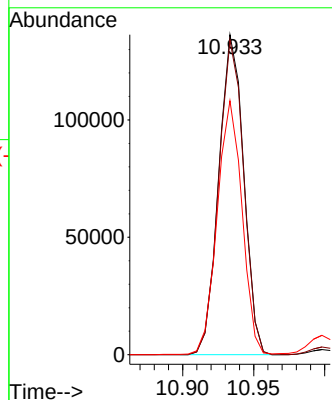
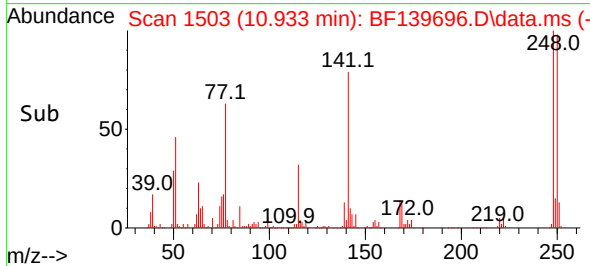
Instrument :
BNA_F
ClientSampleId :
IB-2MS



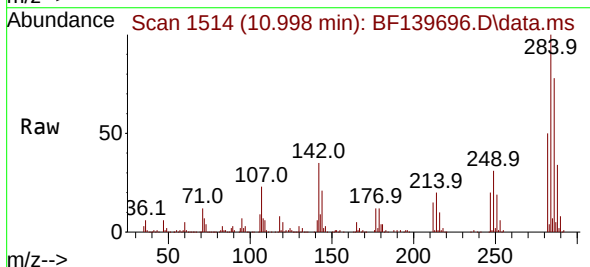
Tgt Ion:248 Resp: 16668
Ion Ratio Lower Upper
248 100
250 98.3 77.1 115.7
141 79.3 60.4 90.6

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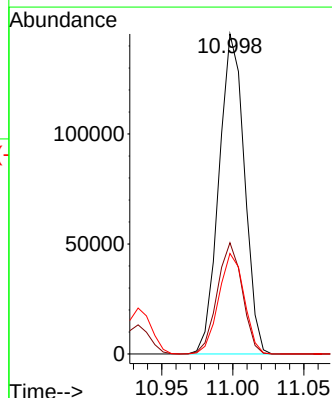
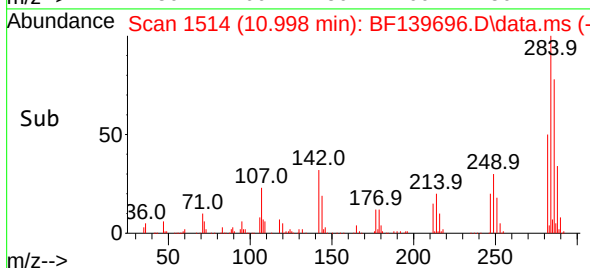
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

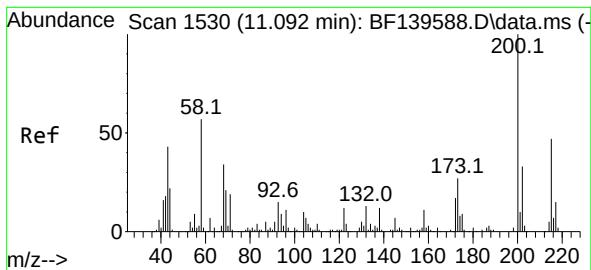


#68
Hexachlorobenzene
Concen: 46.645 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



Tgt Ion:284 Resp: 181290
Ion Ratio Lower Upper
284 100
142 34.8 26.9 40.3
249 31.4 25.4 38.0





#69

Atrazine

Concen: 59.318 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

Tgt Ion:200 Resp: 16025

Ion Ratio Lower Upper

200 100

173 27.4 6.7 46.7

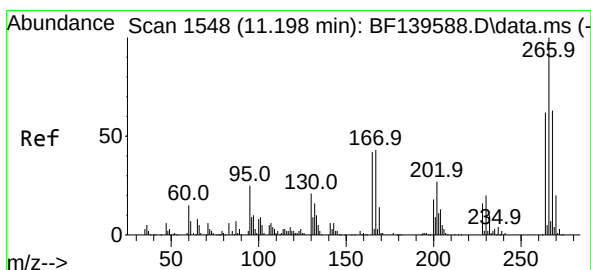
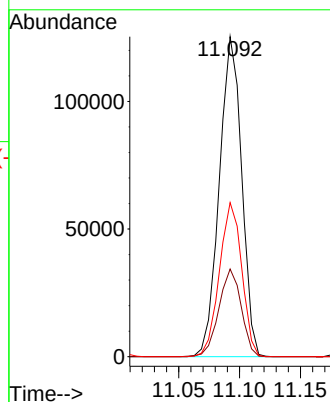
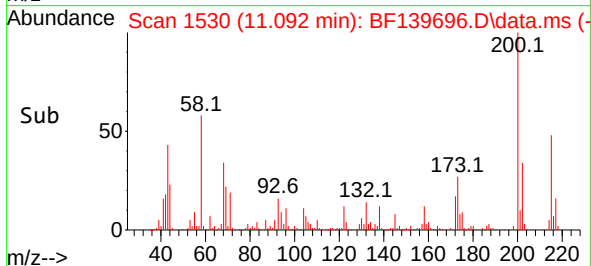
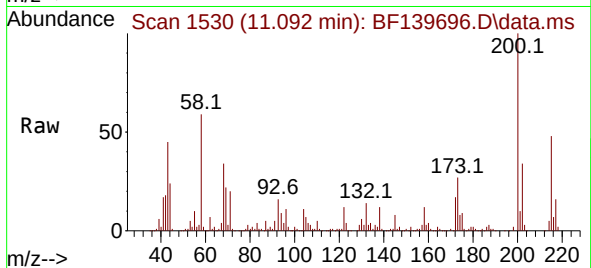
215 48.2 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#70

Pentachlorophenol

Concen: 84.424 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

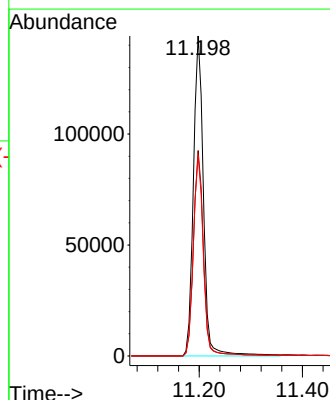
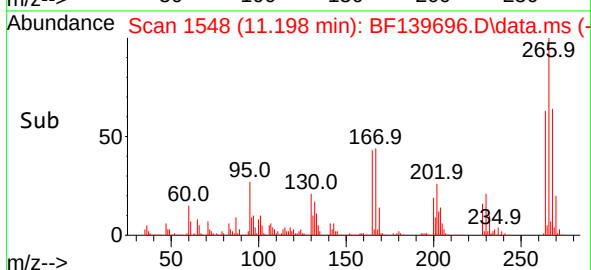
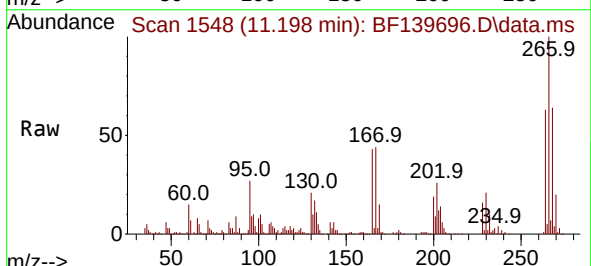
Tgt Ion:266 Resp: 195380

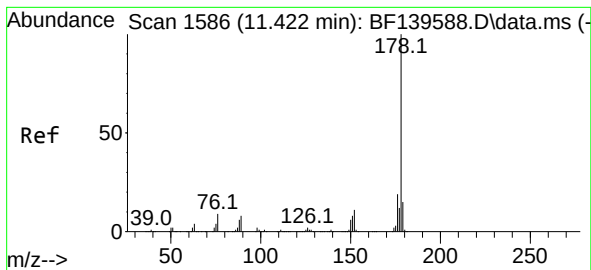
Ion Ratio Lower Upper

266 100

268 64.2 50.0 75.0

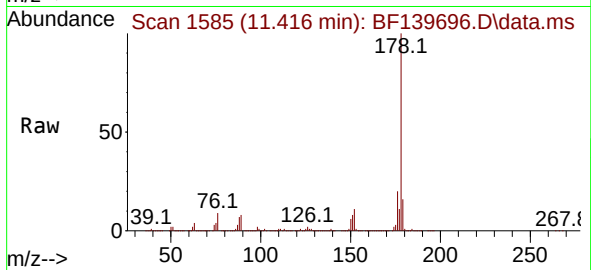
264 62.7 49.3 73.9





#71
Phenanthrene
Concen: 67.248 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

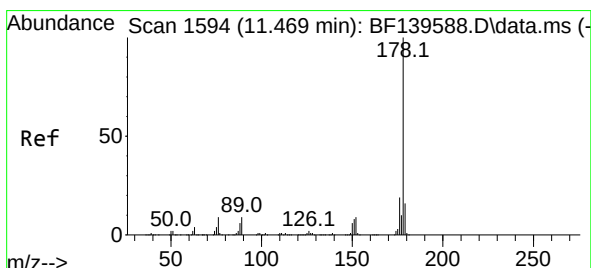
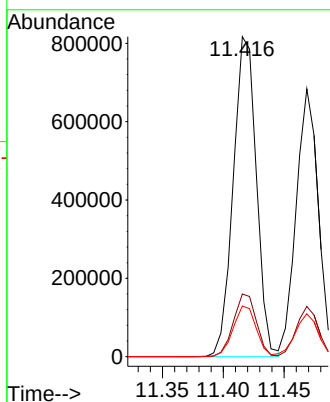
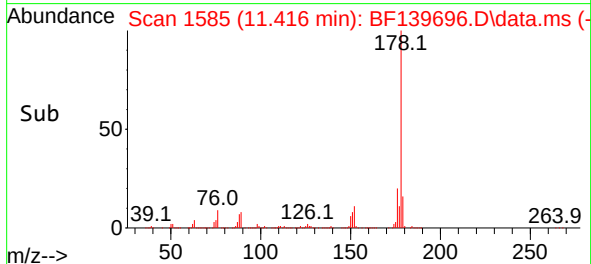
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:178 Resp: 1083178
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.9 12.3 18.5

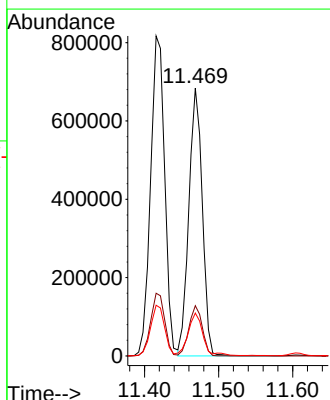
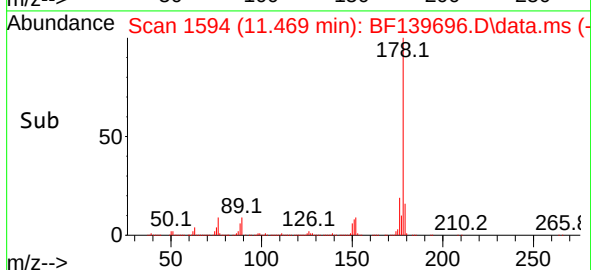
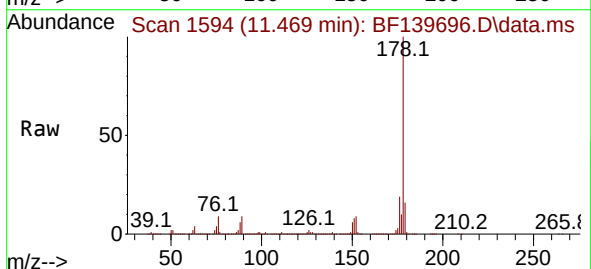
Manual Integrations
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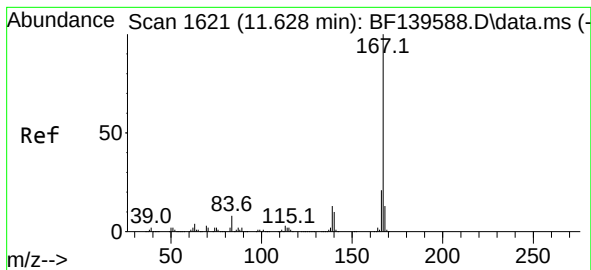
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#72
Anthracene
Concen: 54.051 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

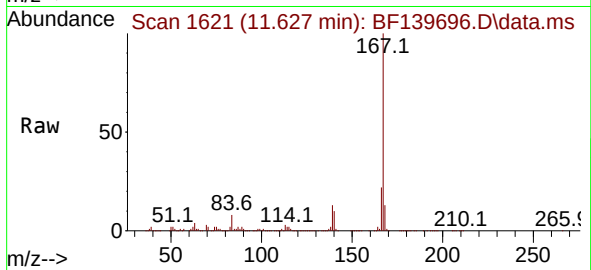
Tgt Ion:178 Resp: 861292
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 46.931 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139696.D
 Acq: 07 Oct 2024 19:53

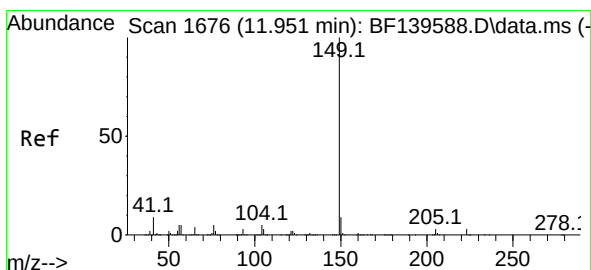
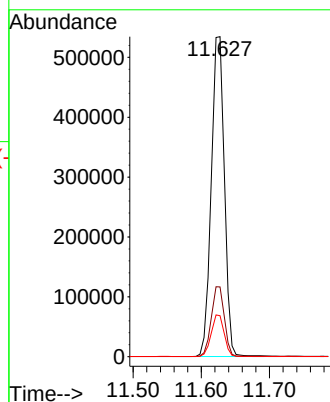
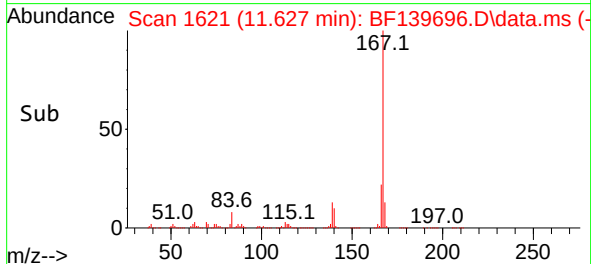
Instrument :
 BNA_F
 ClientSampleId :
 IB-2MS



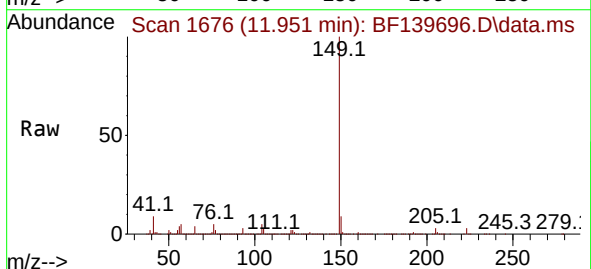
Tgt Ion:167 Resp: 71826
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.8 10.3 15.5

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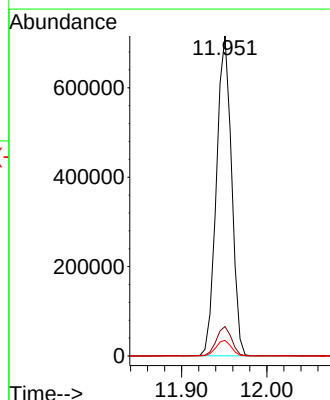
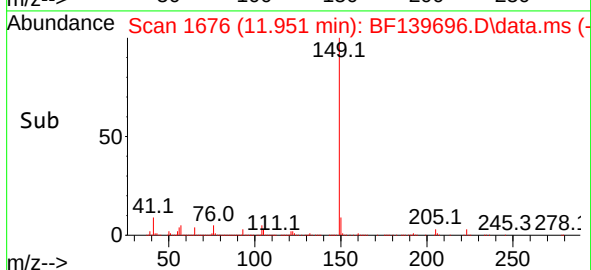
Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

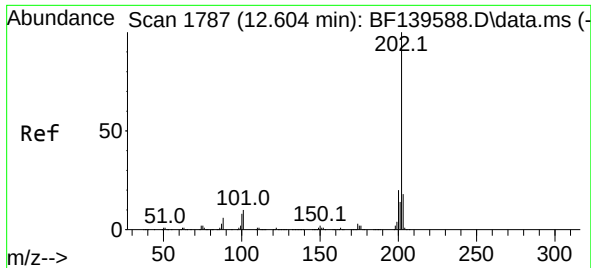


#74
 Di-n-butylphthalate
 Concen: 47.348 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139696.D
 Acq: 07 Oct 2024 19:53



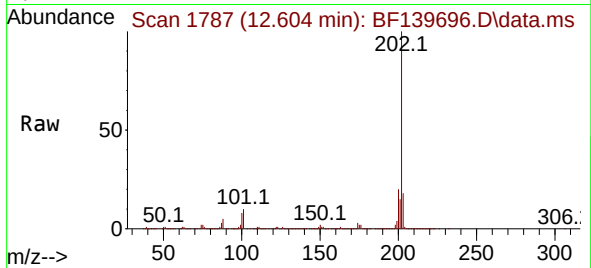
Tgt Ion:149 Resp: 881186
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 59.314 ng
RT: 12.604 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

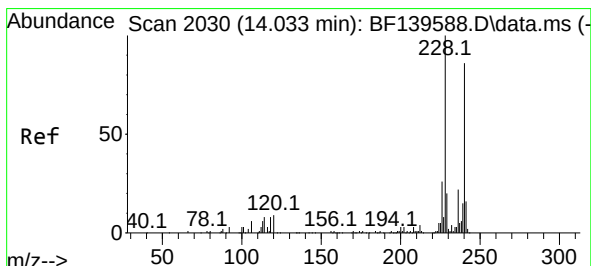
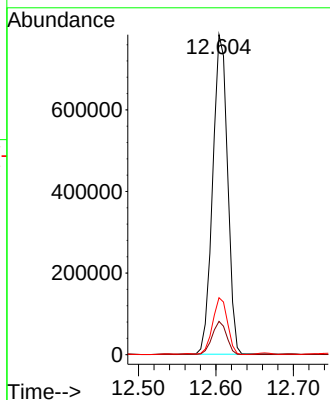
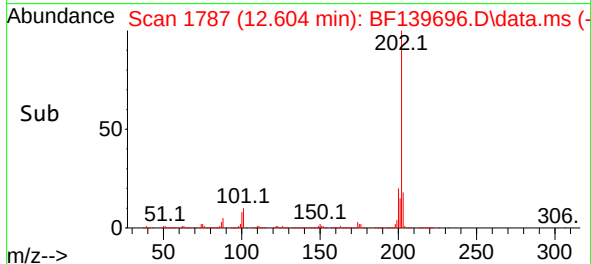
Instrument :
BNA_F
ClientSampleId :
IB-2MS



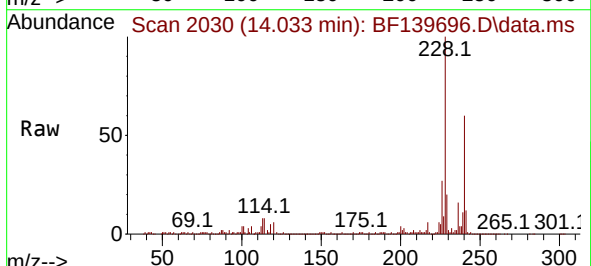
Tgt Ion:202 Resp: 104437
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.8 0.0 37.7

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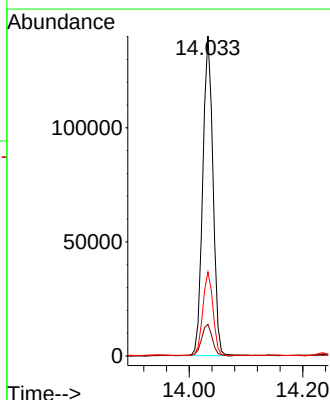
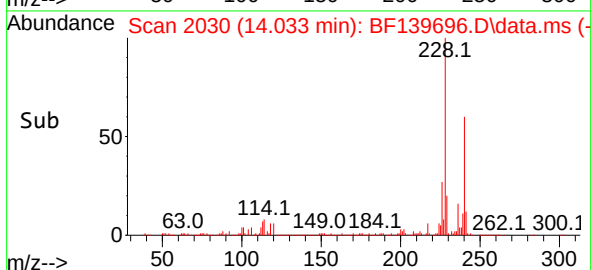
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

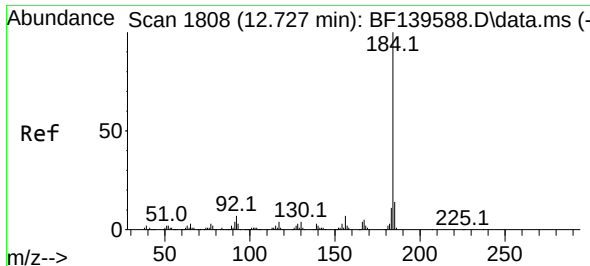


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



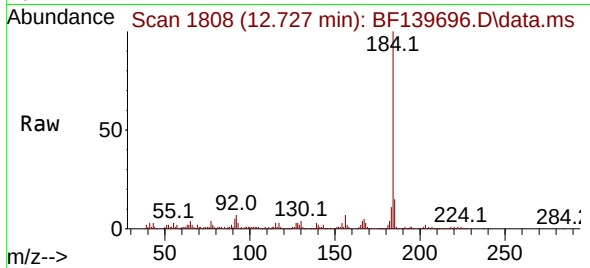
Tgt Ion:240 Resp: 174484
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.3 20.3 30.5





#77
Benzidine
Concen: 49.208 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

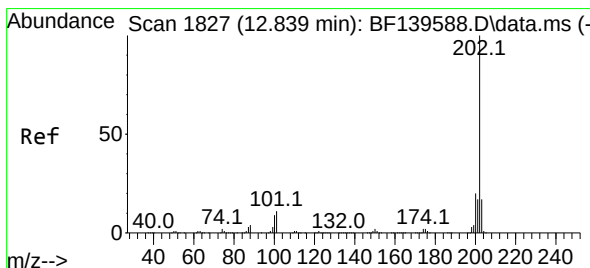
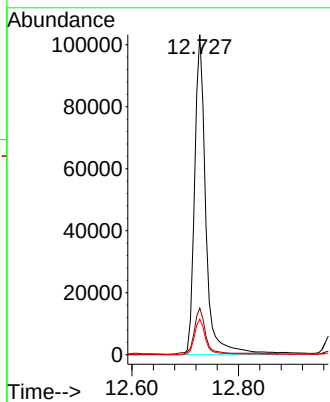
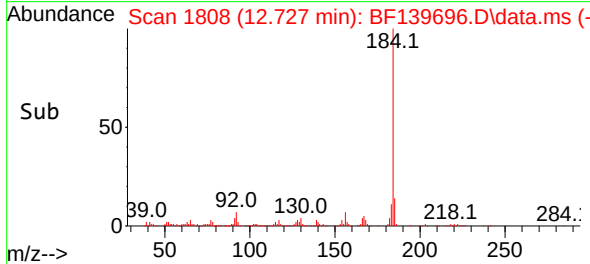
Instrument :
BNA_F
ClientSampleId :
IB-2MS



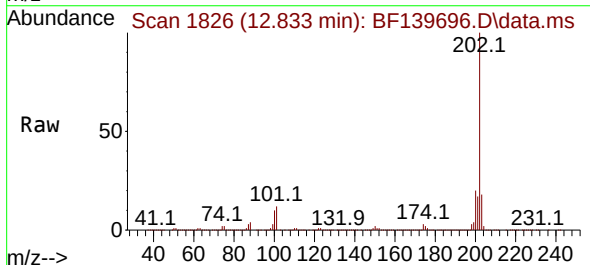
Tgt Ion:184 Resp: 151447
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 11.1 8.8 13.2

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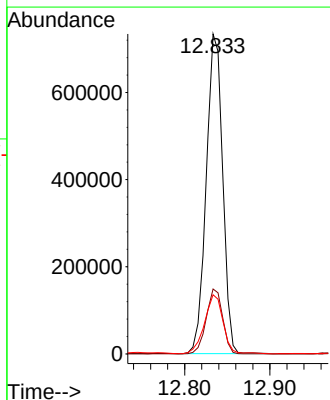
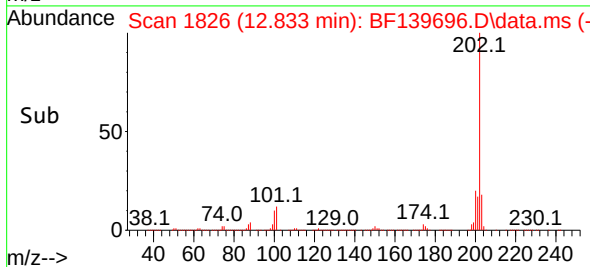
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

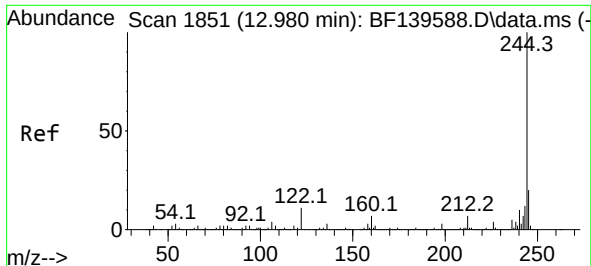


#78
Pyrene
Concen: 63.147 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



Tgt Ion:202 Resp: 985447
Ion Ratio Lower Upper
202 100
200 20.3 15.8 23.6
203 18.5 13.8 20.8





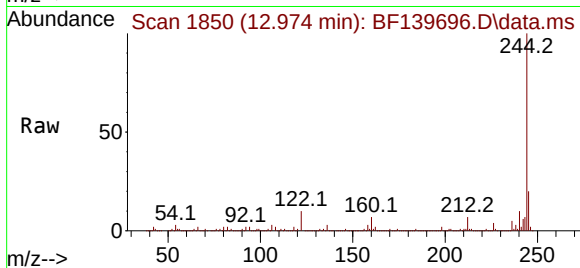
#79
 Terphenyl-d14
 Concen: 51.297 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139696.D
 Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS



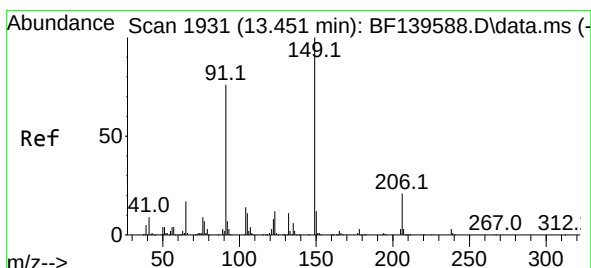
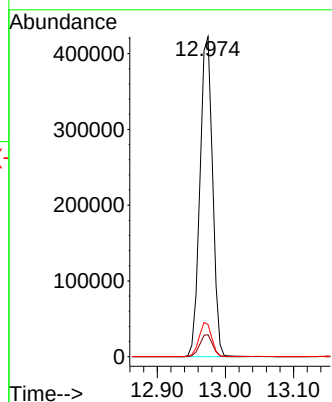
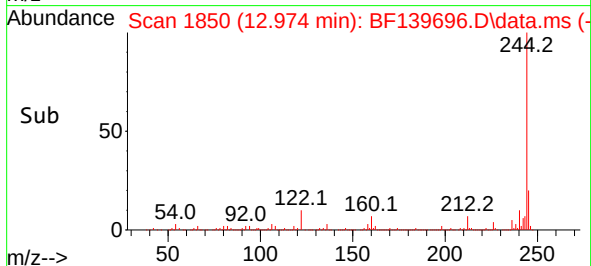
Tgt Ion:244 Resp: 545480
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 10.0 8.6 12.8

Manual Integrations

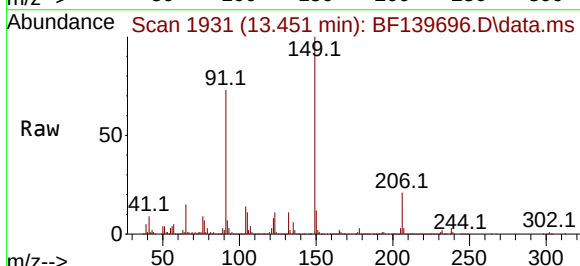
APPROVED

Reviewed By :Yogesh Patel 10/09/2024

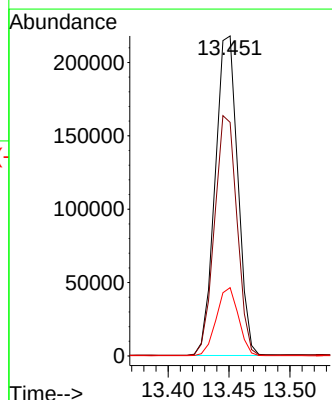
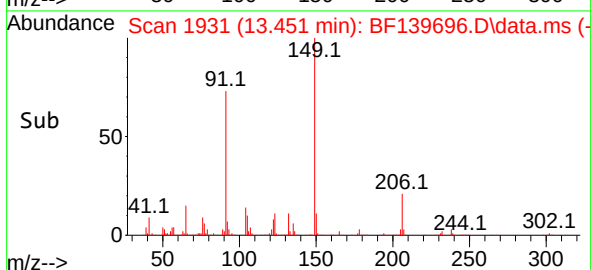
Supervised By :mohammad ahmed 10/09/2024

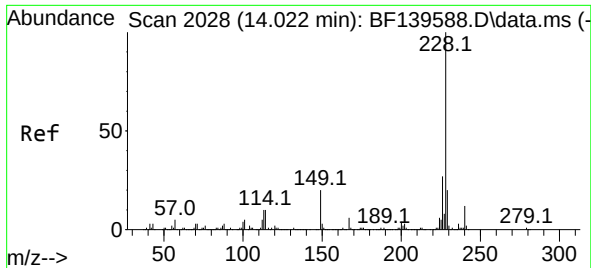


#80
 Butylbenzylphthalate
 Concen: 50.462 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139696.D
 Acq: 07 Oct 2024 19:53



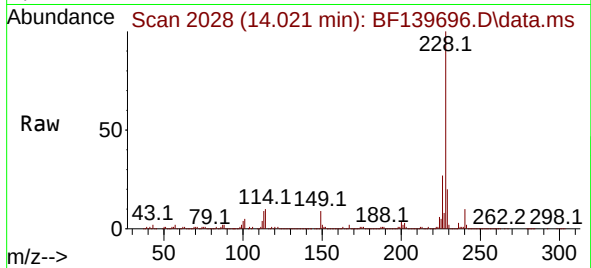
Tgt Ion:149 Resp: 281681
 Ion Ratio Lower Upper
 149 100
 91 73.0 61.0 91.4
 206 21.3 16.6 24.8





#81
Benzo(a)anthracene
Concen: 59.584 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

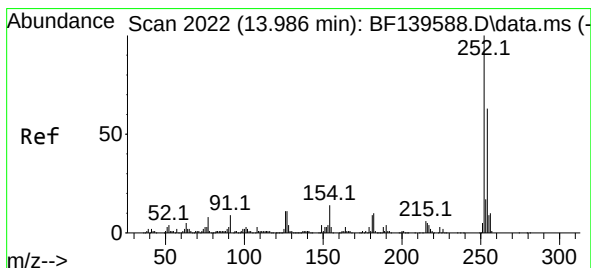
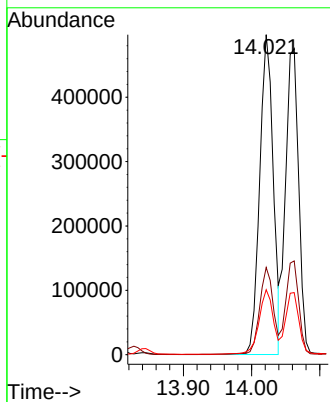
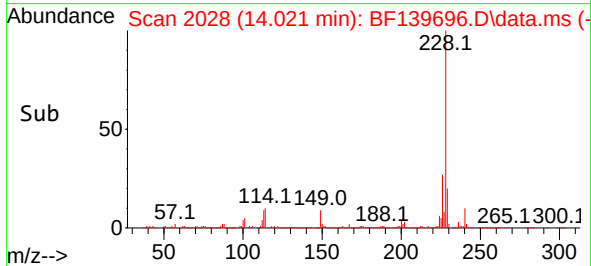
Instrument :
BNA_F
ClientSampleId :
IB-2MS



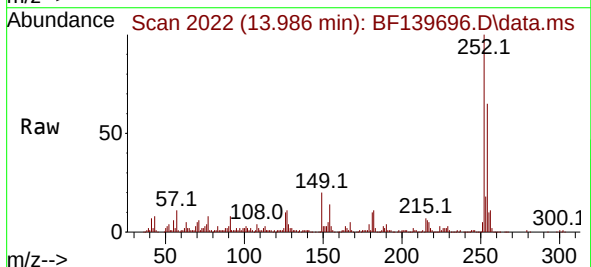
Tgt Ion:228 Resp: 68353
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 20.3 15.8 23.8

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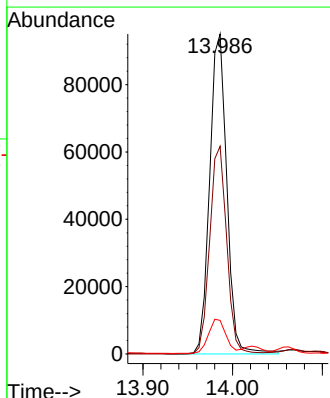
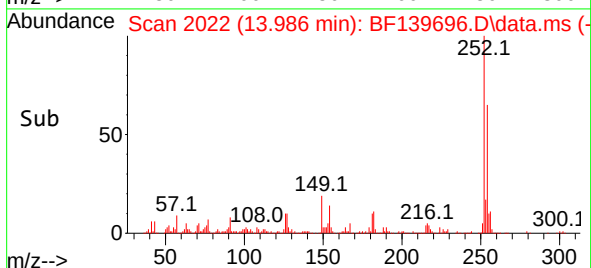
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

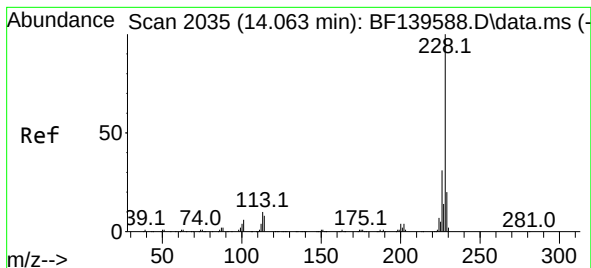


#82
3,3'-Dichlorobenzidine
Concen: 35.934 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



Tgt Ion:252 Resp: 126157
Ion Ratio Lower Upper
252 100
254 64.9 50.5 75.7
126 10.5 8.8 13.2





#83

Chrysene

Concen: 60.295 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

Tgt Ion:228 Resp: 63237

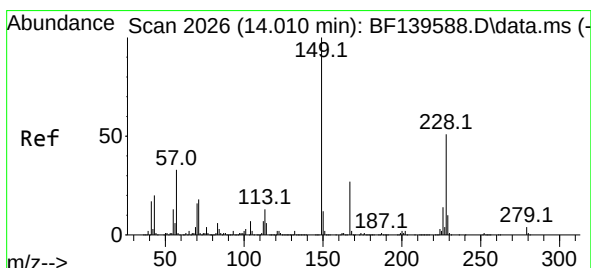
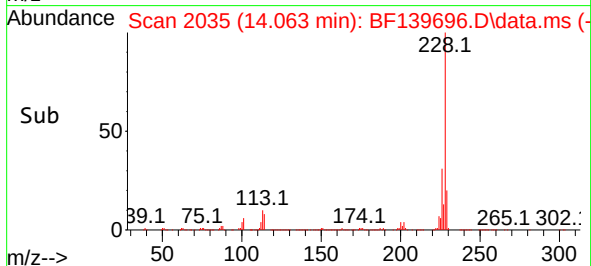
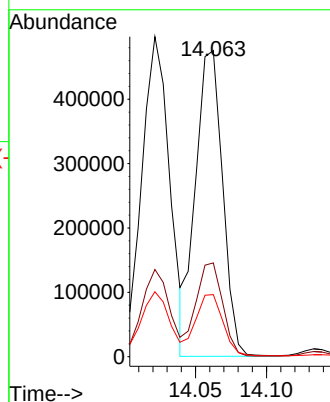
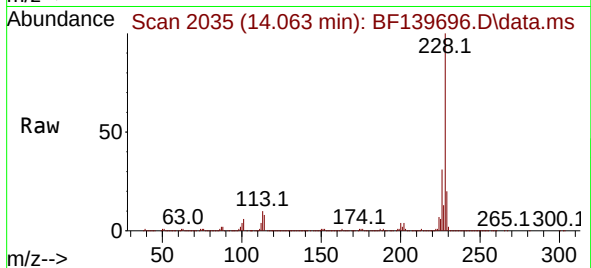
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.3	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.883 ng

RT: 14.004 min Scan# 2025

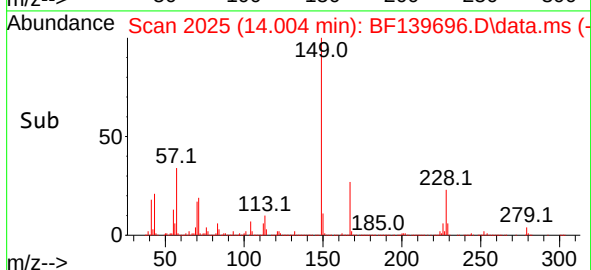
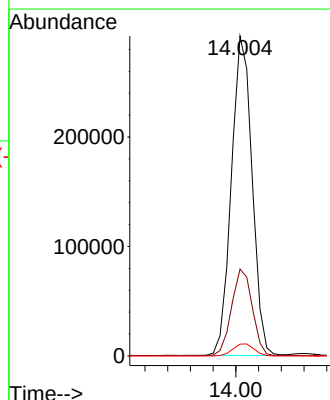
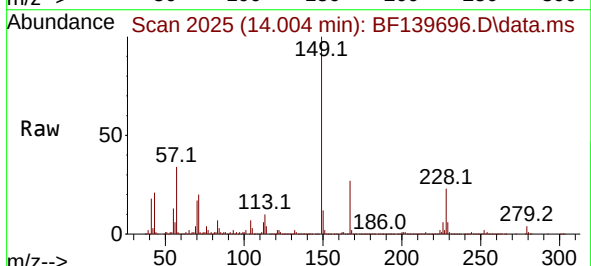
Delta R.T. -0.006 min

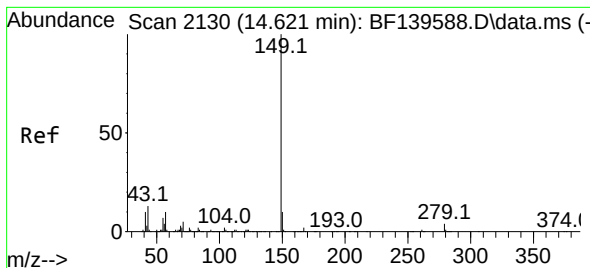
Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Tgt Ion:149 Resp: 368609

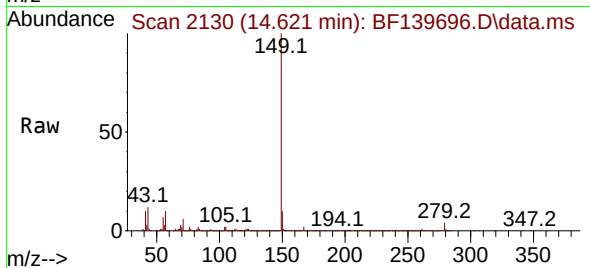
Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	3.7	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 59.125 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

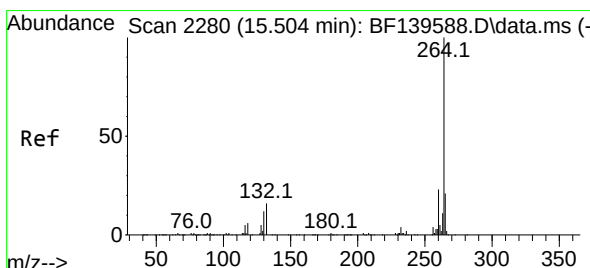
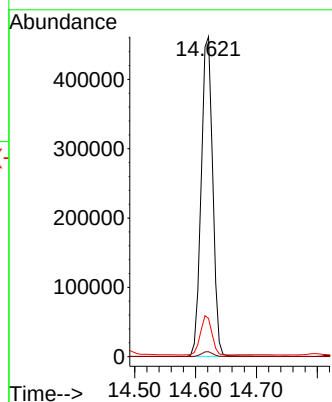
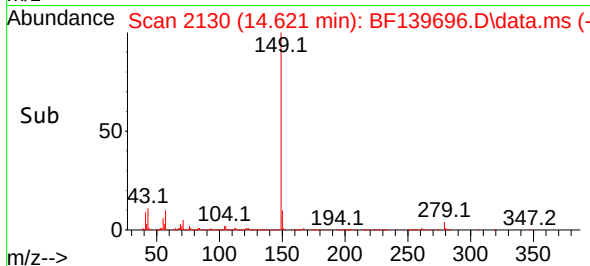
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:149 Resp: 60544
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.1 10.2 15.2

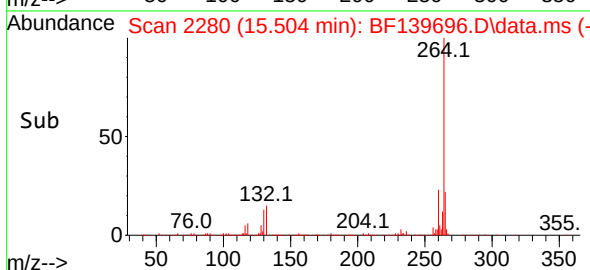
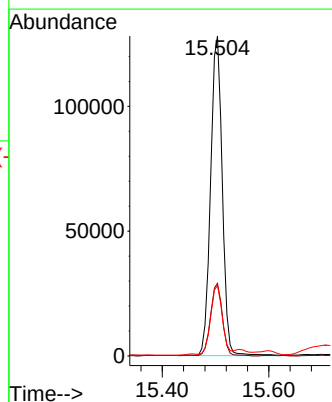
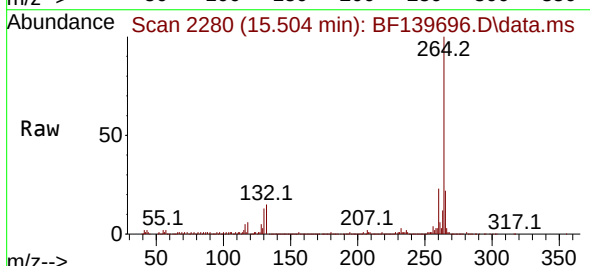
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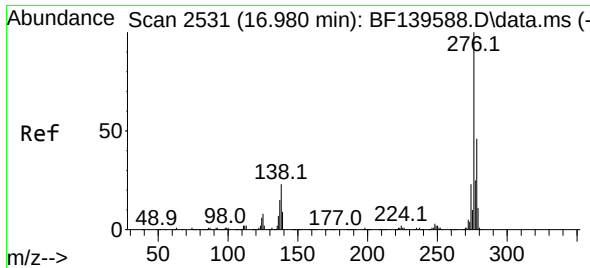
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:264 Resp: 194842
Ion Ratio Lower Upper
264 100
260 22.7 18.7 28.1
265 22.0 16.9 25.3





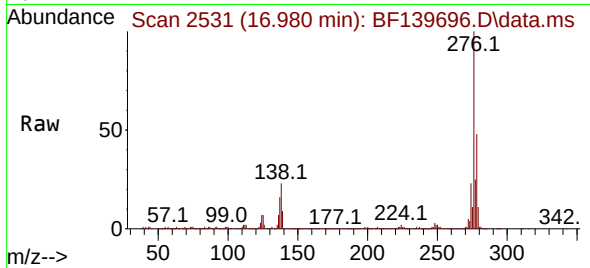
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.895 ng
RT: 16.980 min Scan# 2531
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

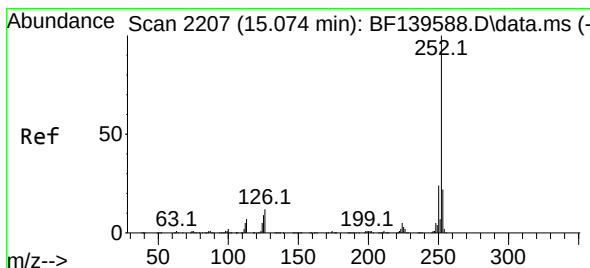
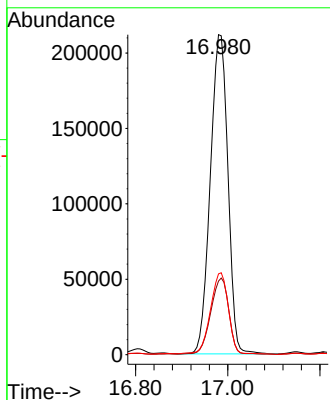
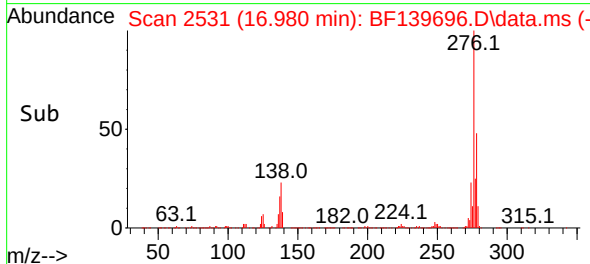


Tgt Ion:276 Resp: 560725
Ion Ratio Lower Upper
276 100
138 24.6 19.4 29.0
277 26.0 20.2 30.2

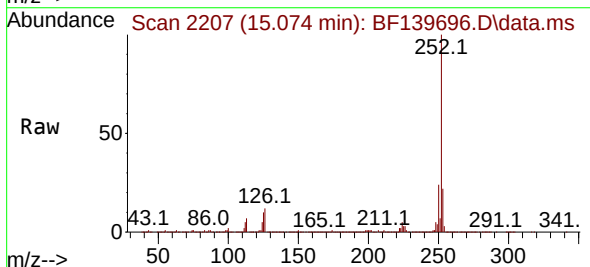
Manual Integrations

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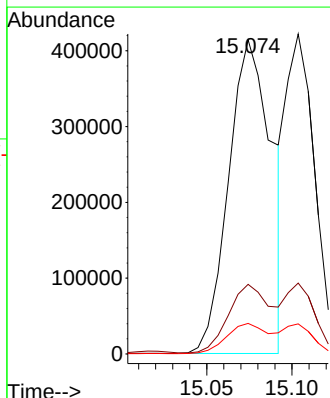
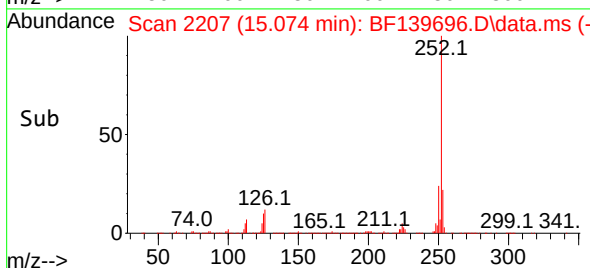
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

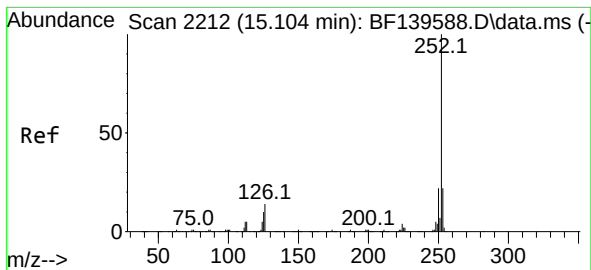


#88
Benzo(b)fluoranthene
Concen: 57.856 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53



Tgt Ion:252 Resp: 728876
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.889 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Instrument :

BNA_F

ClientSampleId :

IB-2MS

Tgt Ion:252 Resp: 490394

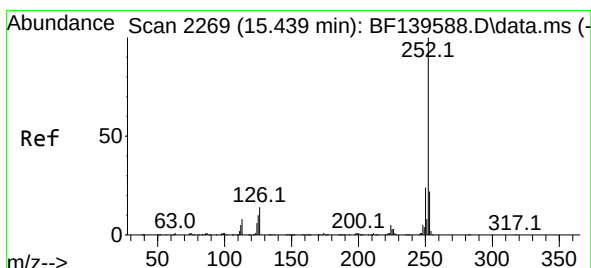
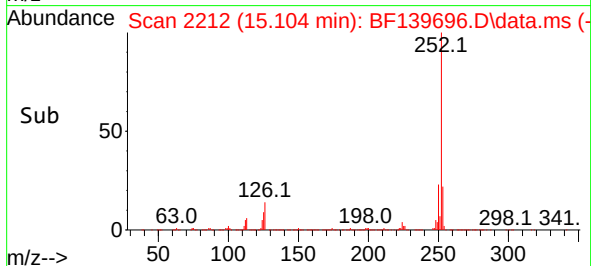
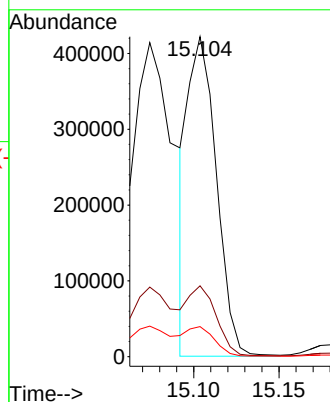
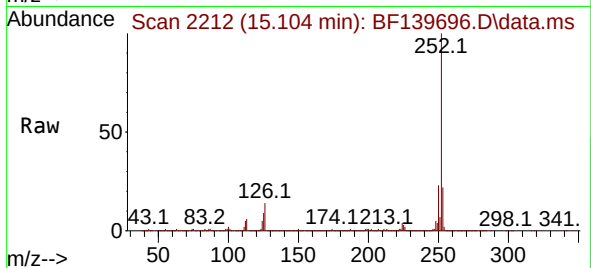
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.4	7.6	11.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/09/2024

Supervised By :mohammad ahmed 10/09/2024



#90

Benzo(a)pyrene

Concen: 60.221 ng

RT: 15.445 min Scan# 2270

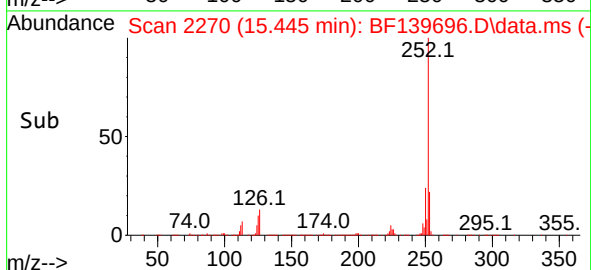
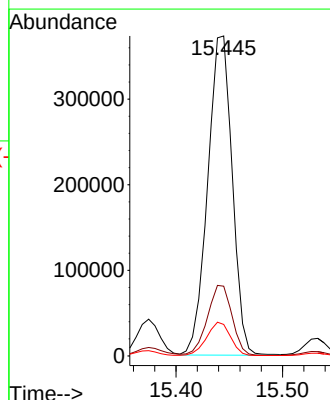
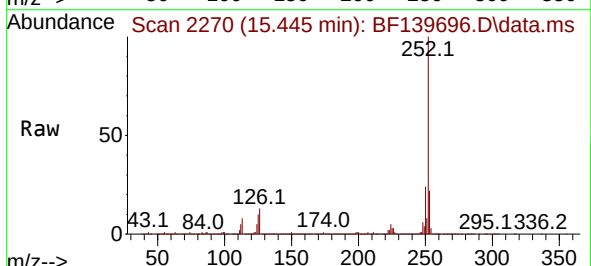
Delta R.T. 0.006 min

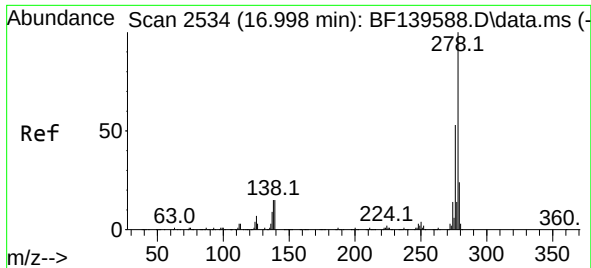
Lab File: BF139696.D

Acq: 07 Oct 2024 19:53

Tgt Ion:252 Resp: 598216

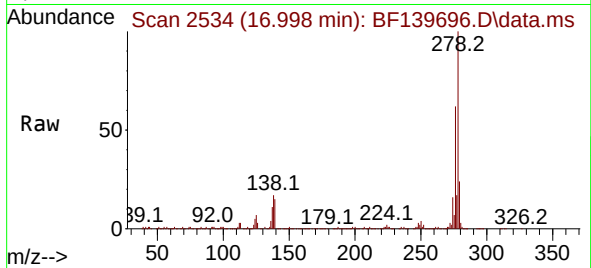
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	9.8	8.3	12.5





#91
Dibenzo(a,h)anthracene
Concen: 46.415 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

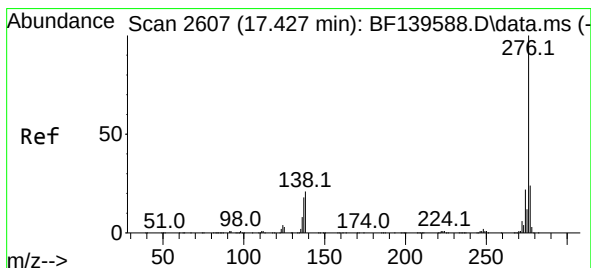
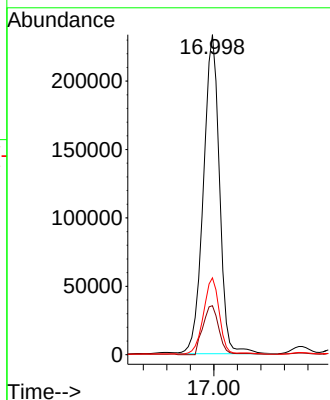
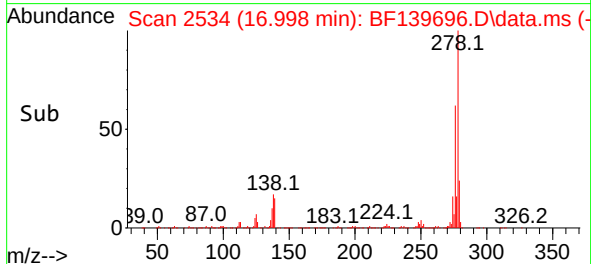
Instrument :
BNA_F
ClientSampleId :
IB-2MS



Tgt Ion:278 Resp: 441485
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 24.0 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: 43.593 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139696.D
Acq: 07 Oct 2024 19:53

Tgt Ion:276 Resp: 415844
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 21.1 17.0 25.6

