

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140105.D
 Acq On : 29 Oct 2024 12:02
 Operator : RC/JU
 Sample : P4561-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 29 12:37:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 15:07:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	119078	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	468695	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	258838	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	443678	20.000	ng	0.00
76) Chrysene-d12	14.051	240	213800	20.000	ng	0.00
86) Perylene-d12	15.527	264	269959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	663296	87.202	ng	0.01
7) Phenol-d6	6.516	99	889612	90.302	ng	0.00
23) Nitrobenzene-d5	7.451	82	564781	66.786	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	252807	104.419	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1028299	65.658	ng	0.00
79) Terphenyl-d14	12.992	244	869424	66.263	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	135326	38.158	ng	98
3) Pyridine	3.510	79	350246	39.843	ng	99
4) n-Nitrosodimethylamine	3.463	42	196737	41.655	ng	# 98
6) Aniline	6.551	93	287445	31.307	ng	99
8) 2-Chlorophenol	6.675	128	367128	47.212	ng	98
9) Benzaldehyde	6.440	77	68731	12.402	ng	98
10) Phenol	6.528	94	475437m	46.811	ng	
11) bis(2-Chloroethyl)ether	6.622	93	364756	46.464	ng	99
12) 1,3-Dichlorobenzene	6.834	146	397732	44.557	ng	99
13) 1,4-Dichlorobenzene	6.910	146	401159	44.983	ng	99
14) 1,2-Dichlorobenzene	7.057	146	386184	46.399	ng	98
15) Benzyl Alcohol	7.028	79	344664	47.694	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	607117	45.356	ng	98
17) 2-Methylphenol	7.140	107	307900	46.436	ng	98
18) Hexachloroethane	7.404	117	148095	46.569	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	276260	46.236	ng	97
20) 3+4-Methylphenols	7.287	107	381132	44.939	ng	# 90
22) Acetophenone	7.298	105	506664	44.135	ng	99
24) Nitrobenzene	7.469	77	414883	44.747	ng	100
25) Isophorone	7.710	82	741496	46.197	ng	99
26) 2-Nitrophenol	7.787	139	192444	55.018	ng	98
27) 2,4-Dimethylphenol	7.816	122	306717	52.588	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	441117	45.361	ng	100
29) 2,4-Dichlorophenol	8.028	162	306470	46.132	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	322636	43.891	ng	99
31) Naphthalene	8.192	128	1073825	44.423	ng	100
32) Benzoic acid	7.934	122	236255	46.443	ng	99
33) 4-Chloroaniline	8.239	127	98478	11.948	ng	98
34) Hexachlorobutadiene	8.310	225	209194	45.293	ng	99
35) Caprolactam	8.610	113	100372m	47.517	ng	
36) 4-Chloro-3-methylphenol	8.716	107	345453	46.962	ng	100
37) 2-Methylnaphthalene	8.886	142	681541	46.037	ng	100
38) 1-Methylnaphthalene	8.981	142	635082	43.725	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	325431	46.603	ng	99
41) Hexachlorocyclopentadiene	9.039	237	407976	167.908	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	233871	47.305	ng	100

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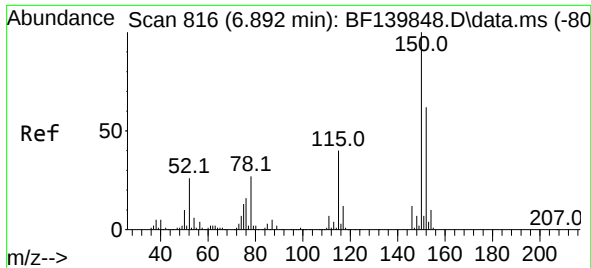
Manual Integrations
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 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

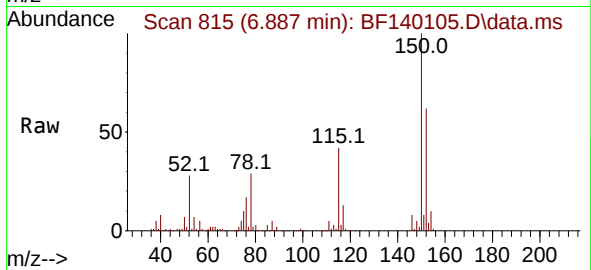
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	238739	46.804	ng	98
46) 1,1'-Biphenyl	9.345	154	821944	45.616	ng	100
47) 2-Chloronaphthalene	9.375	162	655768	45.186	ng	99
48) 2-Nitroaniline	9.469	65	227765	51.314	ng	95
49) Acenaphthylene	9.792	152	1023418	48.778	ng	100
50) Dimethylphthalate	9.651	163	775588	48.106	ng	100
51) 2,6-Dinitrotoluene	9.710	165	169010	48.415	ng	98
52) Acenaphthene	9.963	154	717149	52.838	ng	99
53) 3-Nitroaniline	9.875	138	93290	25.915	ng	100
54) 2,4-Dinitrophenol	9.986	184	201945	134.403	ng #	1
55) Dibenzofuran	10.133	168	904160	46.431	ng	100
56) 4-Nitrophenol	10.033	139	272837	98.511	ng	95
57) 2,4-Dinitrotoluene	10.116	165	227892	53.087	ng	98
58) Fluorene	10.475	166	681871	45.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	194795m	48.715	ng	
60) Diethylphthalate	10.345	149	750506	47.411	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	348259	46.495	ng	99
62) 4-Nitroaniline	10.492	138	163027	47.949	ng	97
63) Azobenzene	10.628	77	893808	53.259	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	131332	72.569	ng	93
66) n-Nitrosodiphenylamine	10.586	169	632125	47.603	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	221899	48.548	ng	97
68) Hexachlorobenzene	11.022	284	242705	47.214	ng	99
69) Atrazine	11.110	200	200780	55.817	ng	99
70) Pentachlorophenol	11.216	266	289848	92.905	ng	99
71) Phenanthrene	11.439	178	973007	46.428	ng	100
72) Anthracene	11.492	178	987770	48.307	ng	100
73) Carbazole	11.645	167	822131	43.231	ng	99
74) Di-n-butylphthalate	11.969	149	1066878	48.558	ng	100
75) Fluoranthene	12.627	202	852694	40.247	ng	100
77) Benzidine	12.745	184	177069	50.367	ng	99
78) Pyrene	12.857	202	842496	45.018	ng	99
80) Butylbenzylphthalate	13.469	149	318277	56.727	ng	100
81) Benzo(a)anthracene	14.039	228	646882	46.479	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	121036	29.827	ng	97
83) Chrysene	14.080	228	628880	49.282	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	397598	63.162	ng	100
85) Di-n-octyl phthalate	14.639	149	654252	57.142	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	740606	42.644	ng	98
88) Benzo(b)fluoranthene	15.098	252	726493	44.178	ng	99
89) Benzo(k)fluoranthene	15.127	252	663067	46.753	ng	99
90) Benzo(a)pyrene	15.468	252	681796	50.387	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	619598	42.766	ng	99
92) Benzo(g,h,i)perylene	17.480	276	514347	35.542	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

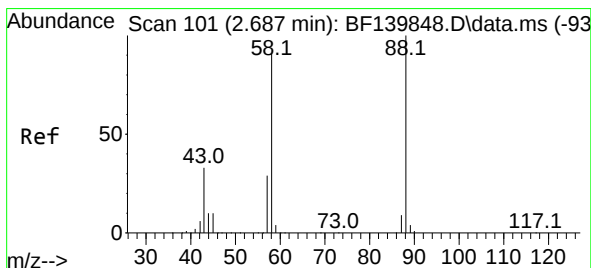
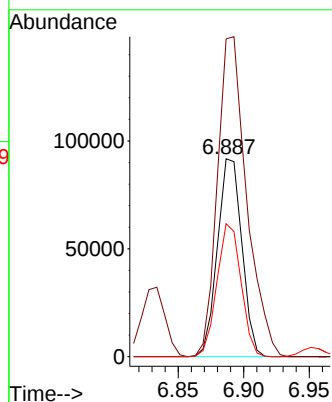
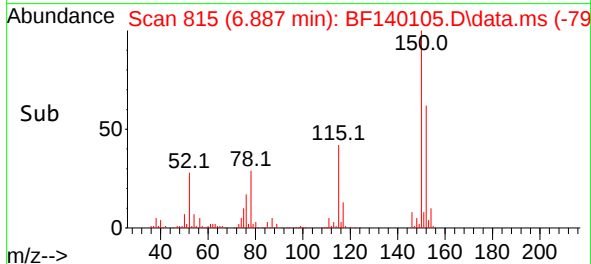
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion:152 Resp: 119078
Ion Ratio Lower Upper
152 100
150 160.6 130.2 195.2
115 67.2 51.4 77.2

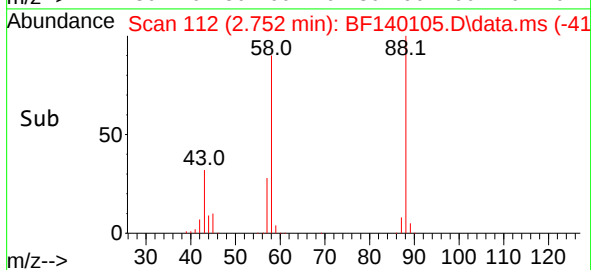
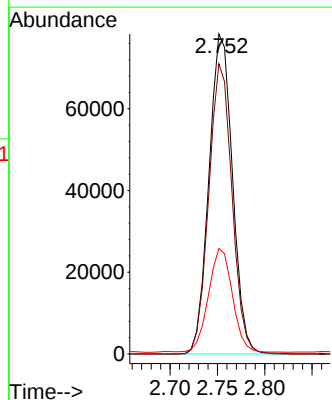
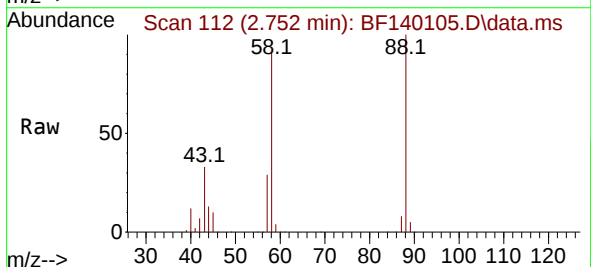
Manual Integrations
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Supervised By :mohammad ahmed 11/04/2024



#2
1,4-Dioxane
Concen: 38.158 ng
RT: 2.752 min Scan# 112
Delta R.T. 0.065 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

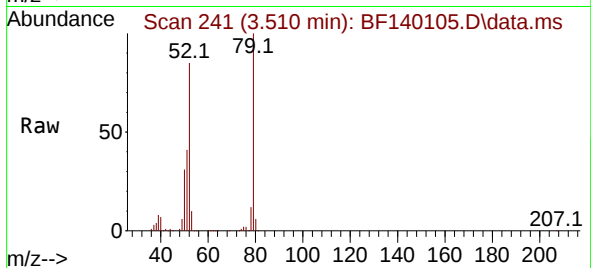
Tgt Ion: 88 Resp: 135326
Ion Ratio Lower Upper
88 100
58 89.6 73.3 109.9
43 32.9 27.1 40.7





#3
Pyridine
Concen: 39.843 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.065 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

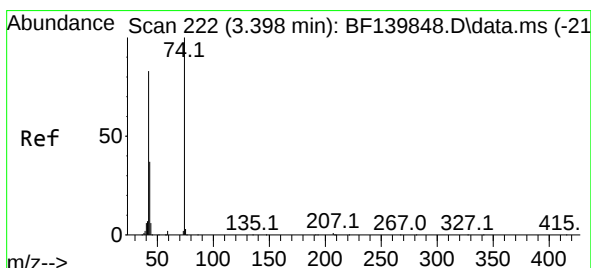
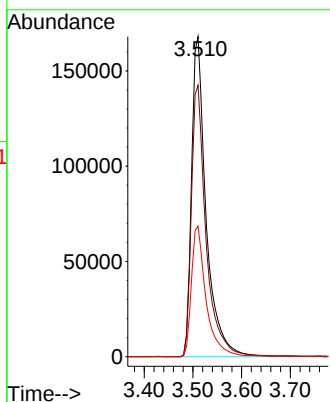
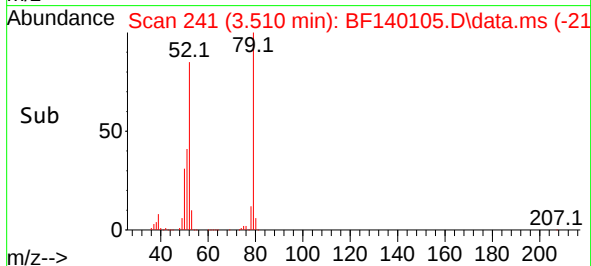
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



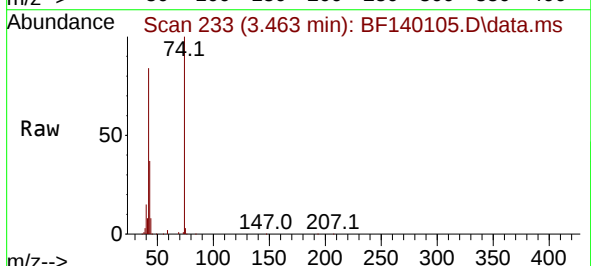
Tgt Ion: 79 Resp: 350240
Ion Ratio Lower Upper
79 100
52 84.8 68.5 102.7
51 40.8 32.3 48.5

Manual Integrations
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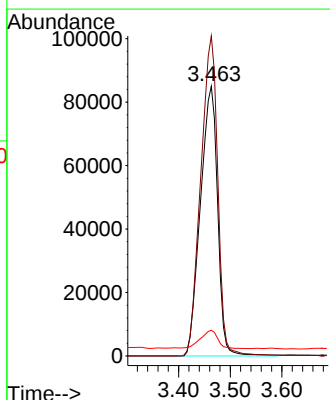
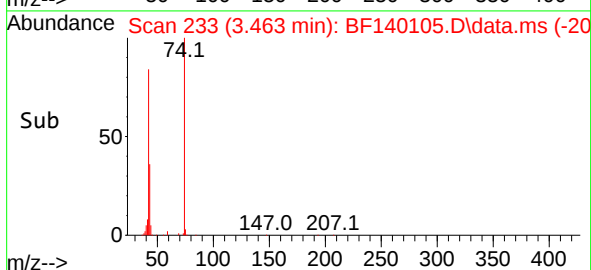
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#4
n-Nitrosodimethylamine
Concen: 41.655 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.065 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



Tgt Ion: 42 Resp: 196737
Ion Ratio Lower Upper
42 100
74 118.7 96.2 144.4
44 9.5 6.2 9.2#





#5
2-Fluorophenol
Concen: 87.202 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

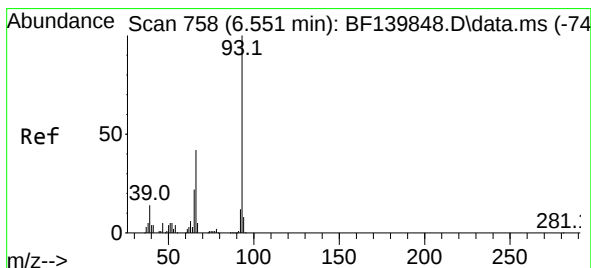
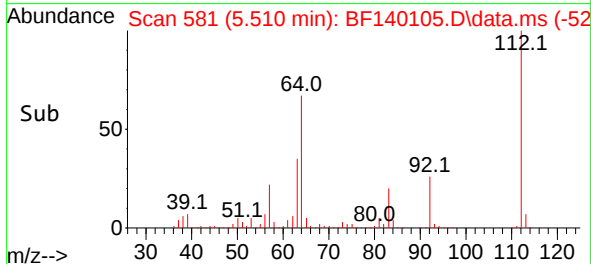
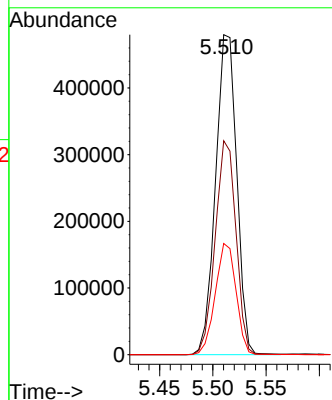
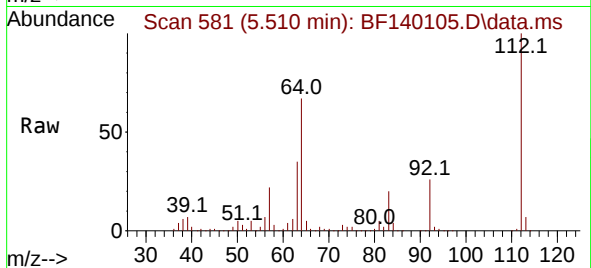
BP-F-18MS

Tgt Ion:112 Resp: 663290
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 34.8 27.0 40.4

Manual Integrations

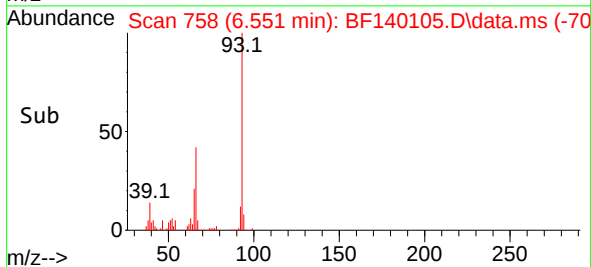
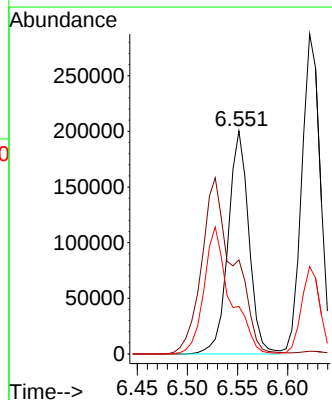
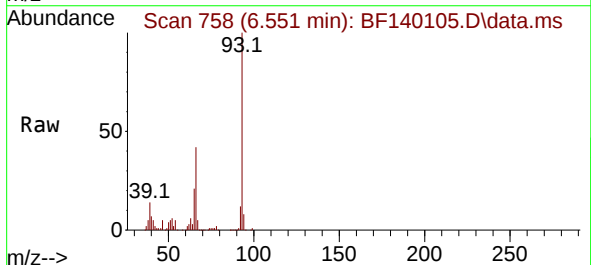
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#6
Aniline
Concen: 31.307 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

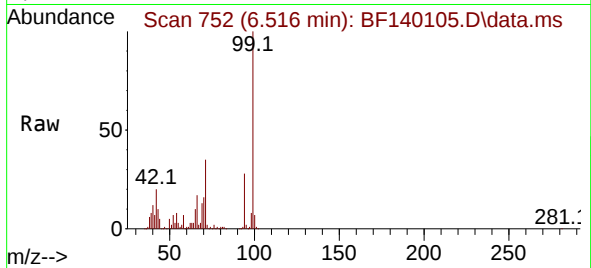
Tgt Ion: 93 Resp: 287445
Ion Ratio Lower Upper
93 100
66 42.2 34.0 51.0
65 21.3 17.4 26.0





#7
Phenol-d6
Concen: 90.302 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

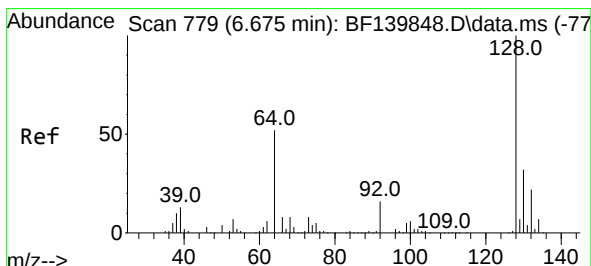
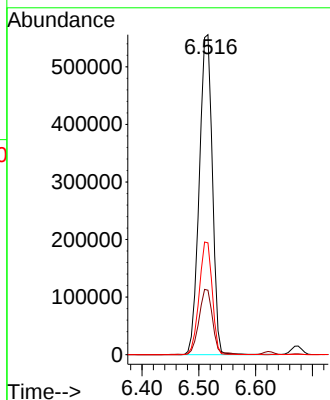
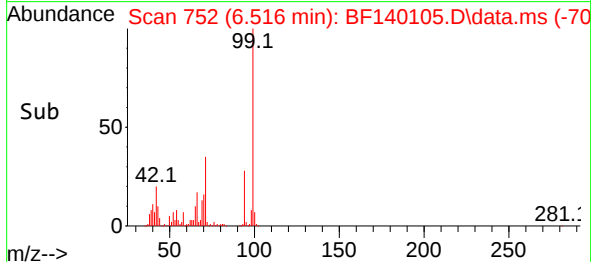
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 889612
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 35.0 27.7 41.5

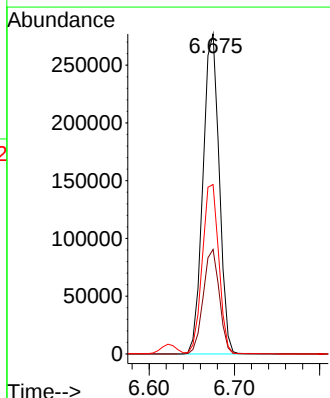
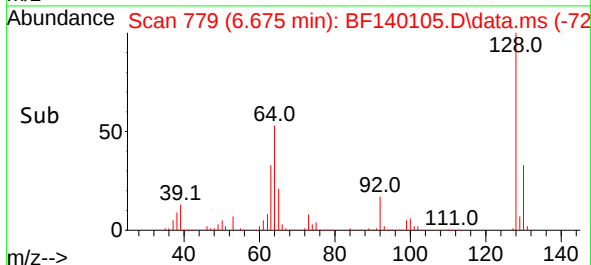
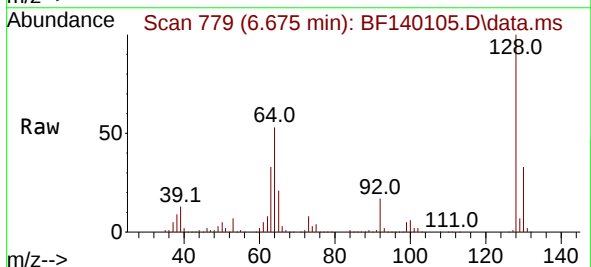
Manual Integrations
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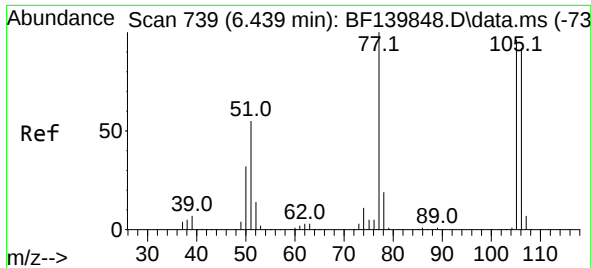
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 47.212 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:128 Resp: 367128
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 52.9 34.6 74.6





#9
Benzaldehyde
Concen: 12.402 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

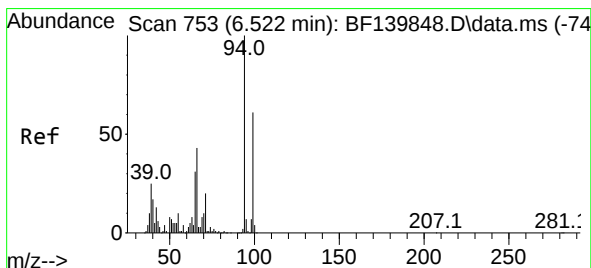
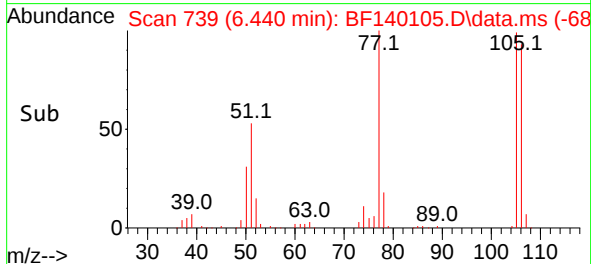
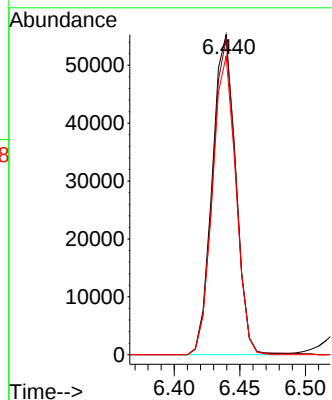
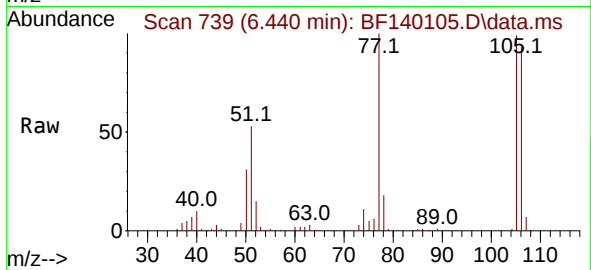
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

Tgt Ion: 77 Resp: 6873

Ion	Ratio	Lower	Upper
77	100		
105	98.6	75.5	115.5
106	93.3	71.7	111.7

Manual Integrations
APPROVED

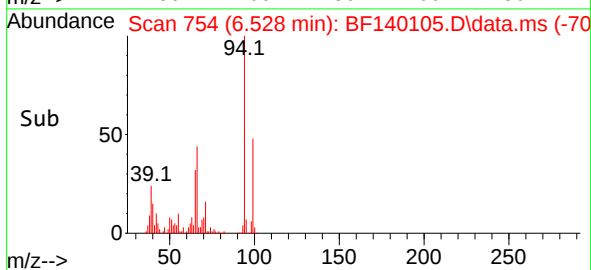
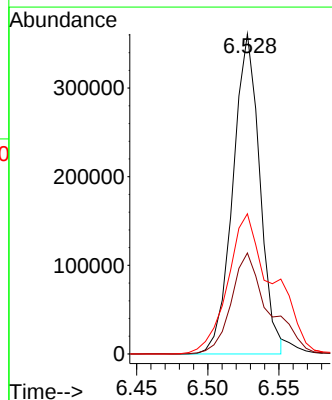
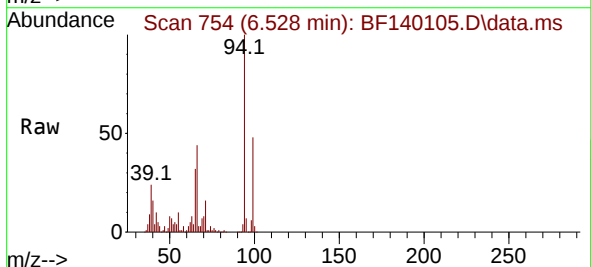
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 46.811 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 94 Resp: 475437

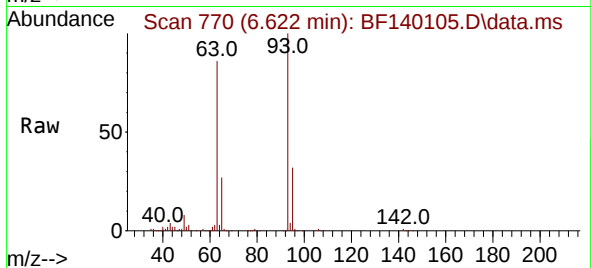
Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.1	51.1
66	43.8	22.7	62.7





#11
bis(2-Chloroethyl)ether
Concen: 46.464 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

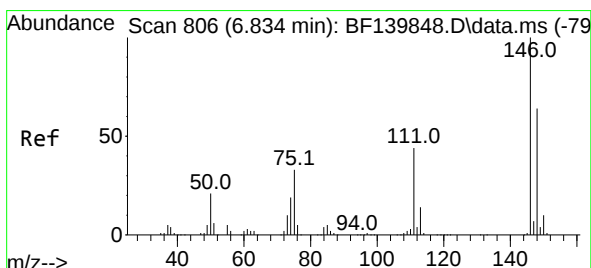
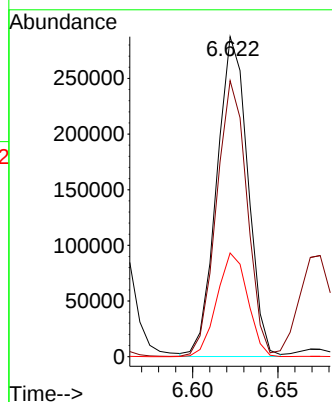
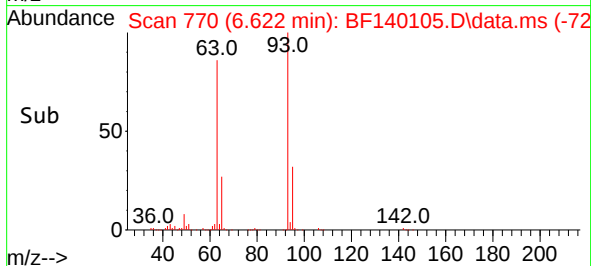
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion: 93 Resp: 364750
Ion Ratio Lower Upper
93 100
63 86.2 65.0 105.0
95 32.4 12.4 52.4

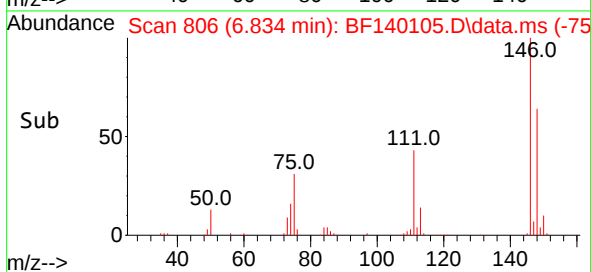
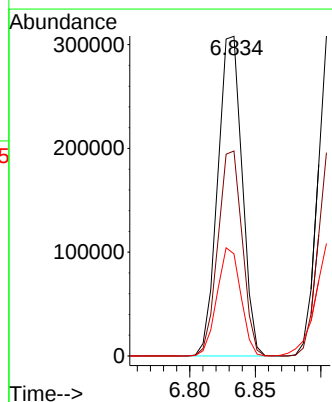
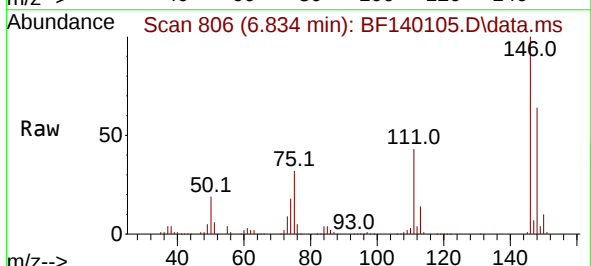
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 44.557 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:146 Resp: 397732
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 31.9 26.4 39.6





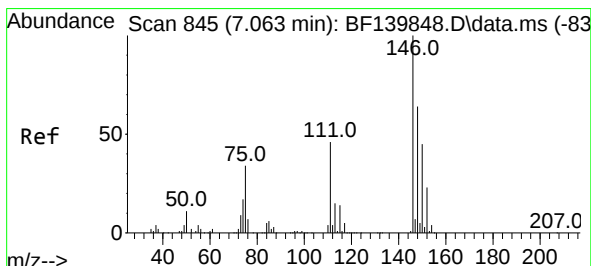
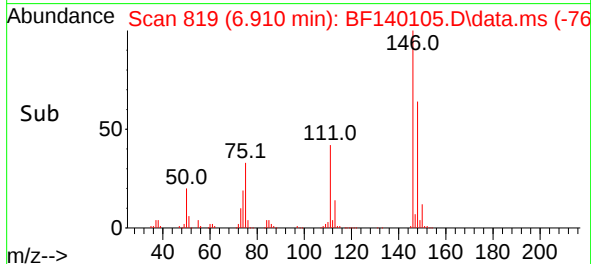
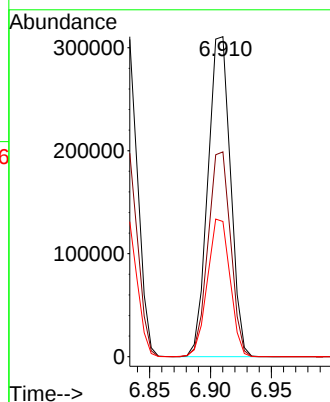
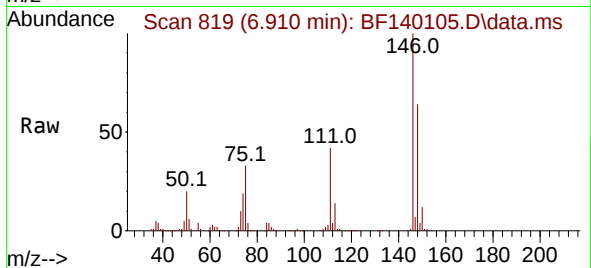
#13
1,4-Dichlorobenzene
Concen: 44.983 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

Tgt Ion:146 Resp: 401159
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 42.2 34.6 51.8

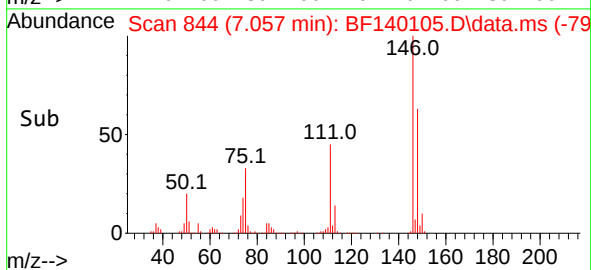
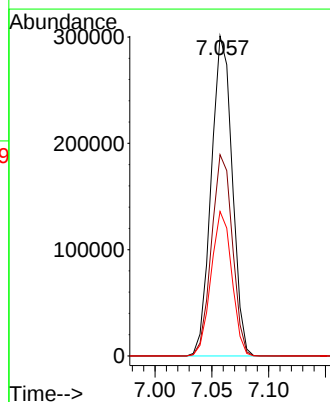
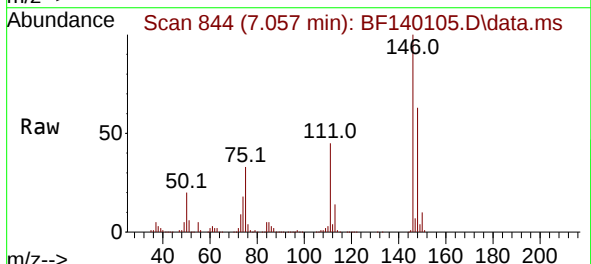
Manual Integrations
APPROVED

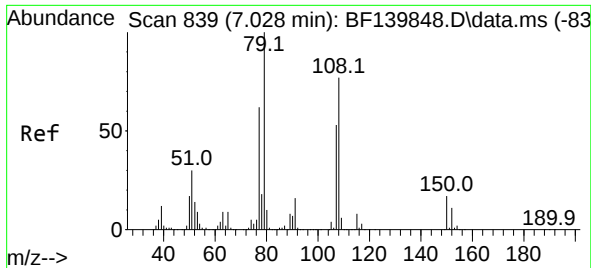
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 46.399 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

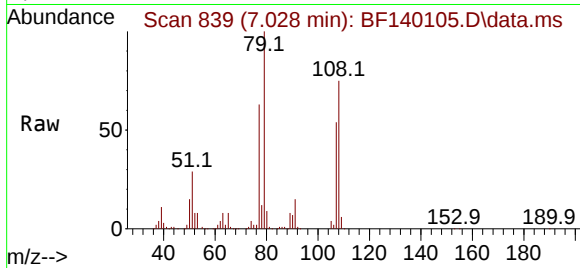
Tgt Ion:146 Resp: 386184
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.2
111 45.1 36.7 55.1





#15
Benzyl Alcohol
Concen: 47.694 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

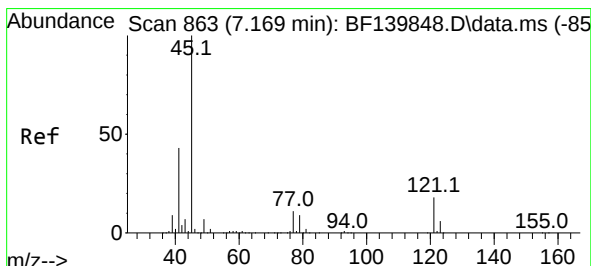
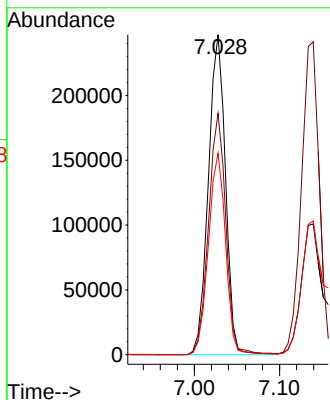
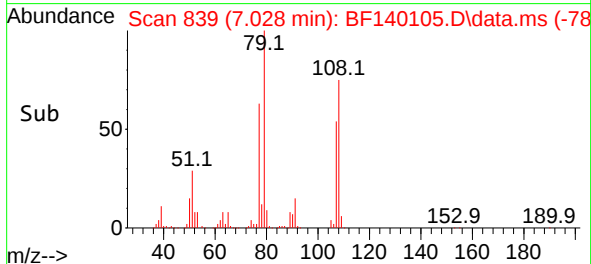
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



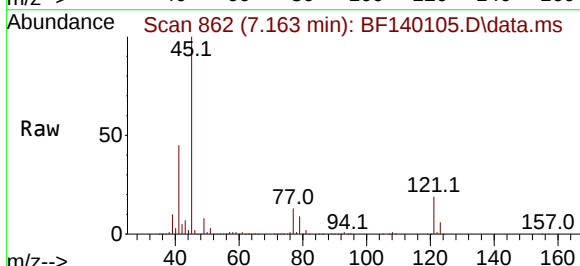
Tgt Ion: 79 Resp: 344664
Ion Ratio Lower Upper
79 100
108 75.4 61.4 92.0
77 62.9 49.9 74.9

Manual Integrations
APPROVED

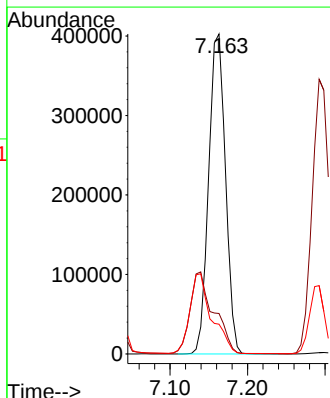
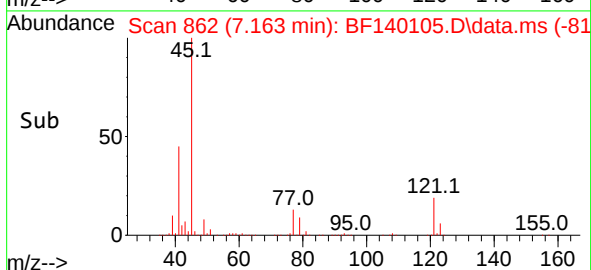
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

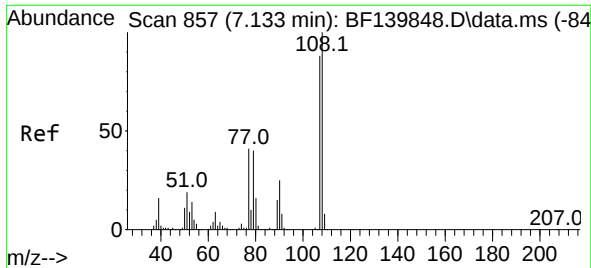


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.356 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



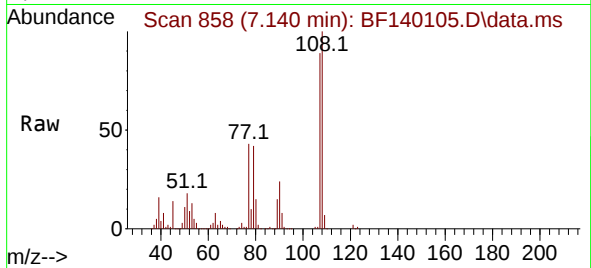
Tgt Ion: 45 Resp: 607117
Ion Ratio Lower Upper
45 100
77 12.7 0.0 31.5
79 9.3 0.0 29.1





#17
2-Methylphenol
Concen: 46.436 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

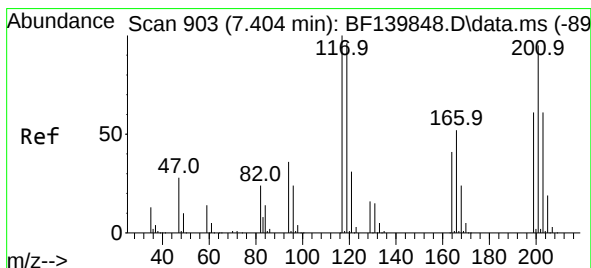
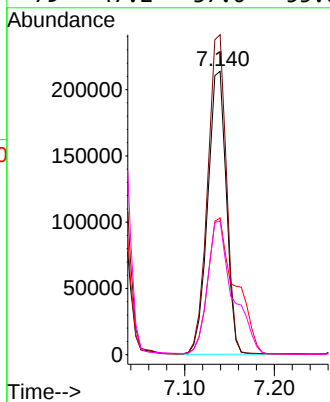
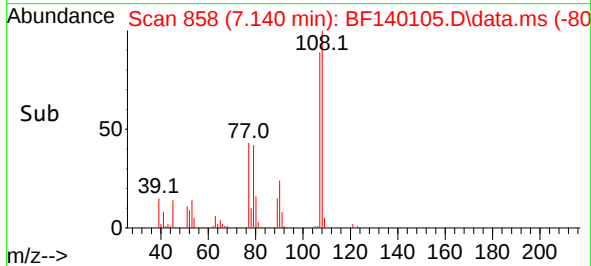
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion:107 Resp: 307900
Ion Ratio Lower Upper
107 100
108 112.9 91.3 136.9
77 48.2 37.1 55.7
79 47.2 37.0 55.6

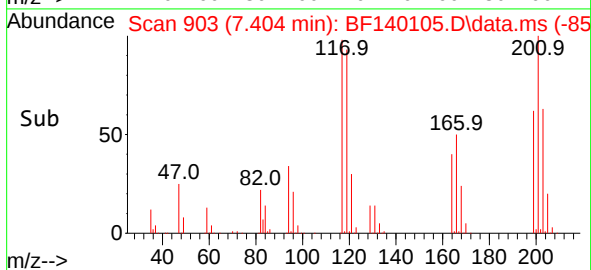
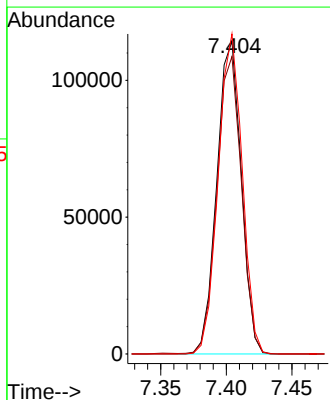
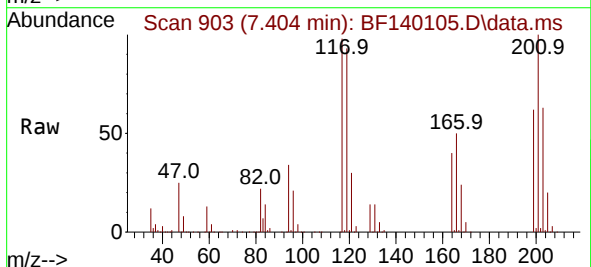
Manual Integrations
APPROVED

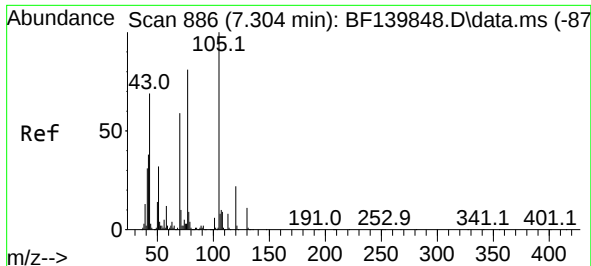
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 46.569 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

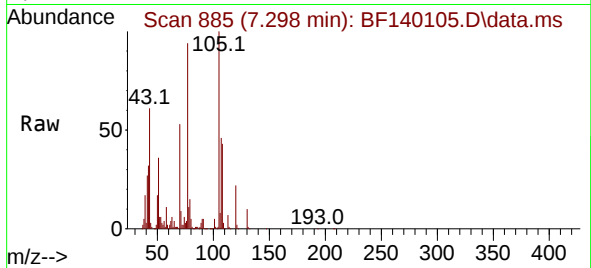
Tgt Ion:117 Resp: 148095
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4
201 102.3 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 46.236 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

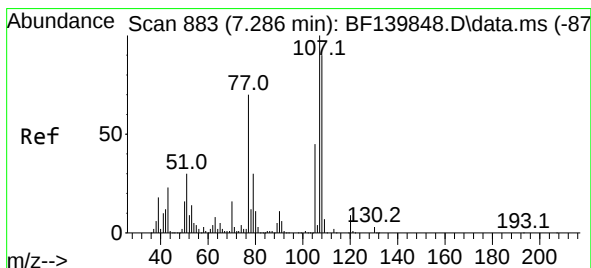
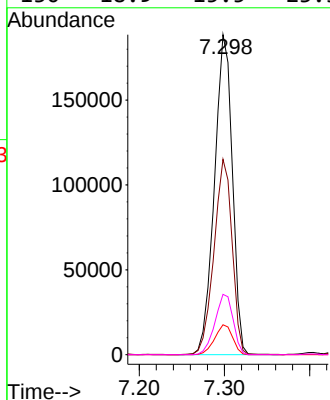
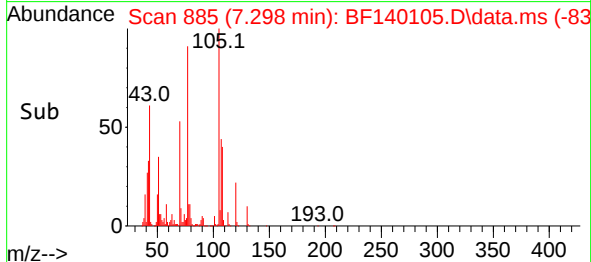
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



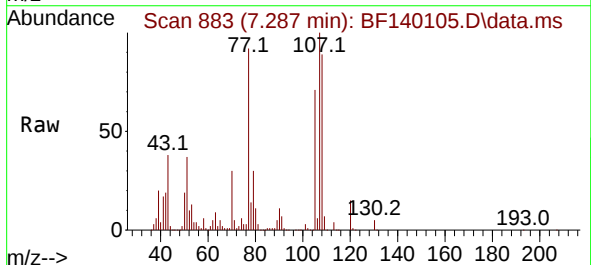
Tgt Ion: 70 Resp: 276260
Ion Ratio Lower Upper
70 100
42 61.0 51.5 77.3
101 9.3 7.5 11.3
130 18.9 15.5 23.3

Manual Integrations
APPROVED

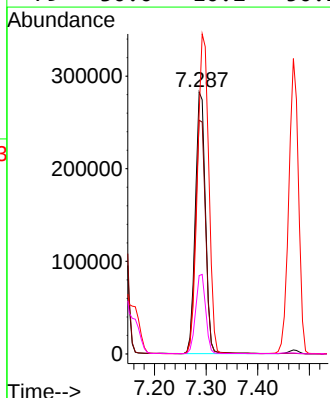
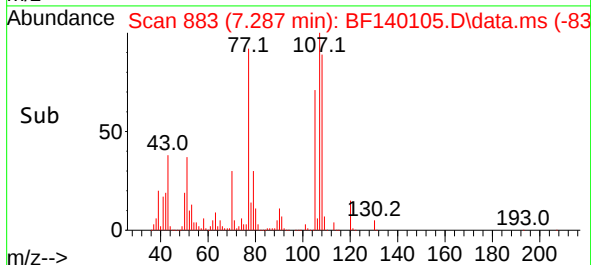
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#20
3+4-Methylphenols
Concen: 44.939 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



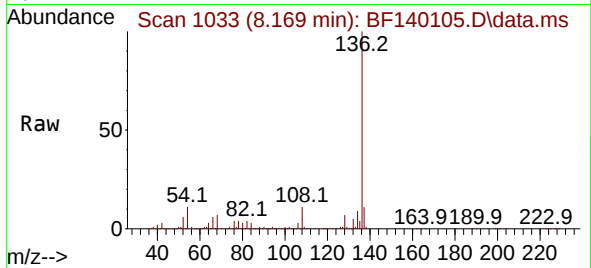
Tgt Ion:107 Resp: 381132
Ion Ratio Lower Upper
107 100
108 89.2 69.8 109.8
77 91.8 50.5 90.5#
79 30.0 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

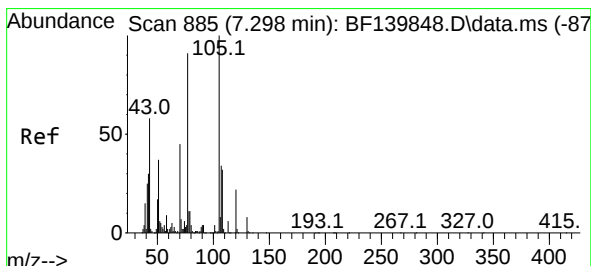
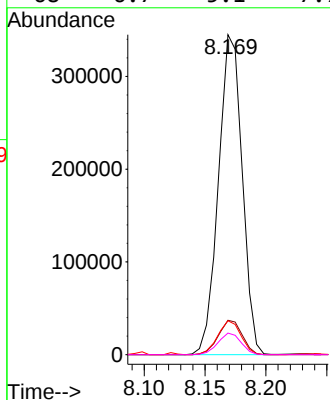
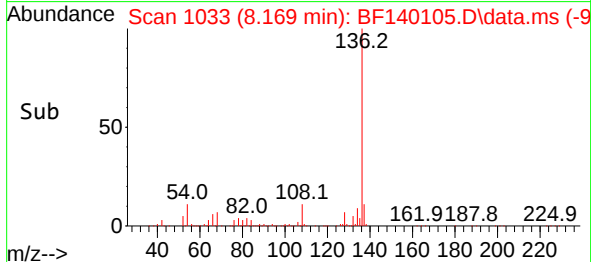
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion:136 Resp: 468695
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.6 8.4 12.6
68 6.7 5.1 7.7

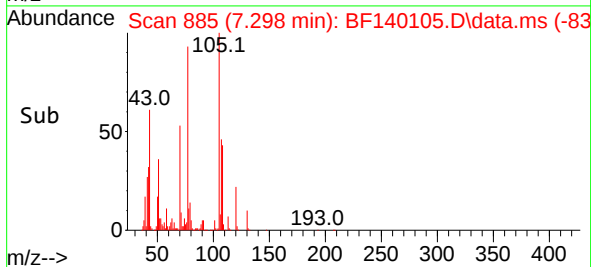
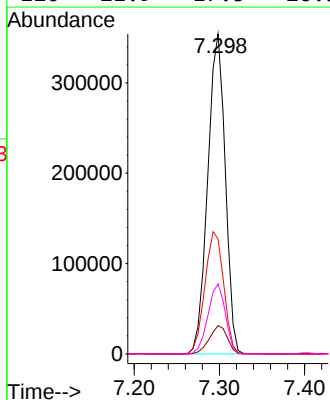
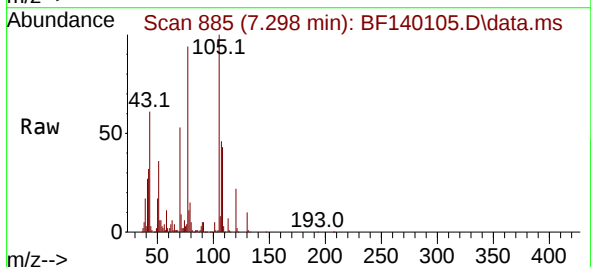
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 44.135 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:105 Resp: 506664
Ion Ratio Lower Upper
105 100
71 8.8 5.9 8.9
51 36.0 29.4 44.2
120 21.9 17.5 26.3





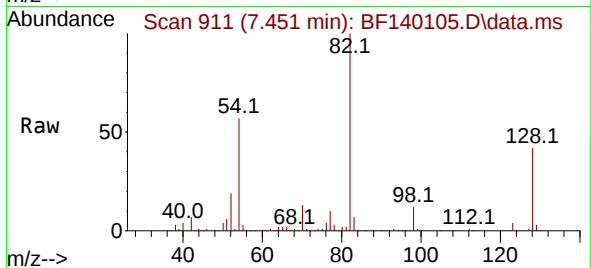
#23
Nitrobenzene-d5
Concen: 66.786 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

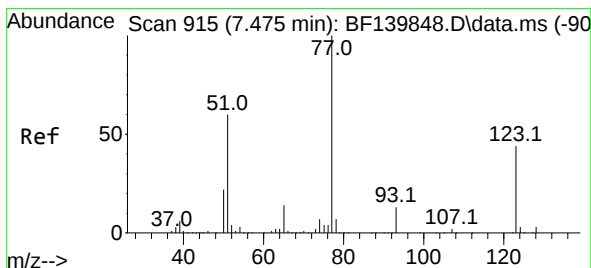
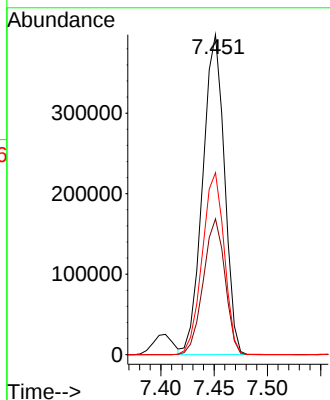
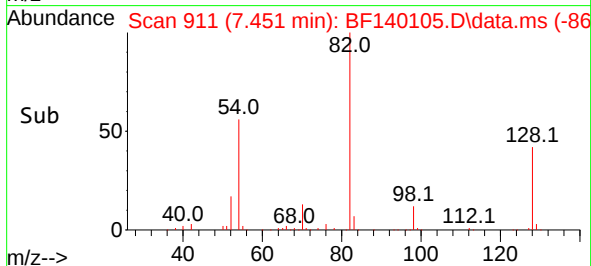


Tgt Ion: 82 Resp: 56478
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 56.9 47.8 71.8

Manual Integrations

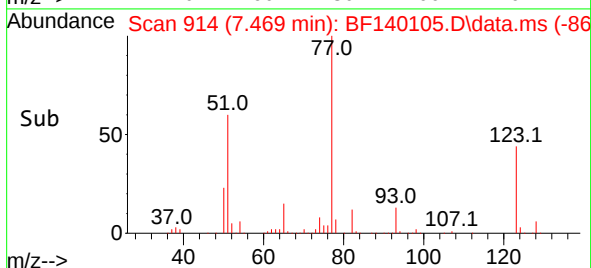
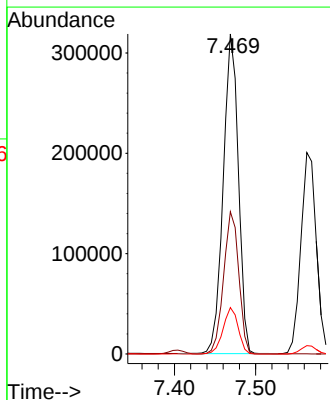
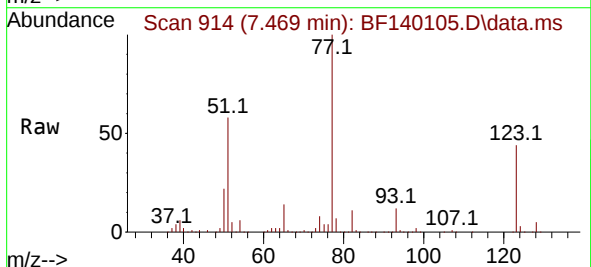
APPROVED

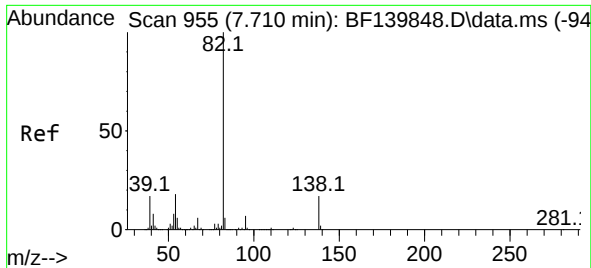
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 44.747 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

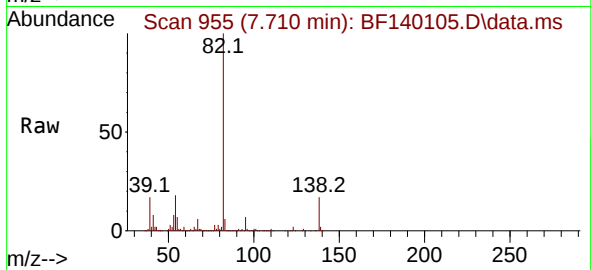
Tgt Ion: 77 Resp: 414883
Ion Ratio Lower Upper
77 100
123 44.5 35.7 53.5
65 14.5 11.5 17.3





#25
Isophorone
Concen: 46.197 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

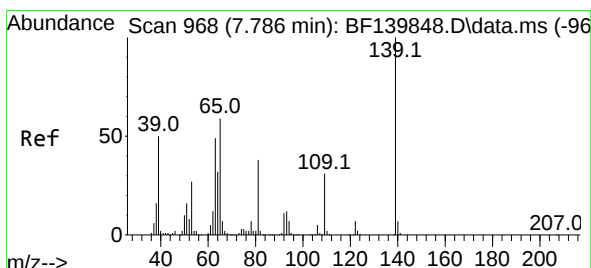
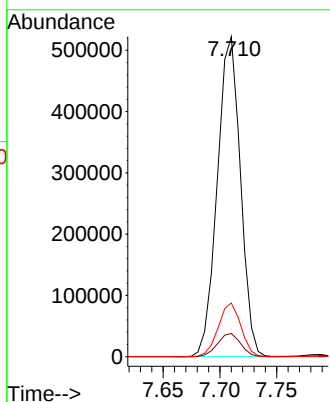
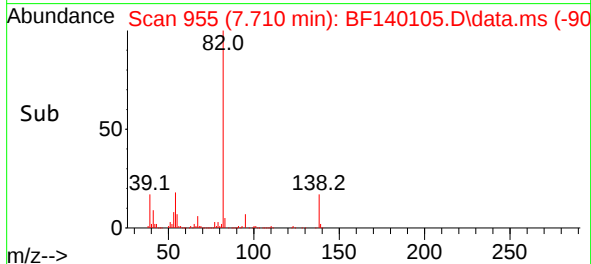
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion: 82 Resp: 741490
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.8 13.2 19.8

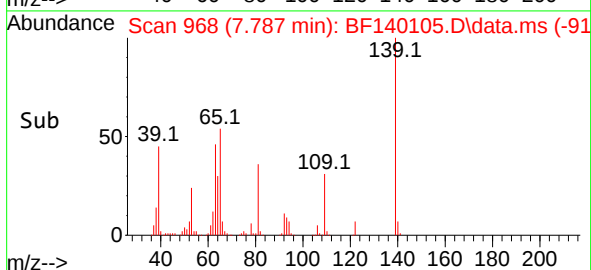
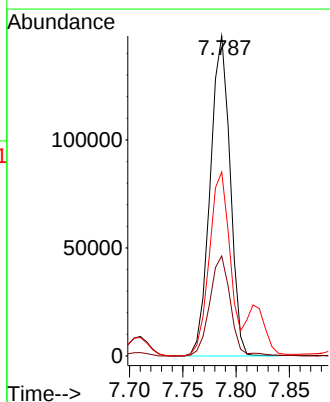
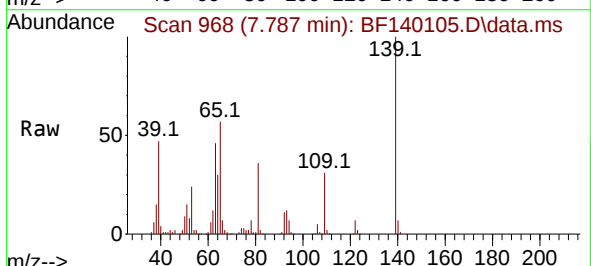
Manual Integrations
APPROVED

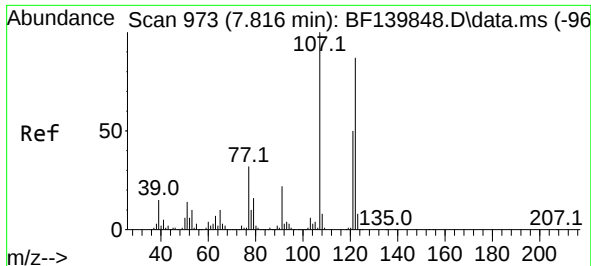
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 55.018 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

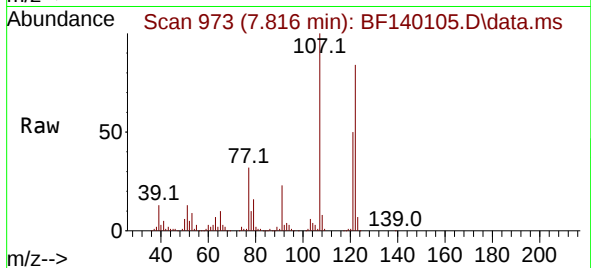
Tgt Ion:139 Resp: 192444
Ion Ratio Lower Upper
139 100
109 31.3 25.1 37.7
65 57.5 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 52.588 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

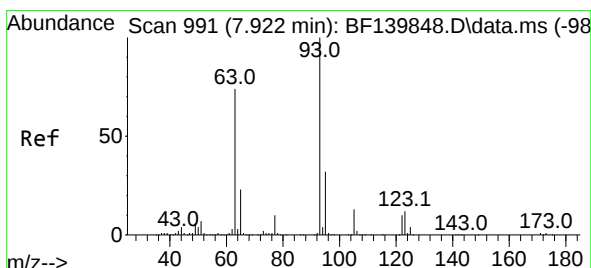
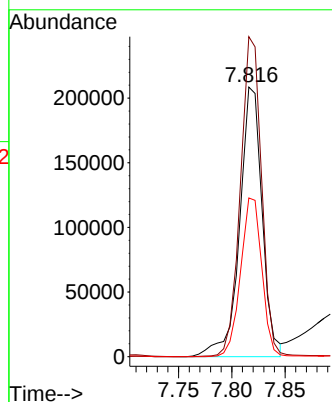
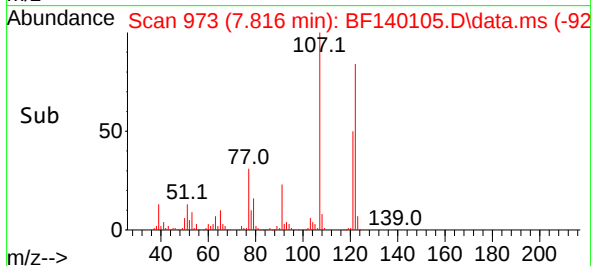
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion:122 Resp: 30671
Ion Ratio Lower Upper
122 100
107 118.7 91.9 137.9
121 58.9 46.2 69.4

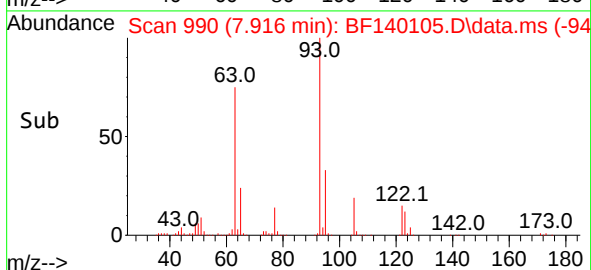
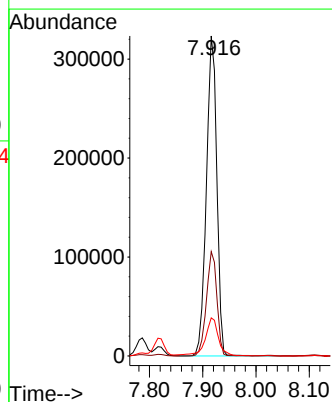
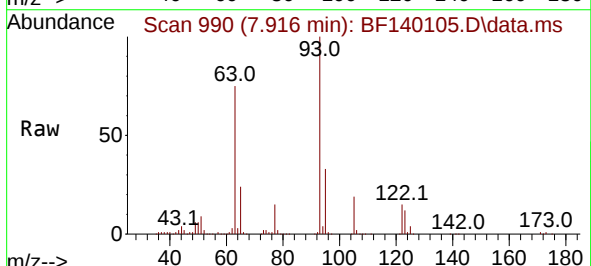
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.361 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion: 93 Resp: 441117
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.9 9.8 14.8





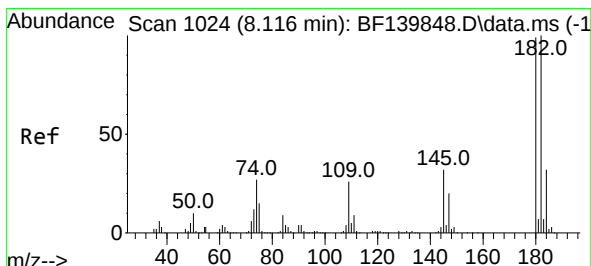
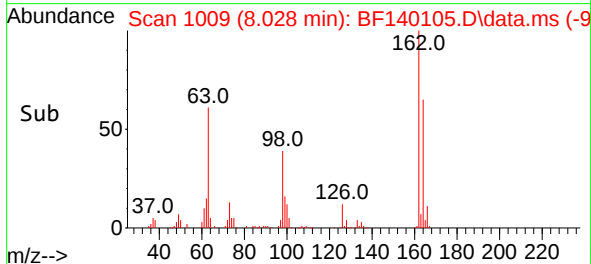
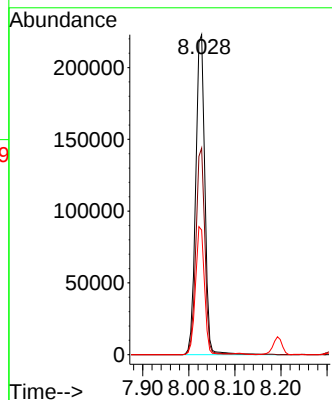
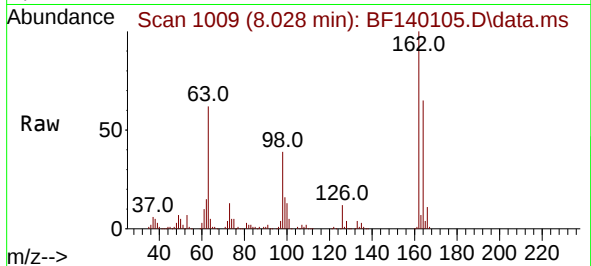
#29
2,4-Dichlorophenol
Concen: 46.132 ng
RT: 8.028 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

Tgt Ion:162 Resp: 306470
Ion Ratio Lower Upper
162 100
164 64.6 43.9 83.9
98 39.0 19.9 59.9

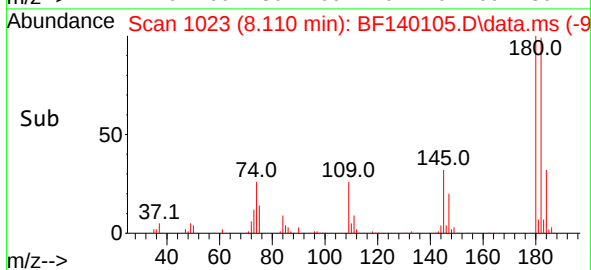
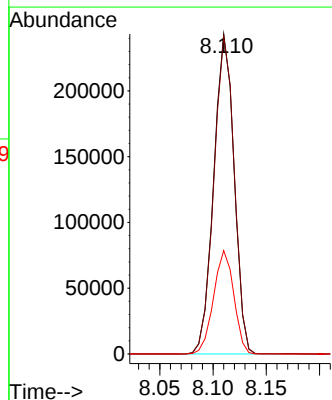
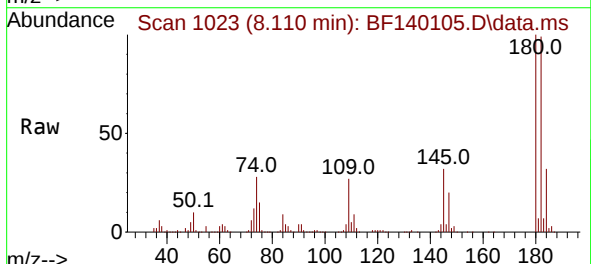
Manual Integrations
APPROVED

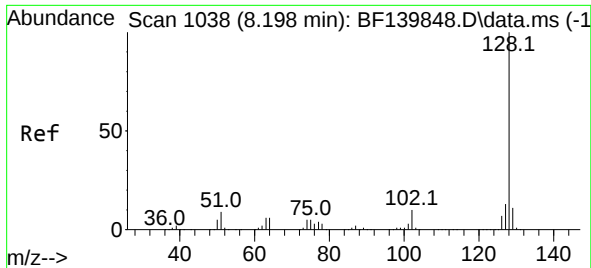
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.891 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

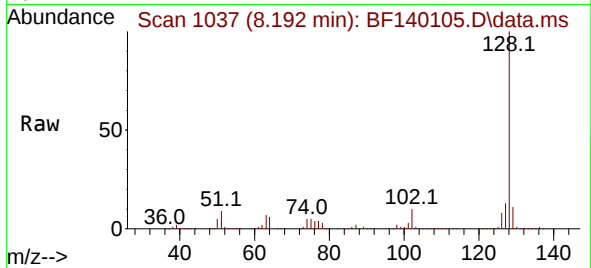
Tgt Ion:180 Resp: 322636
Ion Ratio Lower Upper
180 100
182 99.3 80.5 120.7
145 32.3 25.4 38.0





#31
Naphthalene
Concen: 44.423 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

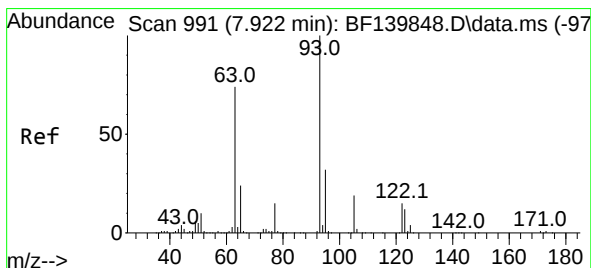
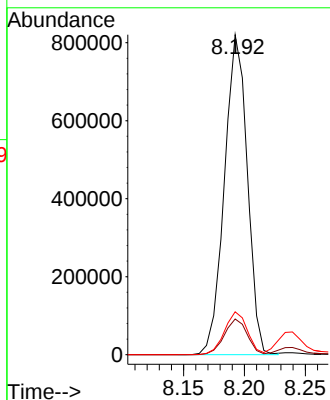
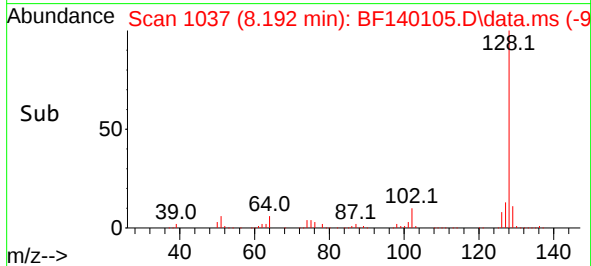
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



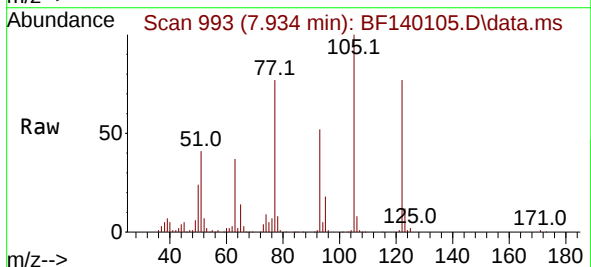
Tgt Ion:128 Resp: 1073825
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.6 16.0

Manual Integrations
APPROVED

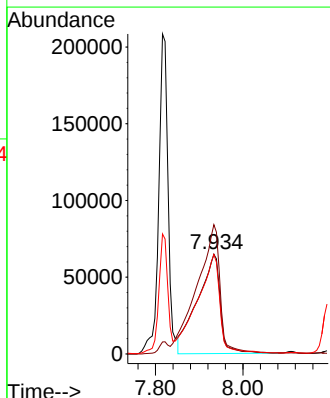
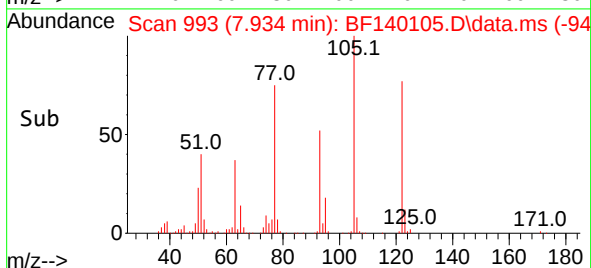
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 46.443 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



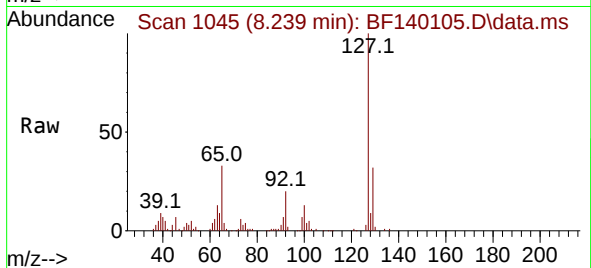
Tgt Ion:122 Resp: 236255
Ion Ratio Lower Upper
122 100
105 129.6 107.6 147.6
77 99.7 80.2 120.2





#33
4-Chloroaniline
Concen: 11.948 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

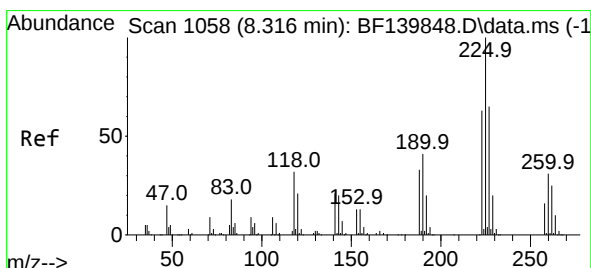
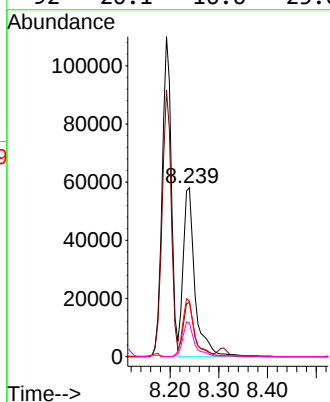
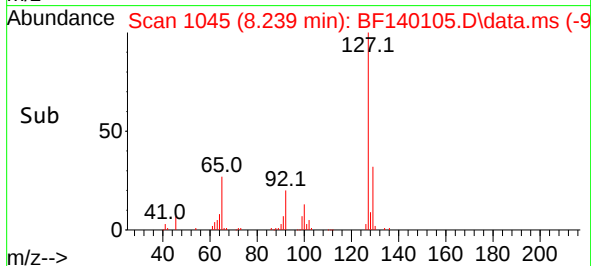
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion:	127	Resp:	98478
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.4	38.2
65	33.0	28.4	42.6
92	20.1	16.6	25.0

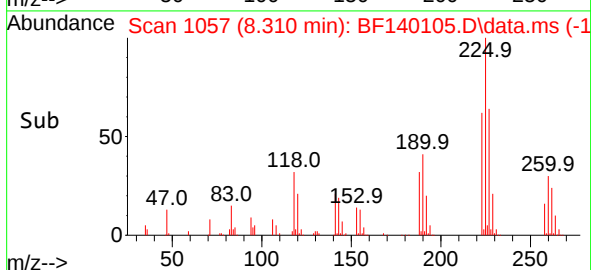
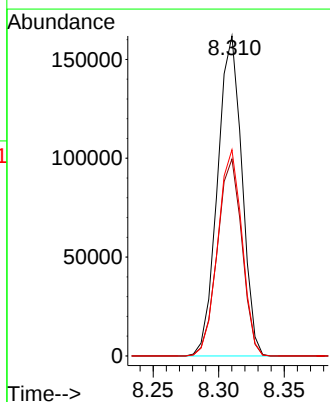
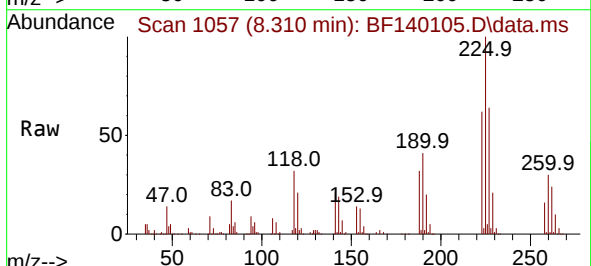
Manual Integrations
APPROVED

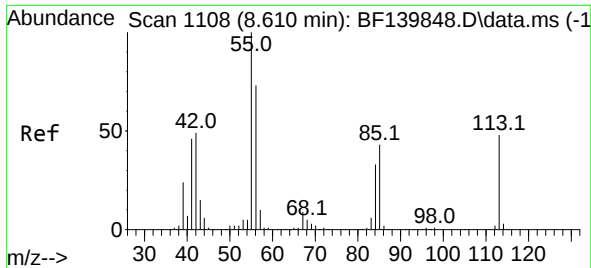
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 45.293 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

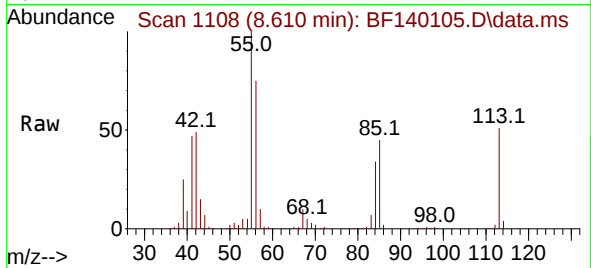
Tgt Ion:	225	Resp:	209194
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.6	76.0
227	64.4	51.8	77.8





#35
Caprolactam
Concen: 47.517 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

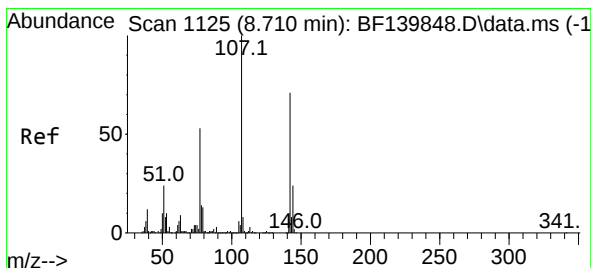
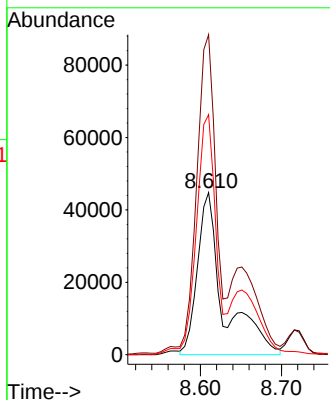
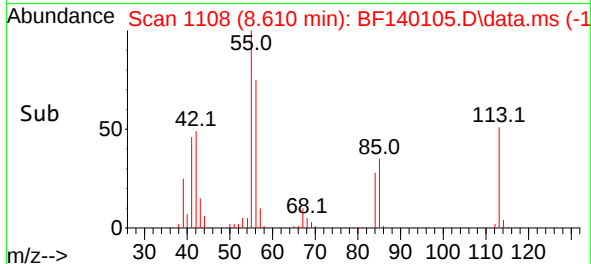
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



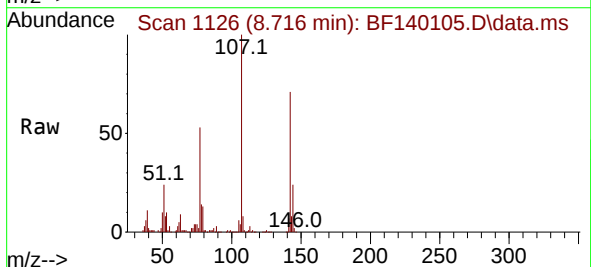
Tgt Ion:113 Resp: 100372
Ion Ratio Lower Upper
113 100
55 197.4 189.2 229.2
56 148.0 132.5 172.5

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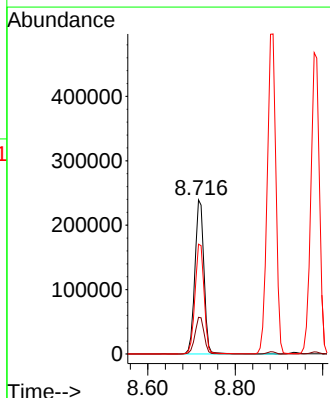
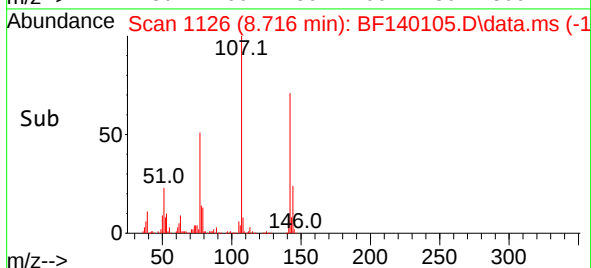
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

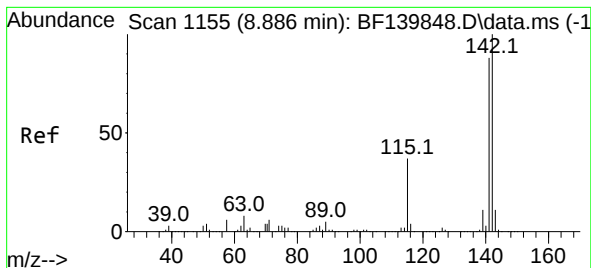


#36
4-Chloro-3-methylphenol
Concen: 46.962 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



Tgt Ion:107 Resp: 345453
Ion Ratio Lower Upper
107 100
144 23.7 19.1 28.7
142 71.3 57.2 85.8





#37

2-Methylnaphthalene

Concen: 46.037 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

Tgt Ion:142 Resp: 68154

Ion Ratio Lower Upper

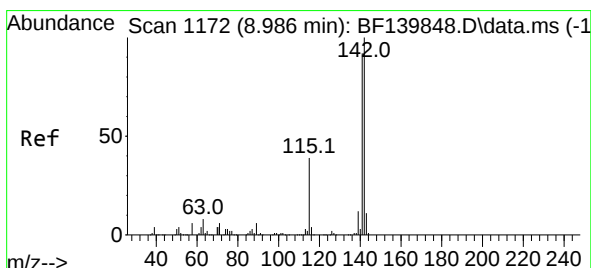
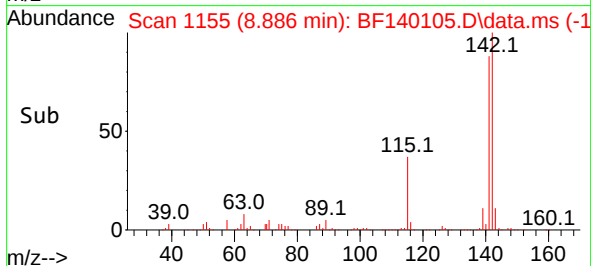
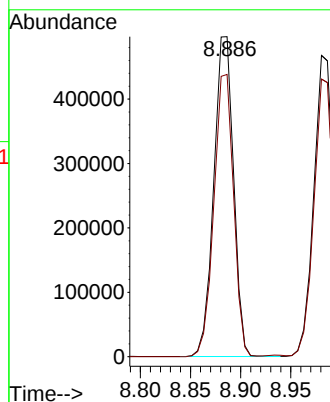
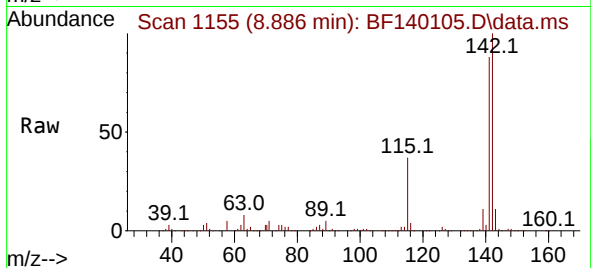
142 100

141 88.2 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#38

1-Methylnaphthalene

Concen: 43.725 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140105.D

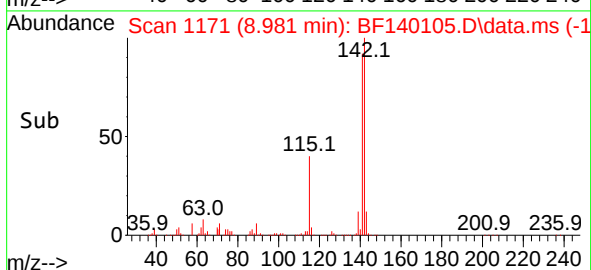
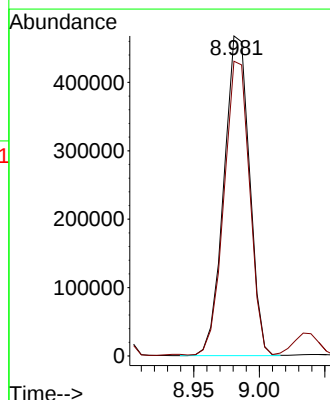
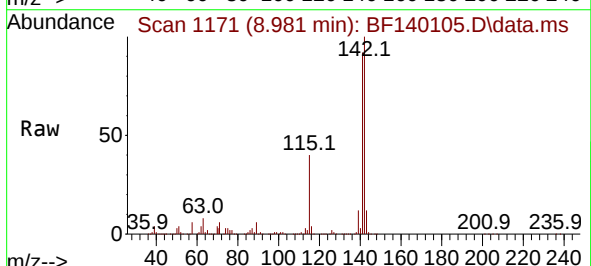
Acq: 29 Oct 2024 12:02

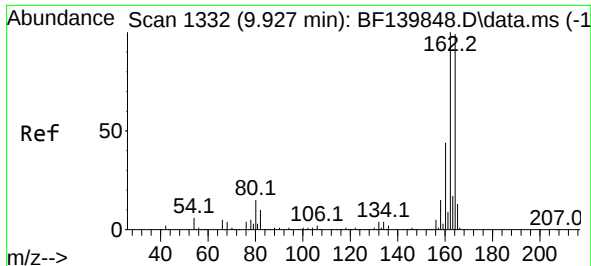
Tgt Ion:142 Resp: 635082

Ion Ratio Lower Upper

142 100

141 92.1 73.5 110.3





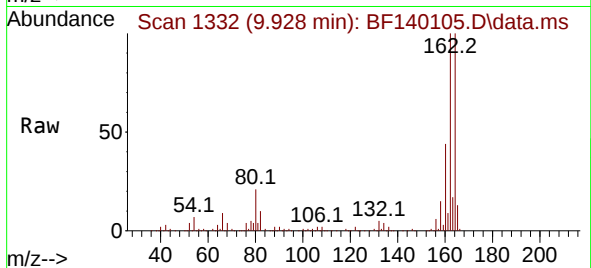
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

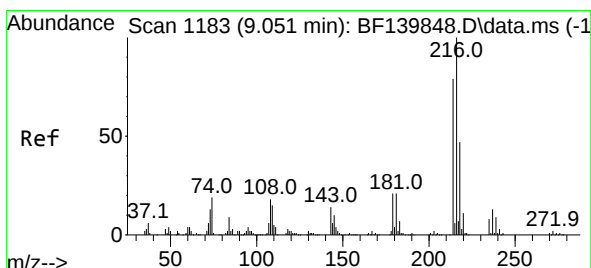
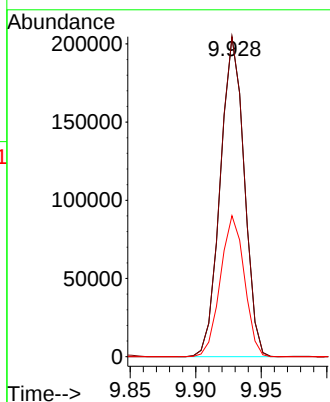
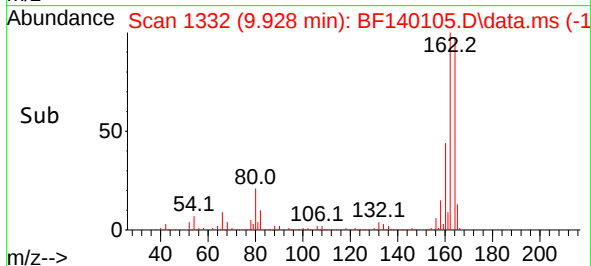


Tgt Ion:164 Resp: 258838
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 44.1 35.4 53.0

Manual Integrations

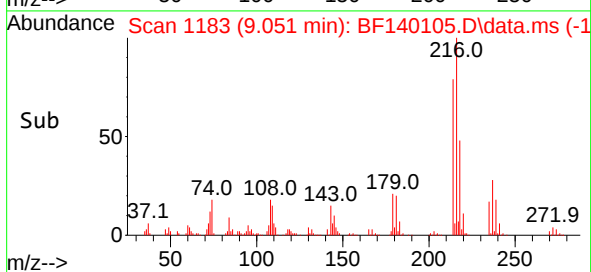
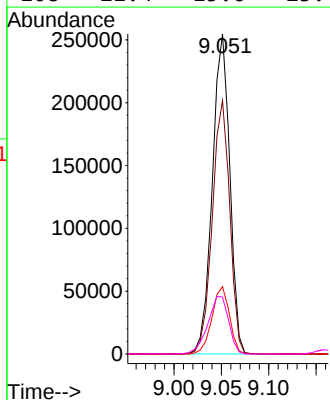
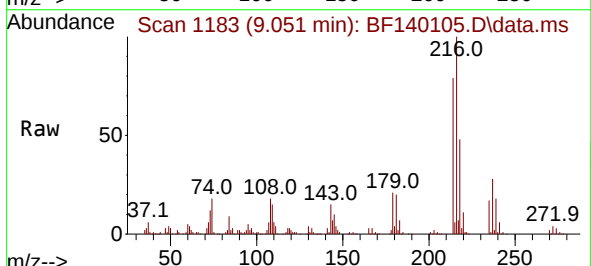
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.603 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

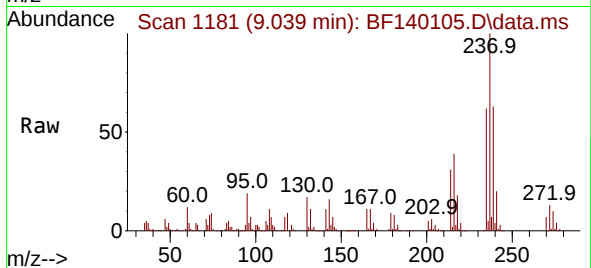
Tgt Ion:216 Resp: 325431
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 21.2 17.2 25.8
108 21.4 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 167.908 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

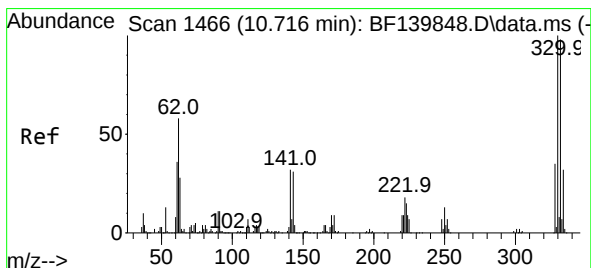
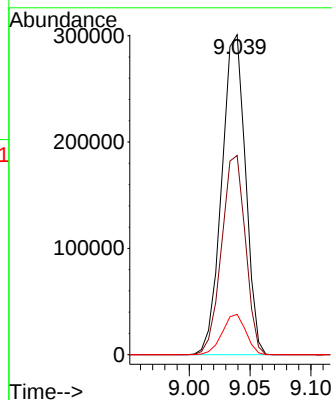
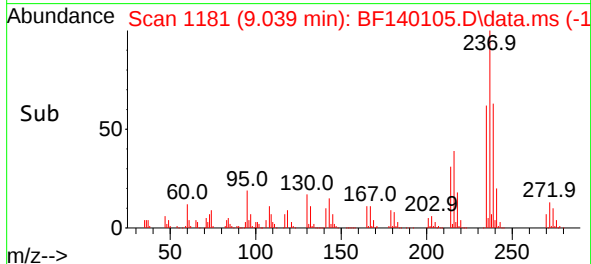
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



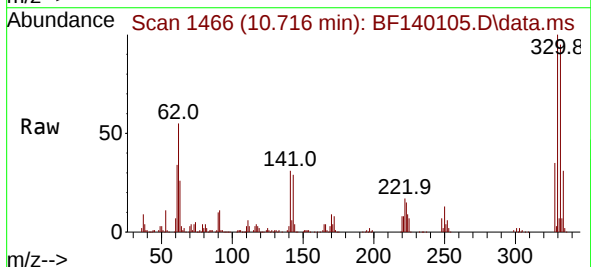
Tgt Ion:237 Resp: 407970
Ion Ratio Lower Upper
237 100
235 62.2 42.9 82.9
272 12.6 0.0 32.3

Manual Integrations
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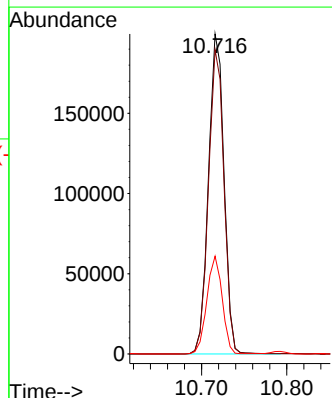
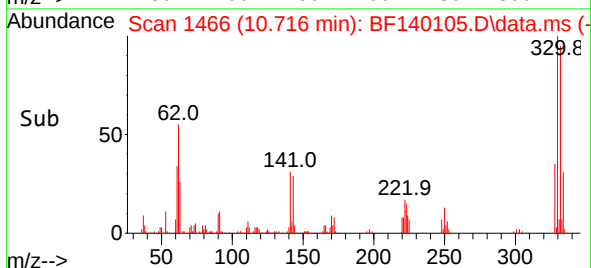
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#42
2,4,6-Tribromophenol
Concen: 104.419 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



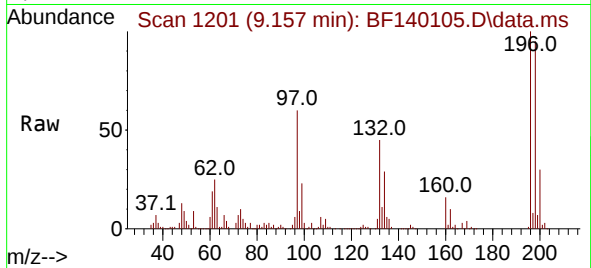
Tgt Ion:330 Resp: 252807
Ion Ratio Lower Upper
330 100
332 95.0 78.1 117.1
141 30.3 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 47.305 ng
RT: 9.157 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

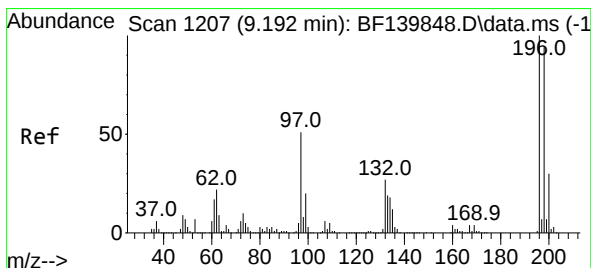
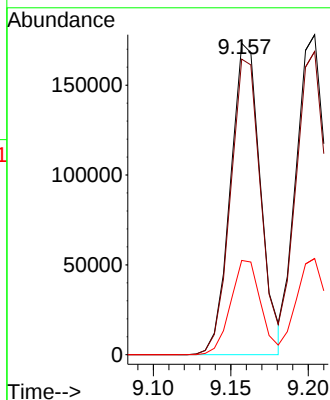
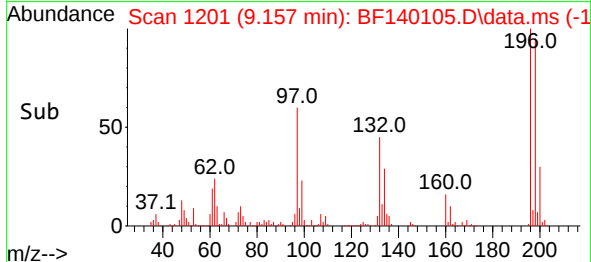
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



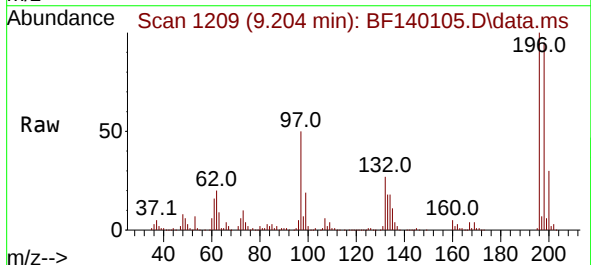
Tgt Ion:196 Resp: 23387
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
200 30.3 24.0 36.0

Manual Integrations
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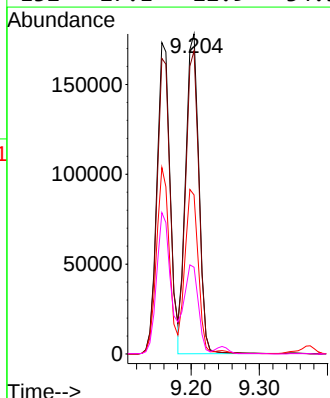
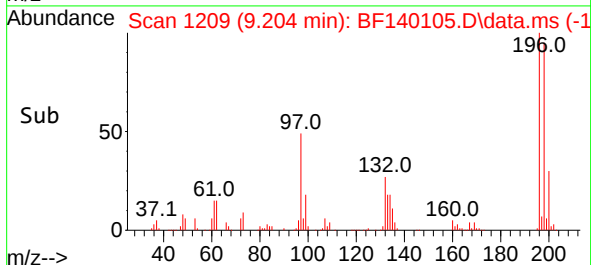
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

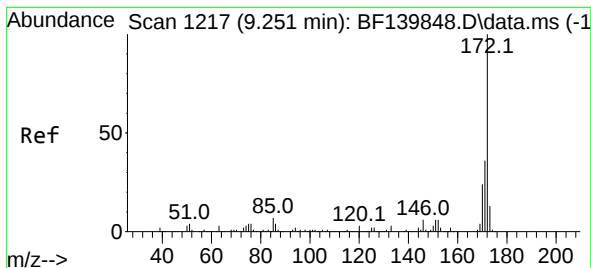


#44
2,4,5-Trichlorophenol
Concen: 46.804 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



Tgt Ion:196 Resp: 238739
Ion Ratio Lower Upper
196 100
198 94.8 75.8 113.6
97 49.7 41.8 62.6
132 27.1 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 65.658 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

Tgt Ion:172 Resp: 102829

Ion Ratio Lower Upper

172 100

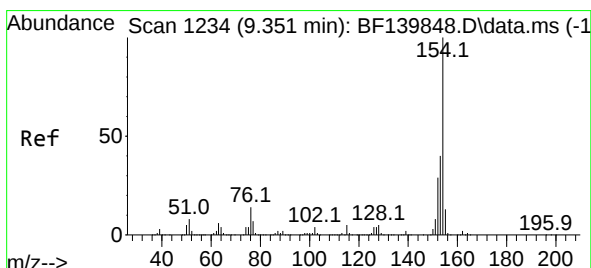
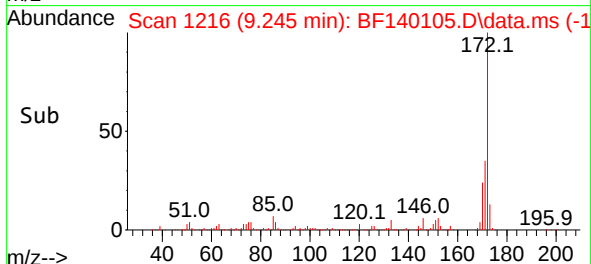
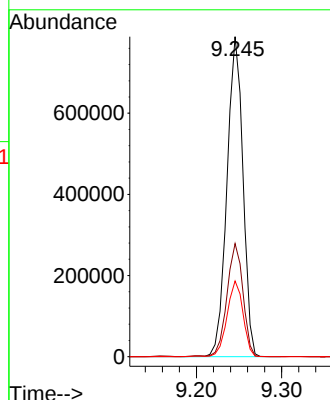
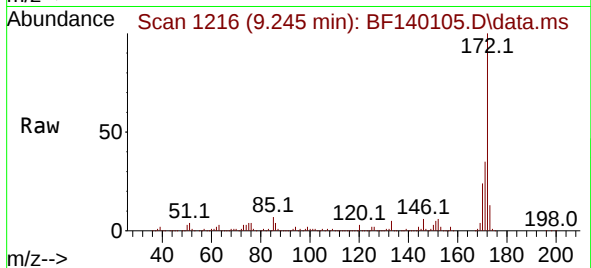
171 35.3 28.6 43.0

170 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 45.616 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

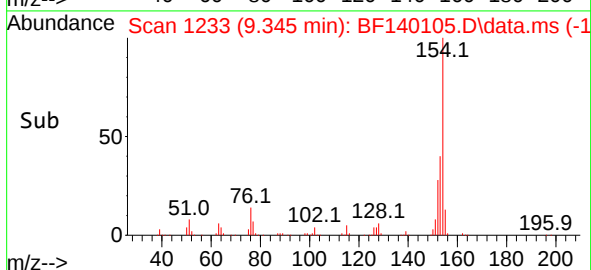
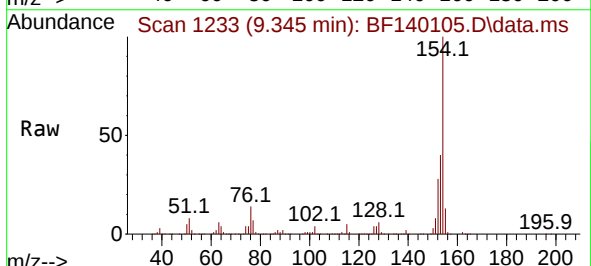
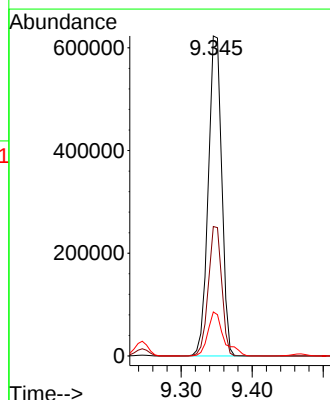
Tgt Ion:154 Resp: 821944

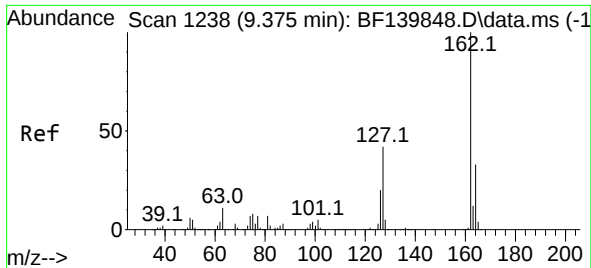
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.186 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

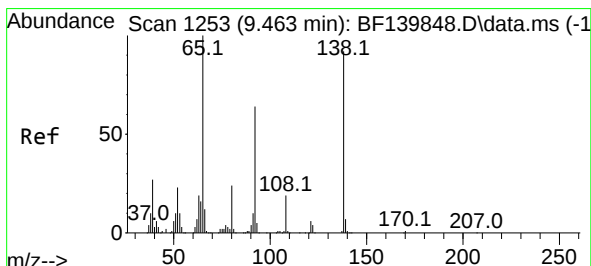
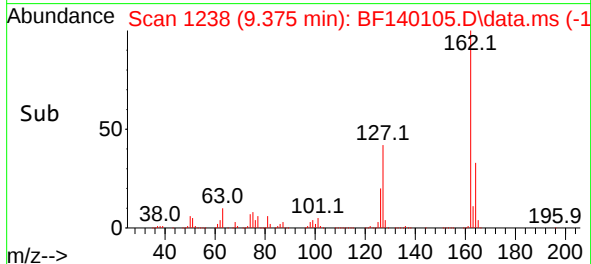
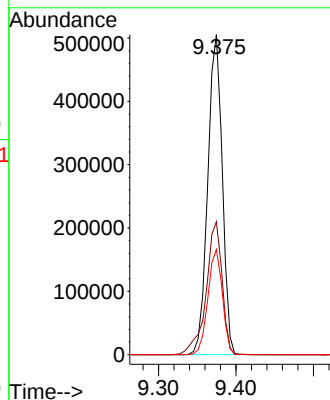
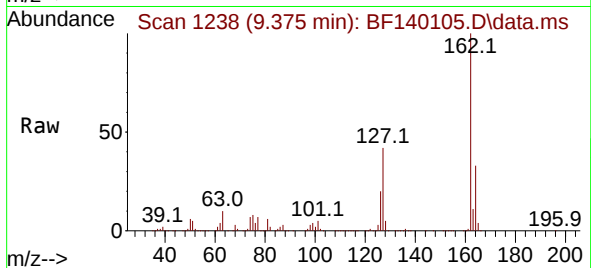
Tgt Ion:162 Resp: 655768

Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.8	50.6
164	32.9	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#48

2-Nitroaniline

Concen: 51.314 ng

RT: 9.469 min Scan# 1254

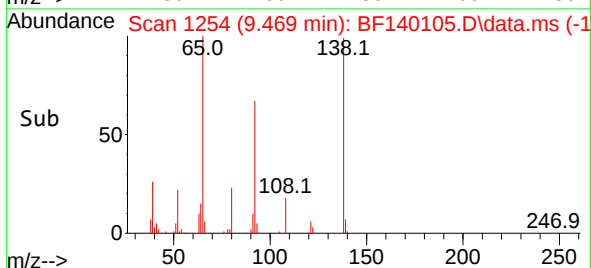
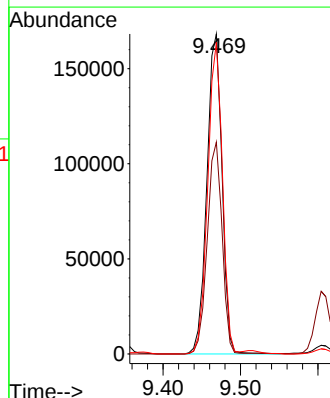
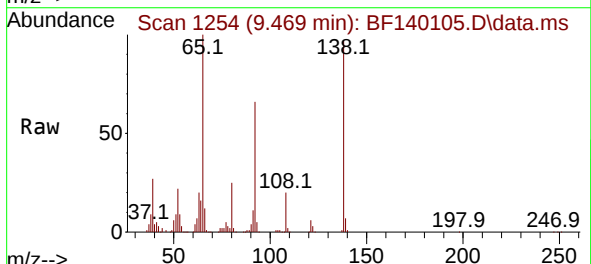
Delta R.T. 0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Tgt Ion: 65 Resp: 227765

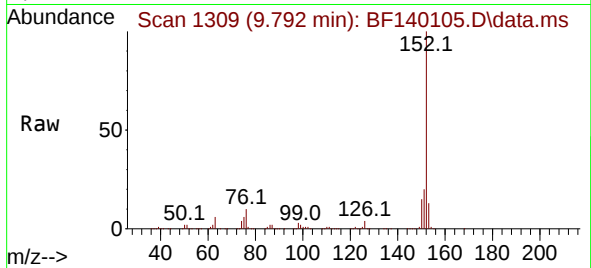
Ion	Ratio	Lower	Upper
65	100		
92	66.2	50.9	76.3
138	97.3	73.4	110.0





#49
Acenaphthylene
Concen: 48.778 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

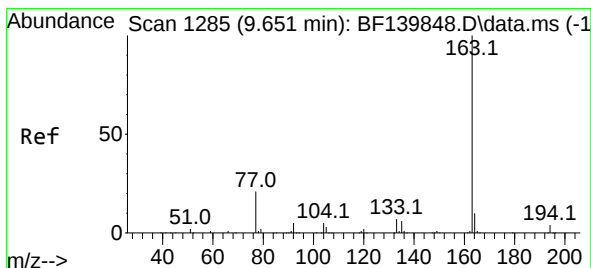
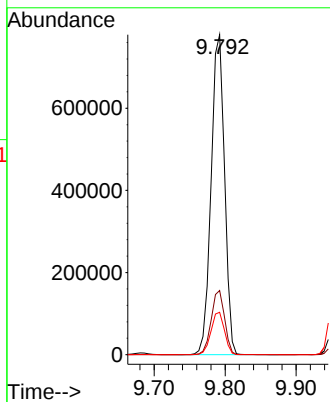
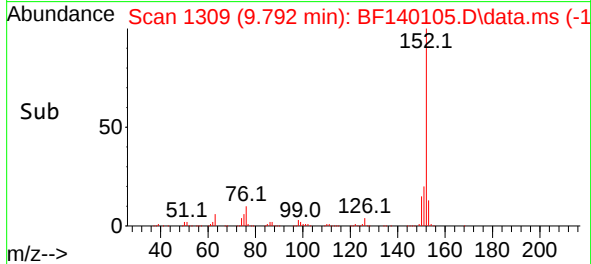
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



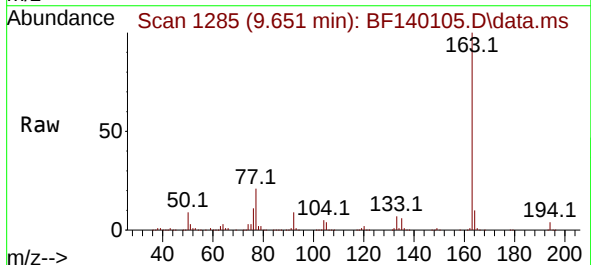
Tgt Ion:152 Resp: 1023418
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.7 16.1

Manual Integrations
APPROVED

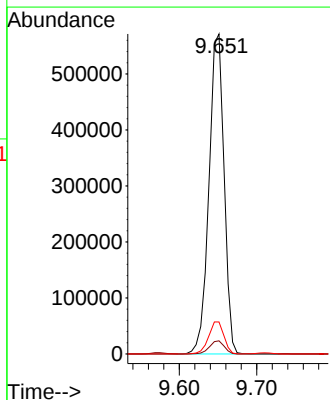
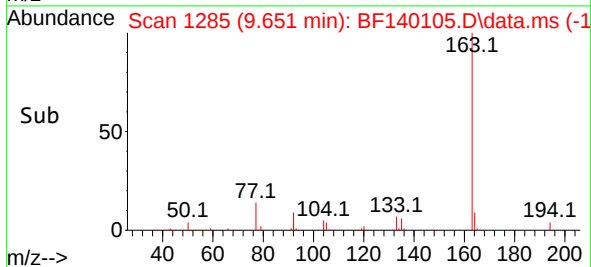
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

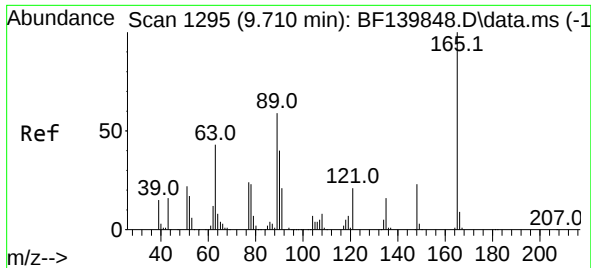


#50
Dimethylphthalate
Concen: 48.106 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



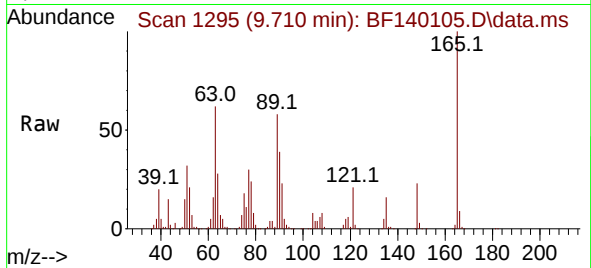
Tgt Ion:163 Resp: 775588
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.415 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

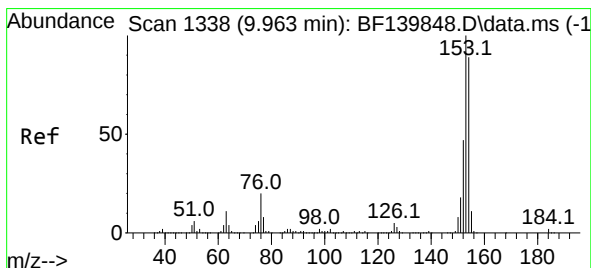
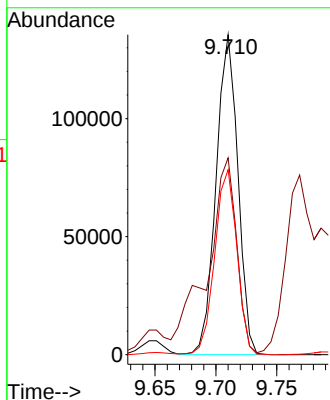
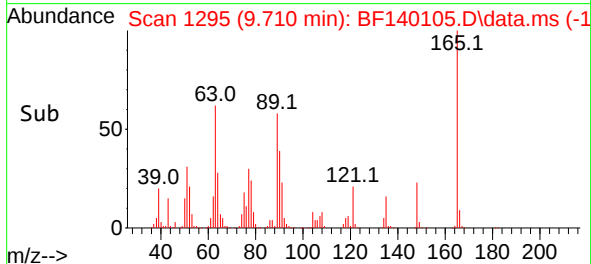
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion:165 Resp: 169010
Ion Ratio Lower Upper
165 100
63 61.5 50.6 75.8
89 57.8 47.5 71.3

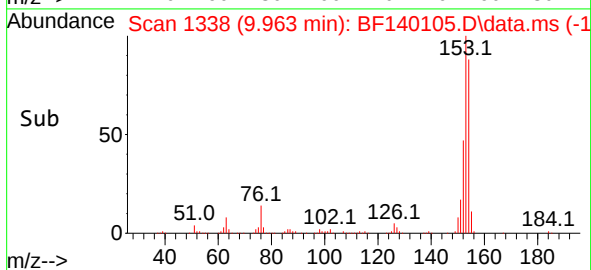
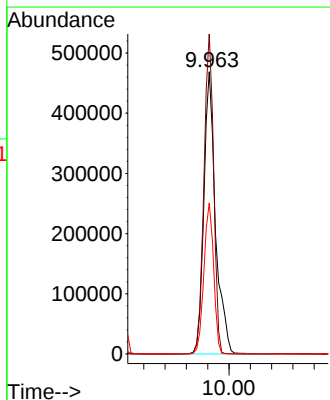
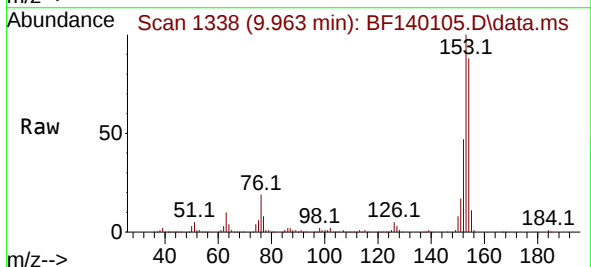
Manual Integrations
APPROVED

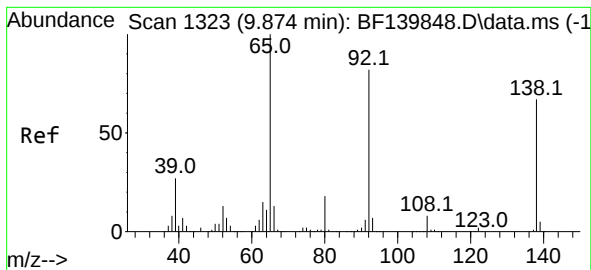
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 52.838 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

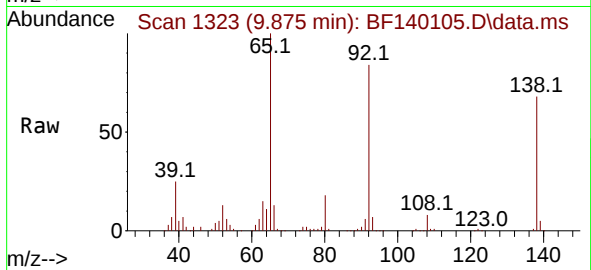
Tgt Ion:154 Resp: 717149
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 53.5 42.4 63.6





#53
3-Nitroaniline
Concen: 25.915 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

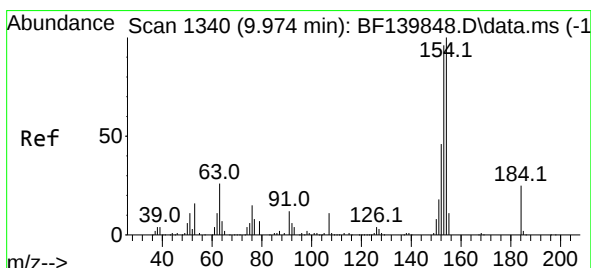
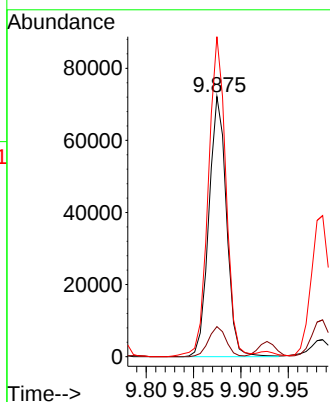
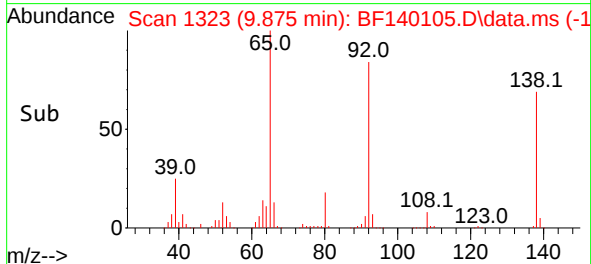
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



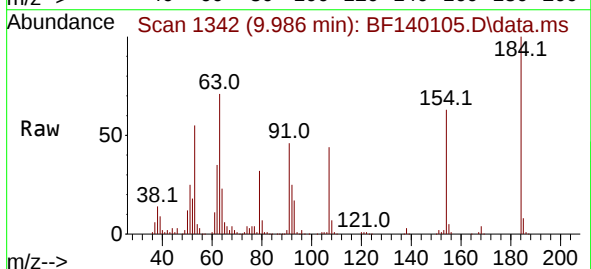
Tgt Ion:138 Resp: 93290
Ion Ratio Lower Upper
138 100
108 11.6 10.2 15.2
92 123.0 98.3 147.5

Manual Integrations
APPROVED

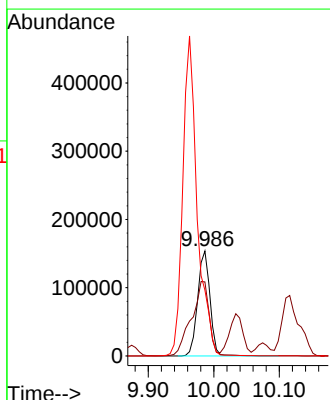
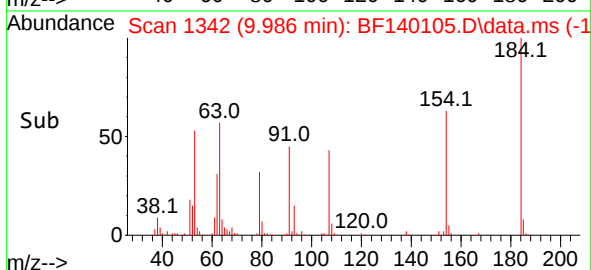
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

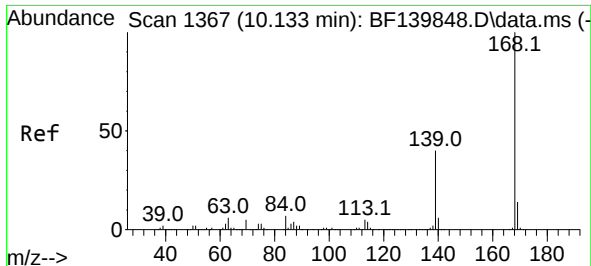


#54
2,4-Dinitrophenol
Concen: 134.403 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



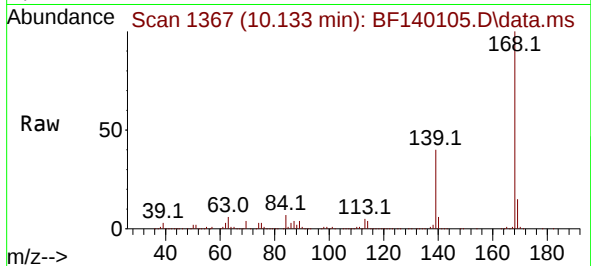
Tgt Ion:184 Resp: 201945
Ion Ratio Lower Upper
184 100
63 70.6 84.7 127.1#
154 62.6 338.2 507.2#





#55
Dibenzenofuran
Concen: 46.431 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

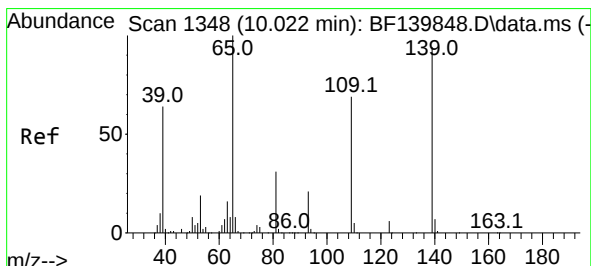
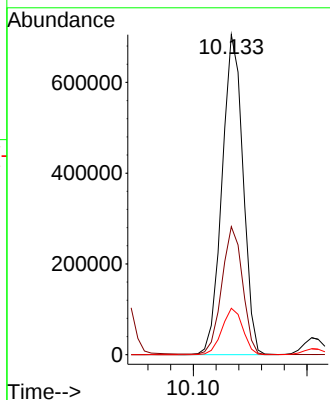
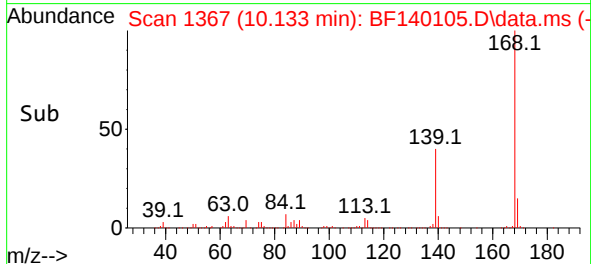
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion:168 Resp: 904160
Ion Ratio Lower Upper
168 100
139 40.0 31.8 47.6
169 14.5 11.6 17.4

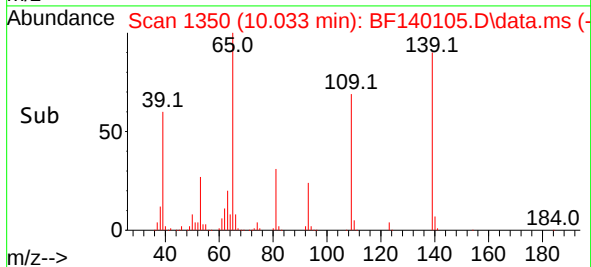
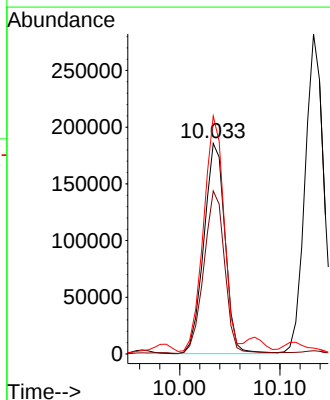
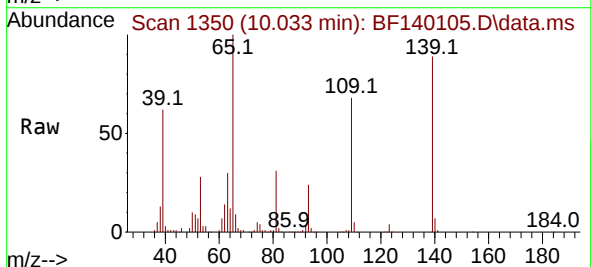
Manual Integrations
APPROVED

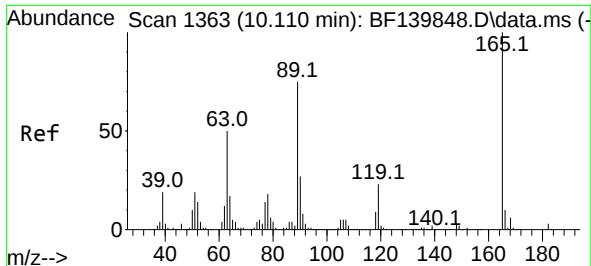
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 98.511 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:139 Resp: 272837
Ion Ratio Lower Upper
139 100
109 77.4 53.6 93.6
65 113.0 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 53.087 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

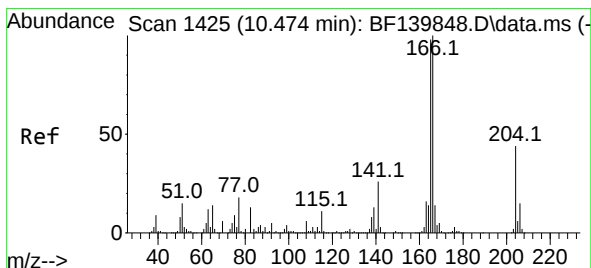
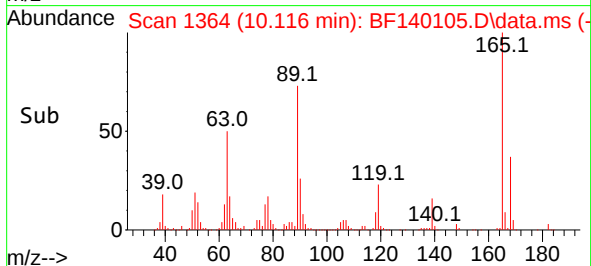
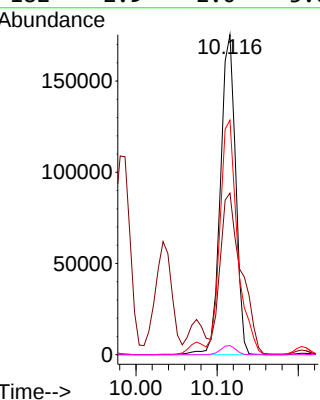
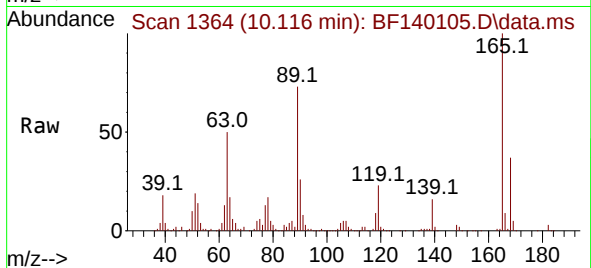
BP-F-18MS

Tgt Ion:165 Resp: 227892
Ion Ratio Lower Upper
165 100
63 50.5 40.1 60.1
89 73.3 60.4 90.6
182 2.9 2.0 3.0

Manual Integrations

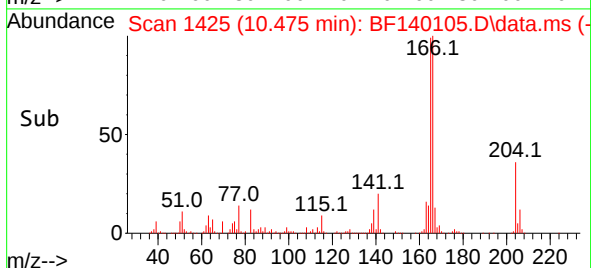
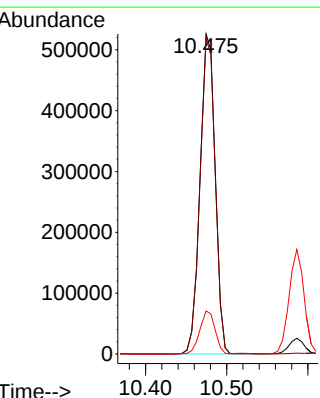
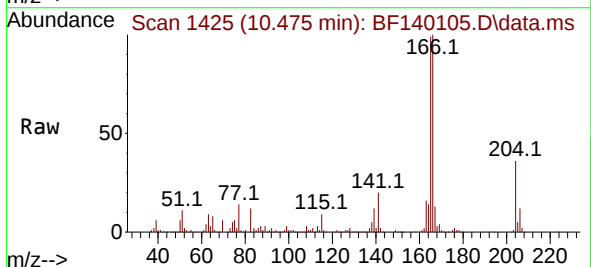
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 45.973 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

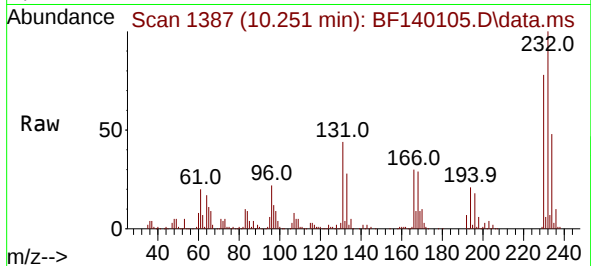
Tgt Ion:166 Resp: 681871
Ion Ratio Lower Upper
166 100
165 98.7 78.5 117.7
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.715 ng m
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

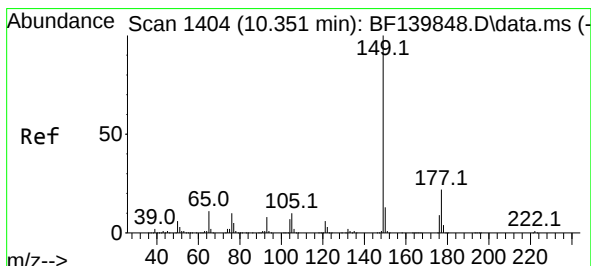
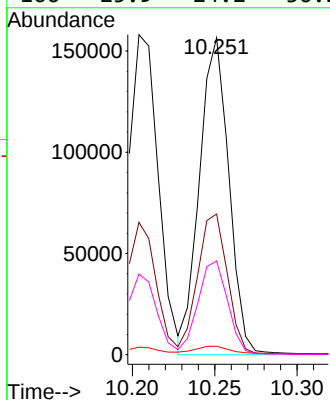
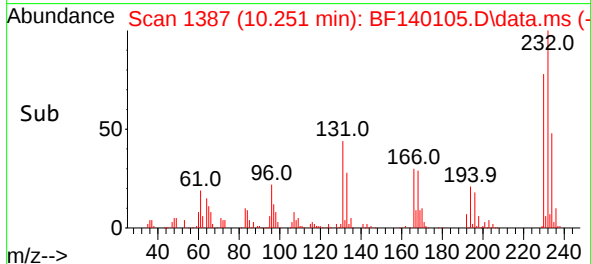
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion:232 Resp: 194791
Ion Ratio Lower Upper
232 100
131 42.2 37.0 55.6
130 2.9 1.9 2.9
166 25.9 24.2 36.2

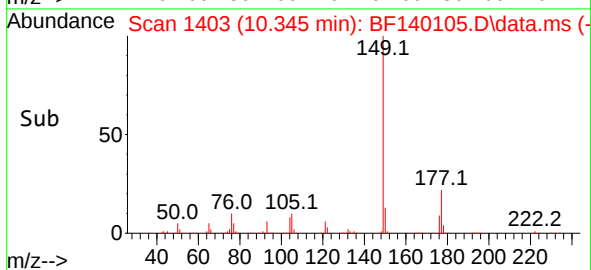
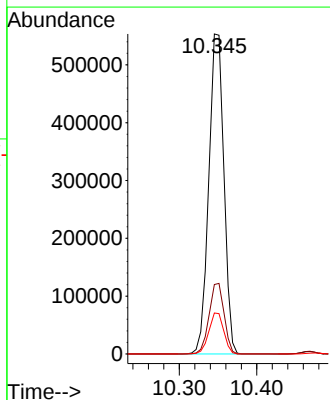
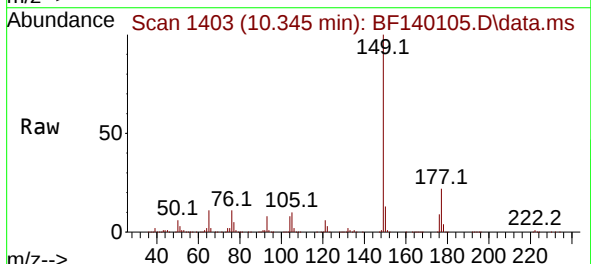
Manual Integrations
APPROVED

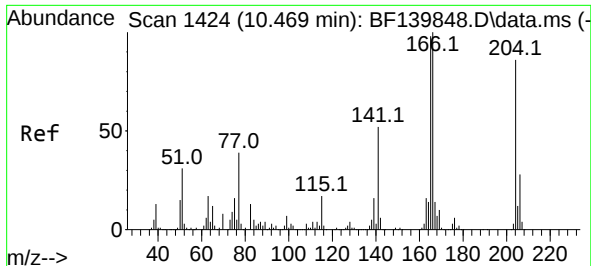
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 47.411 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

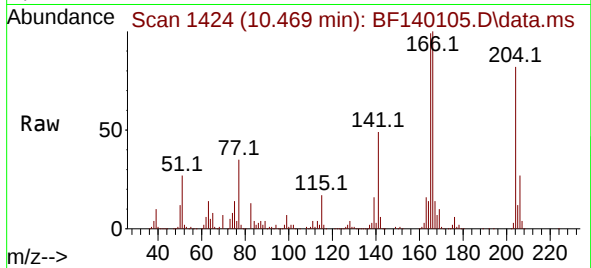
Tgt Ion:149 Resp: 750506
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.495 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

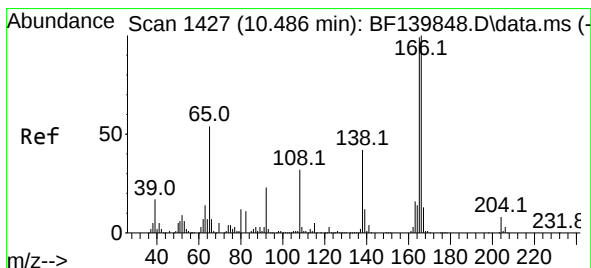
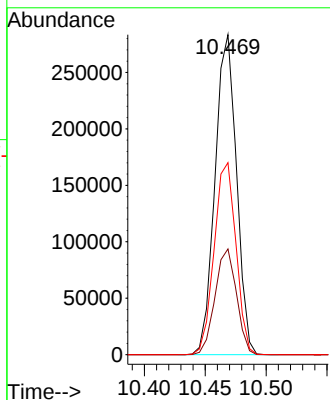
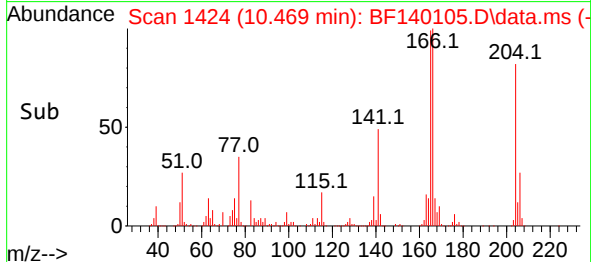
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



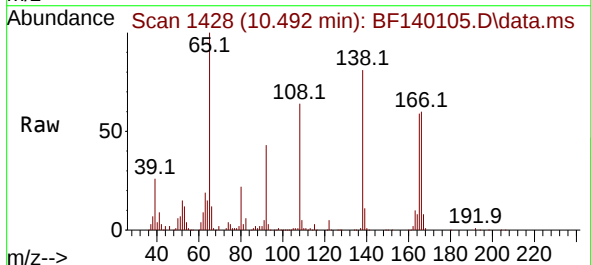
Tgt Ion:204 Resp: 34825
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 60.0 48.6 73.0

Manual Integrations
APPROVED

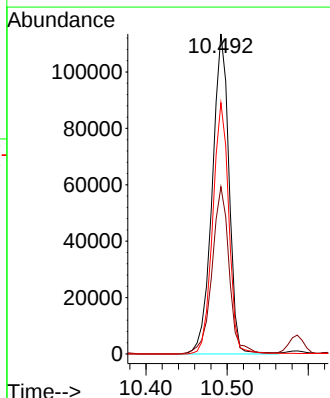
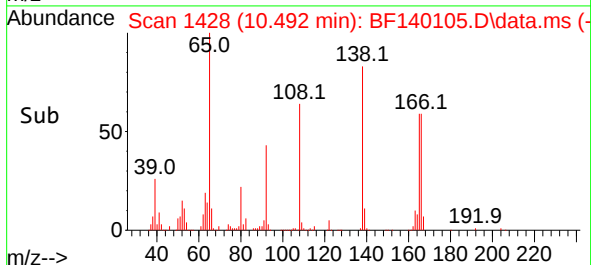
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

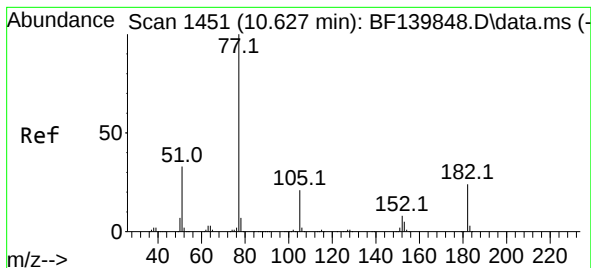


#62
4-Nitroaniline
Concen: 47.949 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



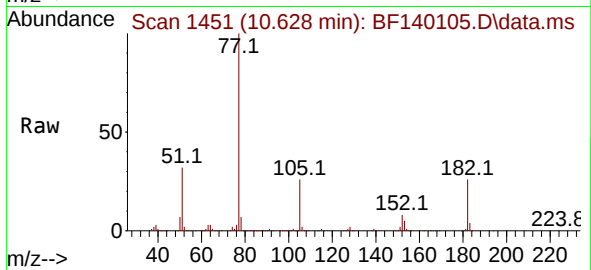
Tgt Ion:138 Resp: 163027
Ion Ratio Lower Upper
138 100
92 52.3 35.7 75.7
108 78.5 57.5 97.5





#63
Azobenzene
Concen: 53.259 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

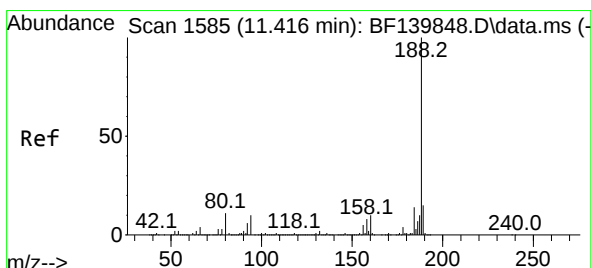
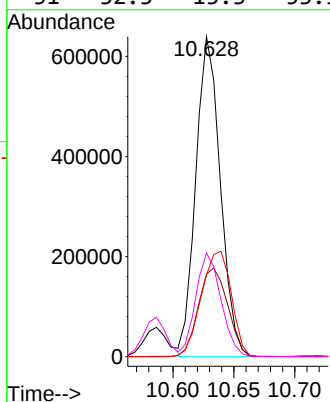
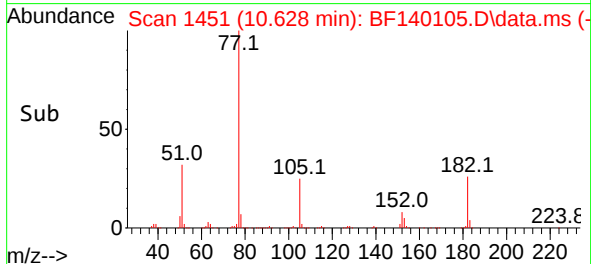
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



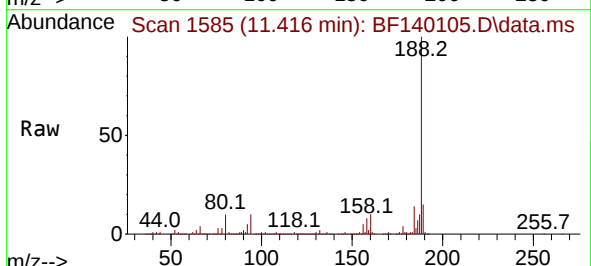
Tgt Ion: 77 Resp: 893808
Ion Ratio Lower Upper
77 100
182 25.8 3.3 43.3
105 25.6 1.2 41.2
51 32.3 13.3 53.3

Manual Integrations
APPROVED

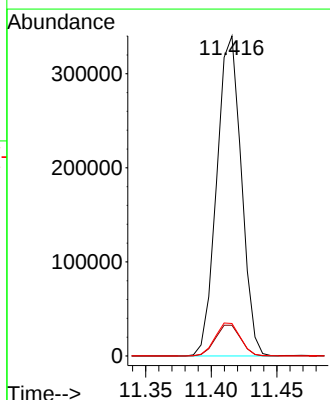
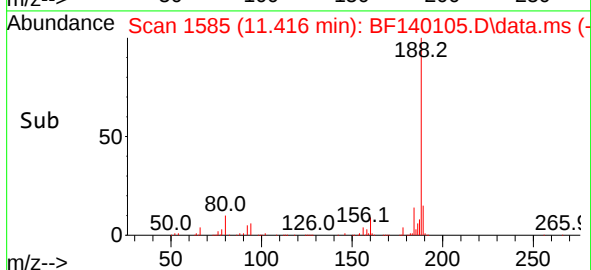
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



Tgt Ion:188 Resp: 443678
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.1 9.0 13.4





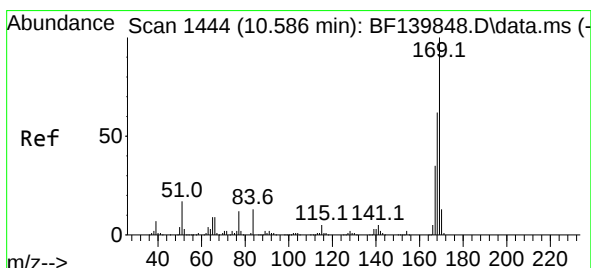
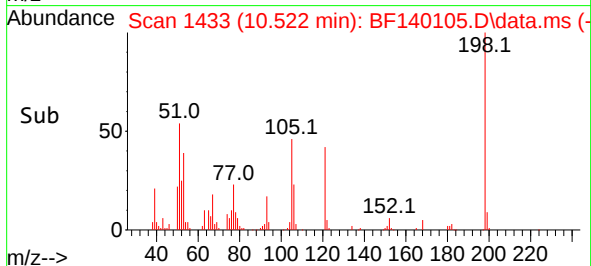
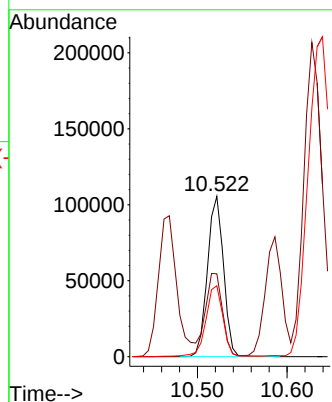
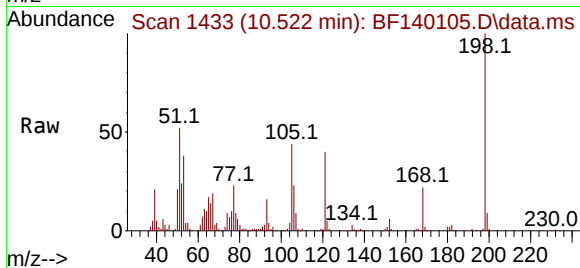
#65
4,6-Dinitro-2-methylphenol
Concen: 72.569 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :
BNA_F
ClientSampleId :
BP-F-18MS

Tgt Ion:198 Resp: 13133
Ion Ratio Lower Upper
198 100
51 51.7 38.2 78.2
105 44.2 27.9 67.9

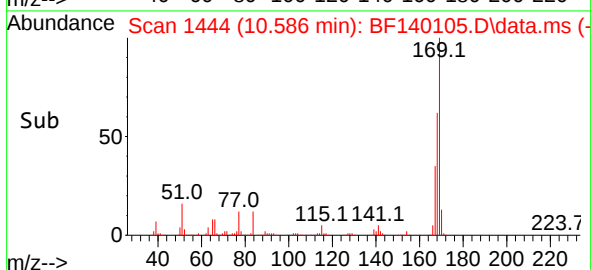
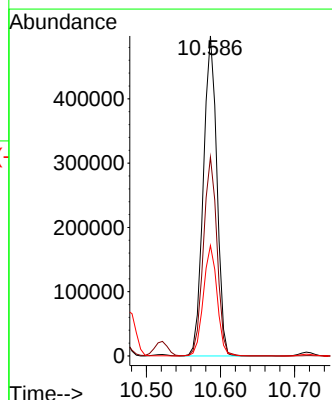
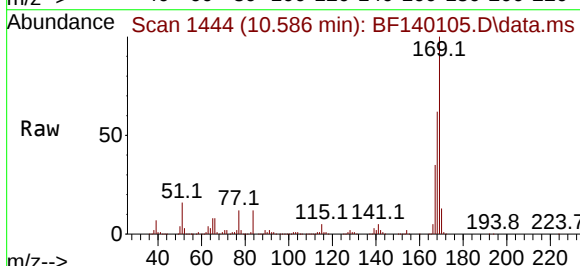
Manual Integrations
APPROVED

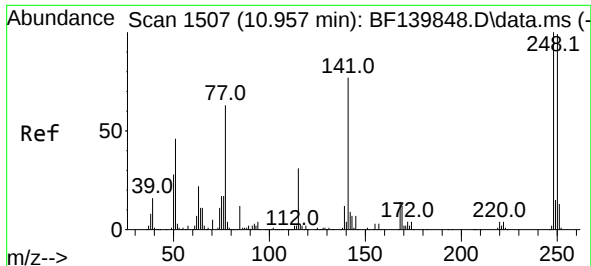
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 47.603 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

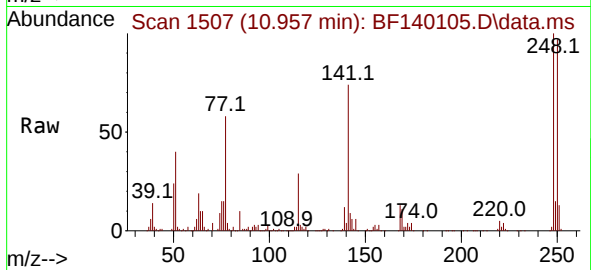
Tgt Ion:169 Resp: 632125
Ion Ratio Lower Upper
169 100
168 62.1 49.8 74.6
167 34.5 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 48.548 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

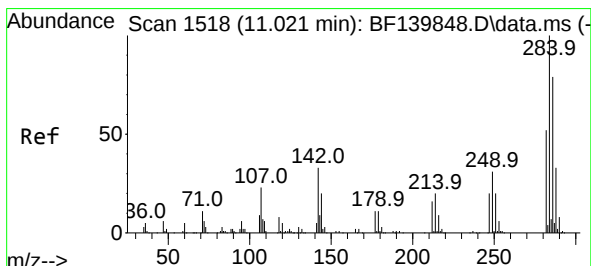
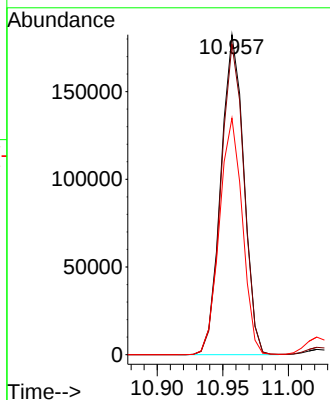
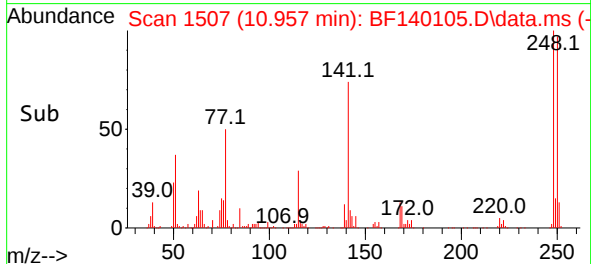
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



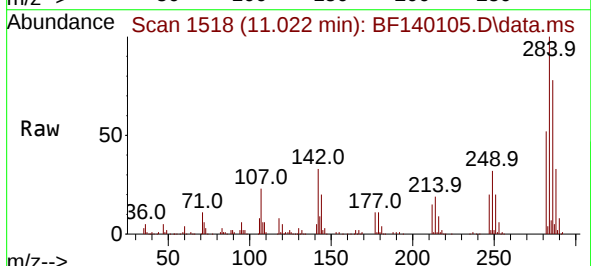
Tgt Ion:248 Resp: 22189
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 73.9 61.7 92.5

Manual Integrations
APPROVED

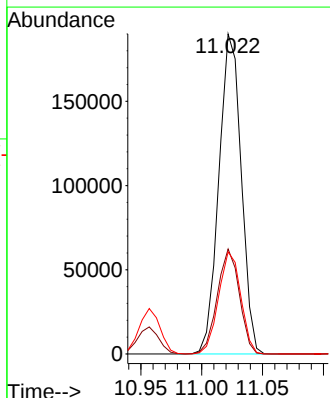
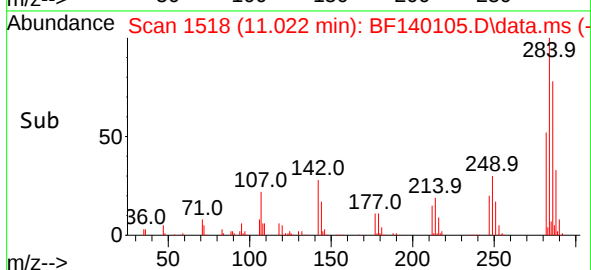
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

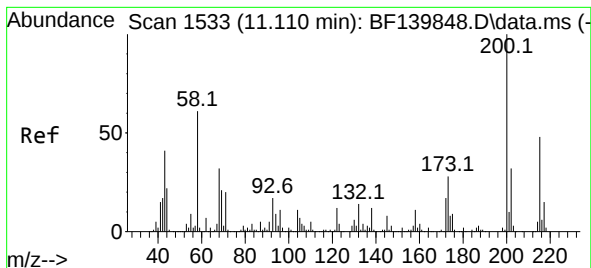


#68
Hexachlorobenzene
Concen: 47.214 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



Tgt Ion:284 Resp: 242705
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 31.9 25.3 37.9





#69

Atrazine

Concen: 55.817 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140105.D

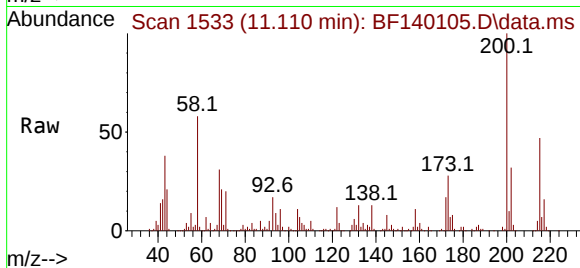
Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

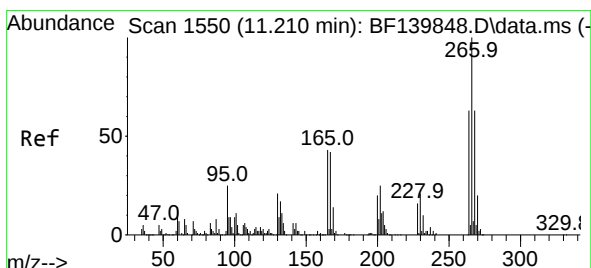
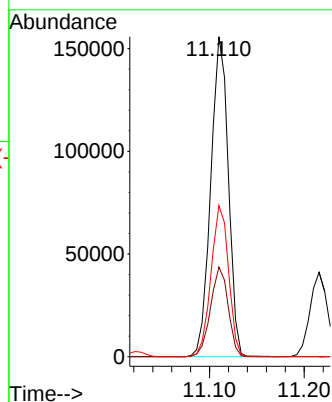
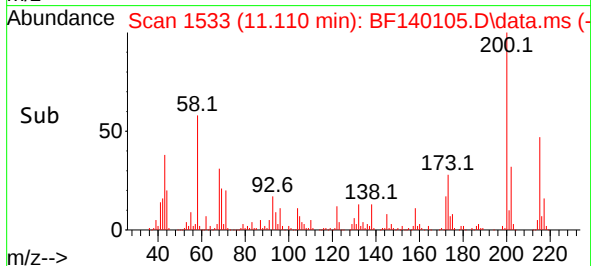


Tgt Ion:200	Resp: 200780
Ion Ratio	Lower Upper
200	100
173	28.0 7.7 47.7
215	47.2 27.7 67.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 92.905 ng

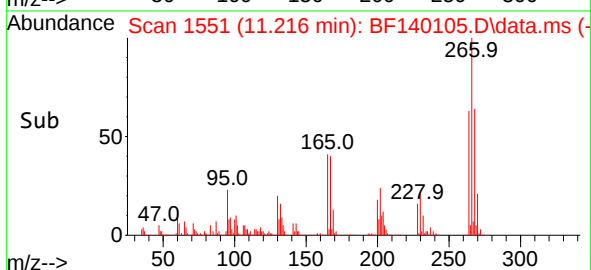
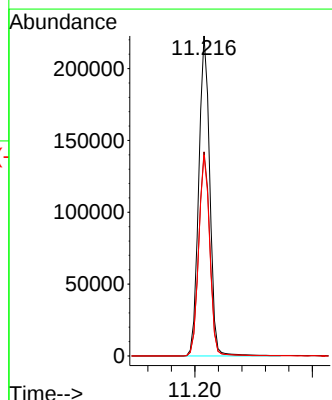
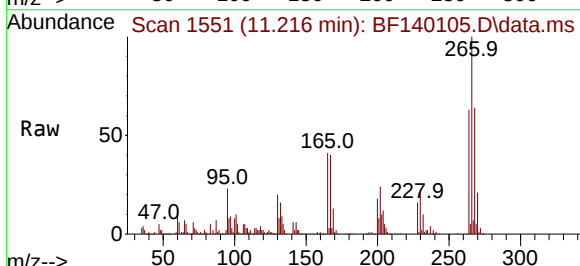
RT: 11.216 min Scan# 1551

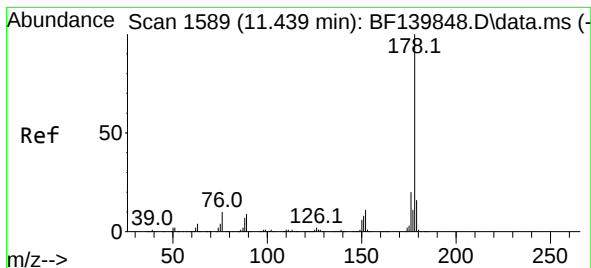
Delta R.T. 0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

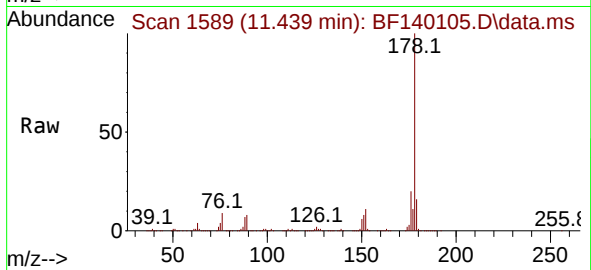
Tgt Ion:266	Resp: 289848
Ion Ratio	Lower Upper
266	100
268	63.8 50.4 75.6
264	62.8 50.6 75.8





#71
Phenanthrene
Concen: 46.428 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

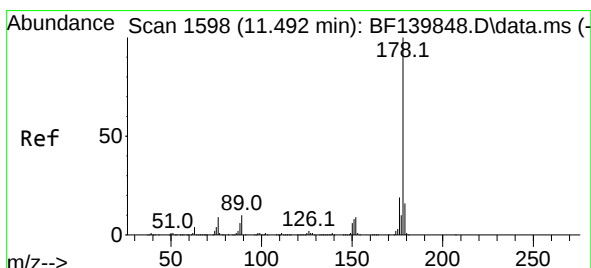
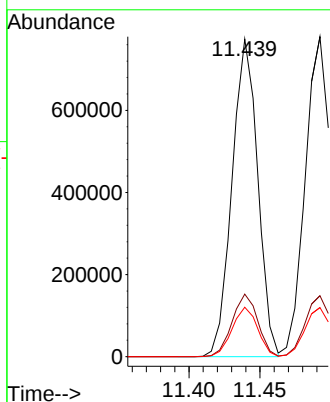
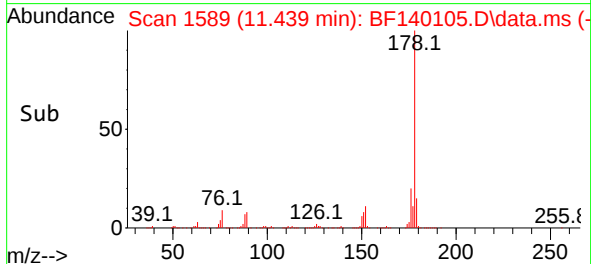
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



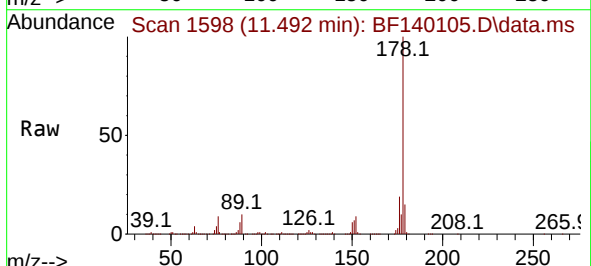
Tgt Ion:178 Resp: 97300
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.6 12.6 18.8

Manual Integrations
APPROVED

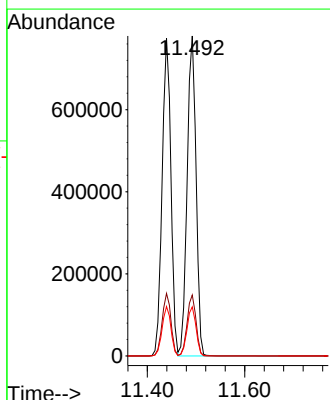
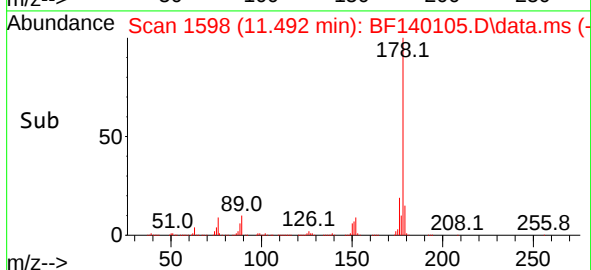
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

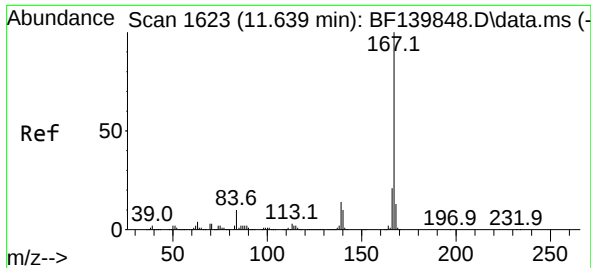


#72
Anthracene
Concen: 48.307 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



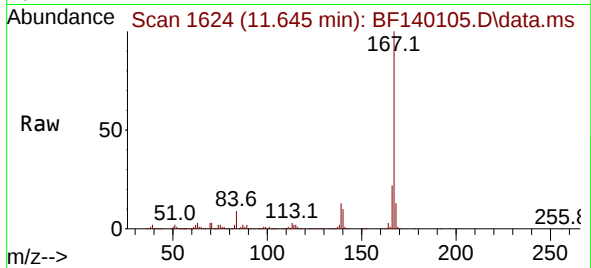
Tgt Ion:178 Resp: 987770
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.4 18.6





#73
Carbazole
Concen: 43.231 ng
RT: 11.645 min Scan# 1623
Delta R.T. 0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

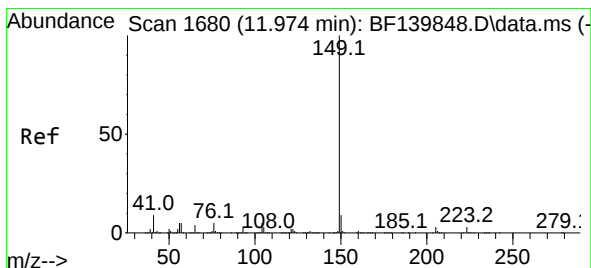
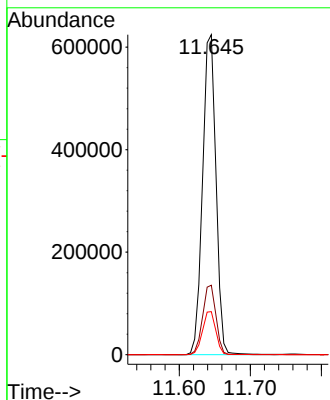
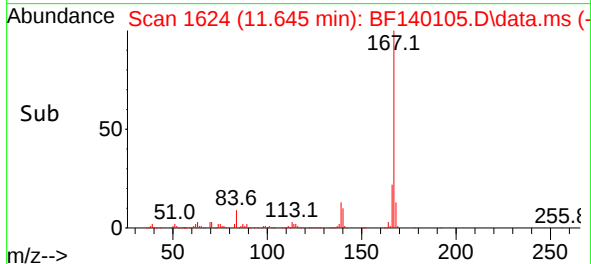
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



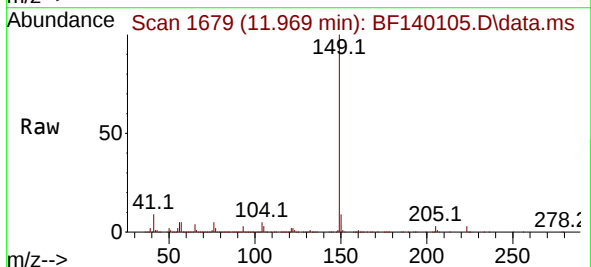
Tgt Ion:167 Resp: 822133
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.6
139 13.4 10.8 16.2

Manual Integrations
APPROVED

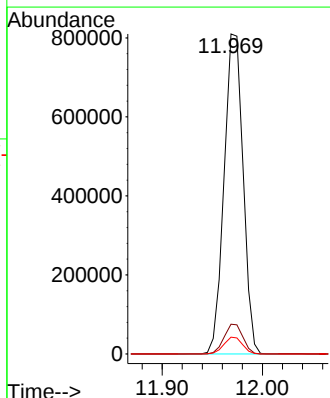
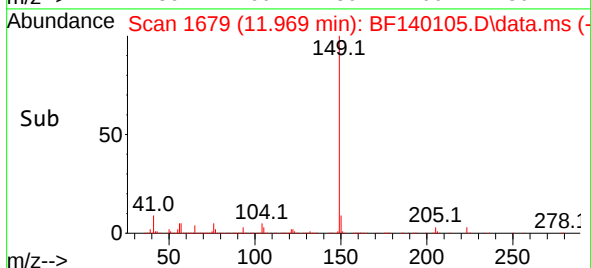
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

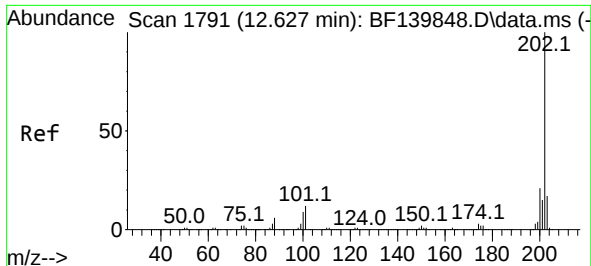


#74
Di-n-butylphthalate
Concen: 48.558 ng
RT: 11.969 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



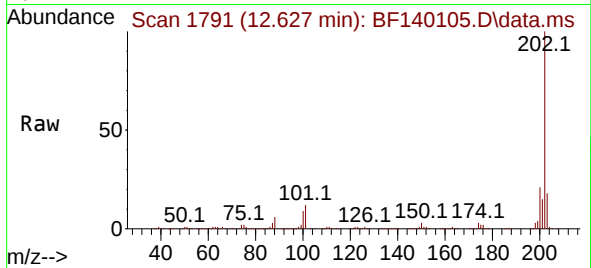
Tgt Ion:149 Resp: 1066878
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 40.247 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

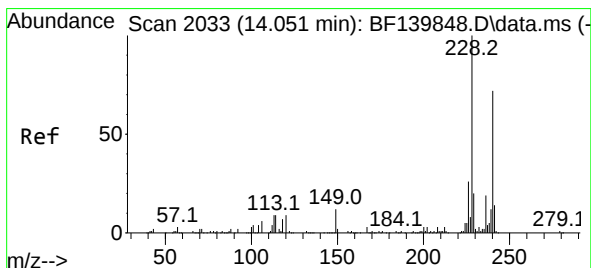
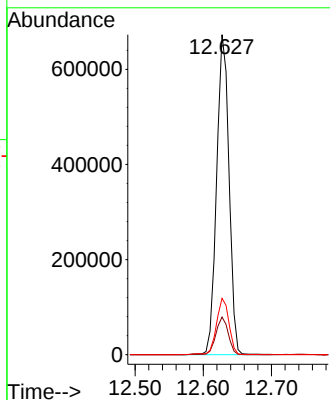
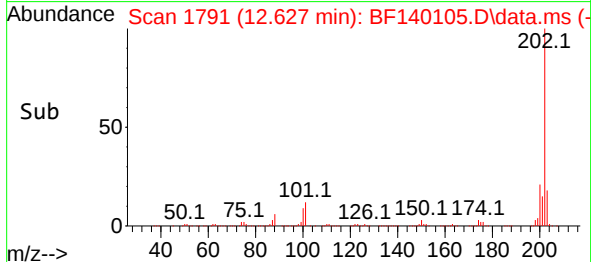
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



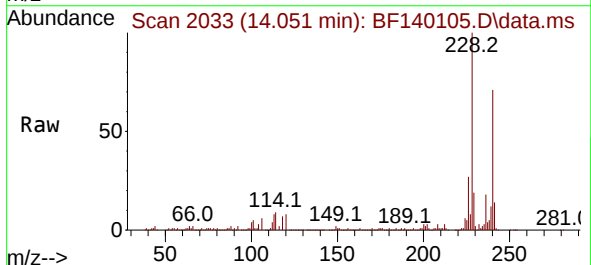
Tgt Ion:202 Resp: 852694
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.9
203 17.6 0.0 37.5

Manual Integrations
APPROVED

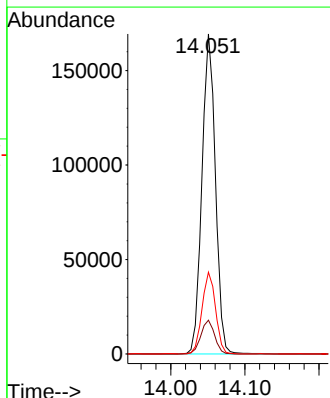
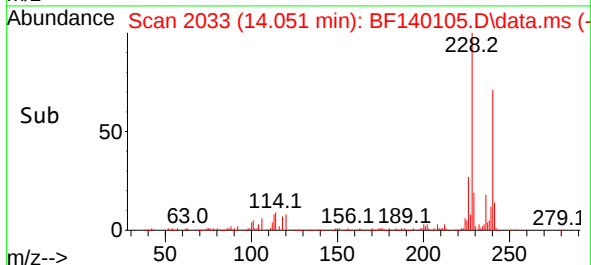
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

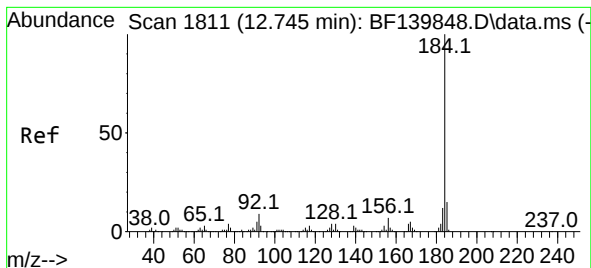


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



Tgt Ion:240 Resp: 213800
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.6 20.9 31.3





#77

Benzidine

Concen: 50.367 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

Tgt Ion:184 Resp: 177069

Ion Ratio Lower Upper

184 100

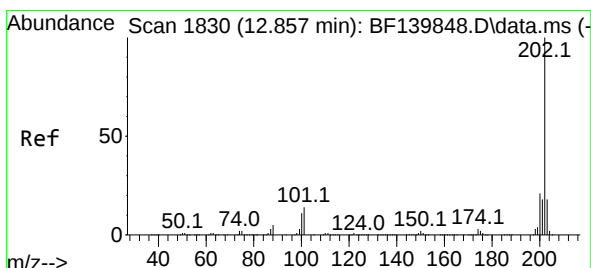
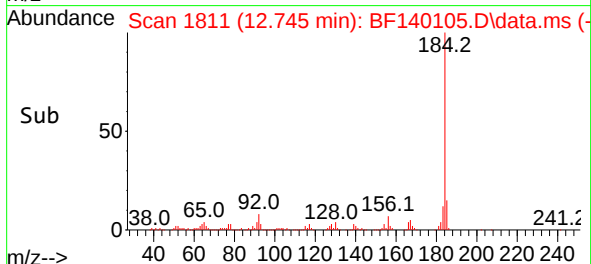
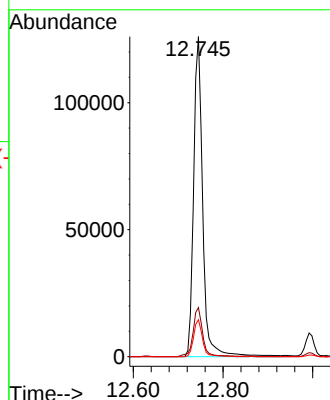
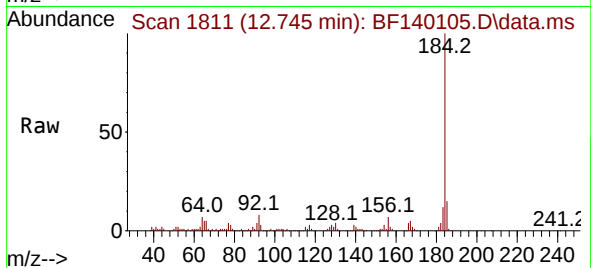
185 15.3 12.0 18.0

183 11.6 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#78

Pyrene

Concen: 45.018 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

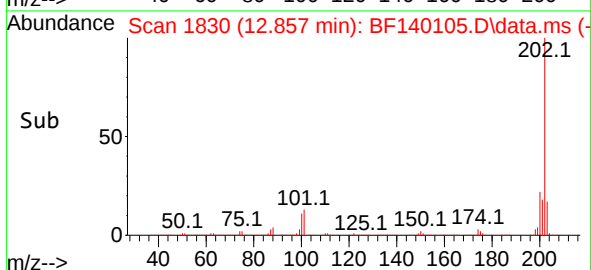
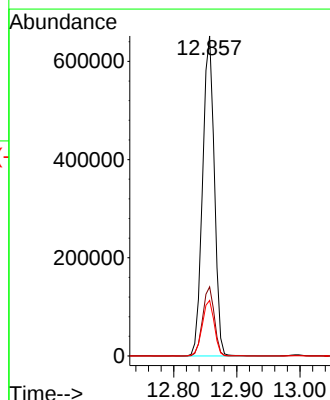
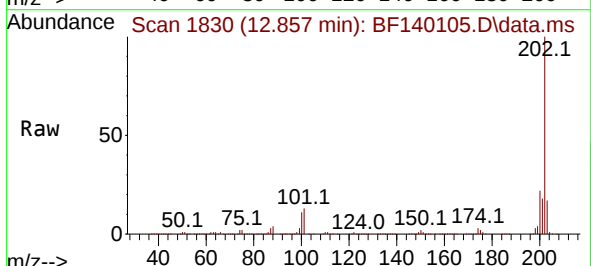
Tgt Ion:202 Resp: 842496

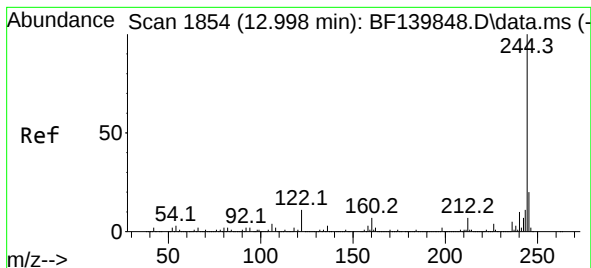
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 66.263 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

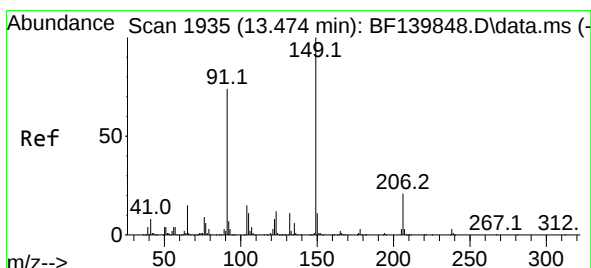
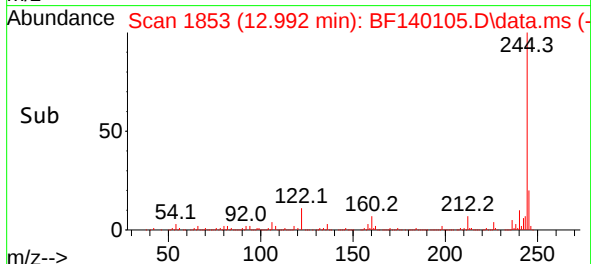
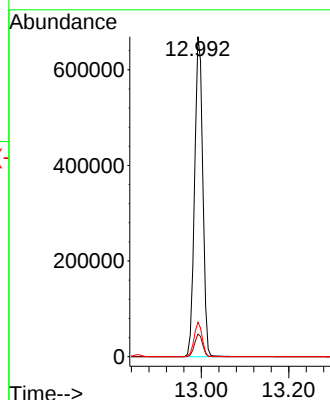
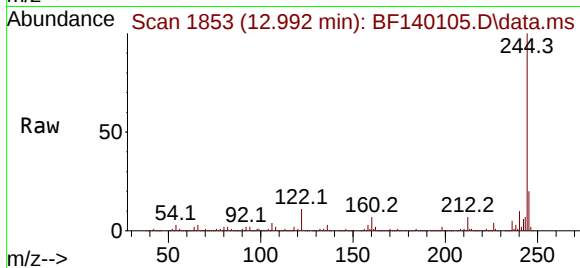
BP-F-18MS

Tgt Ion:244 Resp: 869424
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.7 8.6 13.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 56.727 ng

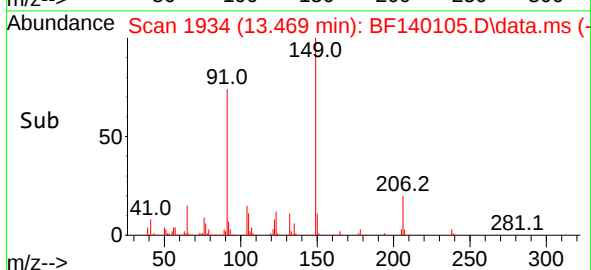
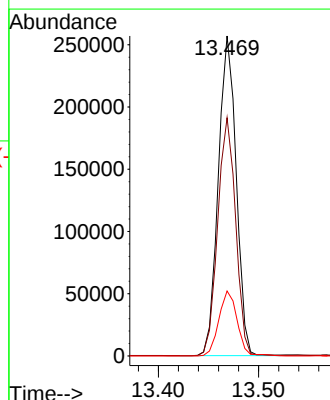
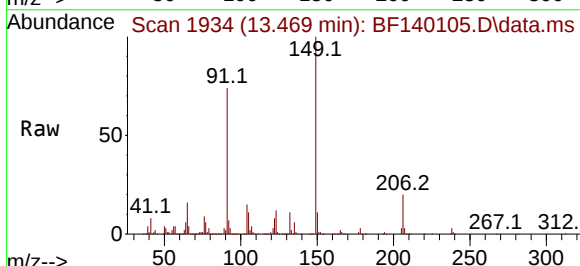
RT: 13.469 min Scan# 1934

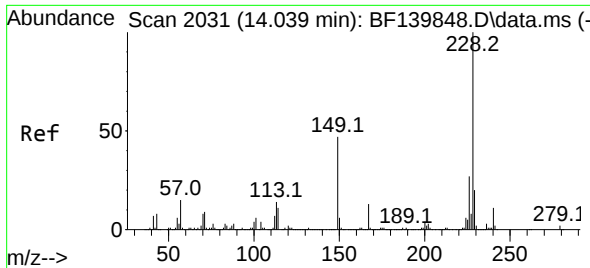
Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Tgt Ion:149 Resp: 318277
 Ion Ratio Lower Upper
 149 100
 91 74.4 59.4 89.2
 206 20.3 16.4 24.6





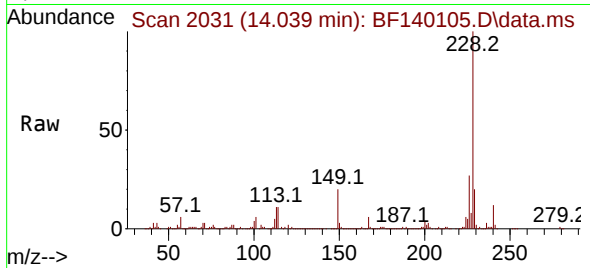
#81
Benzo(a)anthracene
Concen: 46.479 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

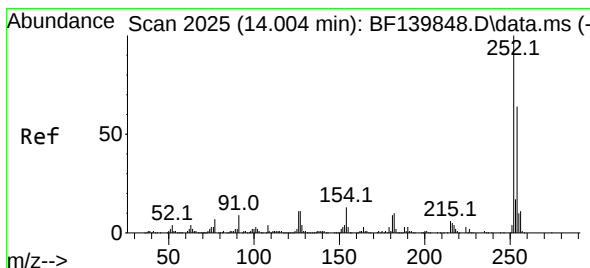
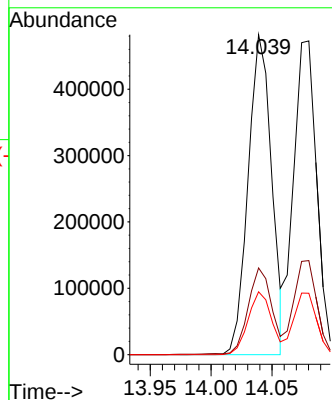
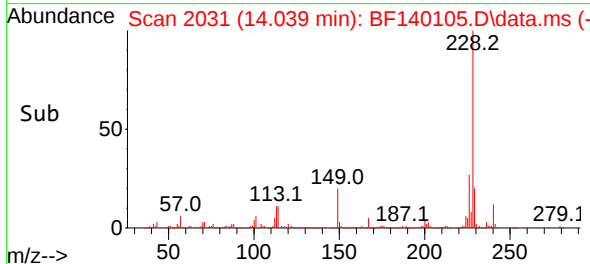


Tgt Ion:228 Resp: 646882
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.6 16.1 24.1

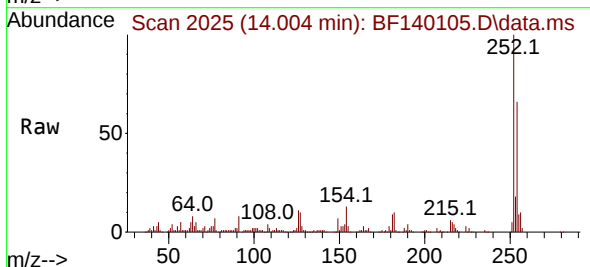
Manual Integrations

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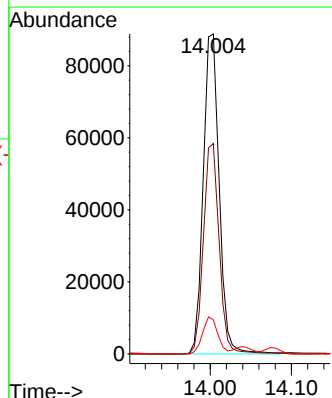
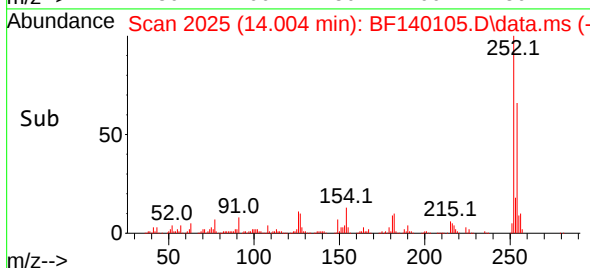
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 29.827 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02



Tgt Ion:252 Resp: 121036
Ion Ratio Lower Upper
252 100
254 65.7 50.8 76.2
126 10.6 8.9 13.3





#83

Chrysene

Concen: 49.282 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140105.D

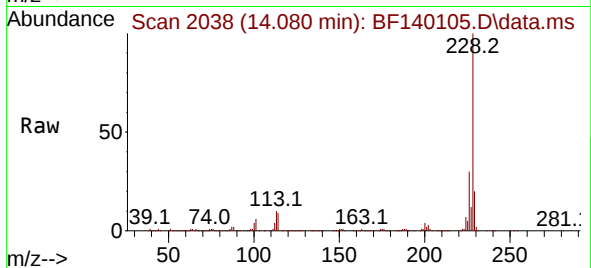
Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS



Tgt Ion:228 Resp: 628880

Ion Ratio Lower Upper

228 100

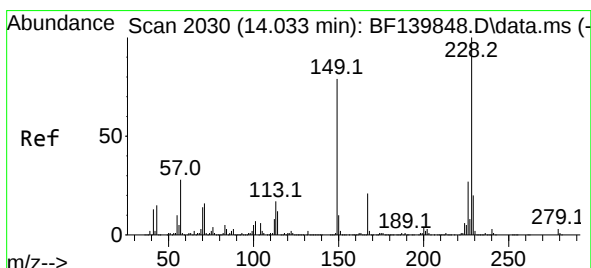
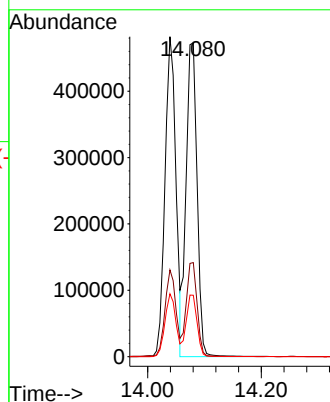
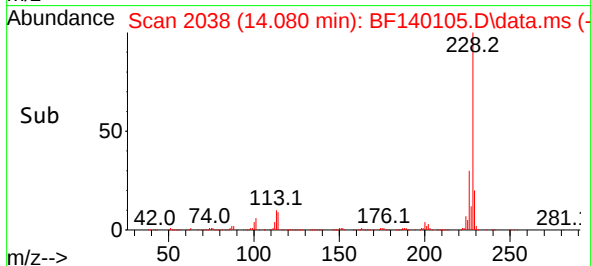
226 30.0 24.1 36.1

229 19.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

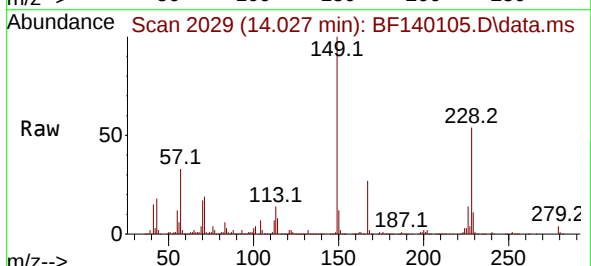
Concen: 63.162 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02



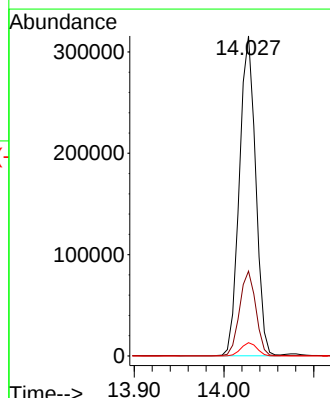
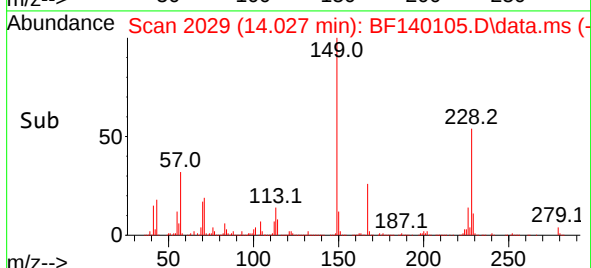
Tgt Ion:149 Resp: 397598

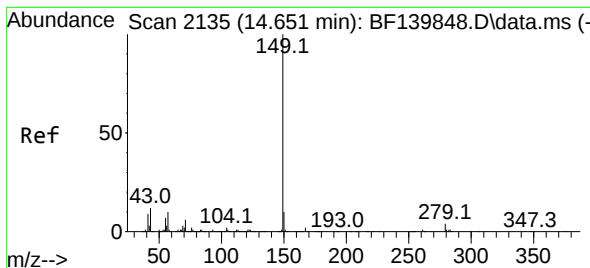
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

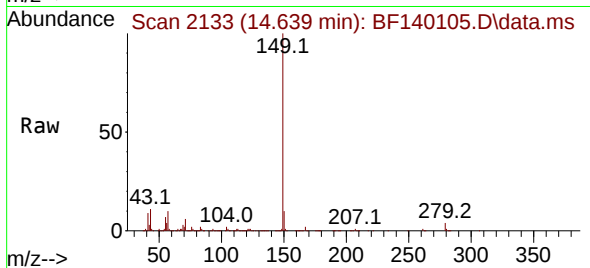
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 57.142 ng
RT: 14.639 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

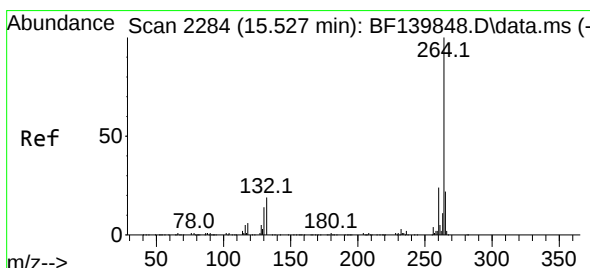
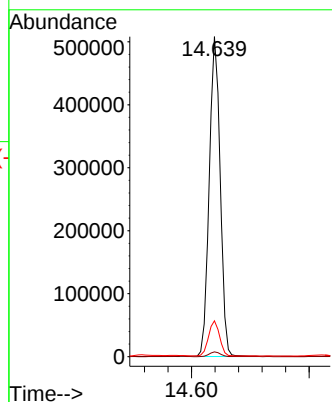
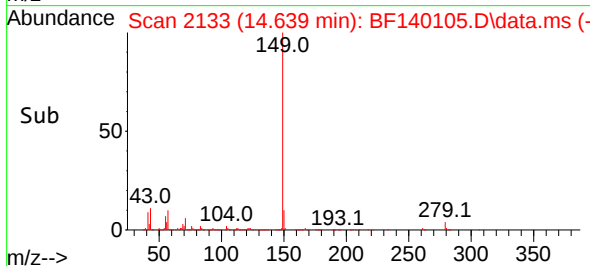
Instrument :
BNA_F
ClientSampleId :
BP-F-18MS



Tgt Ion:149 Resp: 654252
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.1 9.8 14.6

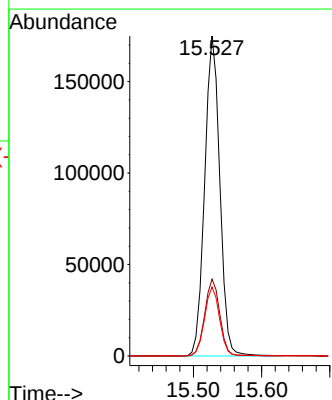
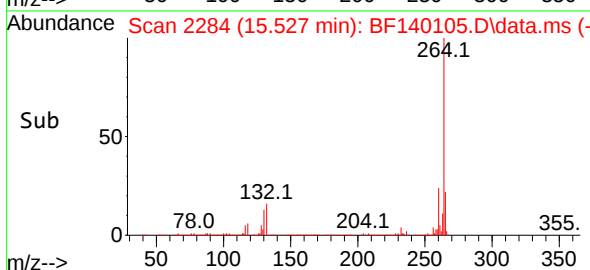
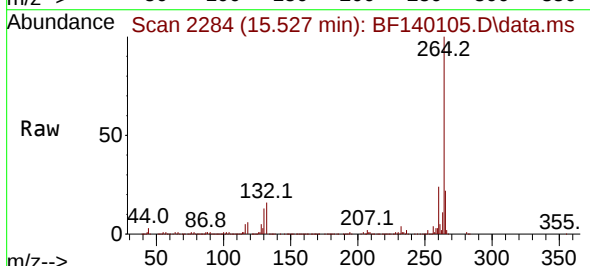
Manual Integrations
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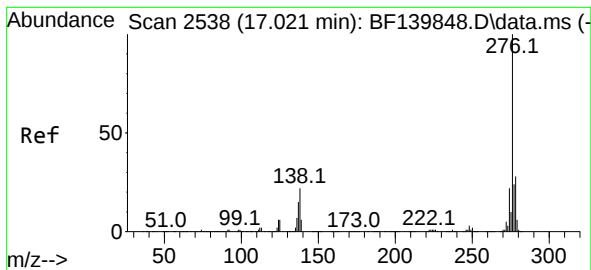
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF140105.D
Acq: 29 Oct 2024 12:02

Tgt Ion:264 Resp: 269959
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.644 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

BP-F-18MS

Tgt Ion:276 Resp: 740600

Ion Ratio Lower Upper

276 100

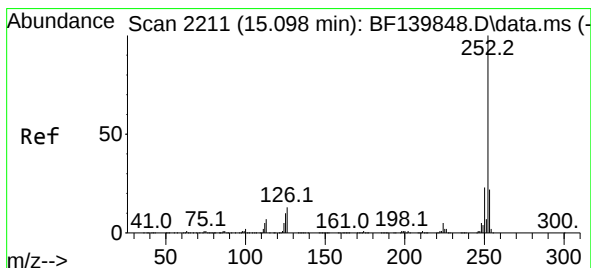
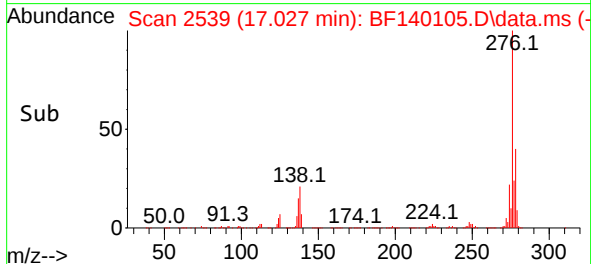
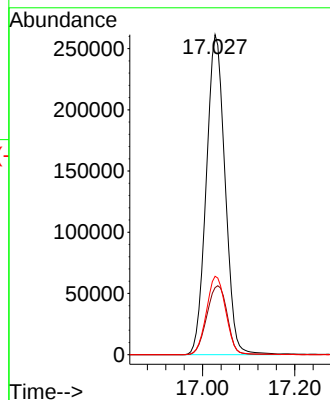
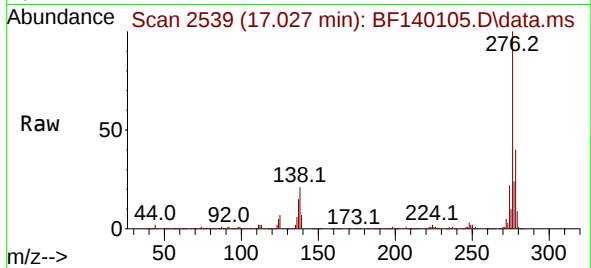
138 23.6 20.4 30.6

277 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#88

Benzo(b)fluoranthene

Concen: 44.178 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

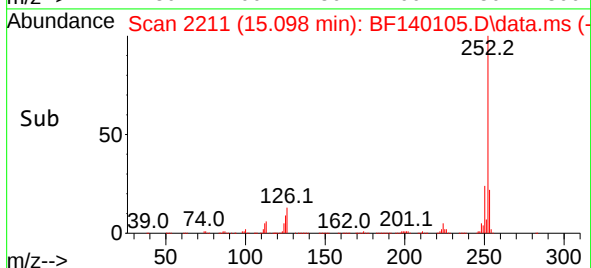
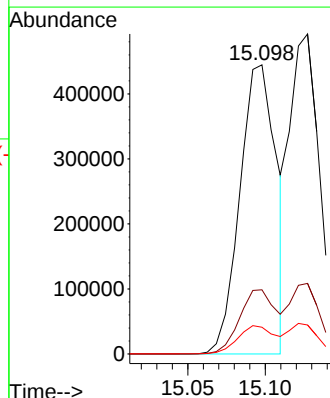
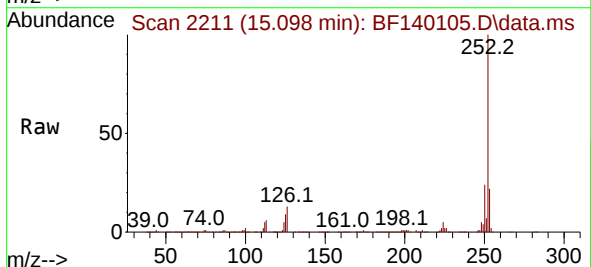
Tgt Ion:252 Resp: 726493

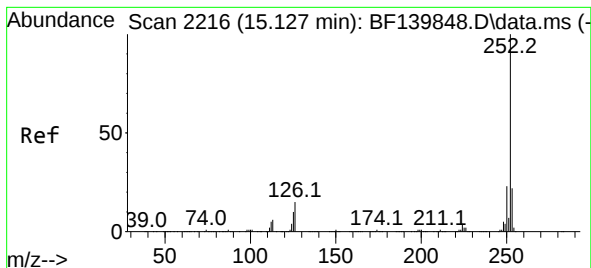
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.2 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.753 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

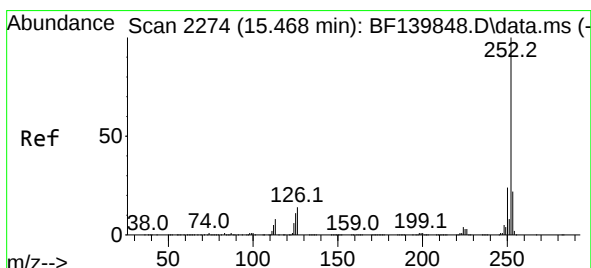
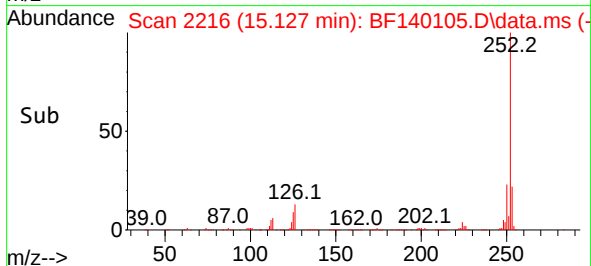
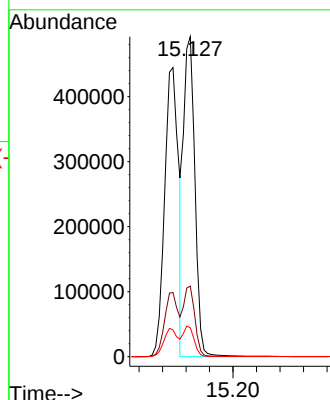
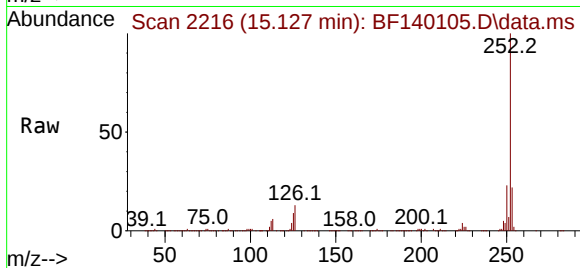
BP-F-18MS

Tgt Ion:252 Resp: 66306
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 9.1 7.9 11.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 50.387 ng

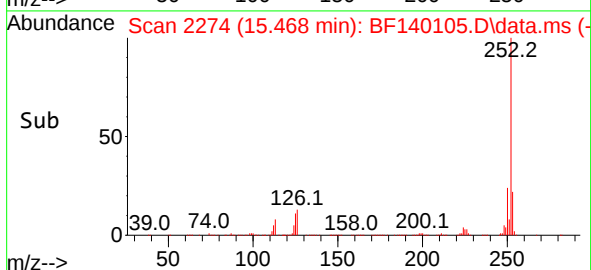
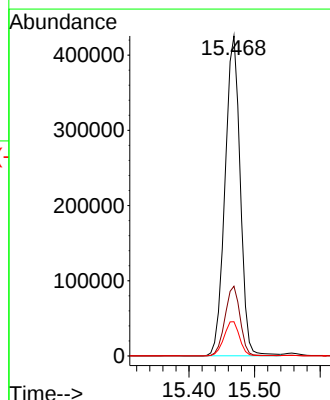
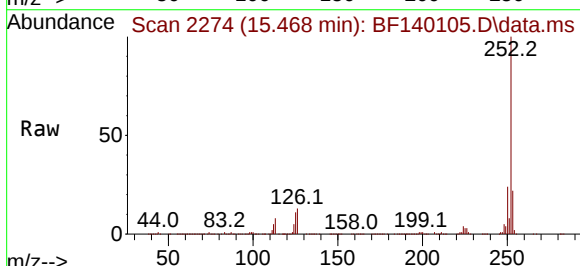
RT: 15.468 min Scan# 2274

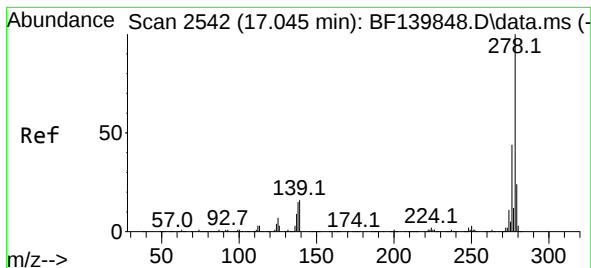
Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Tgt Ion:252 Resp: 681796
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 10.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 42.766 ng

RT: 17.045 min Scan# 2542

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Instrument :

BNA_F

ClientSampleId :

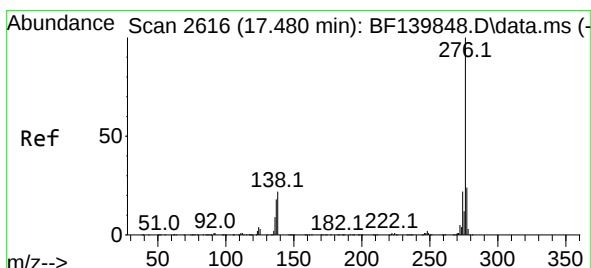
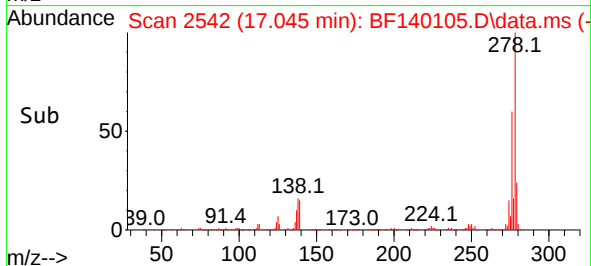
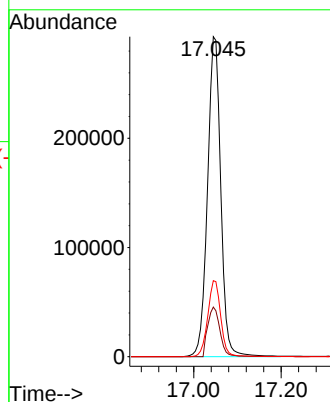
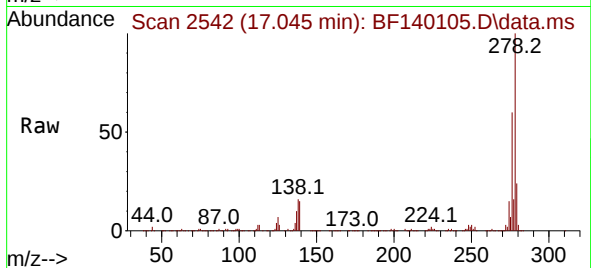
BP-F-18MS

Tgt Ion:	278	Resp:	61959
Ion Ratio	Lower	Upper	
278	100		
139	15.5	13.1	19.7
279	23.8	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 35.542 ng

RT: 17.480 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF140105.D

Acq: 29 Oct 2024 12:02

Tgt Ion:	276	Resp:	514347
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.6
138	21.0	17.4	26.0

