

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139723.D
 Acq On : 09 Oct 2024 15:33
 Operator : RC/JU
 Sample : P4340-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1B-3MSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 16:00:51 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	83117	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	313856	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	169819	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	306170	20.000	ng	0.00
76) Chrysene-d12	14.033	240	155284	20.000	ng	0.00
86) Perylene-d12	15.498	264	171359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	541574	112.935	ng	0.00
7) Phenol-d6	6.504	99	714166	110.743	ng	0.00
23) Nitrobenzene-d5	7.428	82	465496	75.092	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	178420	108.837	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	841151	76.041	ng	0.00
79) Terphenyl-d14	12.975	244	734121	77.572	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	97568	47.060	ng	99
3) Pyridine	3.446	79	248456	49.274	ng	98
4) n-Nitrosodimethylamine	3.405	42	160977	48.773	ng	97
6) Aniline	6.528	93	206020	36.001	ng	# 70
8) 2-Chlorophenol	6.651	128	264528	51.487	ng	98
9) Benzaldehyde	6.416	77	78659	23.026	ng	98
10) Phenol	6.516	94	345207	50.908	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	262927	47.622	ng	99
12) 1,3-Dichlorobenzene	6.804	146	279031	48.277	ng	100
13) 1,4-Dichlorobenzene	6.887	146	281370	48.066	ng	99
14) 1,2-Dichlorobenzene	7.034	146	268043	48.857	ng	99
15) Benzyl Alcohol	7.010	79	247254	50.180	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	474505	49.644	ng	94
17) 2-Methylphenol	7.122	107	214957	50.116	ng	98
18) Hexachloroethane	7.375	117	104743	47.972	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	199418	48.098	ng	98
20) 3+4-Methylphenols	7.275	107	267039	49.568	ng	96
22) Acetophenone	7.275	105	361505	48.524	ng	96
24) Nitrobenzene	7.451	77	299415	46.645	ng	99
25) Isophorone	7.687	82	538447	48.905	ng	99
26) 2-Nitrophenol	7.763	139	141334	51.217	ng	98
27) 2,4-Dimethylphenol	7.804	122	206009	60.982	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	320339	48.724	ng	100
29) 2,4-Dichlorophenol	8.010	162	219103	49.724	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	232321	46.621	ng	100
31) Naphthalene	8.169	128	777955	48.480	ng	100
32) Benzoic acid	7.928	122	131439	39.129	ng	98
33) 4-Chloroaniline	8.222	127	54124	9.964	ng	99
34) Hexachlorobutadiene	8.281	225	150934	46.804	ng	99
35) Caprolactam	8.592	113	72162m	49.931	ng	
36) 4-Chloro-3-methylphenol	8.710	107	240936	48.303	ng	100
37) 2-Methylnaphthalene	8.863	142	505624	48.379	ng	99
38) 1-Methylnaphthalene	8.963	142	470160	46.022	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	236497	50.152	ng	99
41) Hexachlorocyclopentadiene	9.010	237	237079	163.962	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	162385	51.081	ng	99

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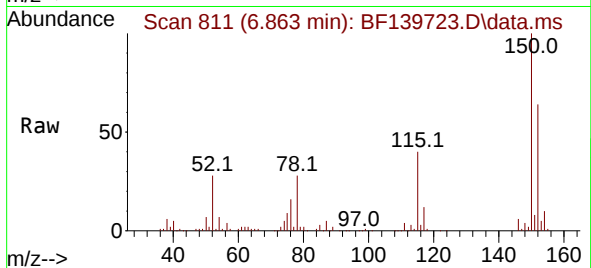
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	166717	48.631	ng	99
46) 1,1'-Biphenyl	9.328	154	628090	49.728	ng	99
47) 2-Chloronaphthalene	9.351	162	466780	49.297	ng	98
48) 2-Nitroaniline	9.451	65	173223	50.962	ng	97
49) Acenaphthylene	9.763	152	765726	53.176	ng	99
50) Dimethylphthalate	9.628	163	565398	50.861	ng	100
51) 2,6-Dinitrotoluene	9.692	165	123326	49.111	ng	92
52) Acenaphthene	9.939	154	530888m	53.703	ng	
53) 3-Nitroaniline	9.857	138	63708	24.826	ng	98
54) 2,4-Dinitrophenol	9.969	184	116438	86.208	ng	98
55) Dibenzofuran	10.110	168	696758	50.340	ng	100
56) 4-Nitrophenol	10.028	139	187666	95.897	ng	96
57) 2,4-Dinitrotoluene	10.098	165	168035	51.193	ng	99
58) Fluorene	10.451	166	550321	49.919	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	138184	49.905	ng	98
60) Diethylphthalate	10.328	149	566890	49.372	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	268501	48.683	ng	96
62) 4-Nitroaniline	10.475	138	127343	48.513	ng	98
63) Azobenzene	10.604	77	679905	58.881	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	84494	48.863	ng	97
66) n-Nitrosodiphenylamine	10.563	169	475233	52.659	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	156951	49.997	ng	97
68) Hexachlorobenzene	10.998	284	173859	49.911	ng	99
69) Atrazine	11.092	200	150831	62.291	ng	98
70) Pentachlorophenol	11.198	266	178714	86.162	ng	99
71) Phenanthrene	11.416	178	750039	51.956	ng	100
72) Anthracene	11.469	178	764374	53.521	ng	100
73) Carbazole	11.622	167	685837	49.999	ng	100
74) Di-n-butylphthalate	11.951	149	861336	51.638	ng	99
75) Fluoranthene	12.604	202	755026	47.844	ng	100
77) Benzidine	12.727	184	194407	70.977	ng	99
78) Pyrene	12.833	202	745528	53.680	ng	100
80) Butylbenzylphthalate	13.445	149	283920	57.152	ng	100
81) Benzo(a)anthracene	14.022	228	533848	52.290	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	103275	33.053	ng	98
83) Chrysene	14.057	228	489170	52.408	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	369721	59.601	ng	99
85) Di-n-octyl phthalate	14.616	149	530312	58.191	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	611179	60.598	ng	100
88) Benzo(b)fluoranthene	15.068	252	502065	45.314	ng	99
89) Benzo(k)fluoranthene	15.104	252	451311	48.019	ng	99
90) Benzo(a)pyrene	15.439	252	470742	53.883	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	493239	58.963	ng	99
92) Benzo(g,h,i)perylene	17.427	276	472129	56.276	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# 81
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

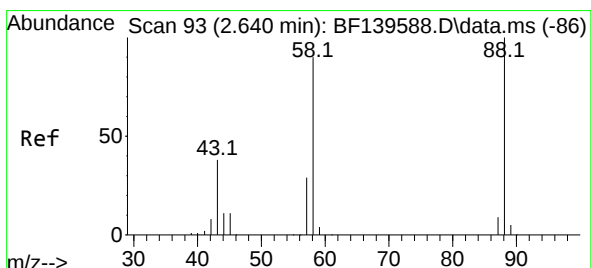
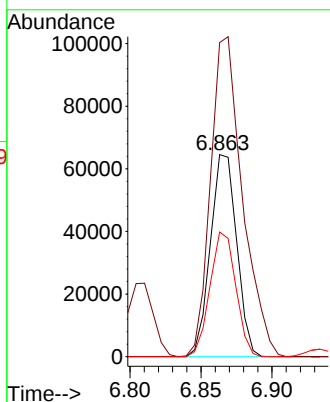
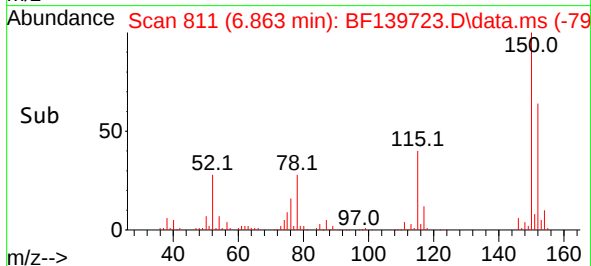
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



Tgt Ion:152 Resp: 8311
Ion Ratio Lower Upper
152 100
150 155.5 127.2 190.8
115 61.7 49.0 73.4

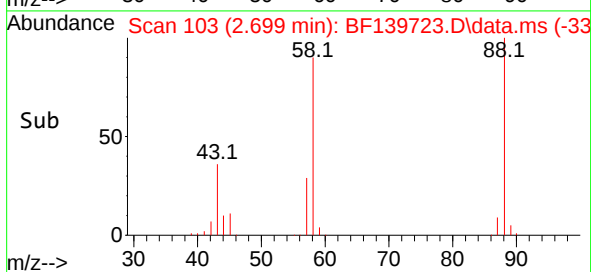
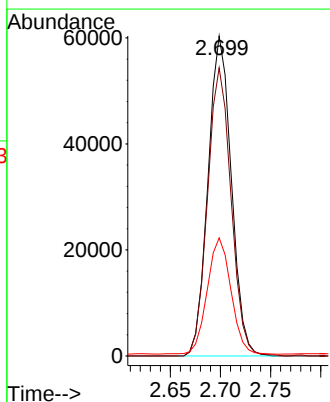
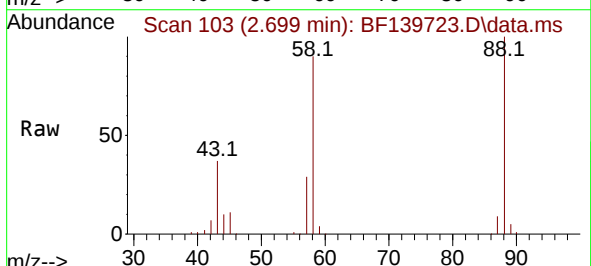
Manual Integrations
APPROVED

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



#2
1,4-Dioxane
Concen: 47.060 ng
RT: 2.699 min Scan# 103
Delta R.T. 0.059 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion: 88 Resp: 97568
Ion Ratio Lower Upper
88 100
58 90.9 72.0 108.0
43 37.0 30.8 46.2





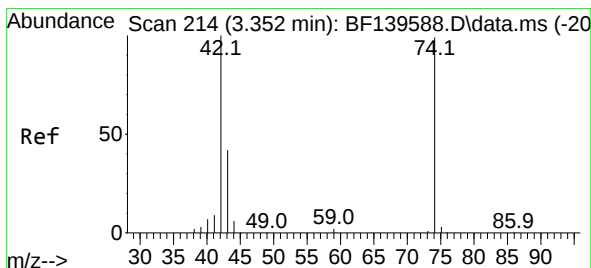
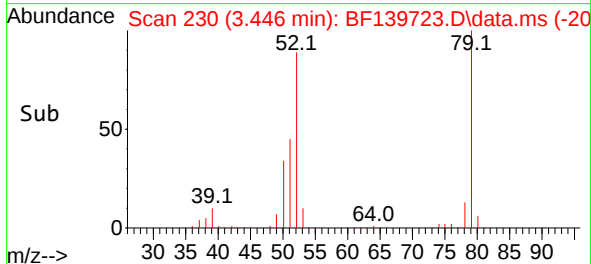
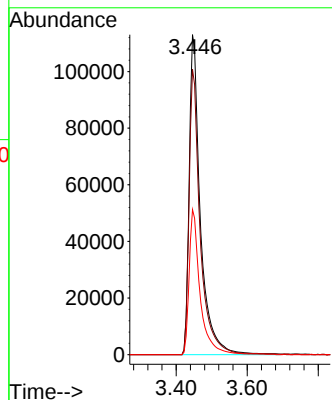
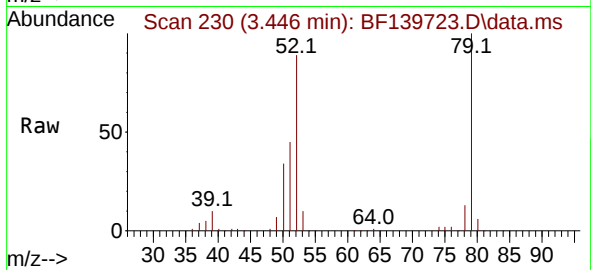
#3
Pyridine
Concen: 49.274 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion: 79 Resp: 248450
Ion Ratio Lower Upper
79 100
52 89.1 72.6 109.0
51 45.4 37.5 56.3

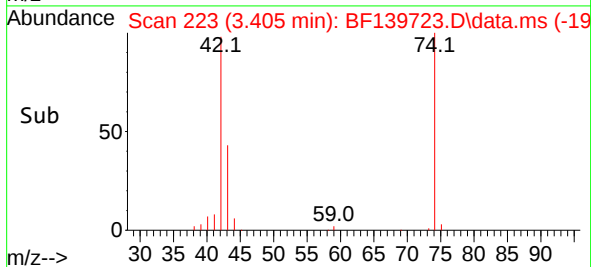
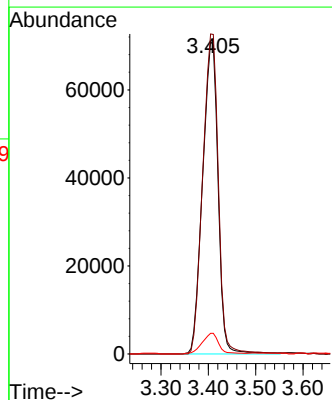
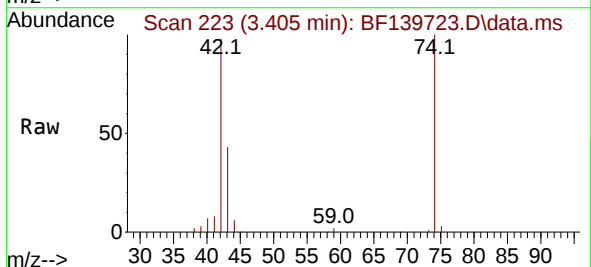
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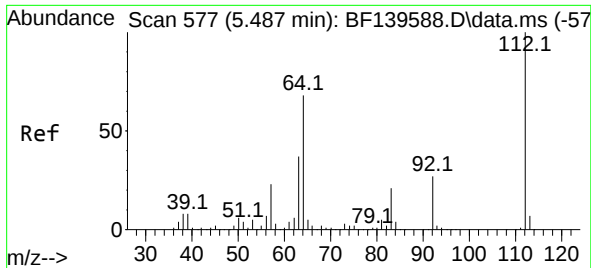
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#4
n-Nitrosodimethylamine
Concen: 48.773 ng
RT: 3.405 min Scan# 223
Delta R.T. 0.053 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion: 42 Resp: 160977
Ion Ratio Lower Upper
42 100
74 102.5 79.0 118.6
44 6.6 5.2 7.8





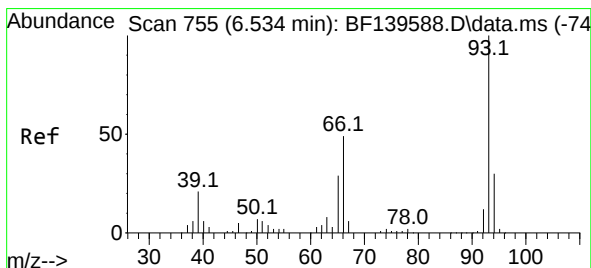
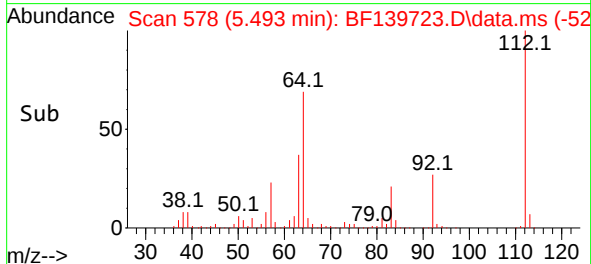
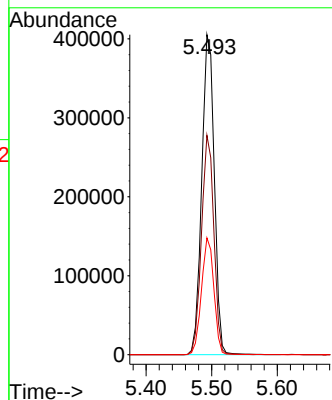
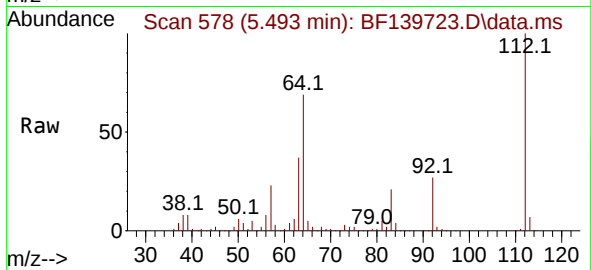
#5
2-Fluorophenol
Concen: 112.935 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion:112 Resp: 541574
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 36.5 29.4 44.2

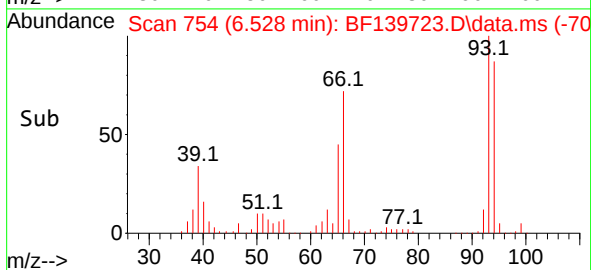
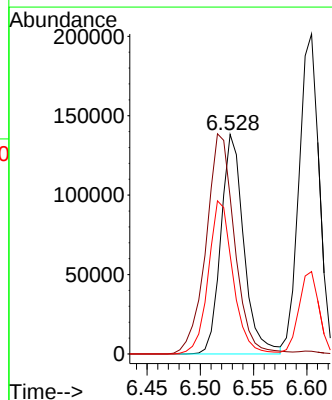
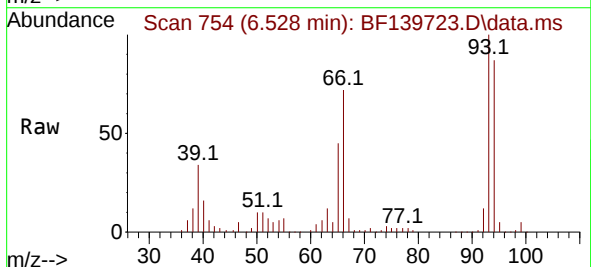
Manual Integrations
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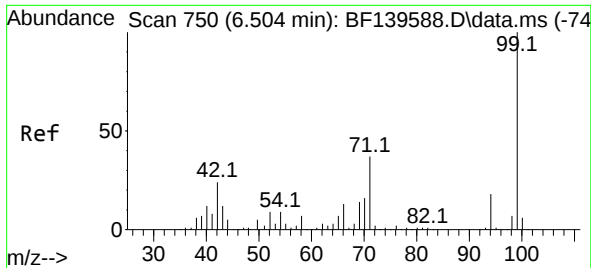
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#6
Aniline
Concen: 36.001 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

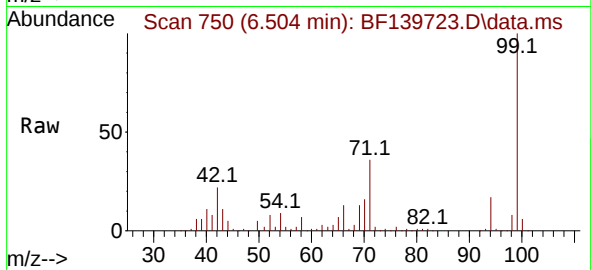
Tgt Ion: 93 Resp: 206020
Ion Ratio Lower Upper
93 100
66 71.5 40.9 61.3#
65 45.1 23.3 34.9#





#7
Phenol-d6
Concen: 110.743 ng
RT: 6.504 min Scan# 71416
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

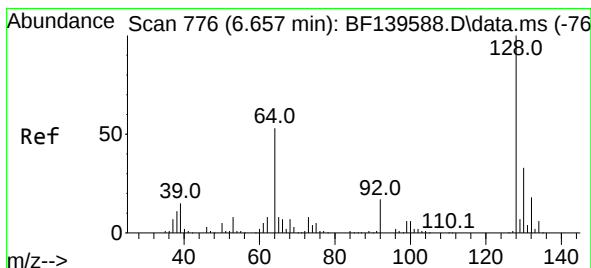
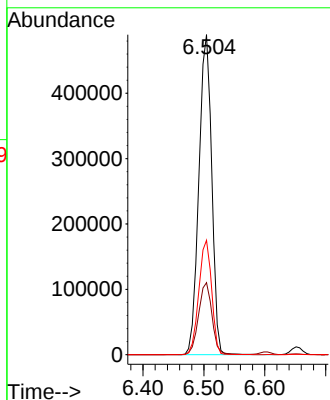
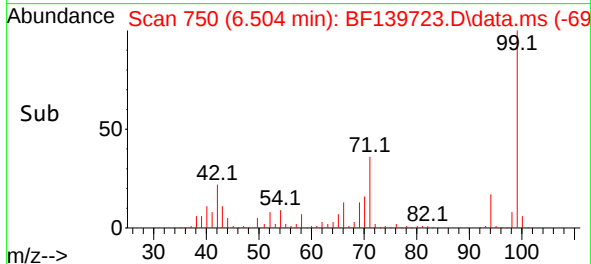
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



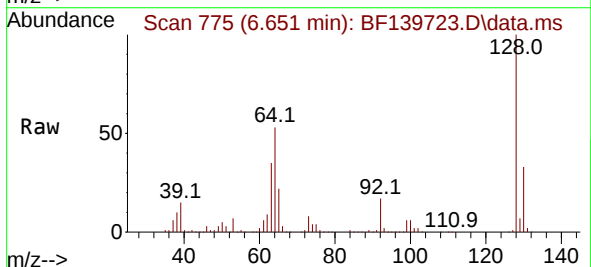
Tgt Ion: 99 Resp: 71416
Ion Ratio Lower Upper
99 100
42 22.5 19.1 28.7
71 35.8 29.7 44.5

Manual Integrations
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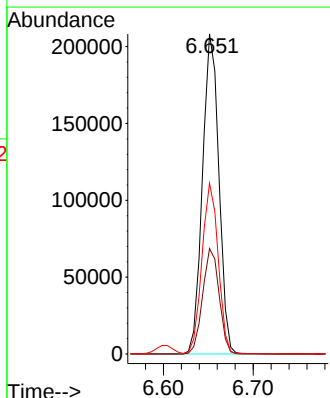
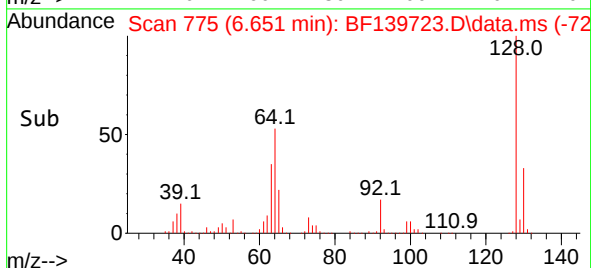
Reviewed By :Yogesh Patel 10/10/2024
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#8
2-Chlorophenol
Concen: 51.487 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion:128 Resp: 264528
Ion Ratio Lower Upper
128 100
130 33.0 13.2 53.2
64 53.4 35.1 75.1





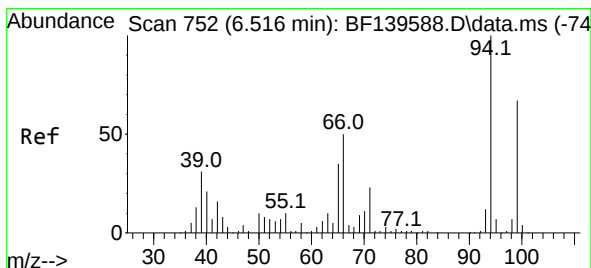
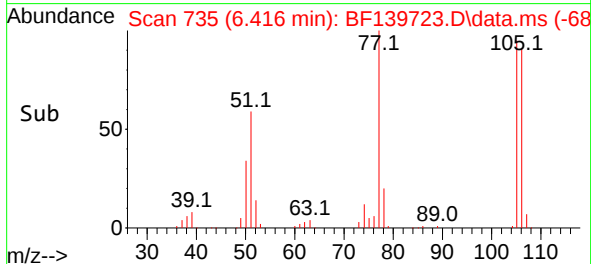
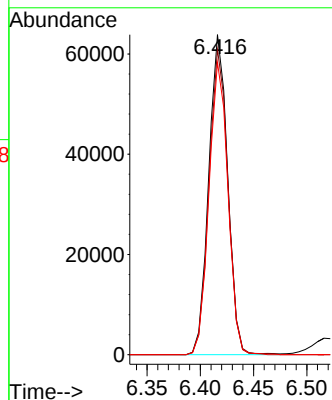
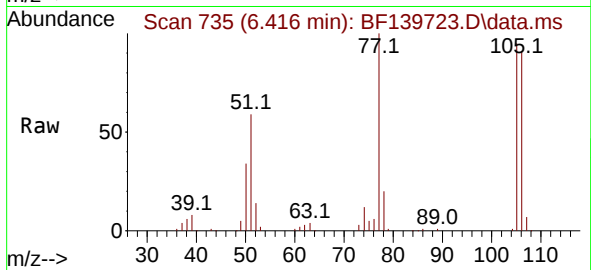
#9
Benzaldehyde
Concen: 23.026 ng
RT: 6.416 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion: 77 Resp: 7865
Ion Ratio Lower Upper
77 100
105 95.4 72.7 112.7
106 91.3 70.1 110.1

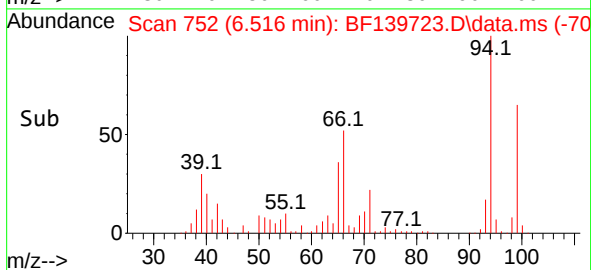
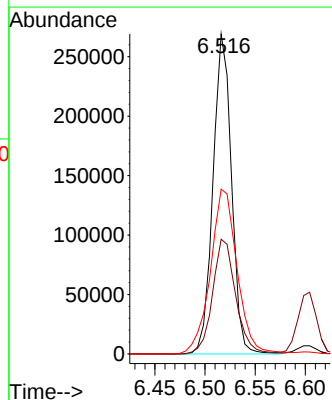
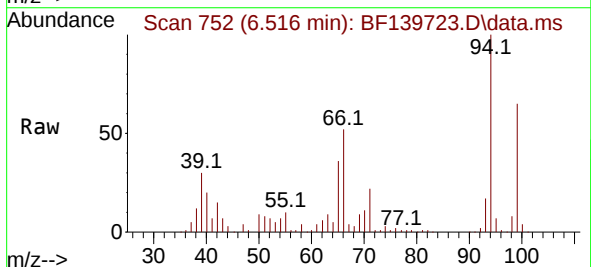
Manual Integrations
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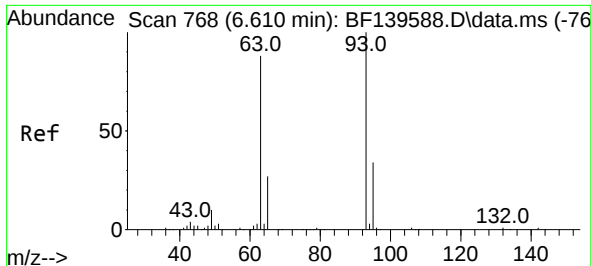
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#10
Phenol
Concen: 50.908 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion: 94 Resp: 345207
Ion Ratio Lower Upper
94 100
65 35.8 15.3 55.3
66 51.5 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 47.622 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion: 93 Resp: 26292

Ion Ratio Lower Upper

93 100

63 83.3 64.1 104.1

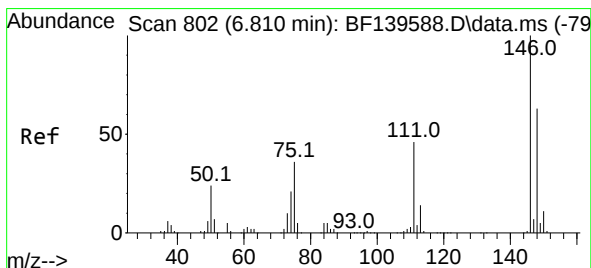
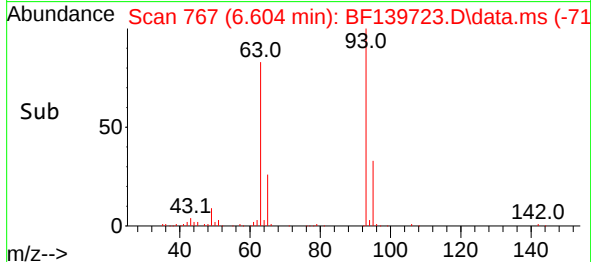
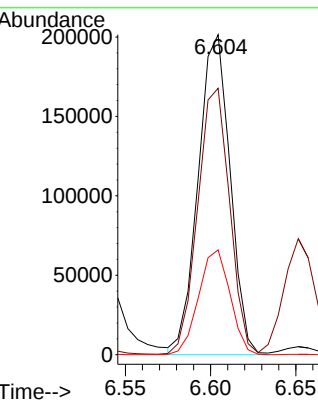
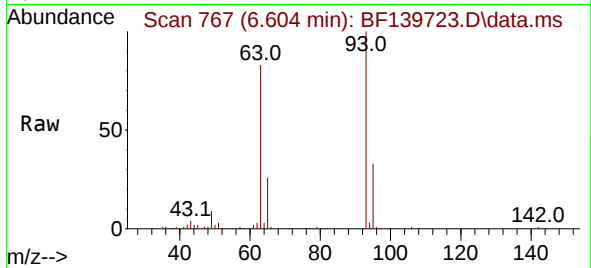
95 32.7 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#12

1,3-Dichlorobenzene

Concen: 48.277 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

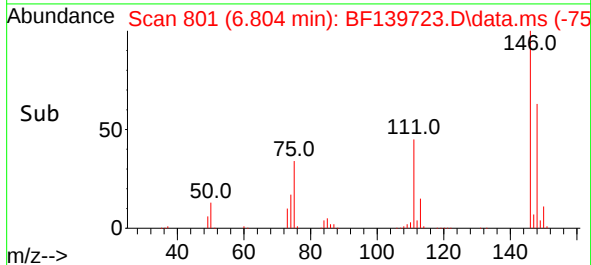
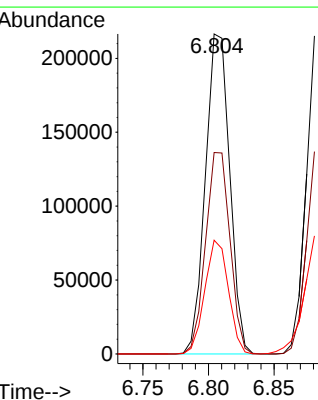
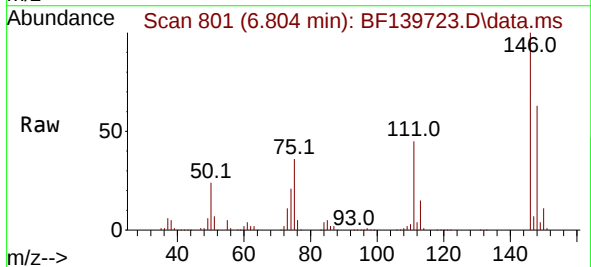
Tgt Ion:146 Resp: 279031

Ion Ratio Lower Upper

146 100

148 63.0 50.2 75.4

75 35.6 28.5 42.7





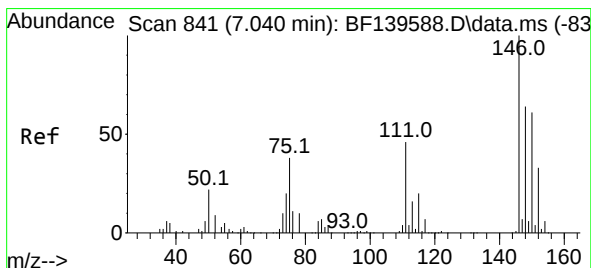
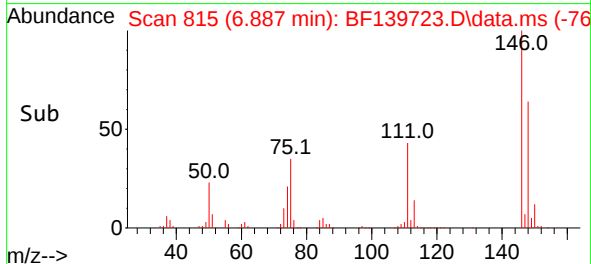
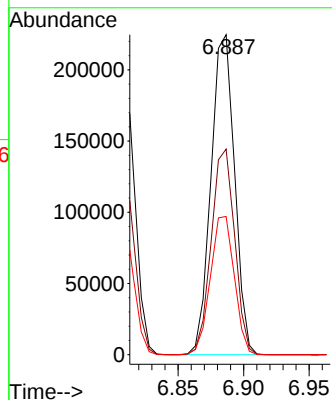
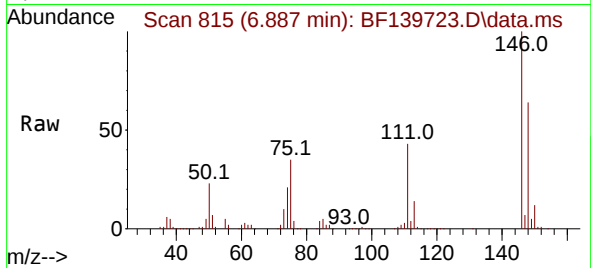
#13
1,4-Dichlorobenzene
Concen: 48.066 ng
RT: 6.887 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion:146 Resp: 281370
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 43.2 34.9 52.3

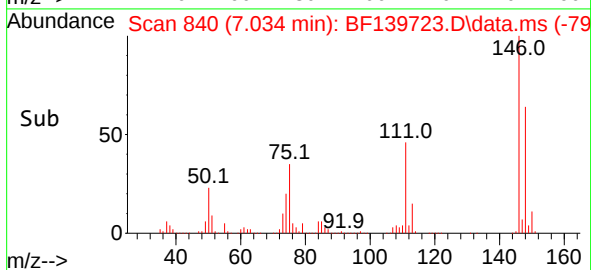
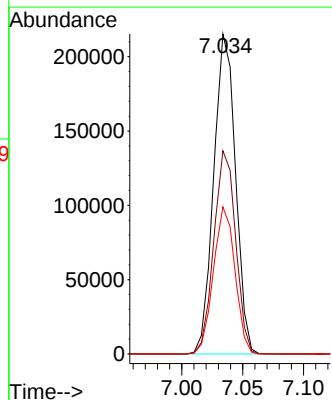
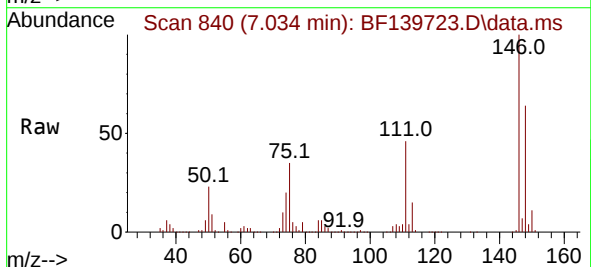
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 48.857 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

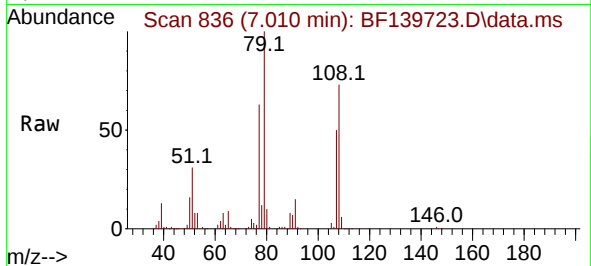
Tgt Ion:146 Resp: 268043
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 45.9 37.0 55.6





#15
Benzyl Alcohol
Concen: 50.180 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

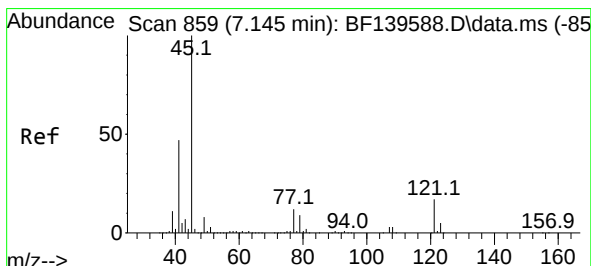
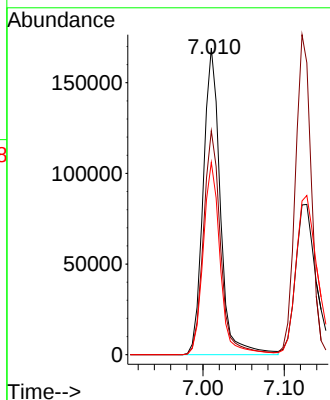
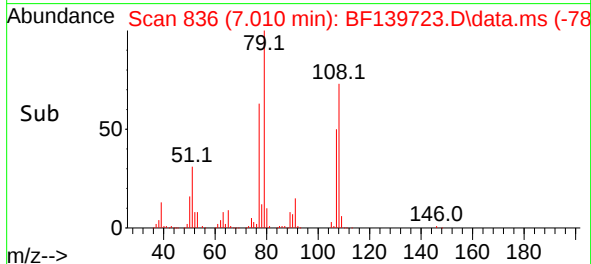
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



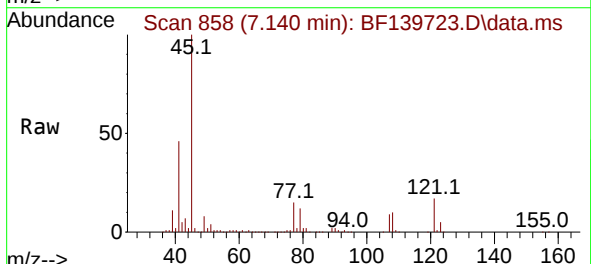
Tgt Ion: 79 Resp: 247254
Ion Ratio Lower Upper
79 100
108 73.0 55.1 82.7
77 62.7 50.8 76.2

Manual Integrations
APPROVED

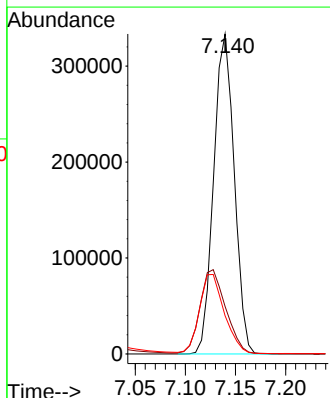
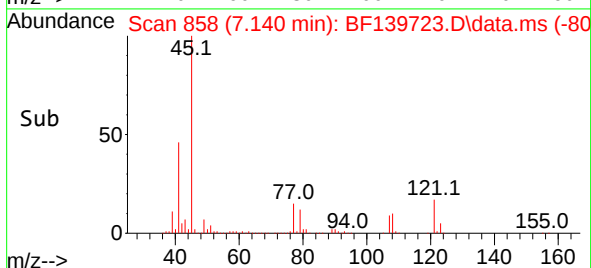
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

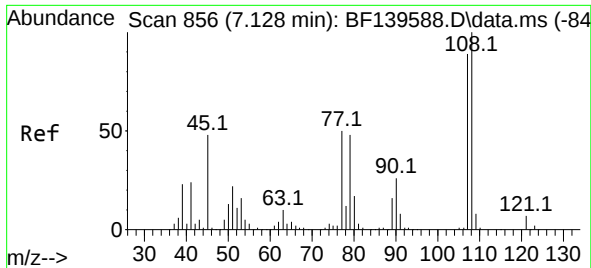


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.644 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion: 45 Resp: 474505
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.5
79 12.0 0.0 29.7





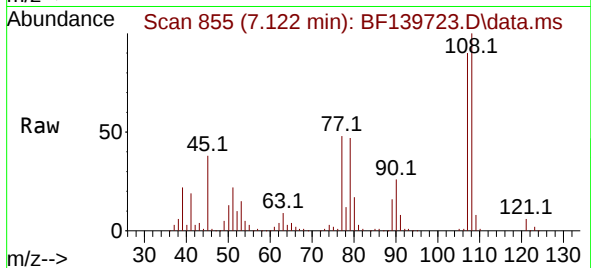
#17
2-Methylphenol
Concen: 50.116 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD



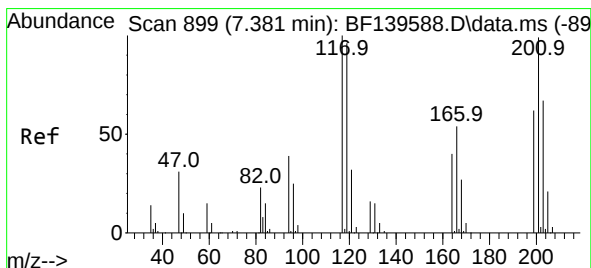
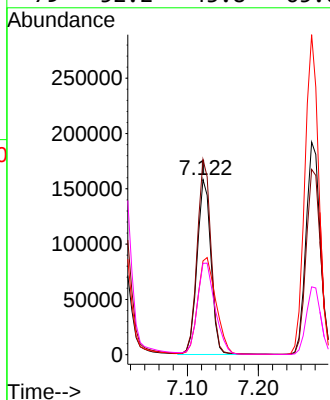
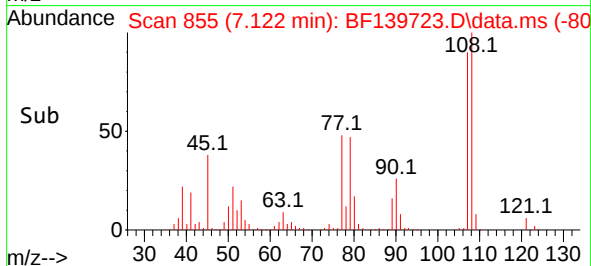
Tgt Ion:107 Resp: 21495
Ion Ratio Lower Upper
107 100
108 111.4 89.8 134.6
77 53.5 44.6 67.0
79 52.2 43.8 65.6

Manual Integrations

APPROVED

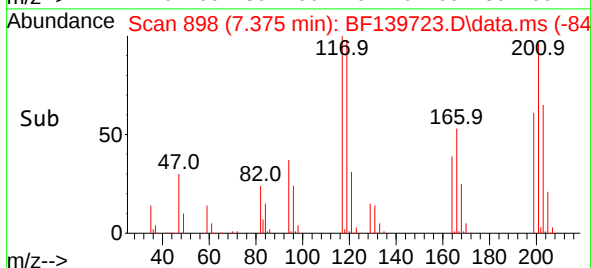
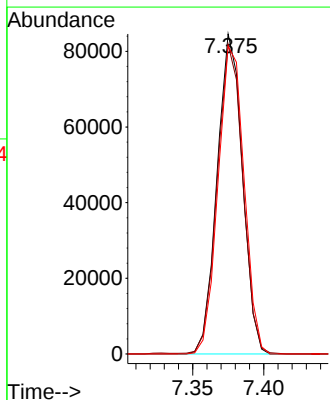
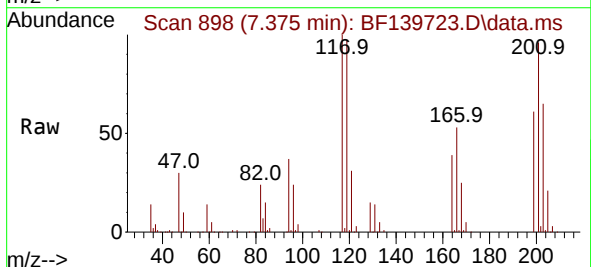
Reviewed By :Yogesh Patel 10/10/2024

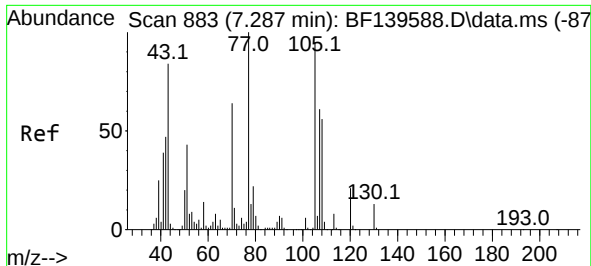
Supervised By :mohammad ahmed 10/10/2024



#18
Hexachloroethane
Concen: 47.972 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:117 Resp: 104743
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.6
201 96.2 79.2 118.8





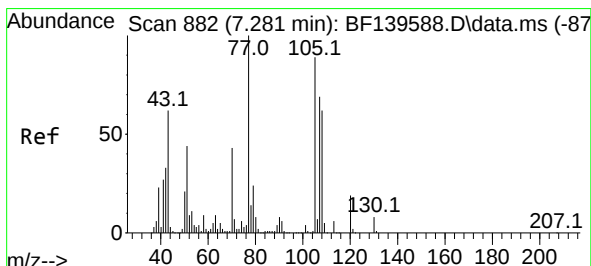
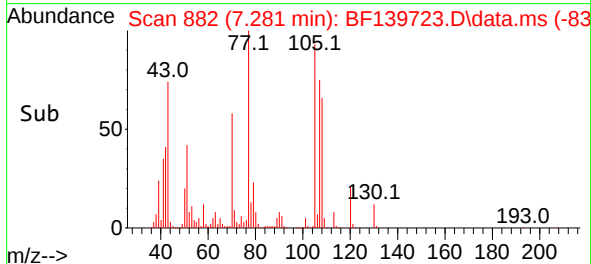
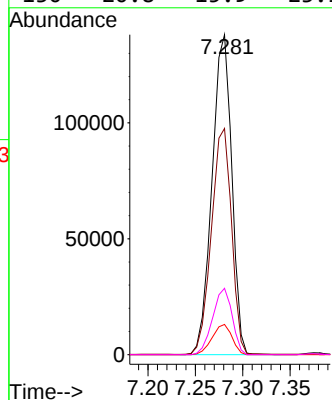
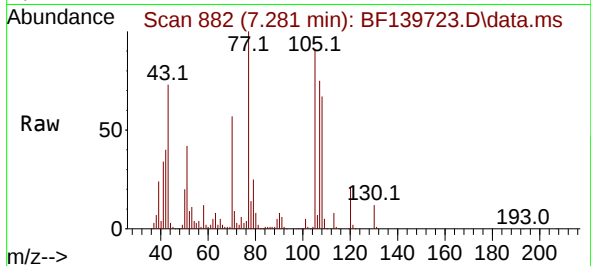
#19
n-Nitroso-di-n-propylamine
Concen: 48.098 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion: 70 Resp: 199418
Ion Ratio Lower Upper
70 100
42 70.7 58.0 87.0
101 9.4 7.8 11.8
130 20.8 15.9 23.9

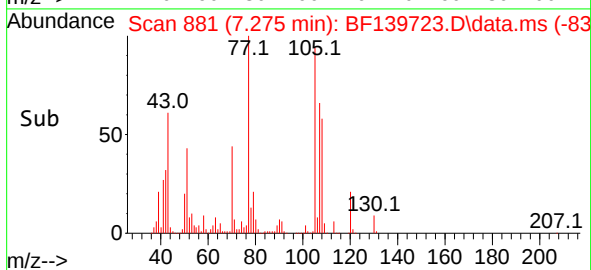
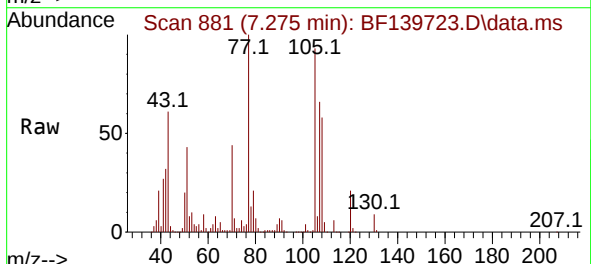
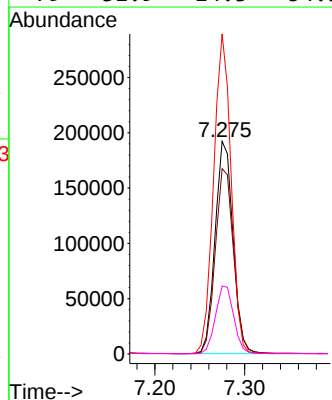
Manual Integrations
APPROVED

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



#20
3+4-Methylphenols
Concen: 49.568 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:107 Resp: 267039
Ion Ratio Lower Upper
107 100
108 87.2 70.2 110.2
77 150.5 125.3 165.3
79 31.9 14.3 54.3





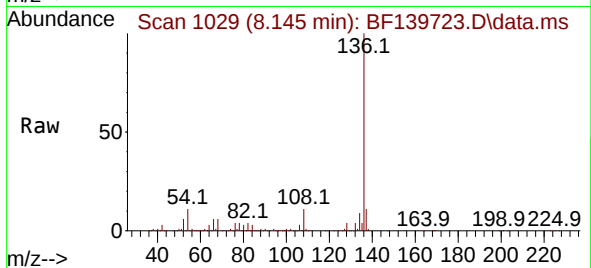
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

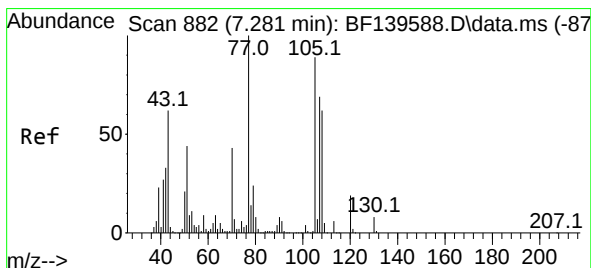
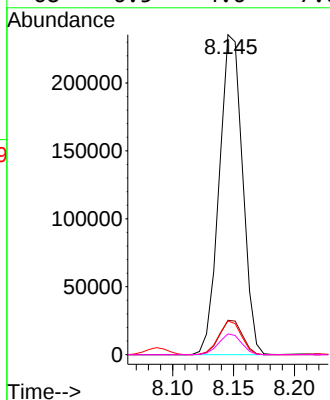
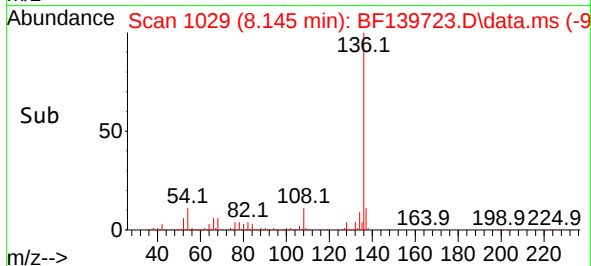


Tgt Ion:136 Resp: 313850
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.6 8.3 12.5
68 6.5 4.6 7.0

Manual Integrations

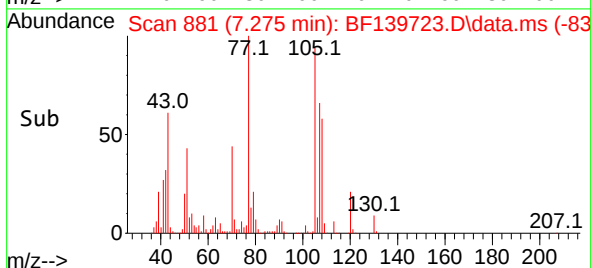
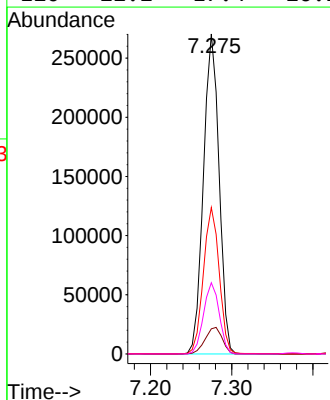
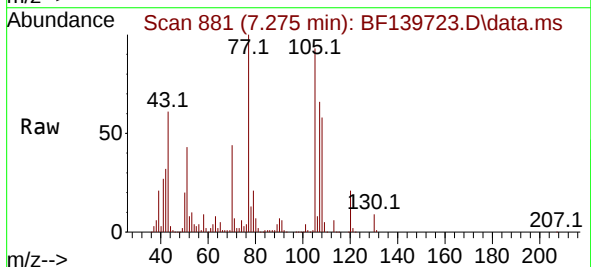
APPROVED

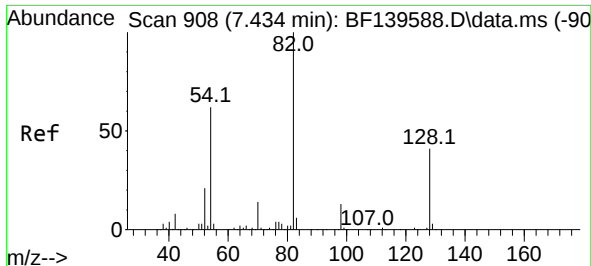
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#22
Acetophenone
Concen: 48.524 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:105 Resp: 361505
Ion Ratio Lower Upper
105 100
71 7.9 6.6 10.0
51 45.8 39.4 59.0
120 22.2 17.4 26.2





#23

Nitrobenzene-d5

Concen: 75.092 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion: 82 Resp: 465490

Ion Ratio Lower Upper

82 100

128 41.5 32.4 48.6

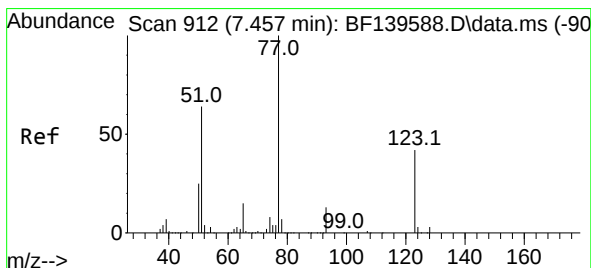
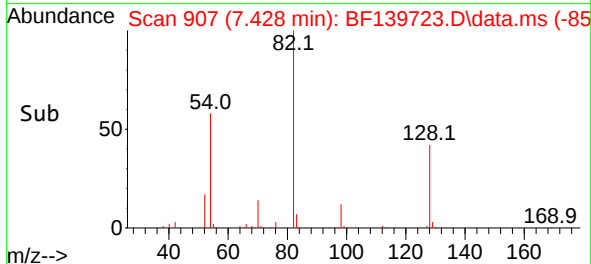
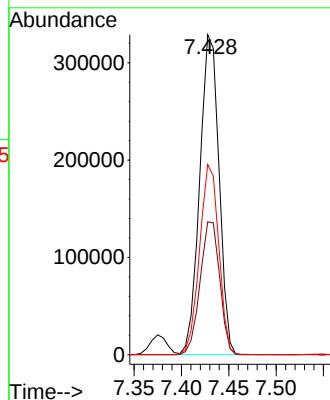
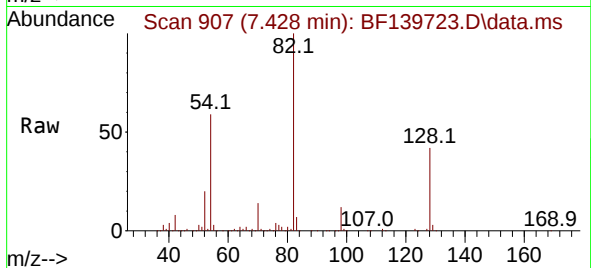
54 59.4 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#24

Nitrobenzene

Concen: 46.645 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

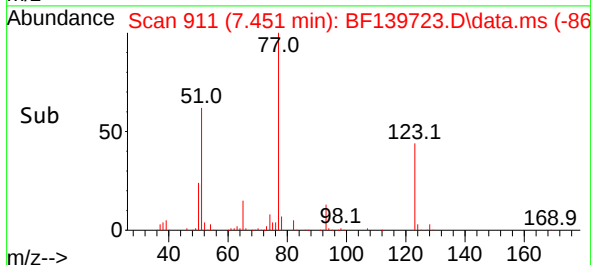
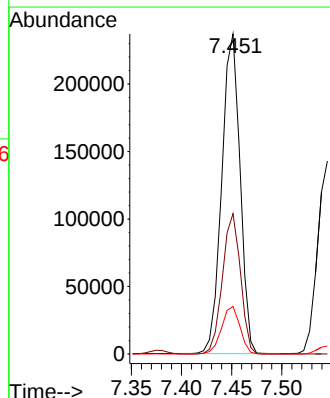
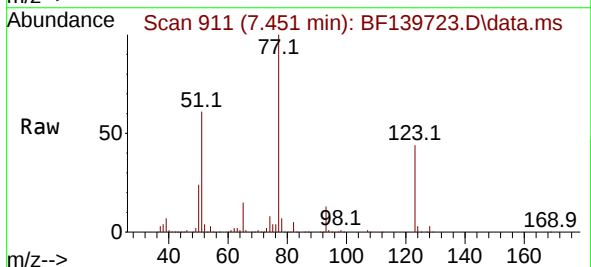
Tgt Ion: 77 Resp: 299415

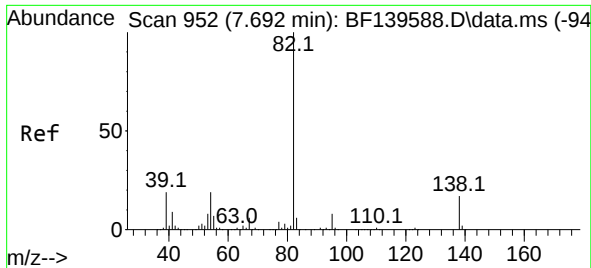
Ion Ratio Lower Upper

77 100

123 43.9 34.2 51.4

65 14.9 12.1 18.1





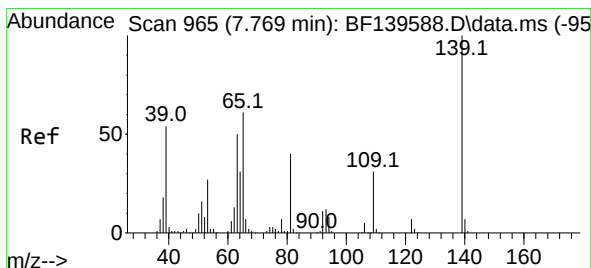
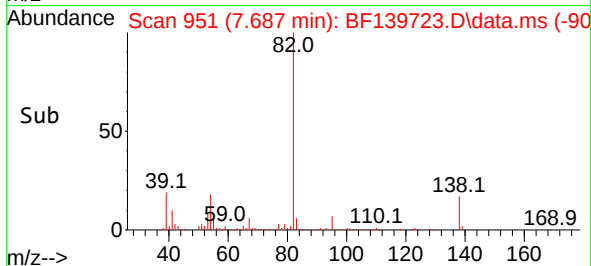
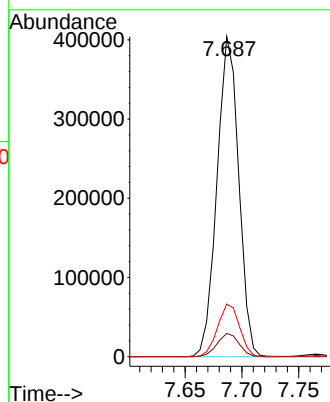
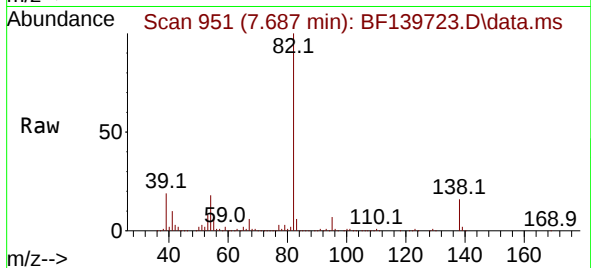
#25
Isophorone
Concen: 48.905 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion: 82 Resp: 53844
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.5 13.4 20.2

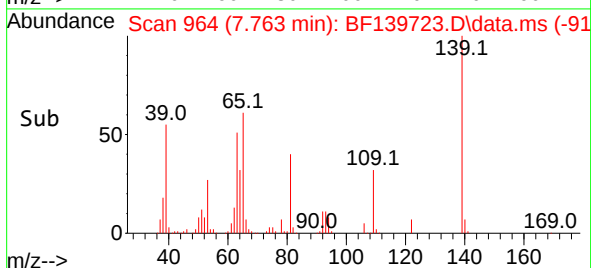
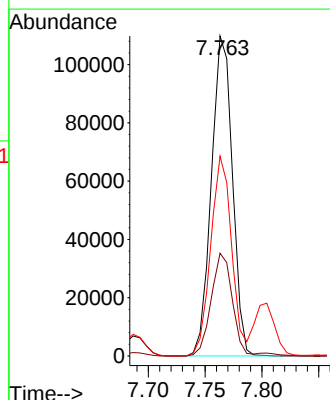
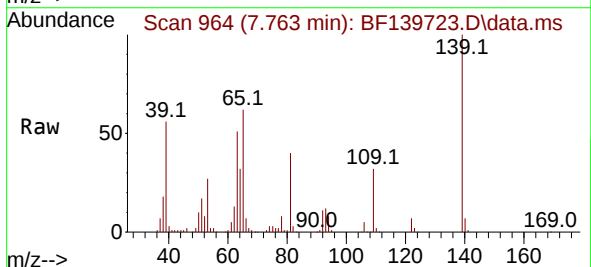
Manual Integrations
APPROVED

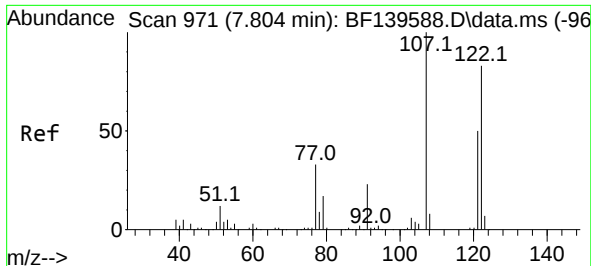
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#26
2-Nitrophenol
Concen: 51.217 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:139 Resp: 141334
Ion Ratio Lower Upper
139 100
109 32.1 24.9 37.3
65 62.4 48.6 72.8





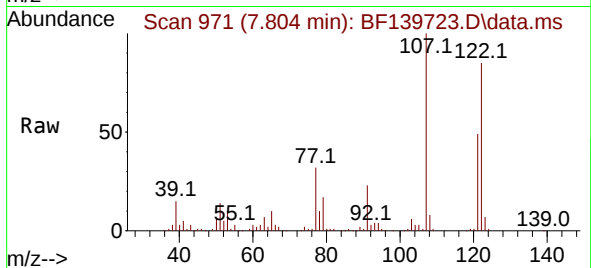
#27
2,4-Dimethylphenol
Concen: 60.982 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

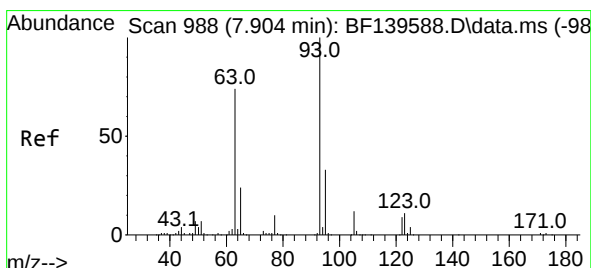
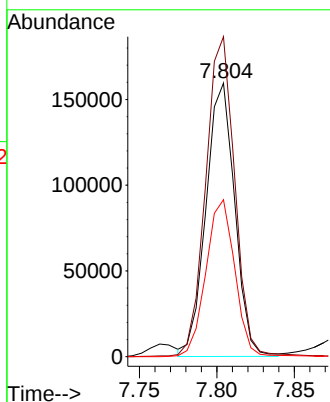
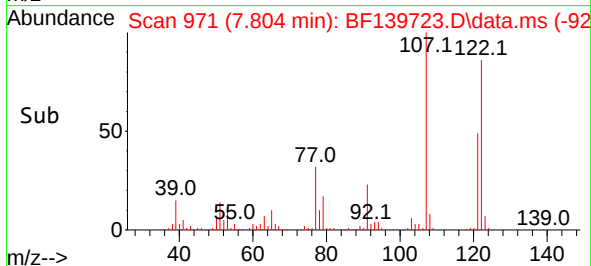
1B-3MSD



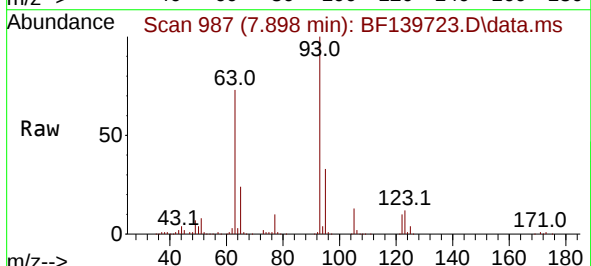
Tgt Ion:122 Resp: 206009
Ion Ratio Lower Upper
122 100
107 117.0 95.4 143.0
121 57.4 47.4 71.2

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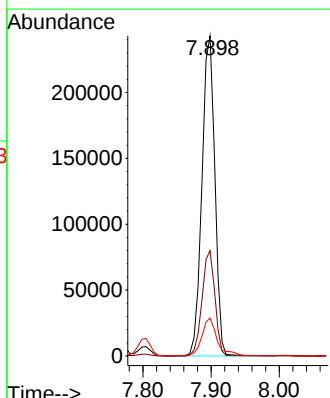
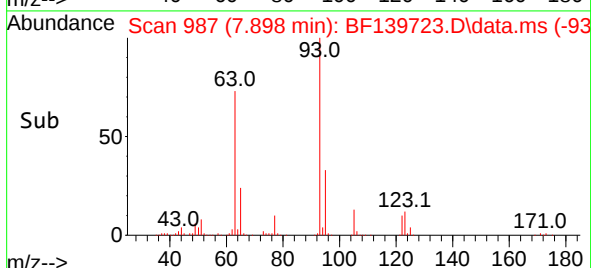
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

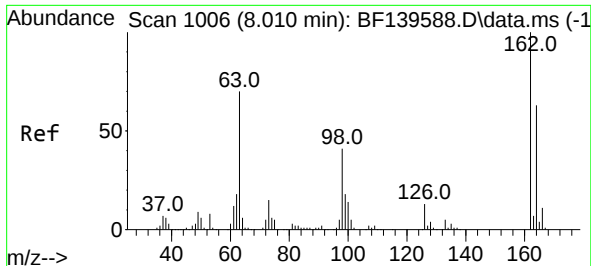


#28
bis(2-Chloroethoxy)methane
Concen: 48.724 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion: 93 Resp: 320339
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.724 ng

RT: 8.010 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion:162 Resp: 21910

Ion Ratio Lower Upper

162 100

164 64.7 43.1 83.1

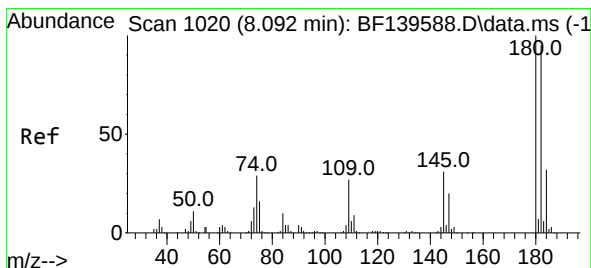
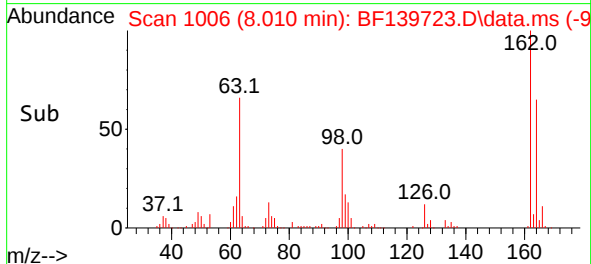
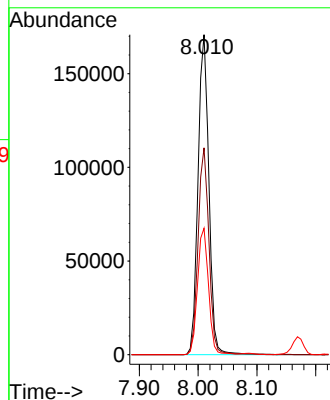
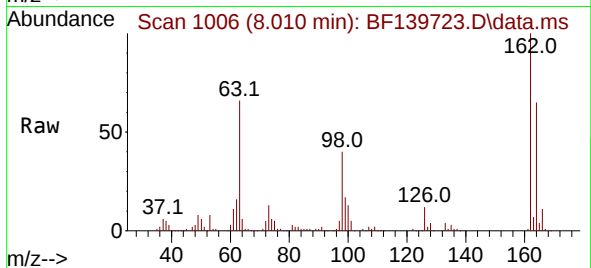
98 39.5 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.621 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

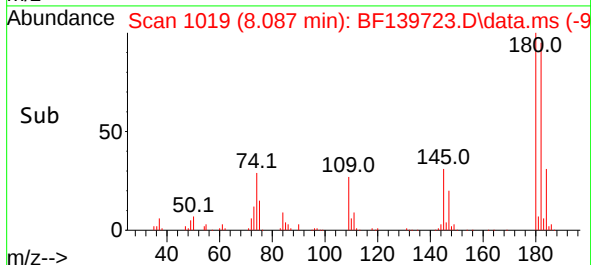
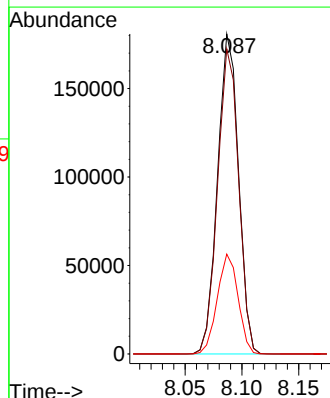
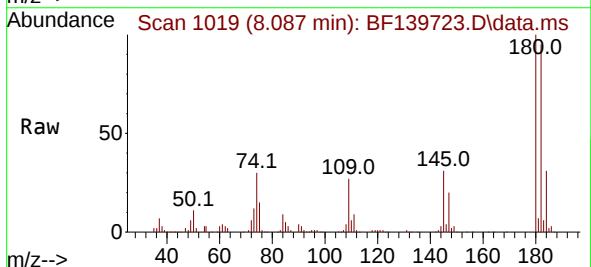
Tgt Ion:180 Resp: 232321

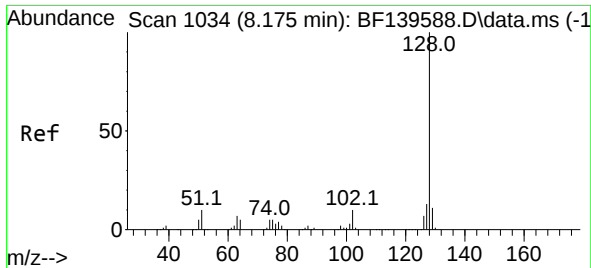
Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

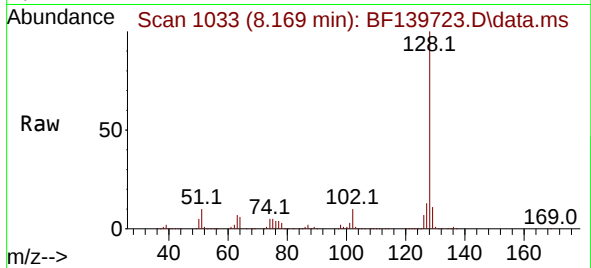
145 31.2 25.0 37.6





#31
Naphthalene
Concen: 48.480 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

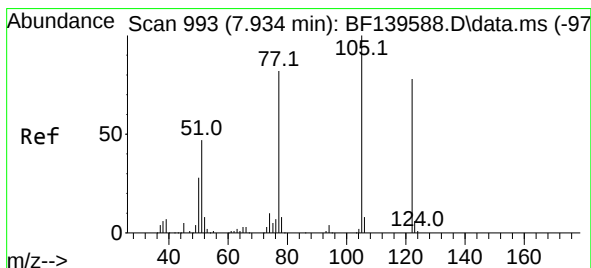
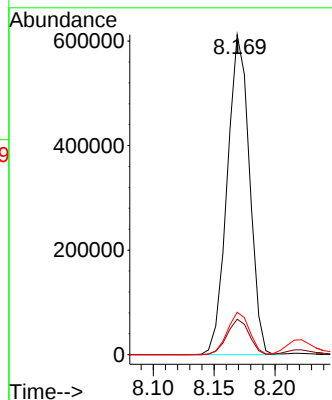
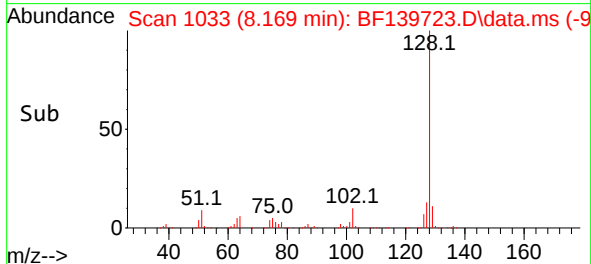
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



Tgt Ion:128 Resp: 777958
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7

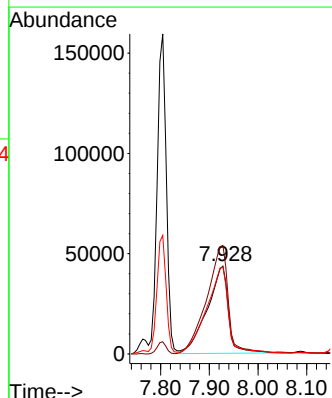
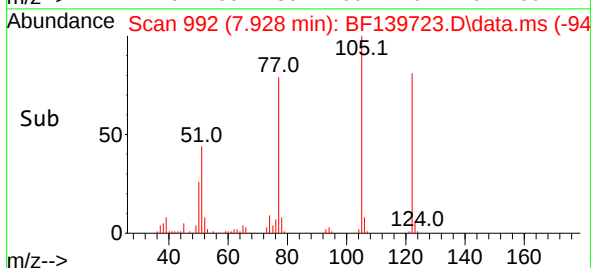
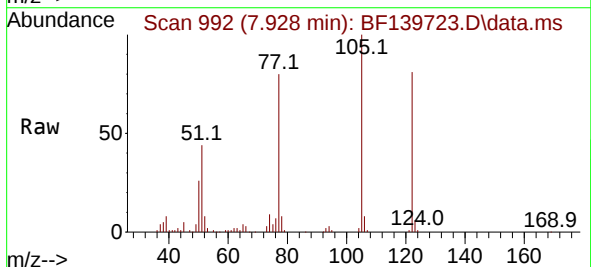
Manual Integrations
APPROVED

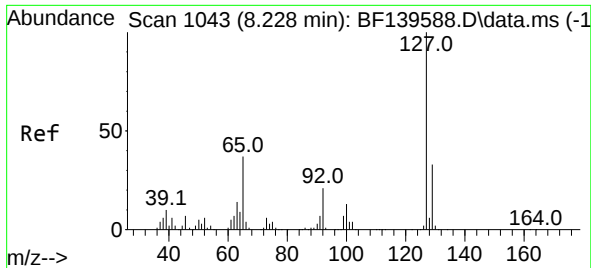
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#32
Benzoic acid
Concen: 39.129 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:122 Resp: 131439
Ion Ratio Lower Upper
122 100
105 123.5 104.9 144.9
77 99.1 82.7 122.7





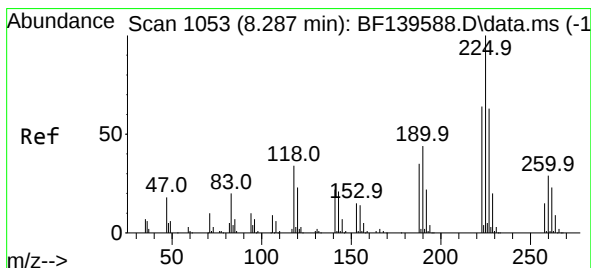
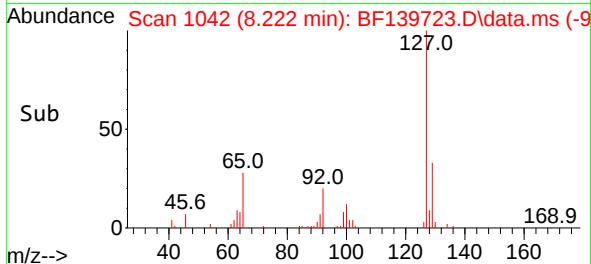
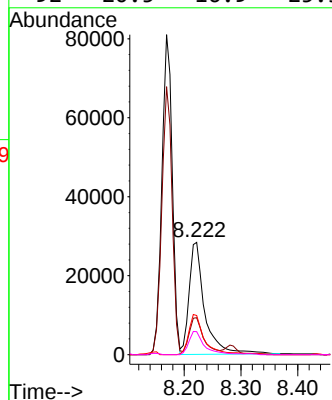
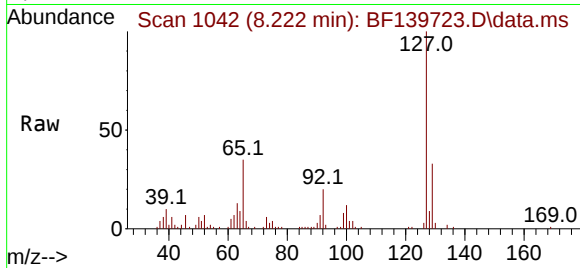
#33
4-Chloroaniline
Concen: 9.964 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion:	127	Resp:	54124
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.2	39.4
65	34.9	29.3	43.9
92	20.5	16.9	25.3

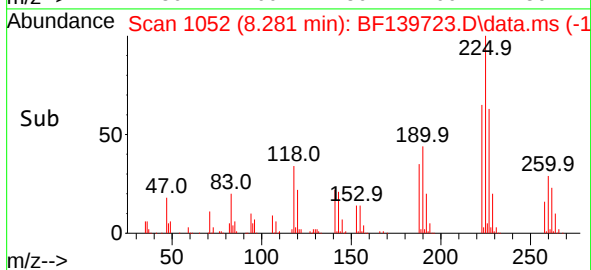
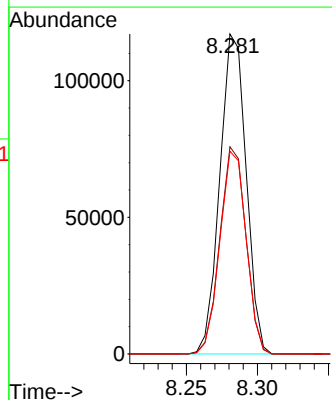
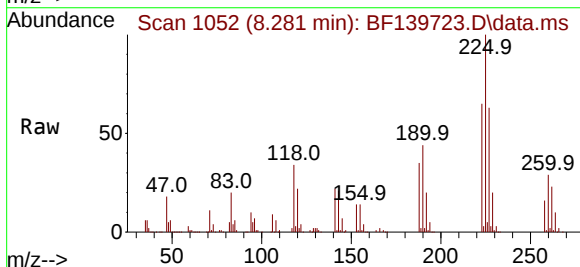
Manual Integrations
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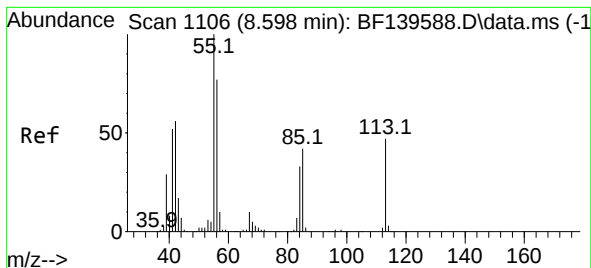
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#34
Hexachlorobutadiene
Concen: 46.804 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:	225	Resp:	150934
Ion Ratio	Lower	Upper	
225	100		
223	64.7	50.9	76.3
227	63.4	50.7	76.1





#35

Caprolactam

Concen: 49.931 ng m

RT: 8.592 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

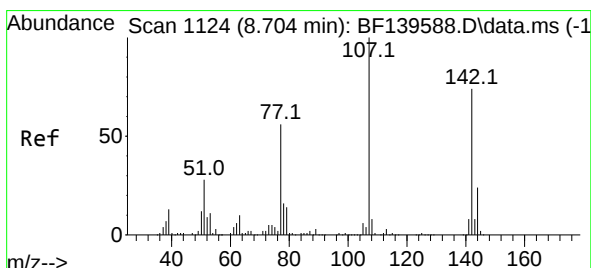
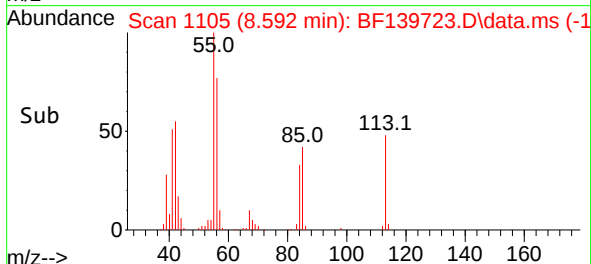
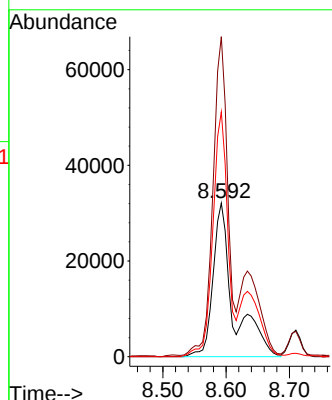
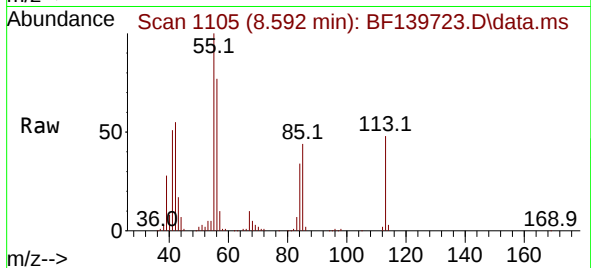
Tgt Ion:	113	Resp:	7216
Ion	Ratio	Lower	Upper
113	100		
55	208.2	193.4	233.4
56	159.4	143.8	183.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#36

4-Chloro-3-methylphenol

Concen: 48.303 ng

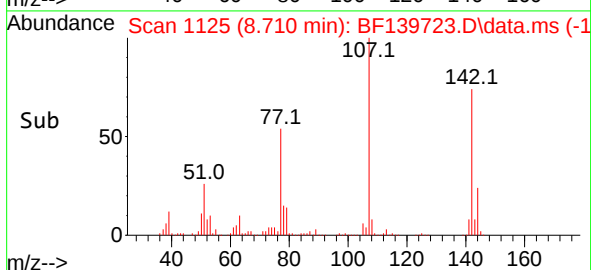
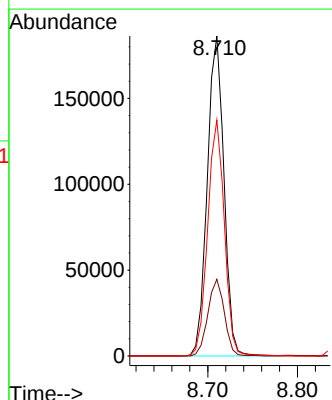
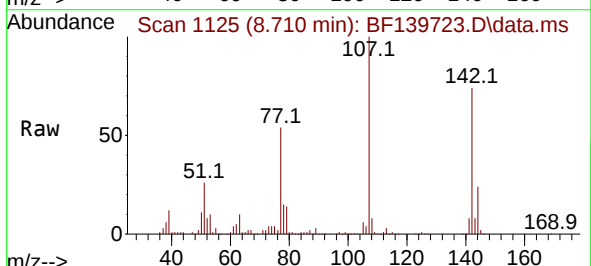
RT: 8.710 min Scan# 1125

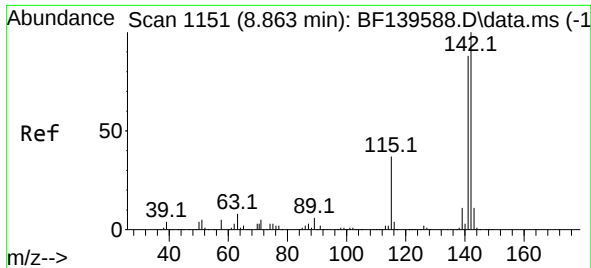
Delta R.T. 0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

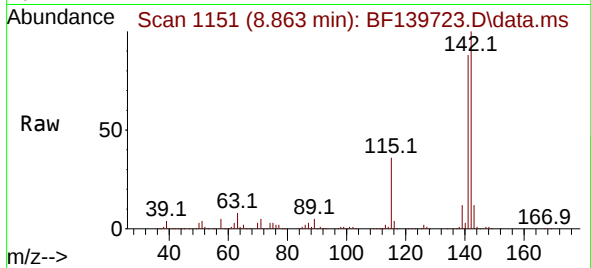
Tgt Ion:	107	Resp:	240936
Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.0	28.6
142	73.7	59.2	88.8





#37
2-Methylnaphthalene
Concen: 48.379 ng
RT: 8.863 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

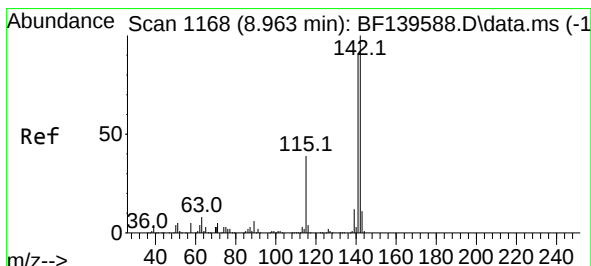
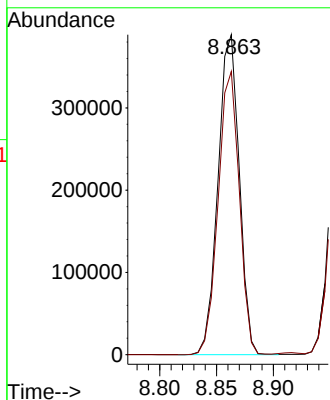
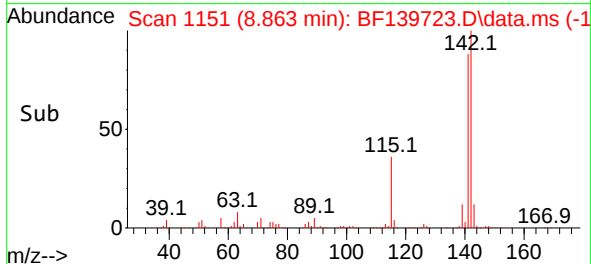
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



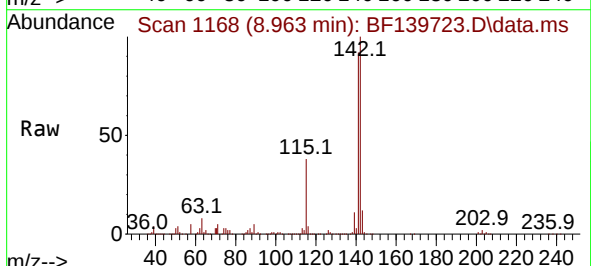
Tgt Ion:142 Resp: 505624
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6

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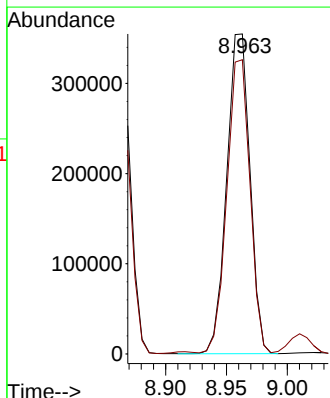
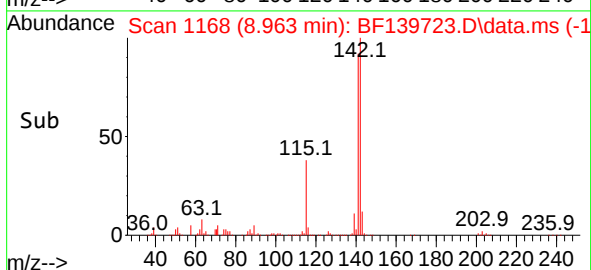
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

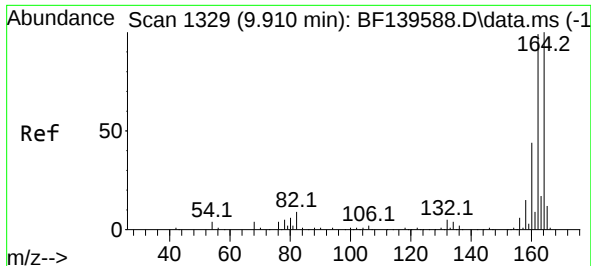


#38
1-Methylnaphthalene
Concen: 46.022 ng
RT: 8.963 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion:142 Resp: 470160
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4





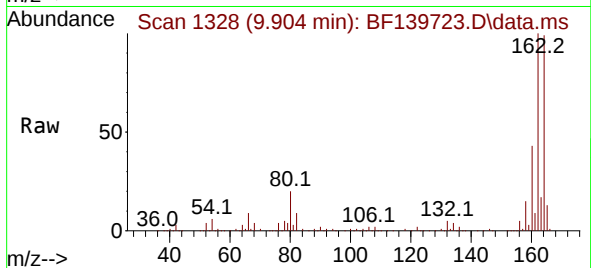
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11328
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD



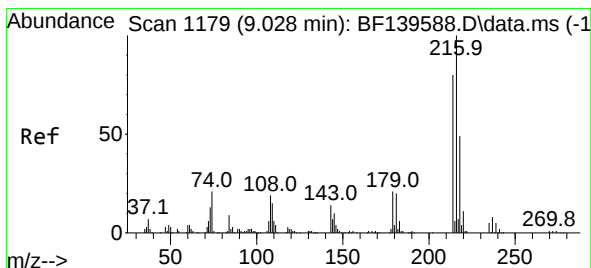
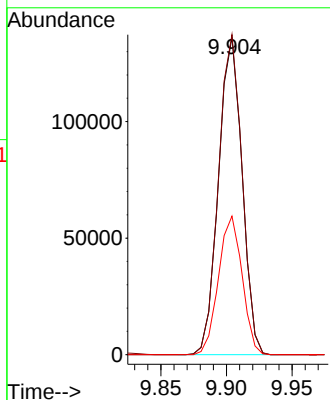
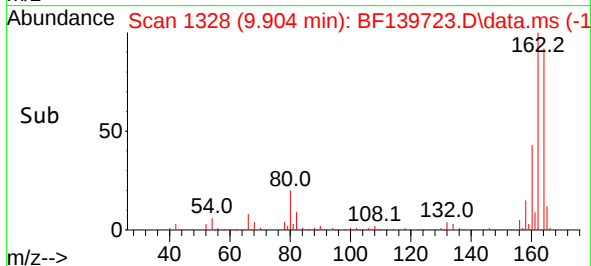
Tgt Ion:164 Resp: 169819
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.0
160 43.7 35.1 52.7

Manual Integrations

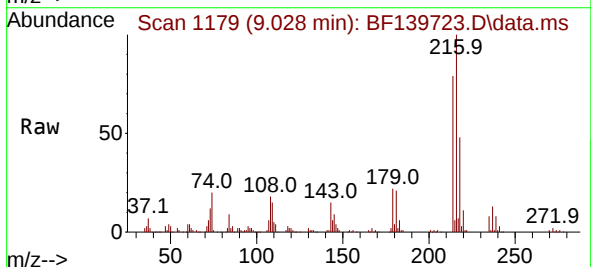
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

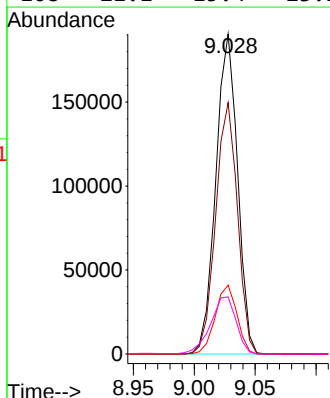
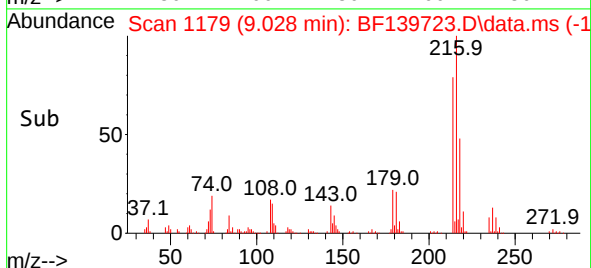
Supervised By :mohammad ahmed 10/10/2024

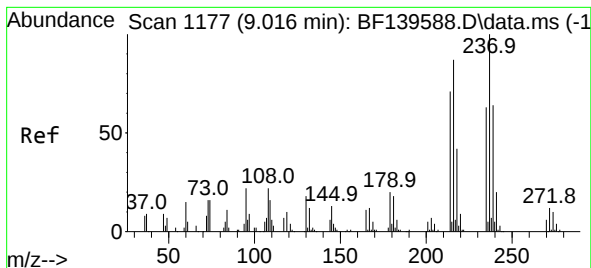


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.152 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion:216 Resp: 236497
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 21.5 16.9 25.3
108 21.1 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 163.962 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

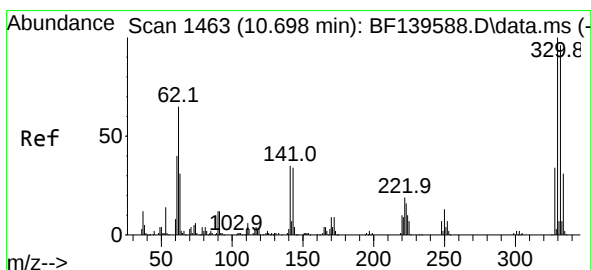
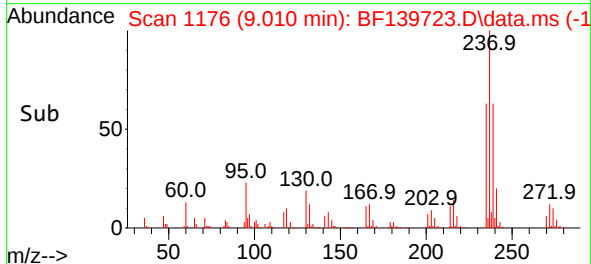
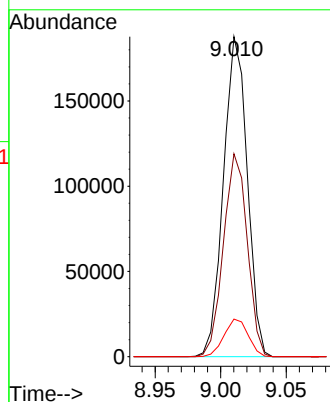
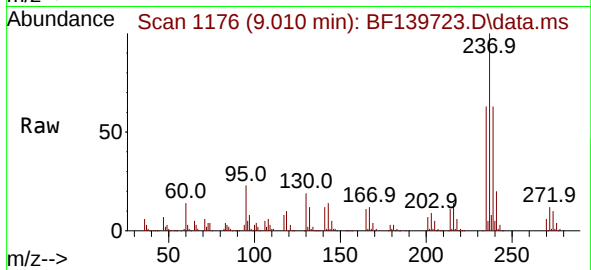
Tgt Ion:237	Resp:	237079
Ion Ratio	Lower	Upper
237	100	
235	63.4	42.5 82.5
272	11.8	0.0 32.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#42

2,4,6-Tribromophenol

Concen: 108.837 ng

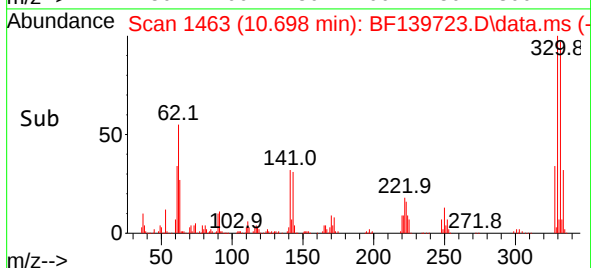
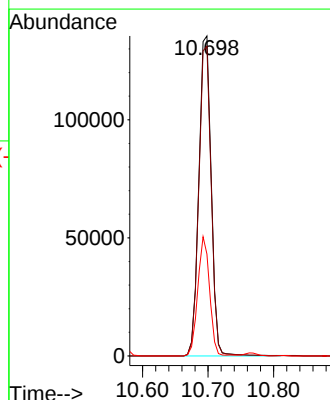
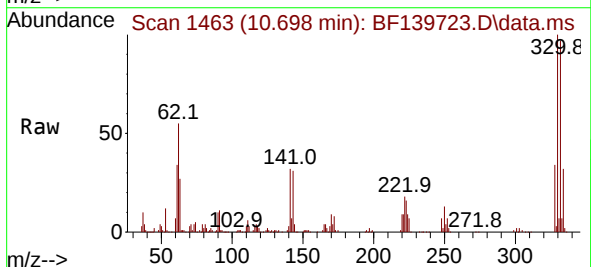
RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

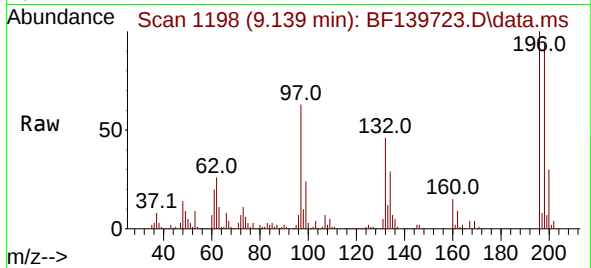
Tgt Ion:330	Resp:	178420
Ion Ratio	Lower	Upper
330	100	
332	96.7	76.5 114.7
141	35.7	29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 51.081 ng
RT: 9.139 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

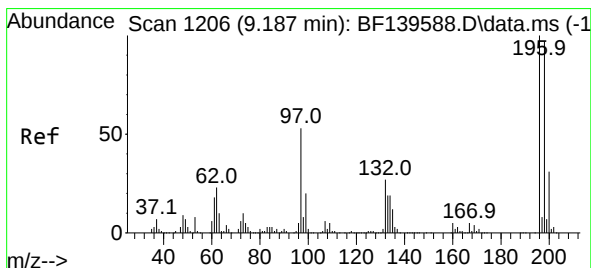
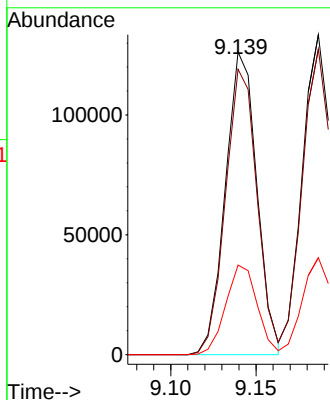
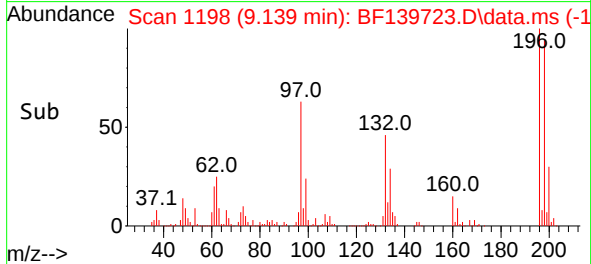
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



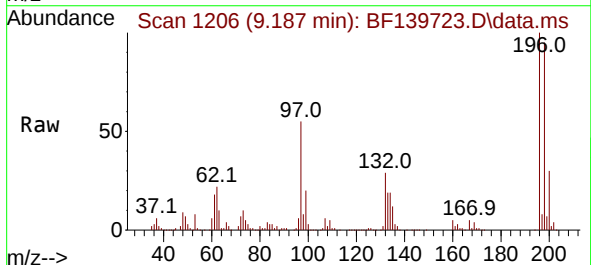
Tgt Ion:196 Resp: 162385
Ion Ratio Lower Upper
196 100
198 94.3 75.2 112.8
200 29.6 24.6 37.0

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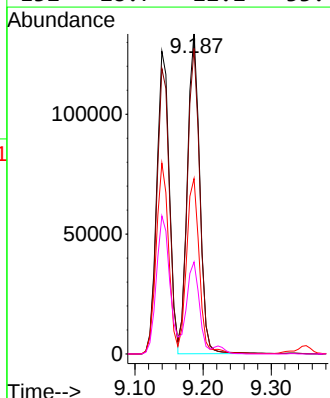
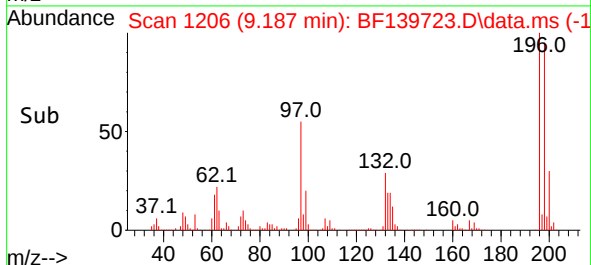
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

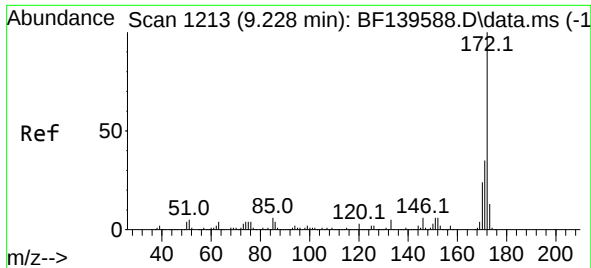


#44
2,4,5-Trichlorophenol
Concen: 48.631 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion:196 Resp: 166717
Ion Ratio Lower Upper
196 100
198 95.5 77.5 116.3
97 54.8 43.1 64.7
132 28.7 22.2 33.4





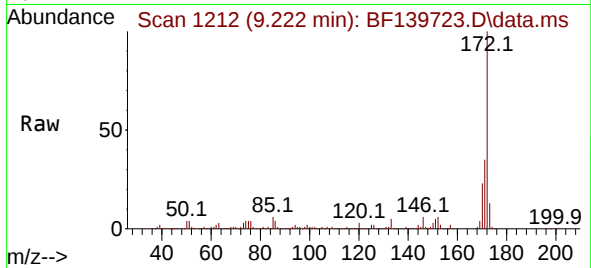
#45
2-Fluorobiphenyl
Concen: 76.041 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

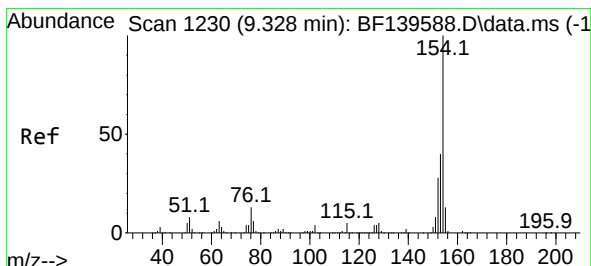
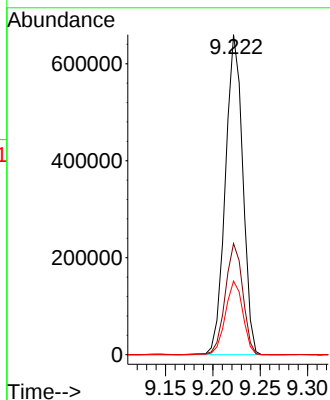
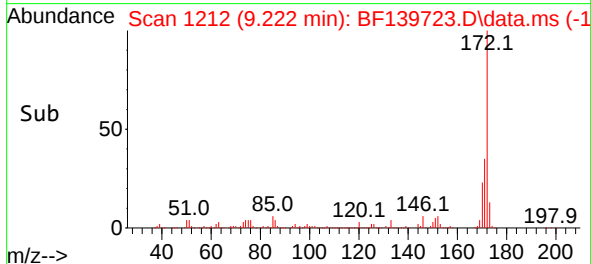


Tgt Ion:172 Resp: 84115
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.0 18.8 28.2

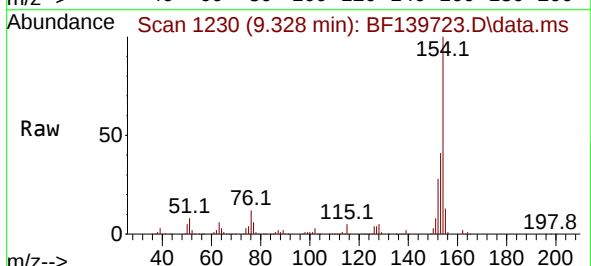
Manual Integrations

APPROVED

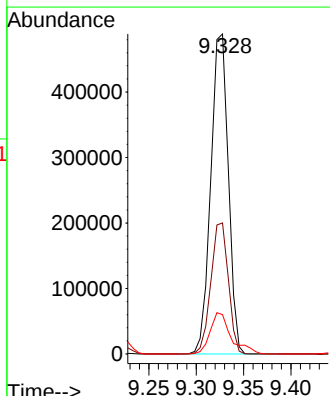
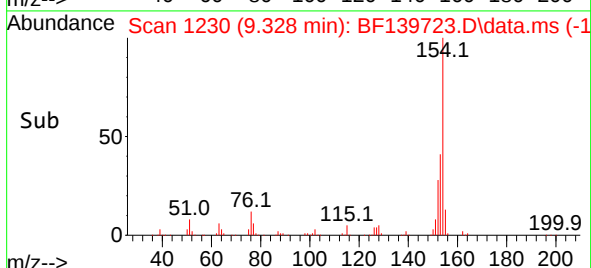
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#46
1,1'-Biphenyl
Concen: 49.728 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



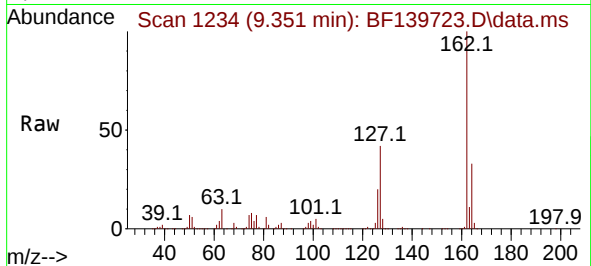
Tgt Ion:154 Resp: 628090
Ion Ratio Lower Upper
154 100
153 41.0 20.1 60.1
76 12.3 0.0 32.6





#47
2-Chloronaphthalene
Concen: 49.297 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

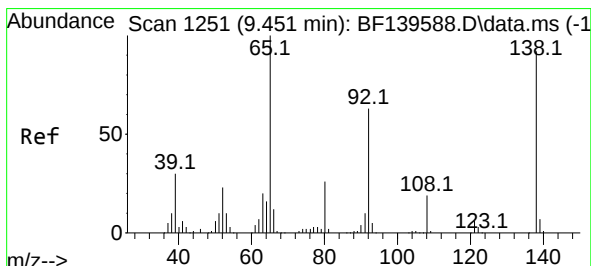
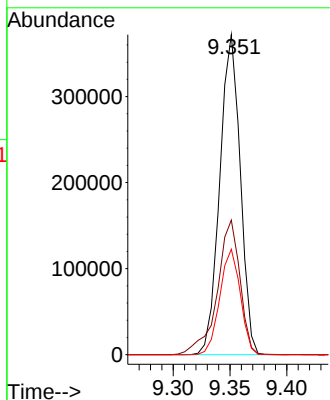
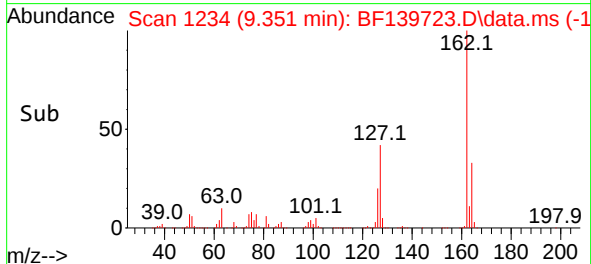
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



Tgt Ion:162 Resp: 466780
Ion Ratio Lower Upper
162 100
127 42.1 35.0 52.4
164 32.9 26.1 39.1

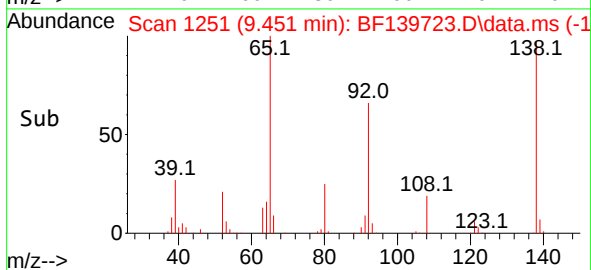
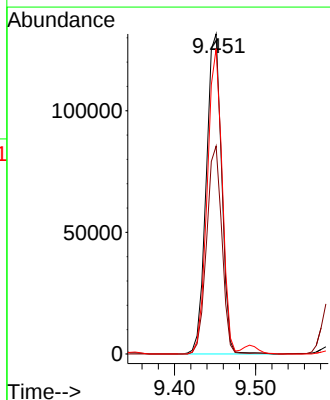
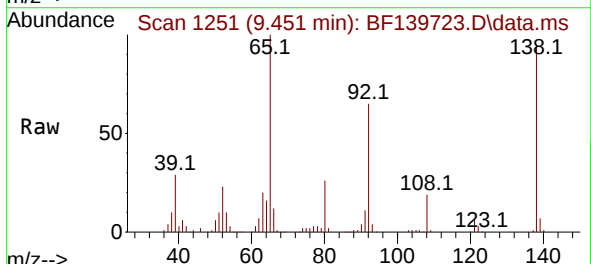
Manual Integrations
APPROVED

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



#48
2-Nitroaniline
Concen: 50.962 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

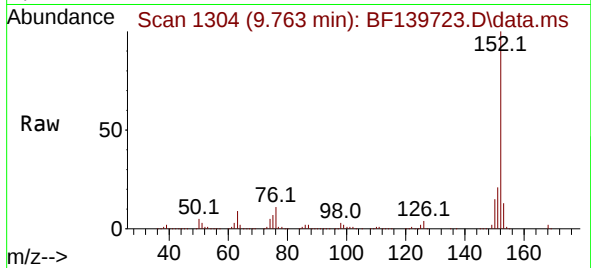
Tgt Ion: 65 Resp: 173223
Ion Ratio Lower Upper
65 100
92 65.0 50.0 75.0
138 95.4 73.8 110.8





#49
Acenaphthylene
Concen: 53.176 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

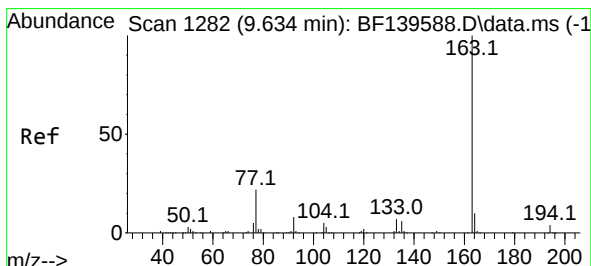
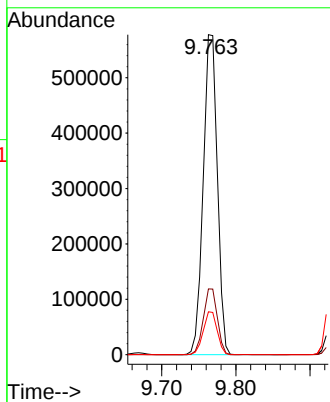
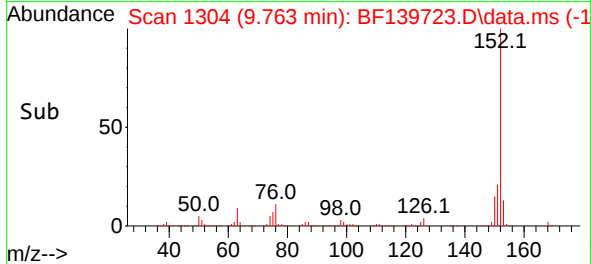
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



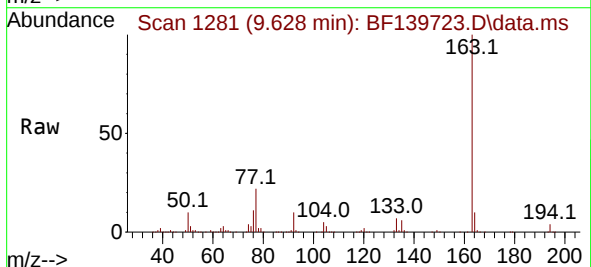
Tgt Ion:152 Resp: 765720
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.4 10.5 15.7

Manual Integrations
APPROVED

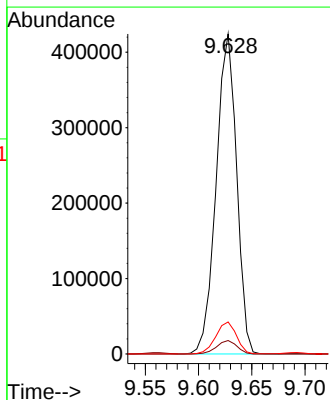
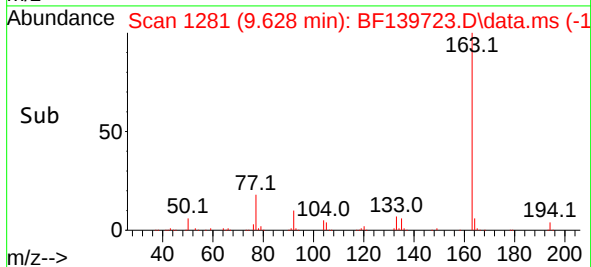
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#50
Dimethylphthalate
Concen: 50.861 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion:163 Resp: 565398
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.1 12.1





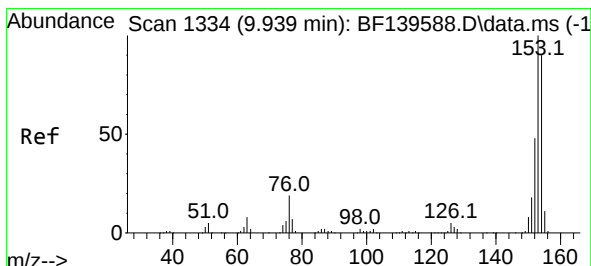
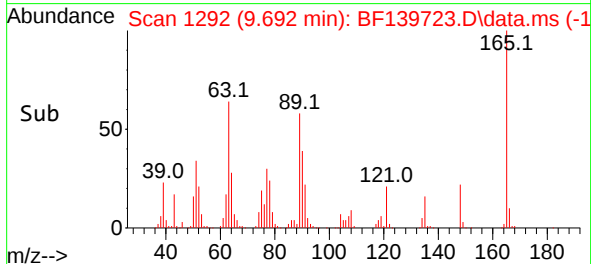
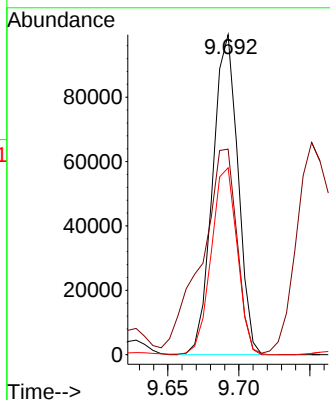
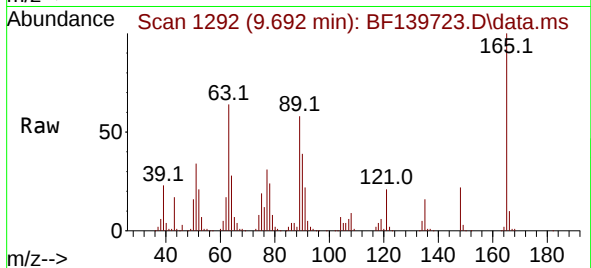
#51
2,6-Dinitrotoluene
Concen: 49.111 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion:165 Resp: 123320
Ion Ratio Lower Upper
165 100
63 64.3 56.7 85.1
89 58.4 51.6 77.4

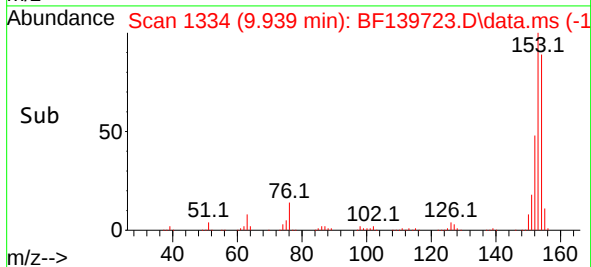
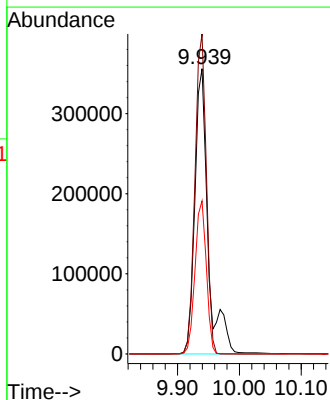
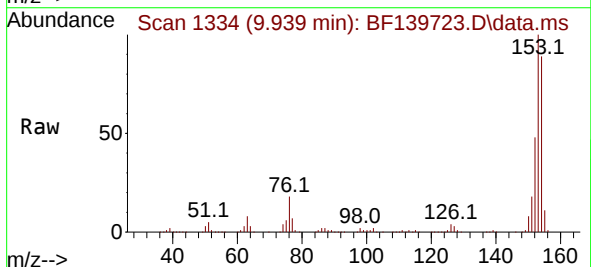
Manual Integrations
APPROVED

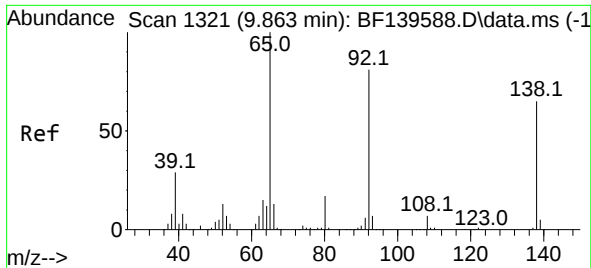
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#52
Acenaphthene
Concen: 53.703 ng m
RT: 9.939 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:154 Resp: 530888
Ion Ratio Lower Upper
154 100
153 112.2 88.8 133.2
152 53.7 42.5 63.7





#53
3-Nitroaniline
Concen: 24.826 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

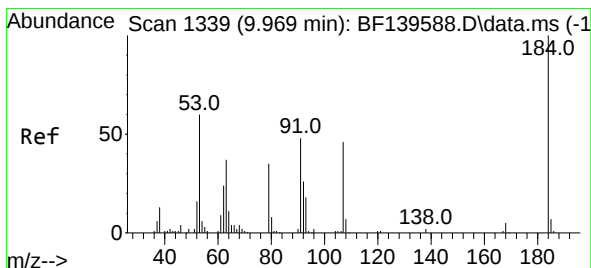
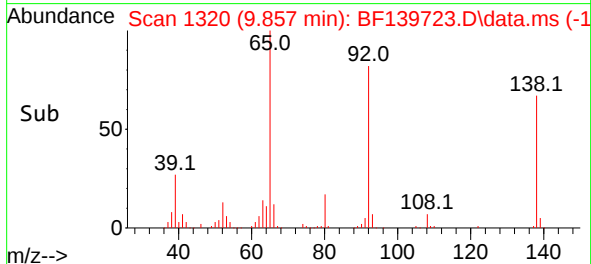
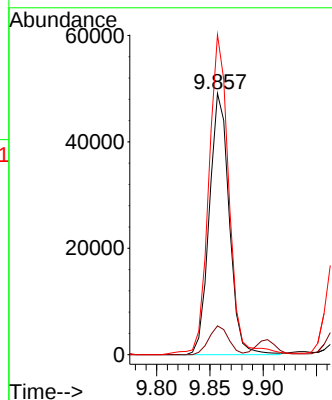
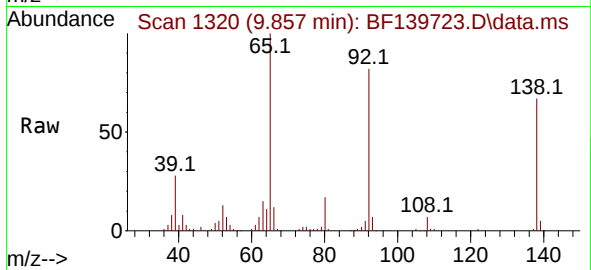
ClientSampleId :

1B-3MSD

Tgt Ion:138 Resp: 63708
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 122.5 100.0 150.0

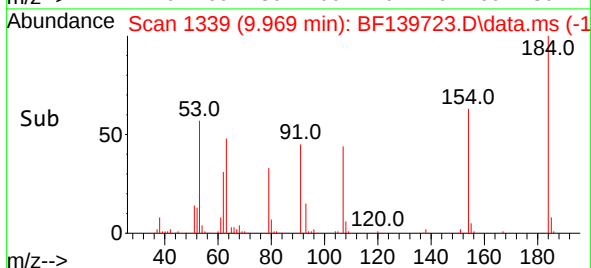
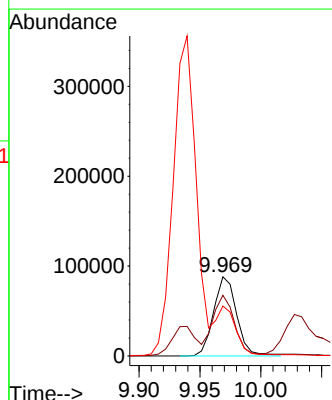
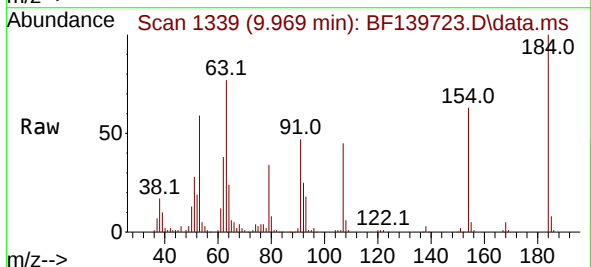
Manual Integrations
APPROVED

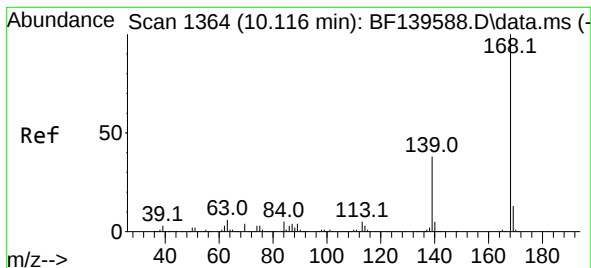
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#54
2,4-Dinitrophenol
Concen: 86.208 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:184 Resp: 116438
Ion Ratio Lower Upper
184 100
63 76.6 61.7 92.5
154 63.1 53.0 79.4





#55

Dibenzenofuran

Concen: 50.340 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion:168 Resp: 696758

Ion Ratio Lower Upper

168 100

139 38.0 30.4 45.6

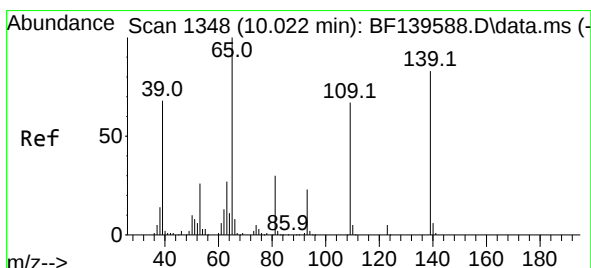
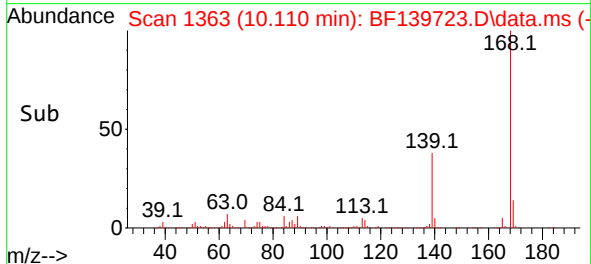
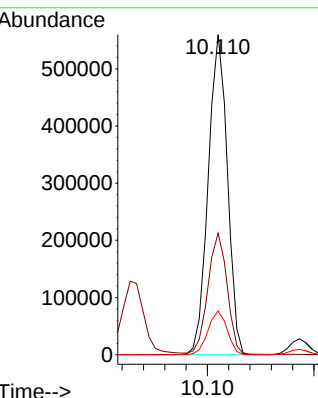
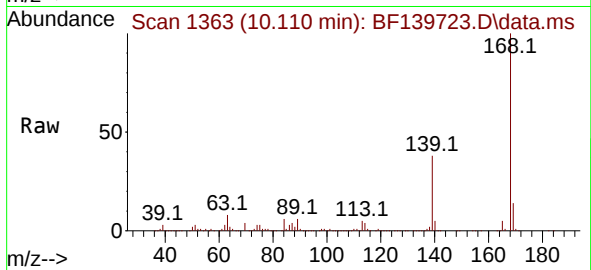
169 13.7 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#56

4-Nitrophenol

Concen: 95.897 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

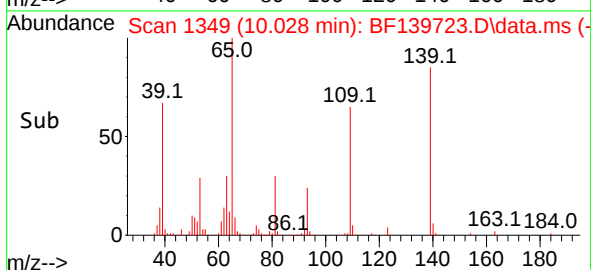
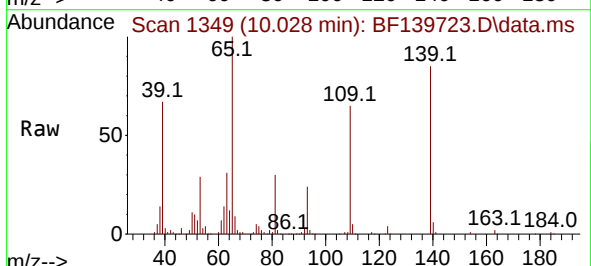
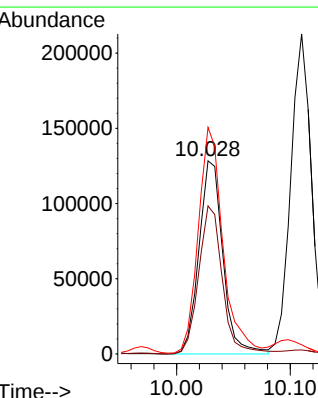
Tgt Ion:139 Resp: 187666

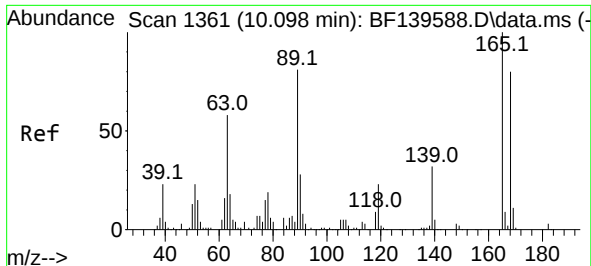
Ion Ratio Lower Upper

139 100

109 76.6 60.3 100.3

65 117.3 100.8 140.8





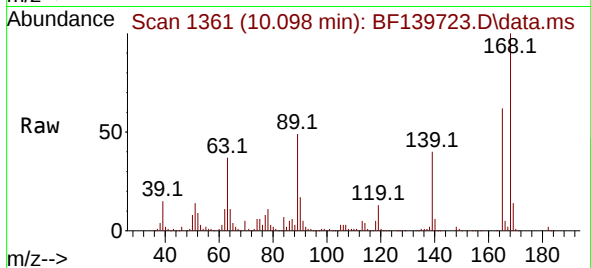
#57
2,4-Dinitrotoluene
Concen: 51.193 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD



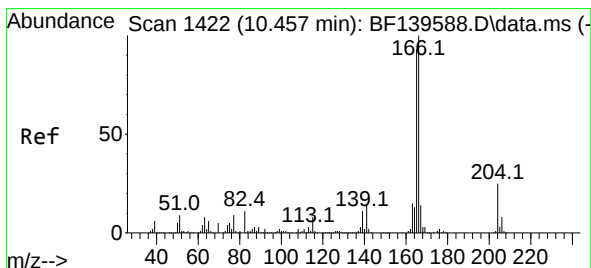
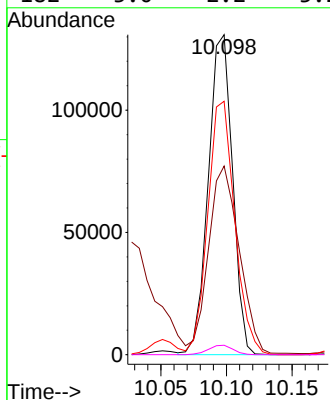
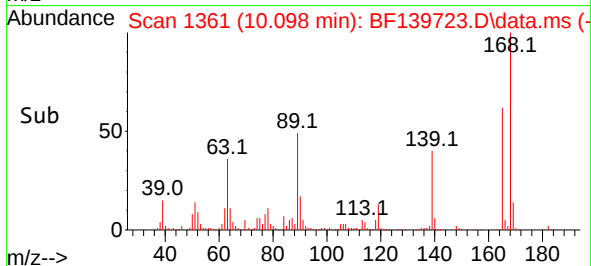
Tgt Ion:165 Resp: 168035
Ion Ratio Lower Upper
165 100
63 59.0 46.9 70.3
89 79.2 64.4 96.6
182 3.0 2.2 3.2

Manual Integrations

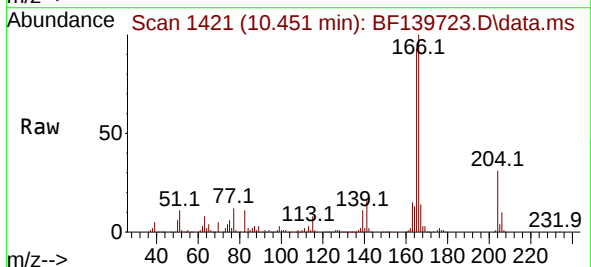
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

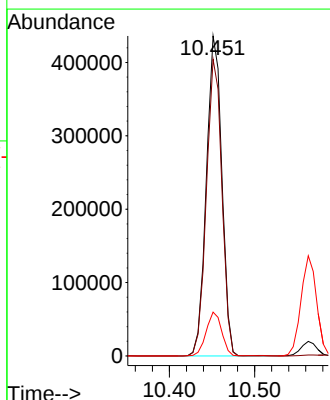
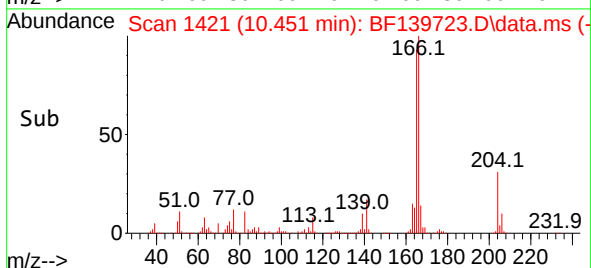
Supervised By :mohammad ahmed 10/10/2024

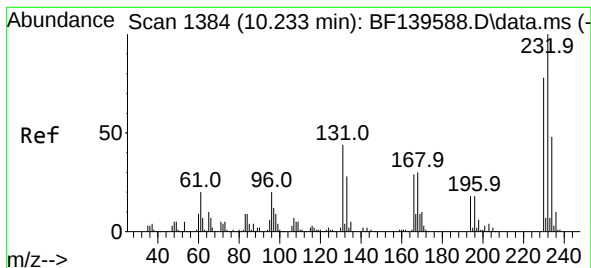


#58
Fluorene
Concen: 49.919 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



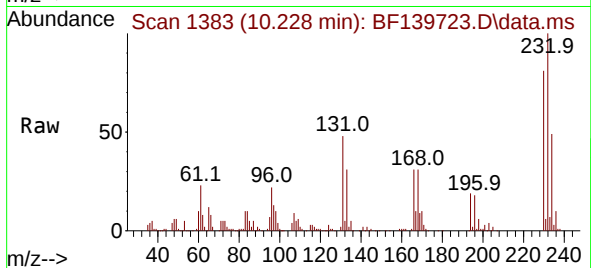
Tgt Ion:166 Resp: 550321
Ion Ratio Lower Upper
166 100
165 92.7 74.4 111.6
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.905 ng
RT: 10.228 min Scan# 1383
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

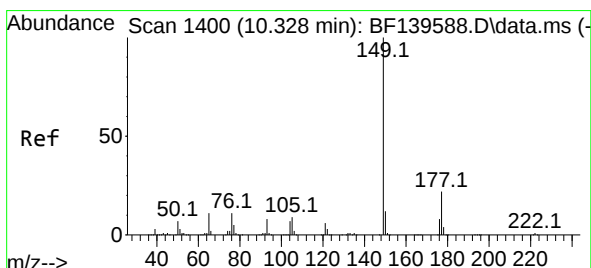
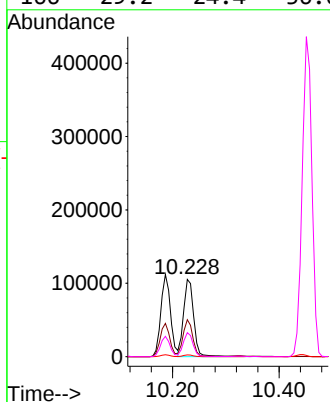
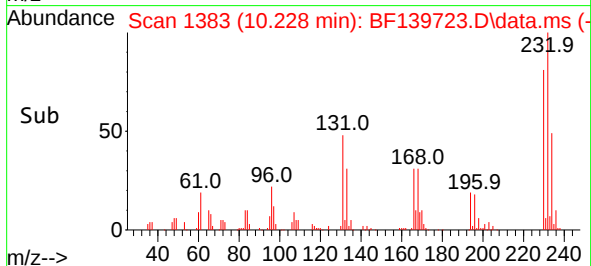
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



Tgt Ion:232 Resp: 138184
Ion Ratio Lower Upper
232 100
131 45.8 37.8 56.6
130 2.3 1.9 2.9
166 29.2 24.4 36.6

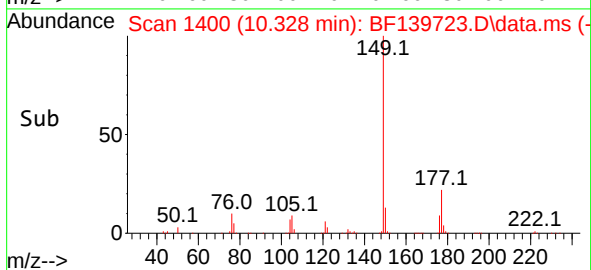
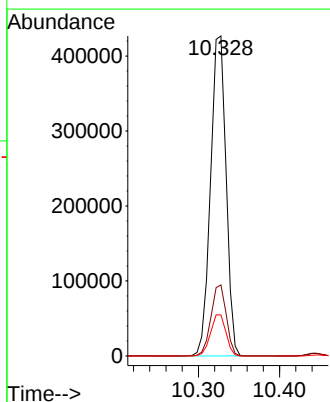
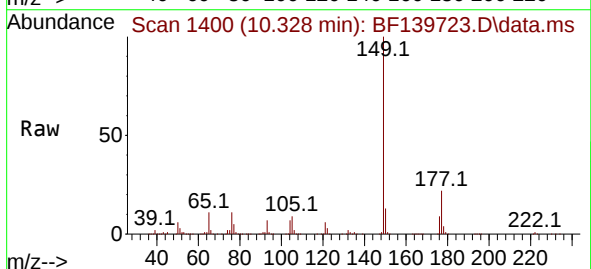
Manual Integrations
APPROVED

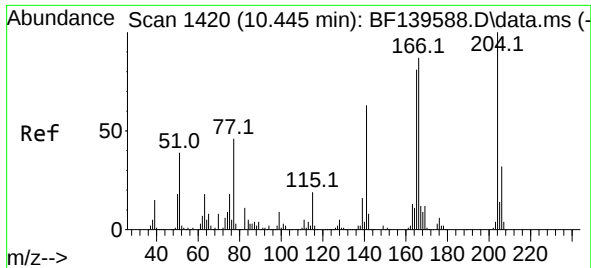
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#60
Diethylphthalate
Concen: 49.372 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

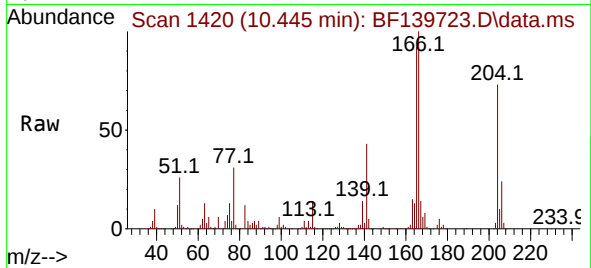
Tgt Ion:149 Resp: 566890
Ion Ratio Lower Upper
149 100
177 22.2 17.4 26.0
150 12.8 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.683 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

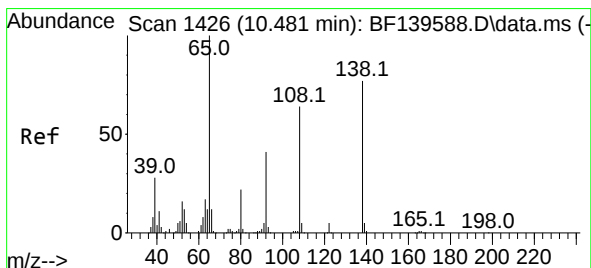
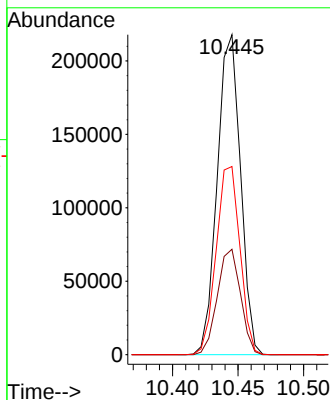
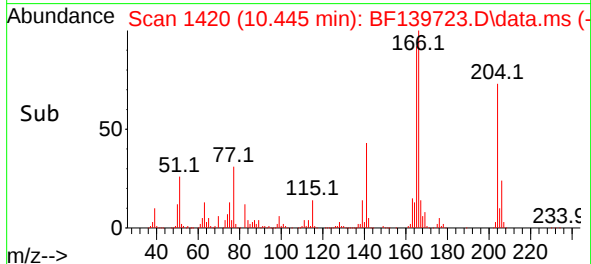
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



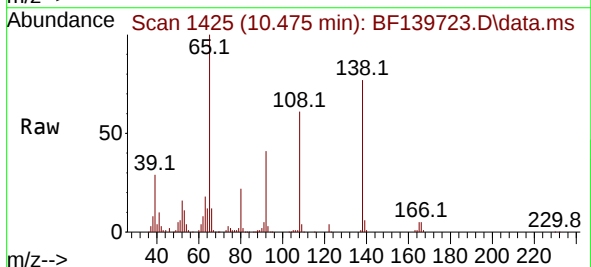
Tgt Ion:204 Resp: 26850
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 58.8 50.5 75.7

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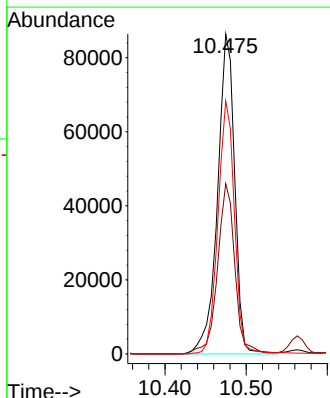
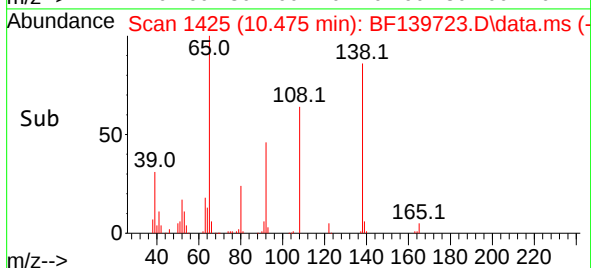
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

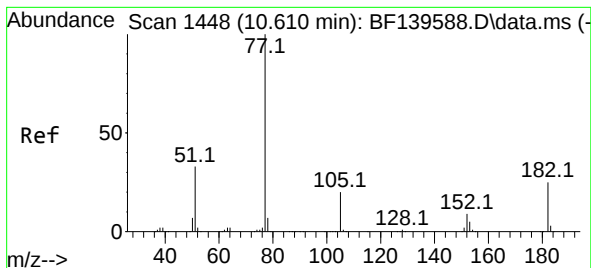


#62
4-Nitroaniline
Concen: 48.513 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion:138 Resp: 127343
Ion Ratio Lower Upper
138 100
92 53.2 33.3 73.3
108 79.1 62.1 102.1





#63

Azobenzene

Concen: 58.881 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion: 77 Resp: 67990

Ion Ratio Lower Upper

77 100

182 24.9 4.2 44.2

105 23.5 0.0 39.6

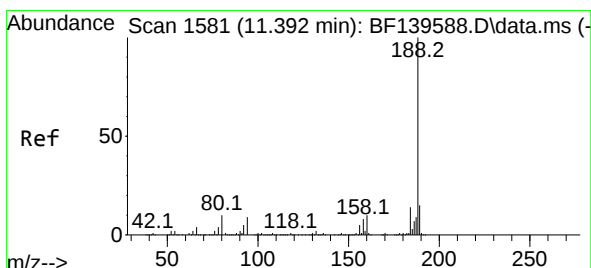
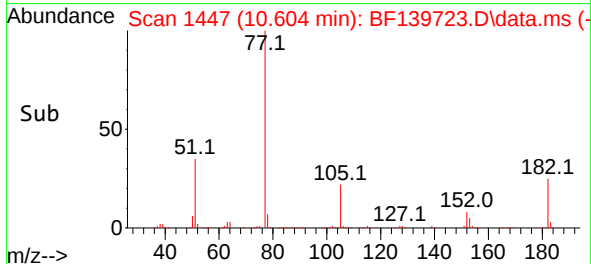
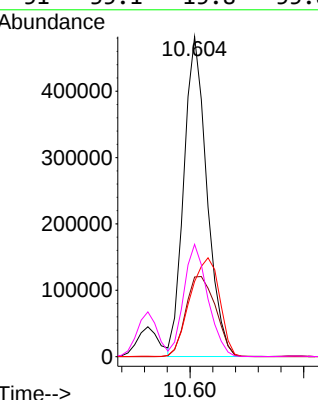
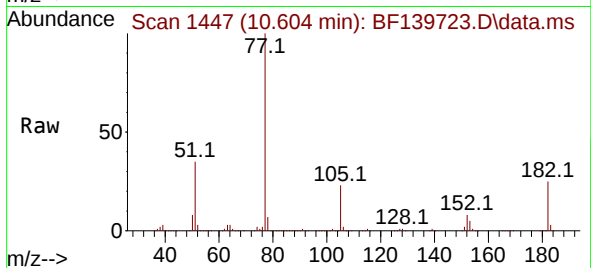
51 35.1 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

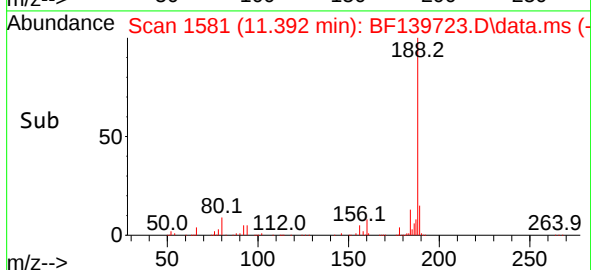
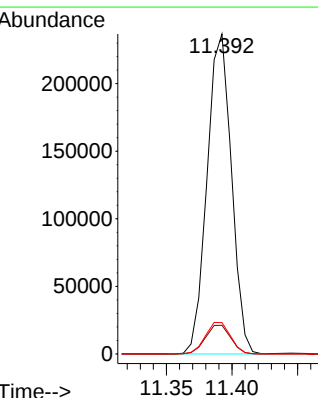
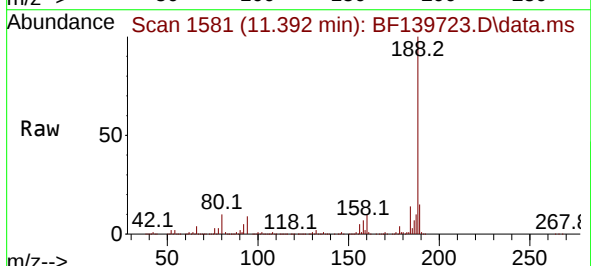
Tgt Ion:188 Resp: 306170

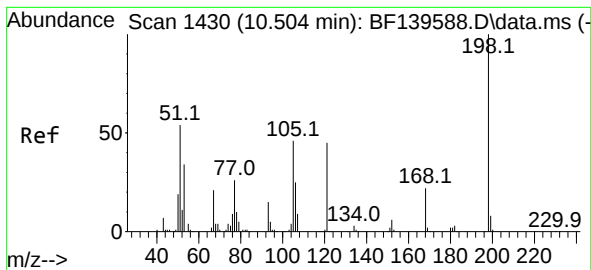
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.8 8.2 12.2





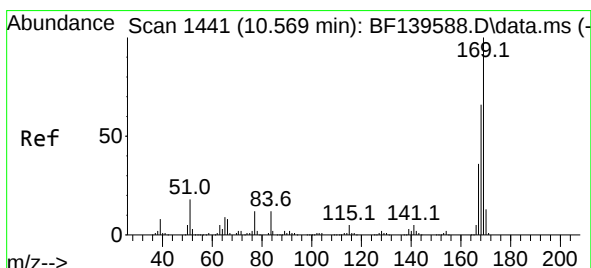
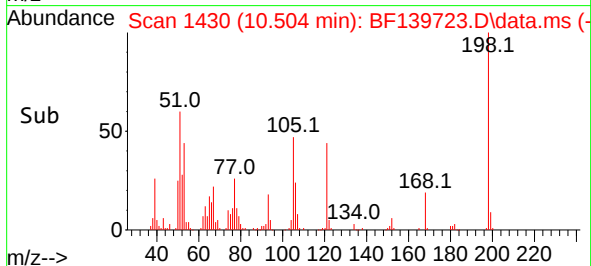
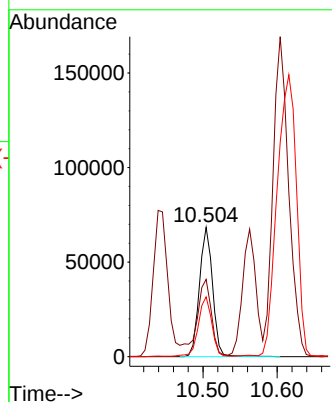
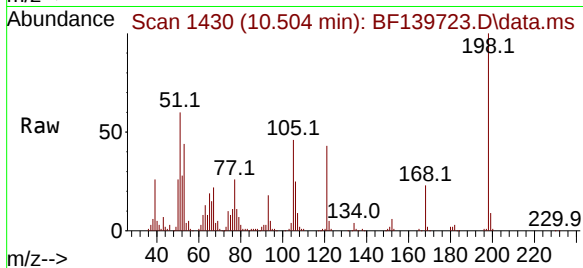
#65
4,6-Dinitro-2-methylphenol
Concen: 48.863 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion:198 Resp: 84494
Ion Ratio Lower Upper
198 100
51 59.7 43.0 83.0
105 46.3 26.6 66.6

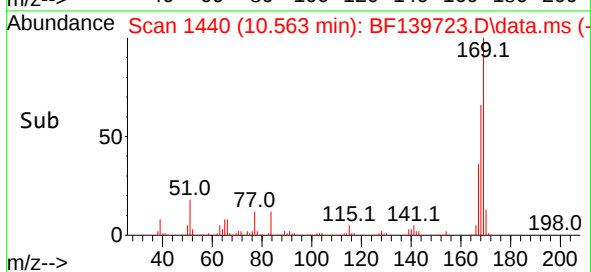
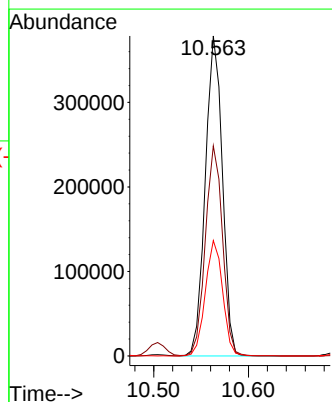
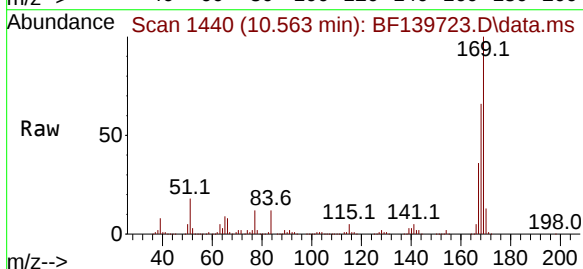
Manual Integrations
APPROVED

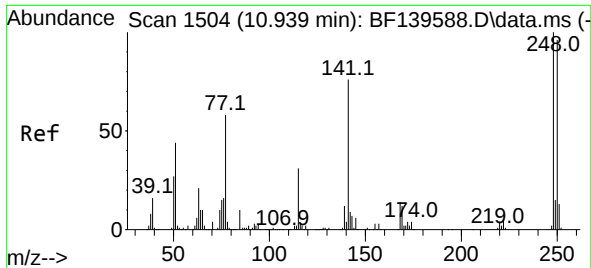
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#66
n-Nitrosodiphenylamine
Concen: 52.659 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:169 Resp: 475233
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 36.1 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 49.997 ng
RT: 10.933 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

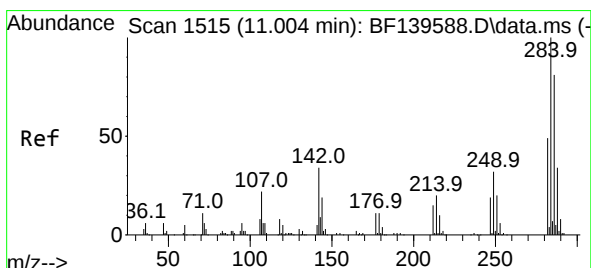
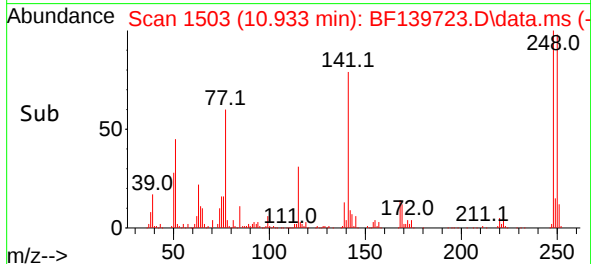
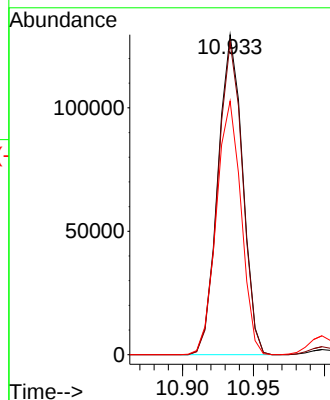
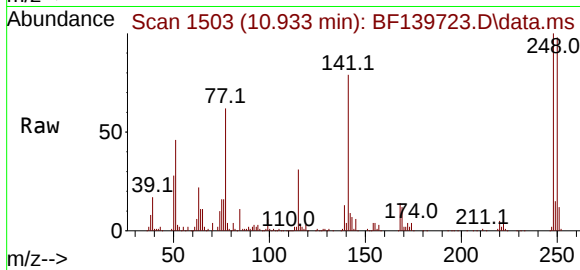
1B-3MSD

Tgt Ion:248 Resp: 15695
Ion Ratio Lower Upper
248 100
250 97.6 77.1 115.7
141 79.3 60.4 90.6

Manual Integrations

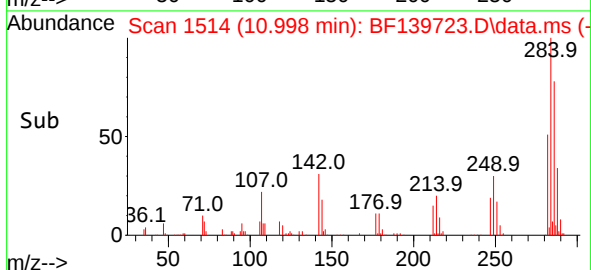
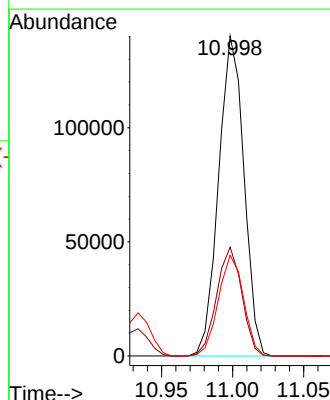
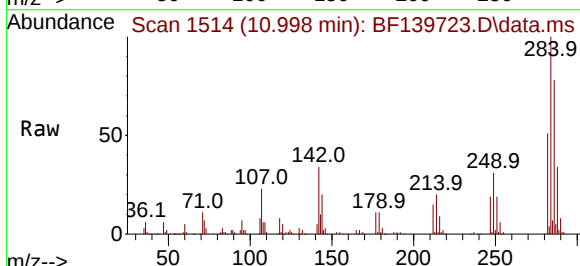
APPROVED

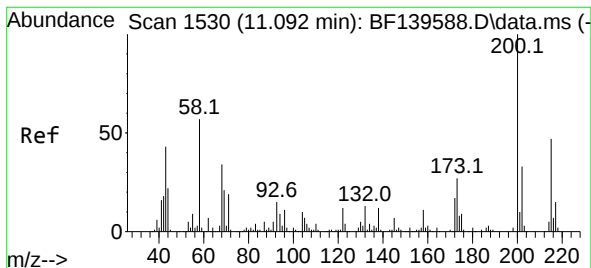
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#68
Hexachlorobenzene
Concen: 49.911 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:284 Resp: 173859
Ion Ratio Lower Upper
284 100
142 34.0 26.9 40.3
249 31.5 25.4 38.0





#69

Atrazine

Concen: 62.291 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion:200 Resp: 15083

Ion Ratio Lower Upper

200 100

173 27.8 6.7 46.7

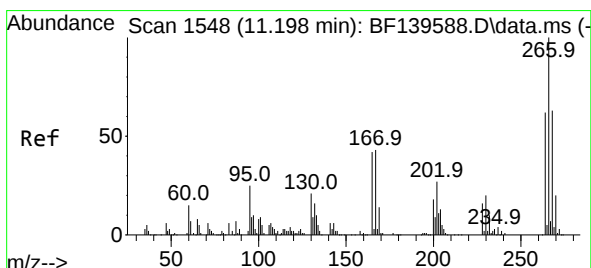
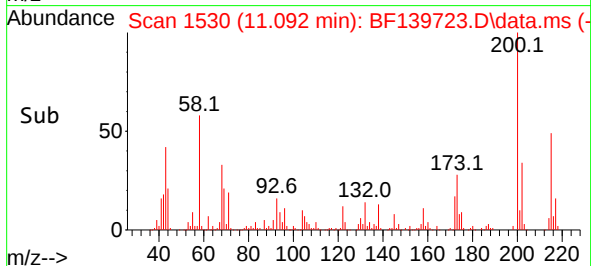
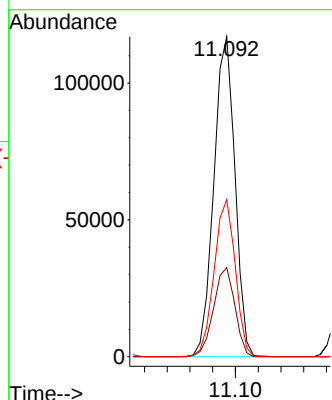
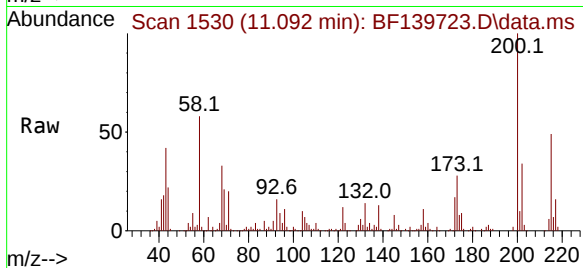
215 49.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#70

Pentachlorophenol

Concen: 86.162 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

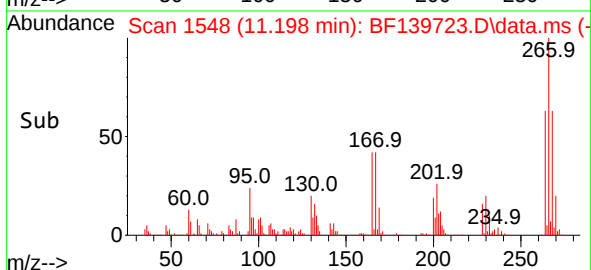
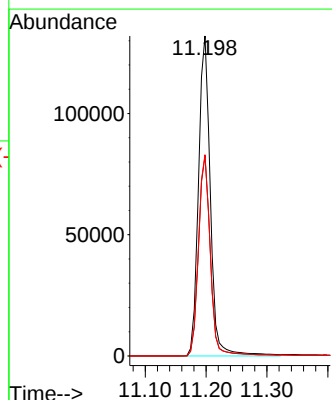
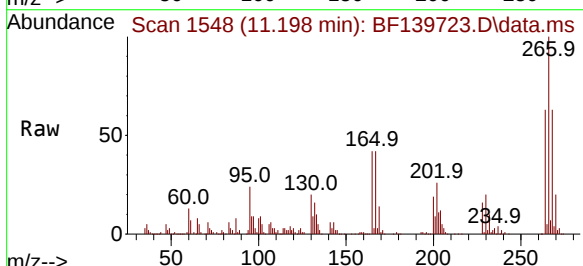
Tgt Ion:266 Resp: 178714

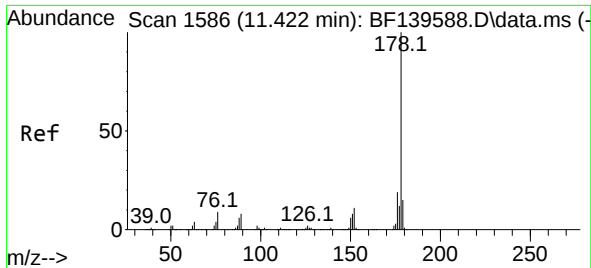
Ion Ratio Lower Upper

266 100

268 62.6 50.0 75.0

264 62.9 49.3 73.9





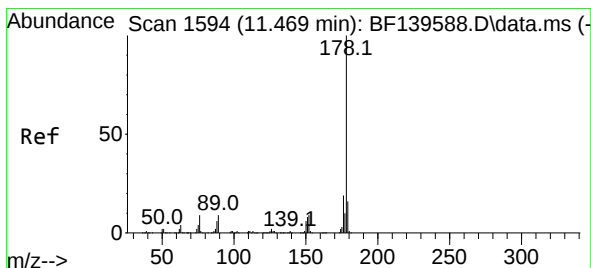
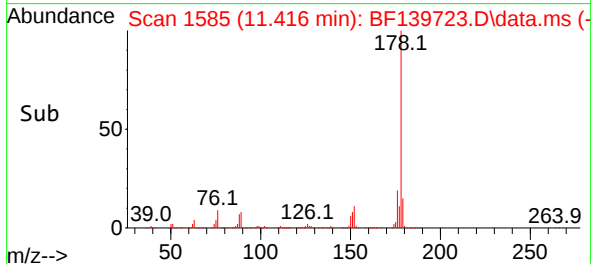
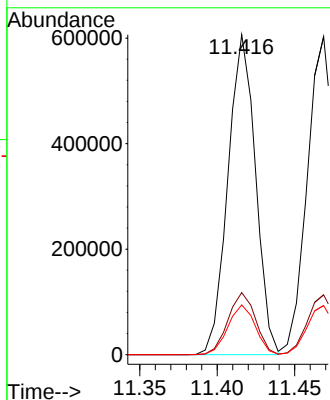
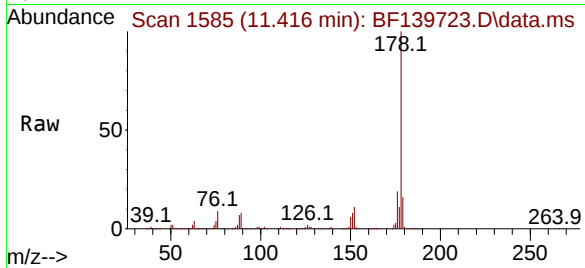
#71
Phenanthrene
Concen: 51.956 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion:178 Resp: 750039
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.3 18.5

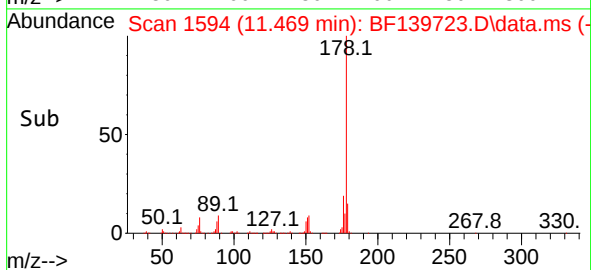
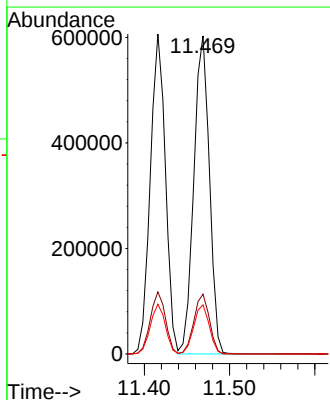
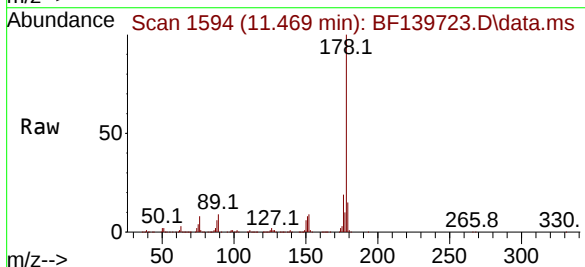
Manual Integrations
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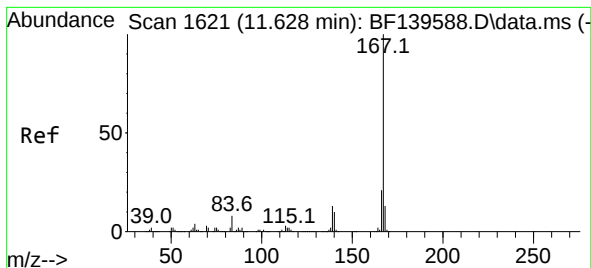
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#72
Anthracene
Concen: 53.521 ng
RT: 11.469 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

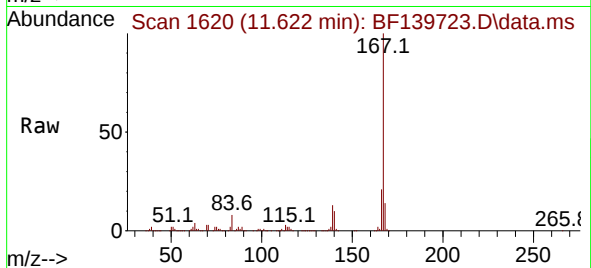
Tgt Ion:178 Resp: 764374
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.4 12.5 18.7





#73
Carbazole
Concen: 49.999 ng
RT: 11.622 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

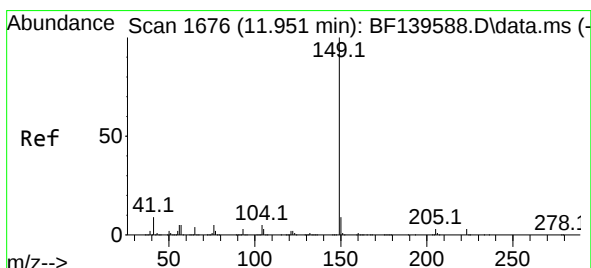
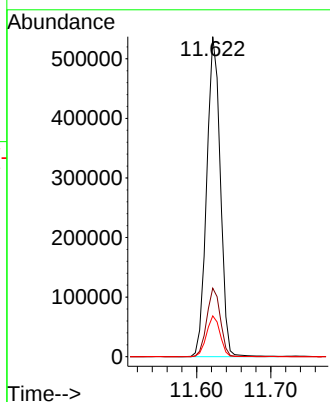
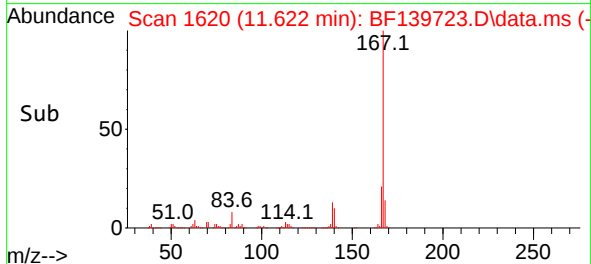
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



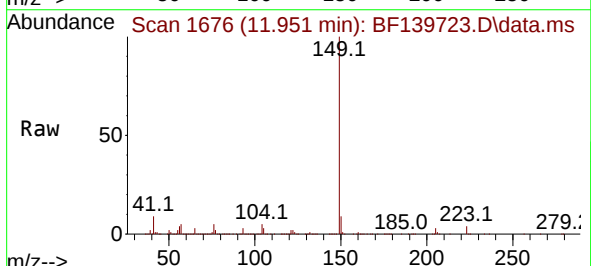
Tgt Ion:167 Resp: 68583
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.8 10.3 15.5

Manual Integrations
APPROVED

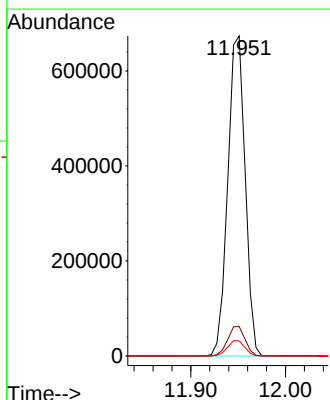
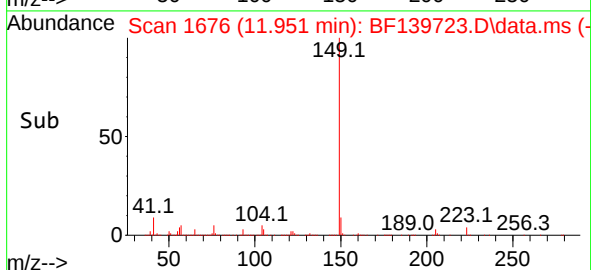
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

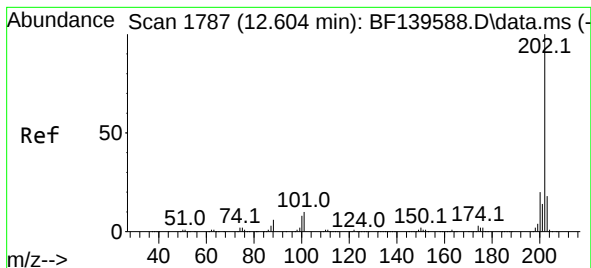


#74
Di-n-butylphthalate
Concen: 51.638 ng
RT: 11.951 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion:149 Resp: 861336
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.7 4.1 6.1





#75

Fluoranthene

Concen: 47.844 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion:202 Resp: 75502

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.2

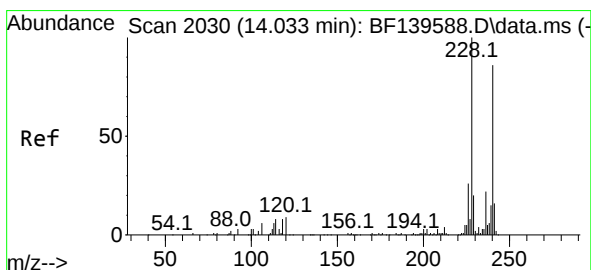
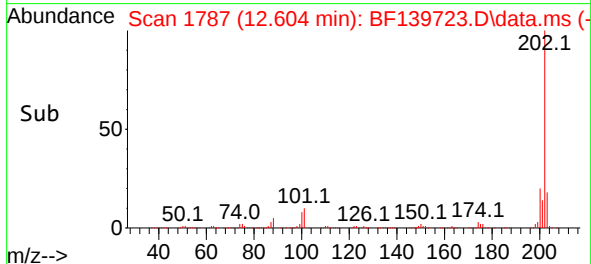
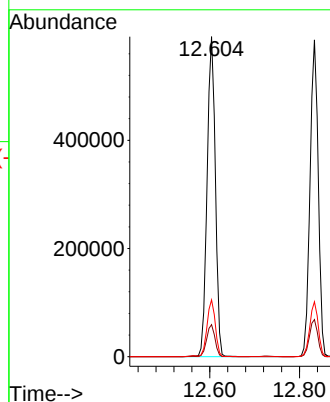
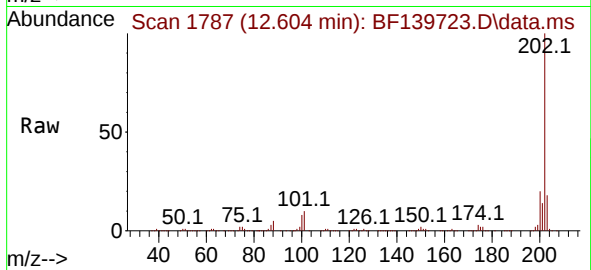
203 17.8 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

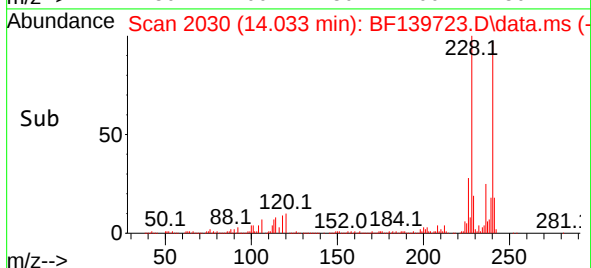
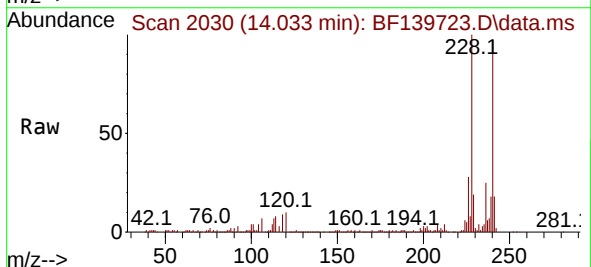
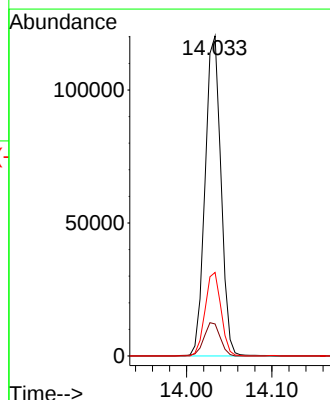
Tgt Ion:240 Resp: 155284

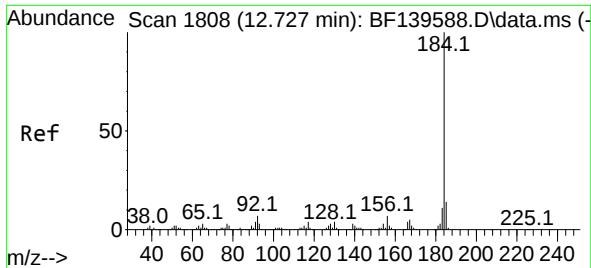
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

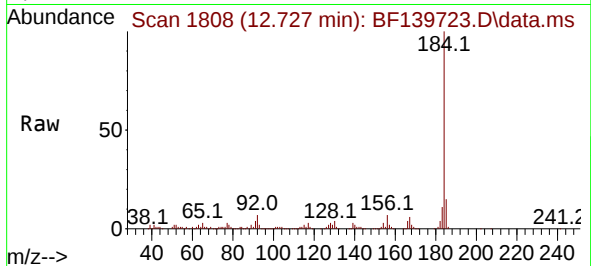
236 26.1 20.3 30.5





#77
Benzidine
Concen: 70.977 ng
RT: 12.727 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

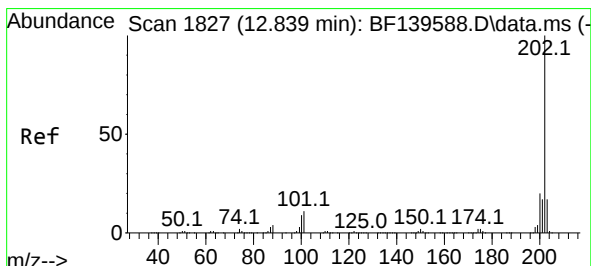
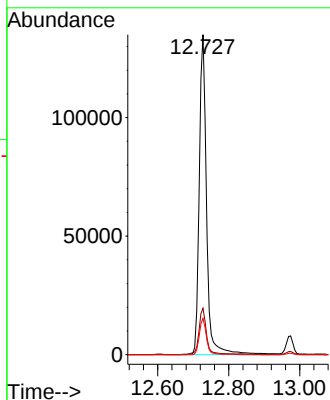
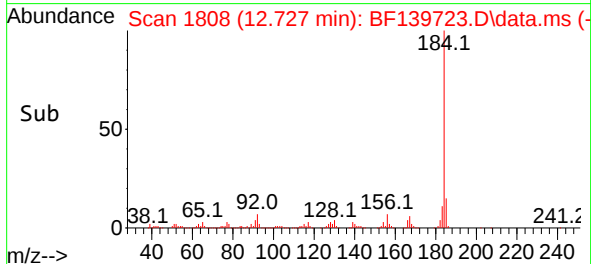
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



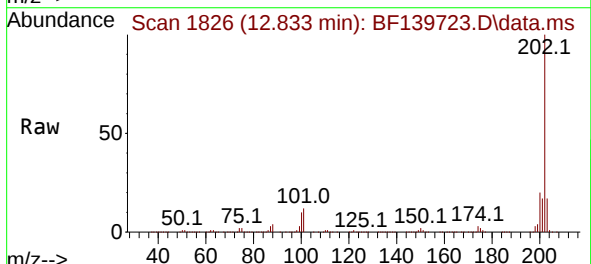
Tgt Ion:184 Resp: 19440
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 11.3 8.8 13.2

Manual Integrations
APPROVED

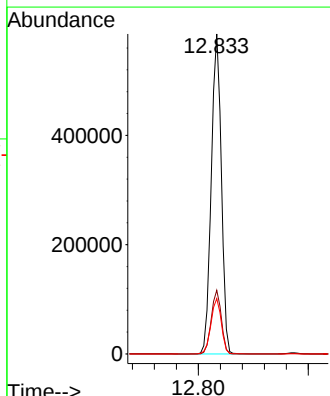
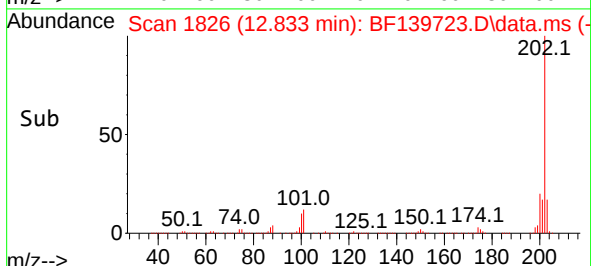
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#78
Pyrene
Concen: 53.680 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion:202 Resp: 745528
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.6
203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 77.572 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion:244 Resp: 73412

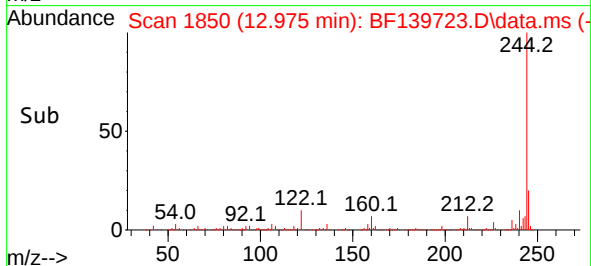
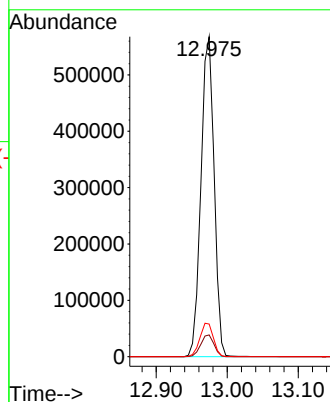
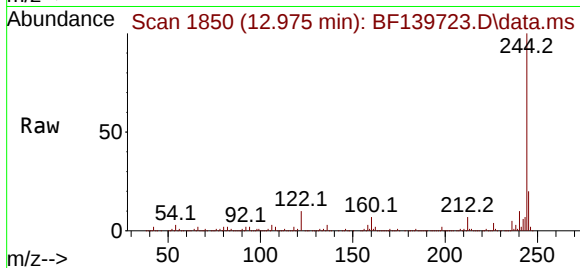
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	10.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#80

Butylbenzylphthalate

Concen: 57.152 ng

RT: 13.445 min Scan# 1930

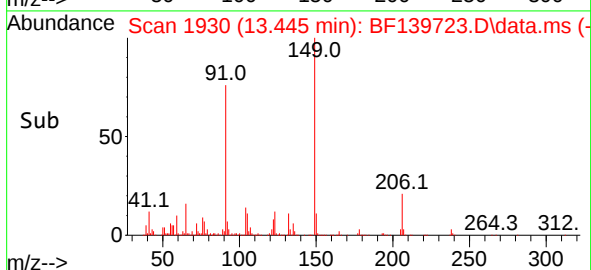
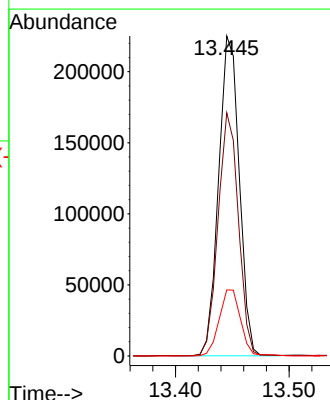
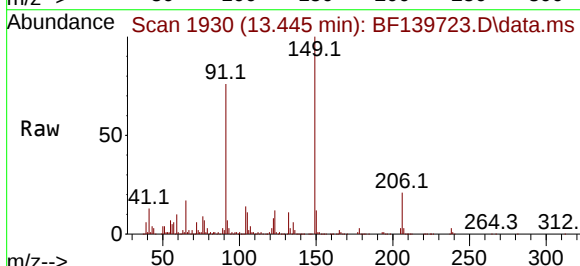
Delta R.T. -0.006 min

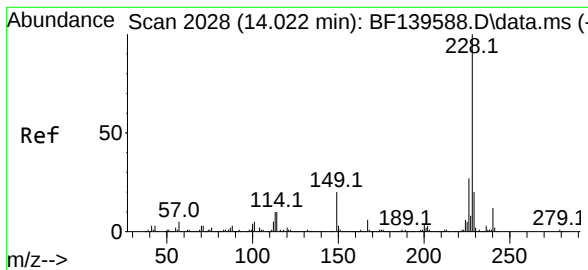
Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Tgt Ion:149 Resp: 283920

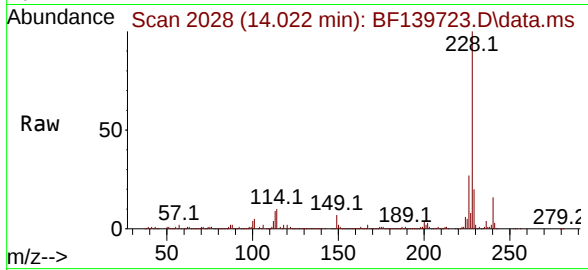
Ion	Ratio	Lower	Upper
149	100		
91	76.0	61.0	91.4
206	20.6	16.6	24.8





#81
Benzo(a)anthracene
Concen: 52.290 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

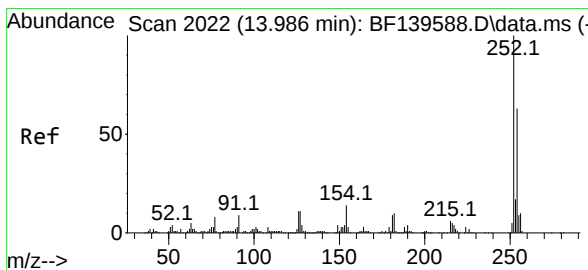
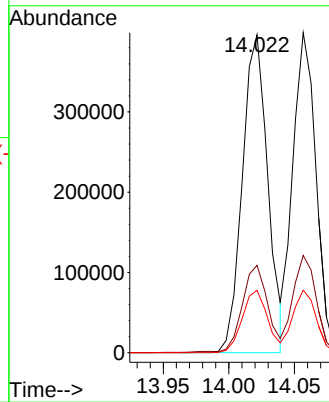
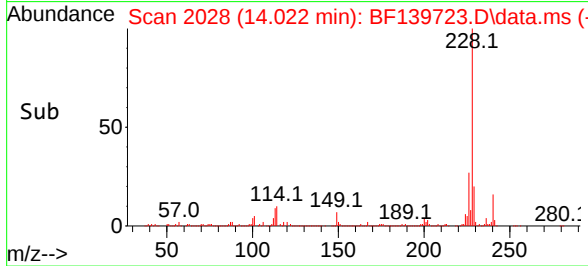
Instrument :
BNA_F
ClientSampleId :
1B-3MSD



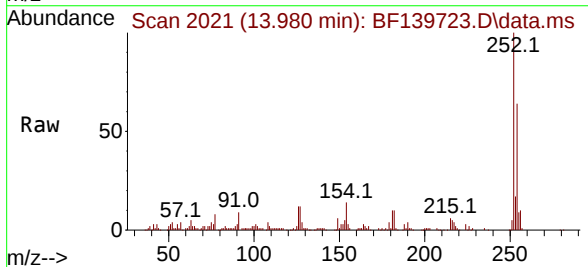
Tgt Ion:228 Resp: 533848
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.6 15.8 23.8

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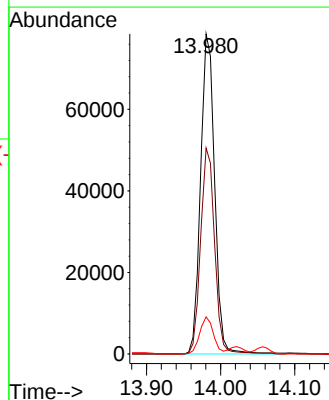
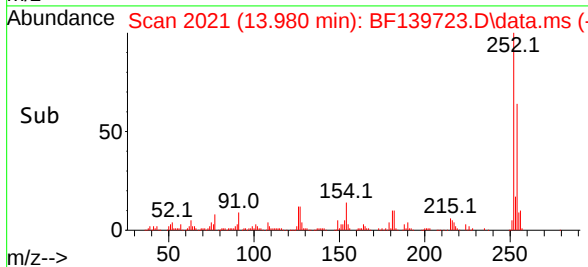
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

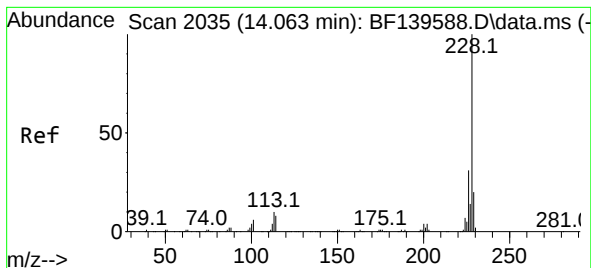


#82
3,3'-Dichlorobenzidine
Concen: 33.053 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33



Tgt Ion:252 Resp: 103275
Ion Ratio Lower Upper
252 100
254 64.4 50.5 75.7
126 11.6 8.8 13.2





#83

Chrysene

Concen: 52.408 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion:228 Resp: 489170

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

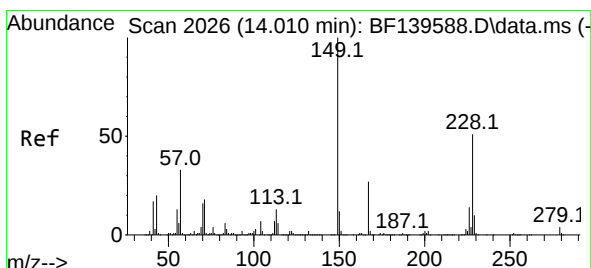
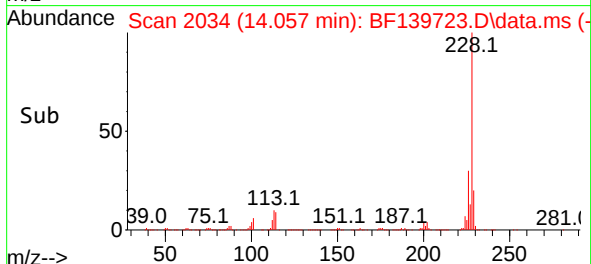
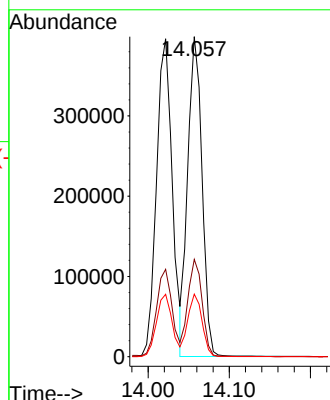
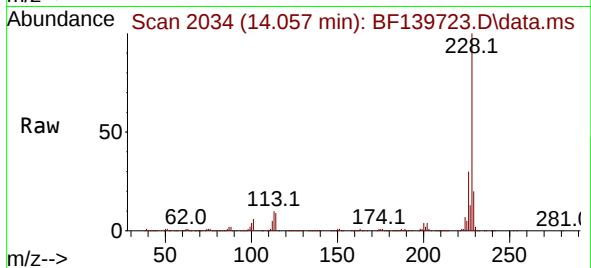
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.601 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

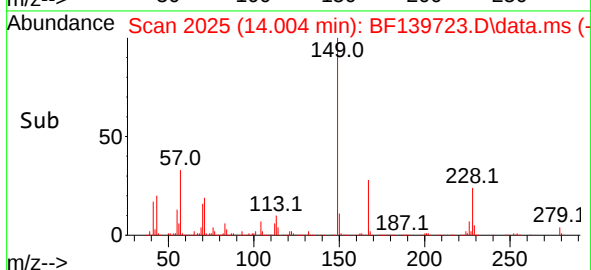
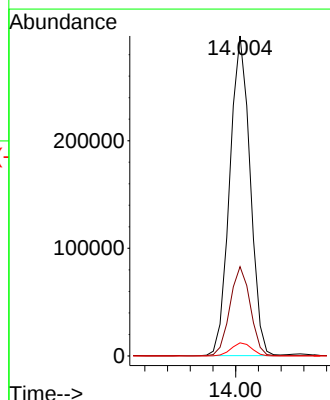
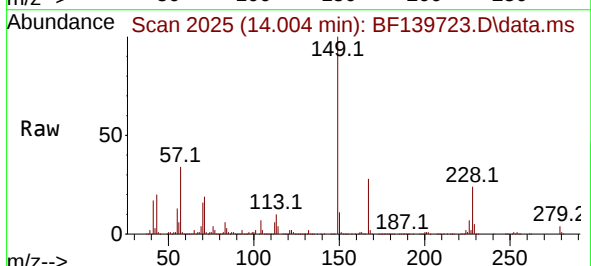
Tgt Ion:149 Resp: 369721

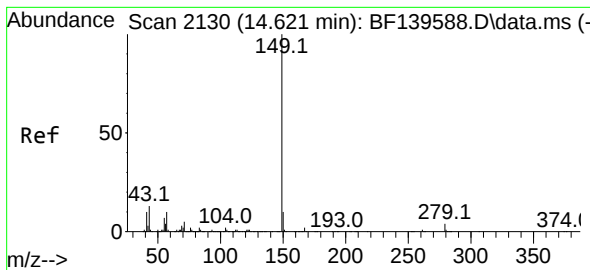
Ion Ratio Lower Upper

149 100

167 27.9 21.7 32.5

279 4.1 3.2 4.8





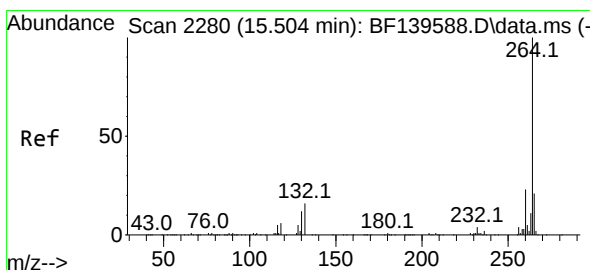
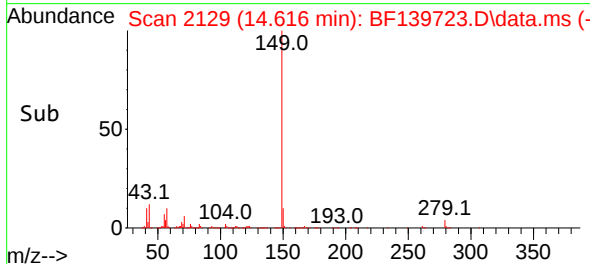
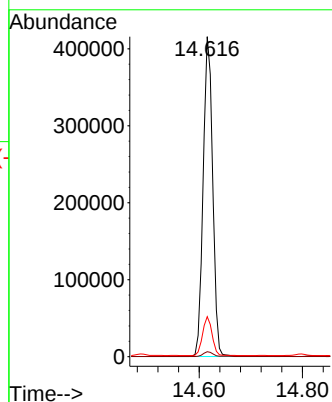
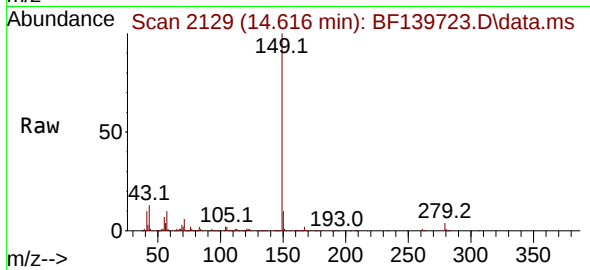
#85
Di-n-octyl phthalate
Concen: 58.191 ng
RT: 14.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

Tgt Ion:149 Resp: 530312
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.1 10.2 15.2

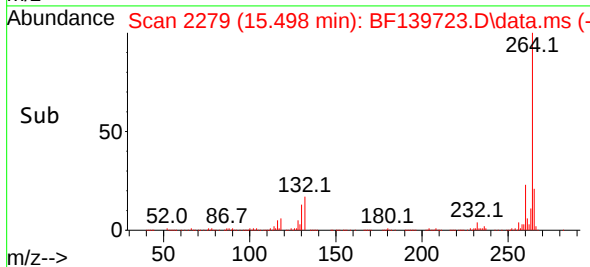
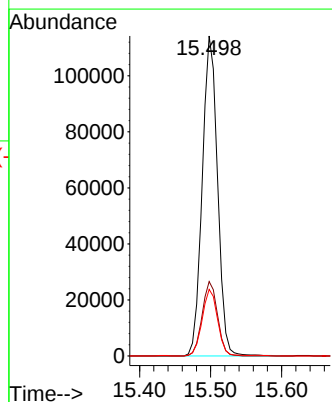
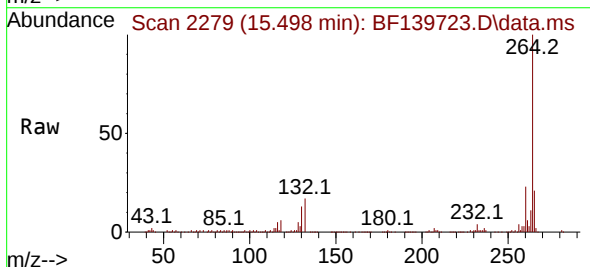
Manual Integrations
APPROVED

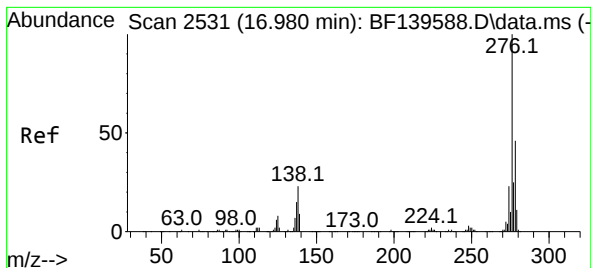
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:264 Resp: 171359
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 20.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.598 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion:276 Resp: 611179

Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

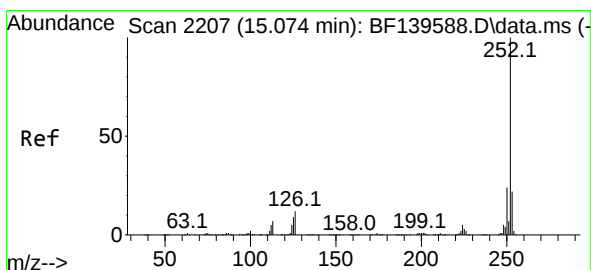
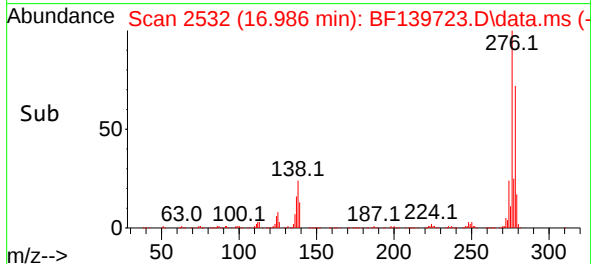
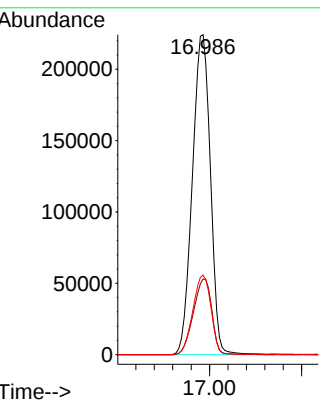
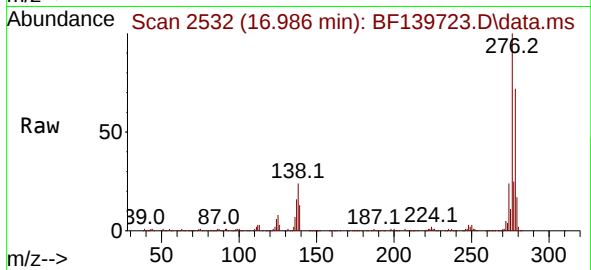
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#88

Benzo(b)fluoranthene

Concen: 45.314 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

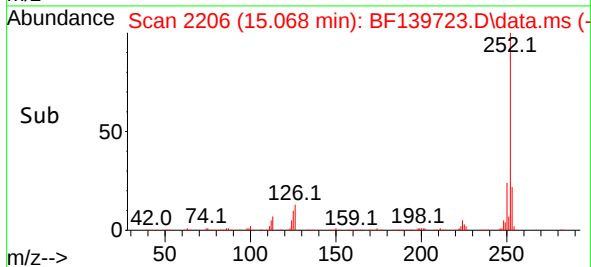
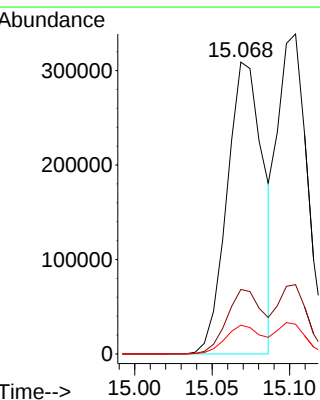
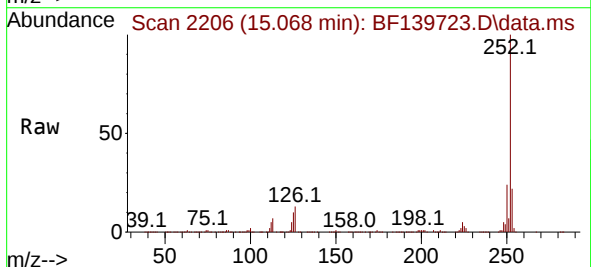
Tgt Ion:252 Resp: 502065

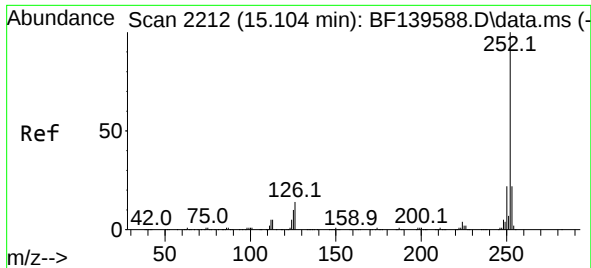
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.9 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 48.019 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

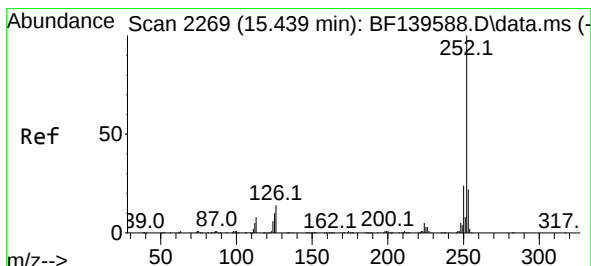
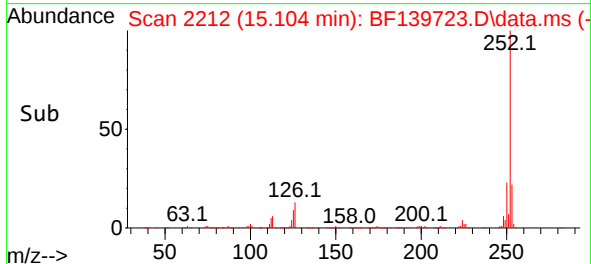
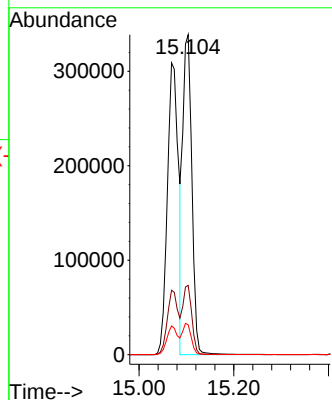
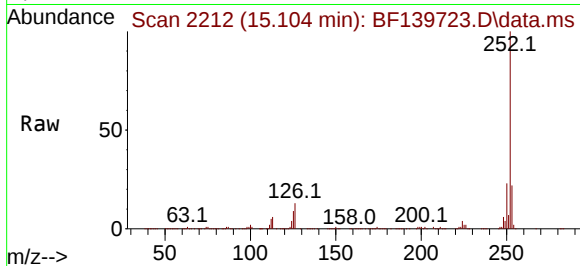
1B-3MSD

Tgt Ion:252 Resp: 45131
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.3 7.6 11.4

Manual Integrations

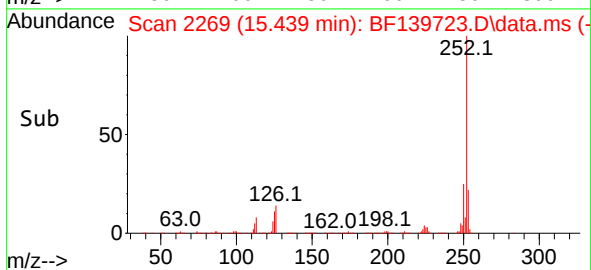
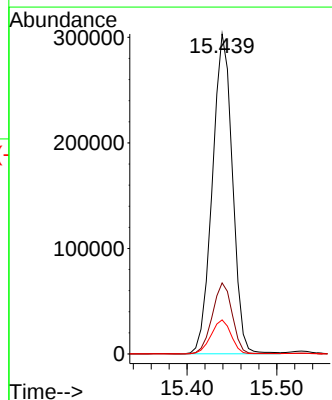
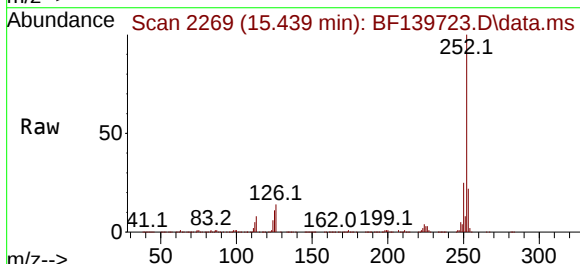
APPROVED

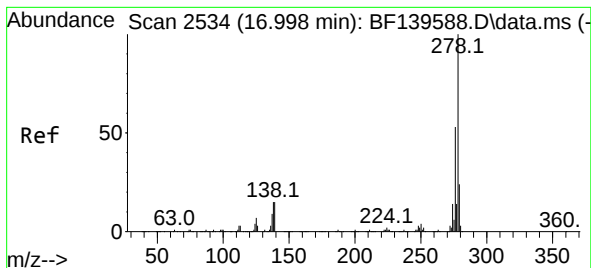
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#90
Benzo(a)pyrene
Concen: 53.883 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF139723.D
Acq: 09 Oct 2024 15:33

Tgt Ion:252 Resp: 470742
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 58.963 ng

RT: 16.998 min Scan# 2534

Delta R.T. 0.000 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Instrument :

BNA_F

ClientSampleId :

1B-3MSD

Tgt Ion:278 Resp: 493239

Ion Ratio Lower Upper

278 100

139 15.9 12.2 18.4

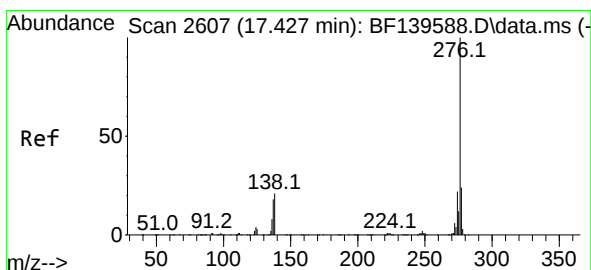
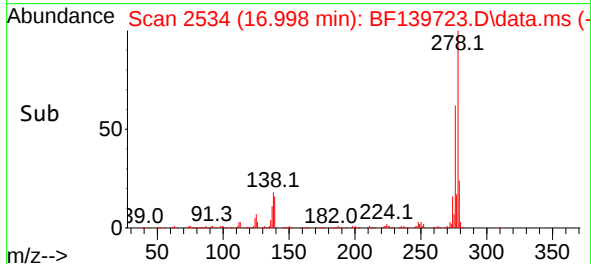
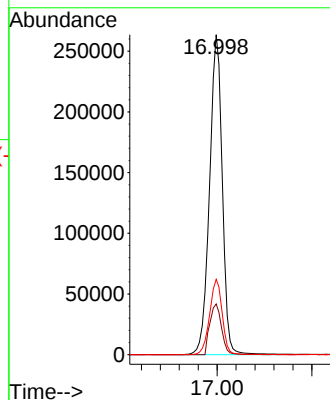
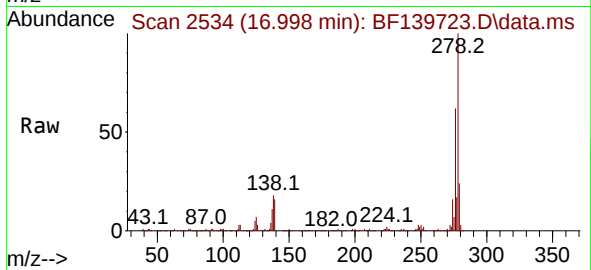
279 23.5 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#92

Benzo(g,h,i)perylene

Concen: 56.276 ng

RT: 17.427 min Scan# 2607

Delta R.T. 0.000 min

Lab File: BF139723.D

Acq: 09 Oct 2024 15:33

Tgt Ion:276 Resp: 472129

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 21.2 17.0 25.6

