

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139902.D
 Acq On : 21 Oct 2024 14:47
 Operator : RC/JU
 Sample : P4385-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 15:12:12 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	6.892	152	159111	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	617785	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	335465	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	563658	20.000	ng	0.00
76) Chrysene-d12	14.057	240	294671	20.000	ng	0.00
86) Perylene-d12	15.533	264	343985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1171257	115.240	ng	0.02
7) Phenol-d6	6.510	99	1490047	113.195	ng	0.00
23) Nitrobenzene-d5	7.451	82	959444	86.075	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	383460	122.205	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1686713	83.097	ng	0.00
79) Terphenyl-d14	12.998	244	1523495	84.247	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	221440	46.729	ng	96
3) Pyridine	3.516	79	561250	47.782	ng	98
4) n-Nitrosodimethylamine	3.469	42	318557	50.478	ng	100
6) Aniline	6.551	93	352627	28.743	ng	98
8) 2-Chlorophenol	6.675	128	549901	52.924	ng	97
9) Benzaldehyde	6.439	77	159810	21.581	ng	98
10) Phenol	6.528	94	713784m	52.596	ng	
11) bis(2-Chloroethyl)ether	6.622	93	538820	51.368	ng	99
12) 1,3-Dichlorobenzene	6.834	146	586155	49.144	ng	98
13) 1,4-Dichlorobenzene	6.910	146	591283	49.620	ng	99
14) 1,2-Dichlorobenzene	7.057	146	563692	50.686	ng	100
15) Benzyl Alcohol	7.028	79	515039	53.339	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	918919	51.377	ng	99
17) 2-Methylphenol	7.134	107	464117	52.384	ng	99
18) Hexachloroethane	7.404	117	211189	49.700	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	403123	50.493	ng	98
20) 3+4-Methylphenols	7.286	107	564183	49.785	ng	93
22) Acetophenone	7.298	105	748474	49.464	ng	98
24) Nitrobenzene	7.469	77	600690	49.152	ng	100
25) Isophorone	7.710	82	1084795	51.275	ng	99
26) 2-Nitrophenol	7.786	139	274244	59.483	ng	96
27) 2,4-Dimethylphenol	7.816	122	443149	57.644	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	644352	50.270	ng	100
29) 2,4-Dichlorophenol	8.022	162	450559	51.454	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	474048	48.926	ng	99
31) Naphthalene	8.192	128	1574222	49.408	ng	100
32) Benzoic acid	7.928	122	344178	51.330	ng	97
33) 4-Chloroaniline	8.239	127	113169	10.416	ng	97
34) Hexachlorobutadiene	8.310	225	299094	49.130	ng	98
35) Caprolactam	8.610	113	147894m	53.118	ng	
36) 4-Chloro-3-methylphenol	8.716	107	489084	50.442	ng	98
37) 2-Methylnaphthalene	8.886	142	993862	50.932	ng	100
38) 1-Methylnaphthalene	8.986	142	914744	47.780	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	456013	50.386	ng	99
41) Hexachlorocyclopentadiene	9.039	237	482538	153.232	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	351206	54.811	ng	99

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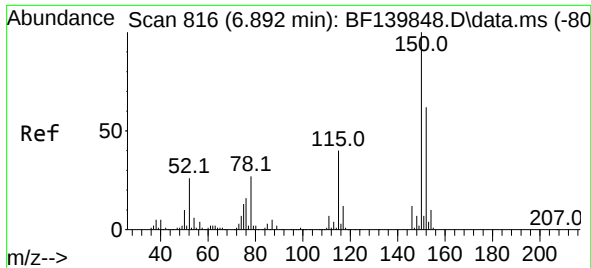
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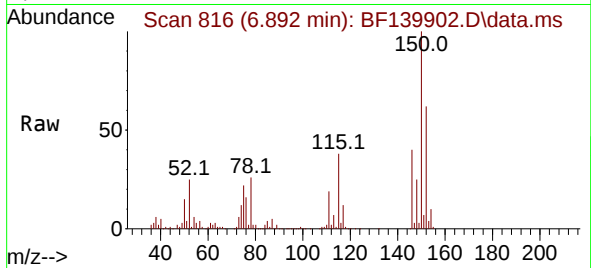
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	331813	50.192	ng	99
46) 1,1'-Biphenyl	9.351	154	1169824	50.093	ng	99
47) 2-Chloronaphthalene	9.375	162	937179	49.826	ng	100
48) 2-Nitroaniline	9.469	65	317397	55.174	ng	94
49) Acenaphthylene	9.792	152	1451414	53.376	ng	99
50) Dimethylphthalate	9.651	163	1096069	52.455	ng	100
51) 2,6-Dinitrotoluene	9.710	165	241717	53.427	ng	96
52) Acenaphthene	9.963	154	981249	55.783	ng	99
53) 3-Nitroaniline	9.875	138	142253	30.490	ng	98
54) 2,4-Dinitrophenol	9.980	184	228598	118.216	ng	# 1
55) Dibenzofuran	10.133	168	1282825	50.828	ng	100
56) 4-Nitrophenol	10.027	139	369013	102.803	ng	98
57) 2,4-Dinitrotoluene	10.110	165	317511	57.069	ng	99
58) Fluorene	10.480	166	945689	49.196	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	274981	53.060	ng	97
60) Diethylphthalate	10.351	149	1044323	50.902	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	476833	49.119	ng	100
62) 4-Nitroaniline	10.492	138	220141	49.958	ng	96
63) Azobenzene	10.633	77	1295113	59.544	ng	88
65) 4,6-Dinitro-2-methylph...	10.516	198	155932	67.822	ng	97
66) n-Nitrosodiphenylamine	10.586	169	876750	51.971	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	305519	52.615	ng	95
68) Hexachlorobenzene	11.022	284	334639	51.241	ng	99
69) Atrazine	11.110	200	283543	62.046	ng	99
70) Pentachlorophenol	11.216	266	385813	97.342	ng	99
71) Phenanthrene	11.439	178	1372291	51.542	ng	100
72) Anthracene	11.492	178	1324889	51.002	ng	99
73) Carbazole	11.645	167	1162810	48.130	ng	99
74) Di-n-butylphthalate	11.974	149	1448476	51.894	ng	100
75) Fluoranthene	12.627	202	1268974	47.146	ng	99
77) Benzidine	12.745	184	126669	26.142	ng	99
78) Pyrene	12.857	202	1267349	49.134	ng	99
80) Butylbenzylphthalate	13.474	149	488917	63.225	ng	100
81) Benzo(a)anthracene	14.045	228	1018819	53.113	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	153603	27.464	ng	98
83) Chrysene	14.080	228	937944	53.330	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	604165	69.637	ng	99
85) Di-n-octyl phthalate	14.651	149	1020553	64.672	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1051652	47.523	ng	99
88) Benzo(b)fluoranthene	15.098	252	1122393	53.564	ng	99
89) Benzo(k)fluoranthene	15.127	252	868103	48.038	ng	100
90) Benzo(a)pyrene	15.468	252	962363	55.816	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	864311	46.818	ng	99
92) Benzo(g,h,i)perylene	17.480	276	766144	41.548	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

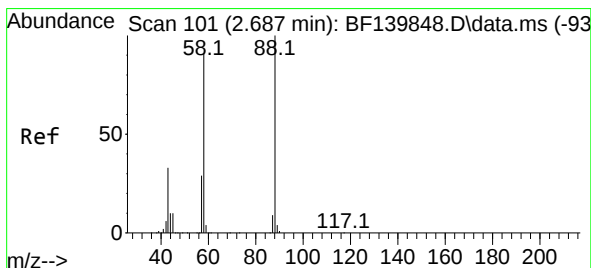
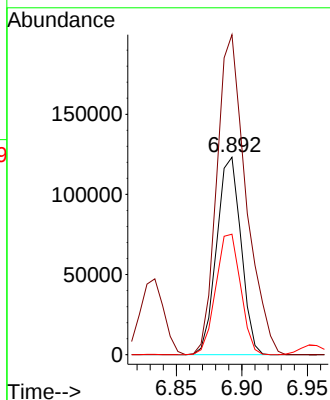
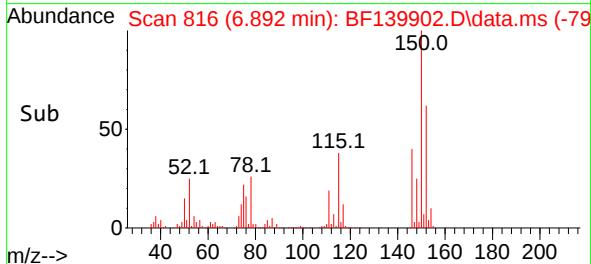
Instrument :
BNA_F
ClientSampleId :
SP-3MS



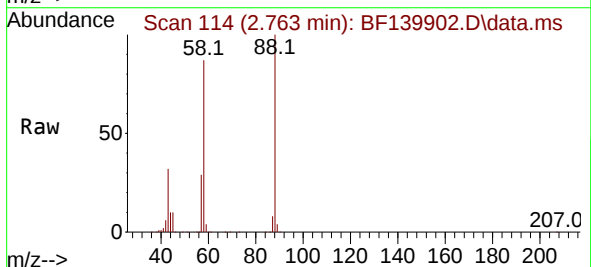
Tgt Ion:152 Resp: 15911
Ion Ratio Lower Upper
152 100
150 162.1 130.2 195.2
115 61.0 51.4 77.2

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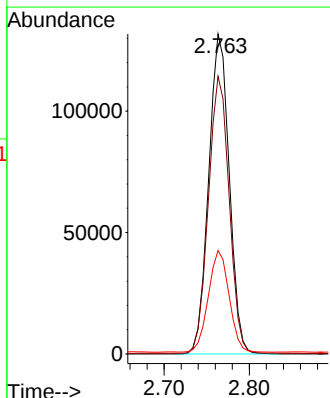
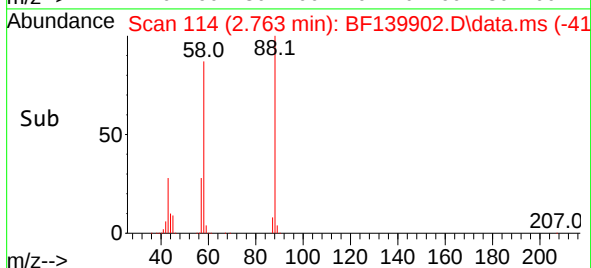
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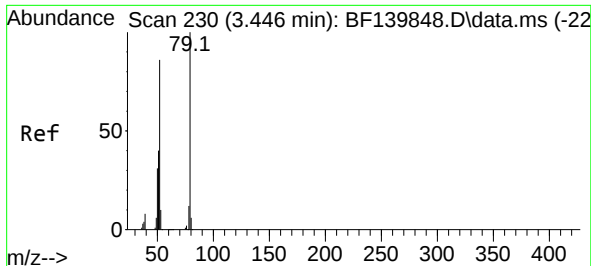


#2
1,4-Dioxane
Concen: 46.729 ng
RT: 2.763 min Scan# 114
Delta R.T. 0.076 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



Tgt Ion: 88 Resp: 221440
Ion Ratio Lower Upper
88 100
58 87.7 73.3 109.9
43 32.0 27.1 40.7





#3

Pyridine

Concen: 47.782 ng

RT: 3.516 min Scan# 242

Delta R.T. 0.071 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

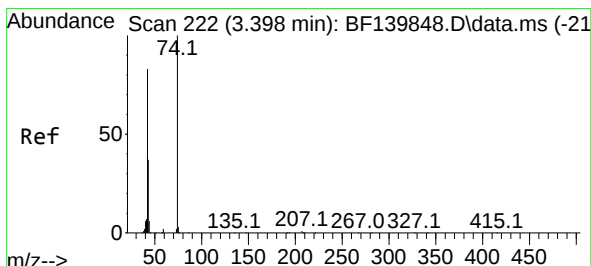
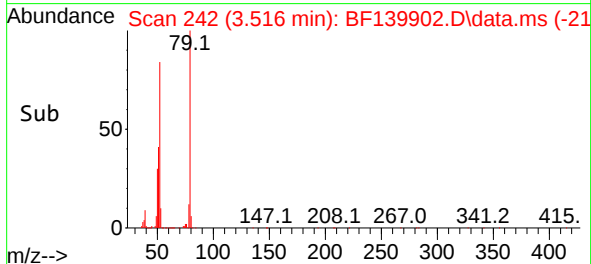
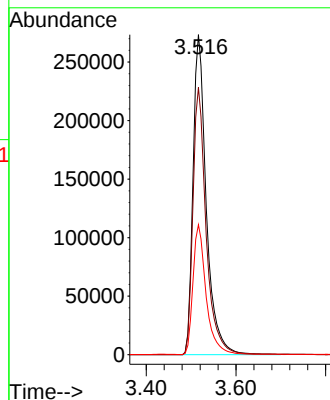
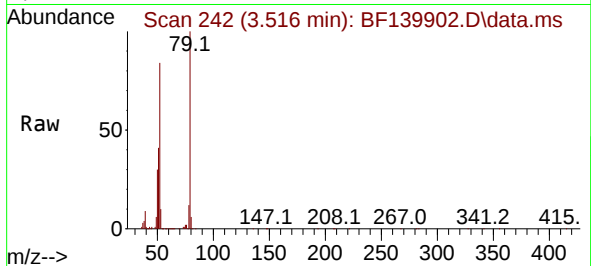
Tgt Ion: 79 Resp: 561250
 Ion Ratio Lower Upper
 79 100
 52 83.5 68.5 102.7
 51 40.6 32.3 48.5

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#4

n-Nitrosodimethylamine

Concen: 50.478 ng

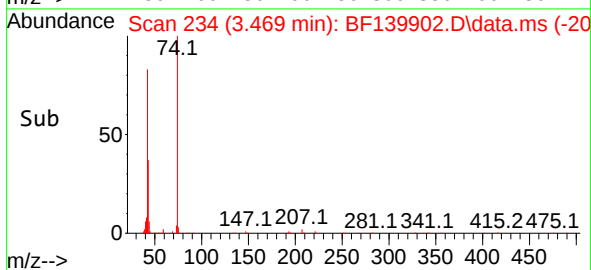
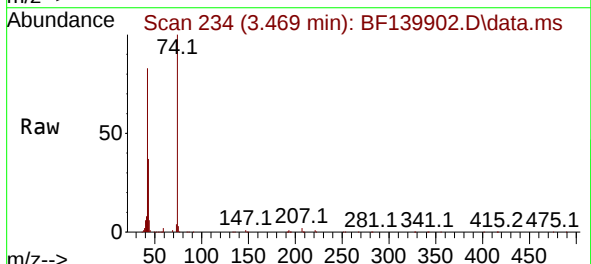
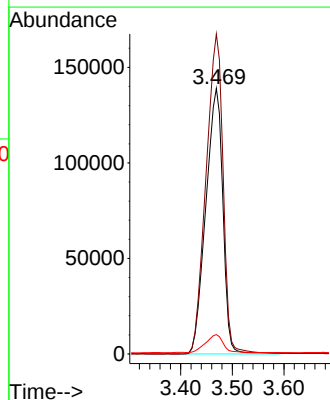
RT: 3.469 min Scan# 234

Delta R.T. 0.071 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Tgt Ion: 42 Resp: 318557
 Ion Ratio Lower Upper
 42 100
 74 120.5 96.2 144.4
 44 7.3 6.2 9.2





#5
2-Fluorophenol
Concen: 115.240 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

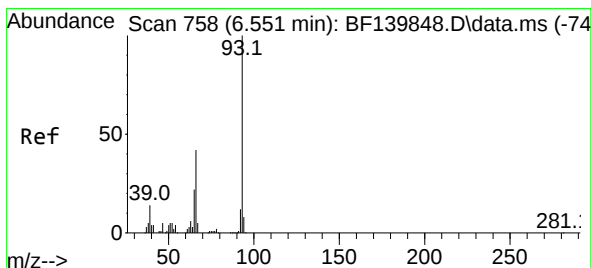
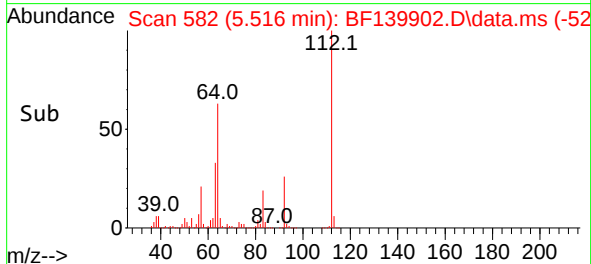
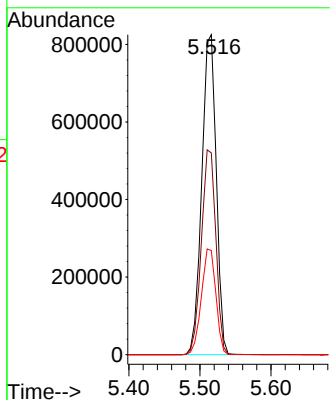
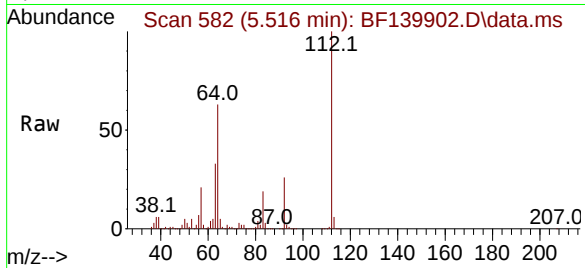
ClientSampleId :

SP-3MS

Tgt Ion:112 Resp: 117125
Ion Ratio Lower Upper
112 100
64 63.0 53.0 79.6
63 32.5 27.0 40.4

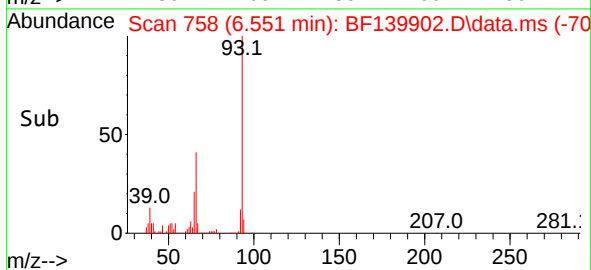
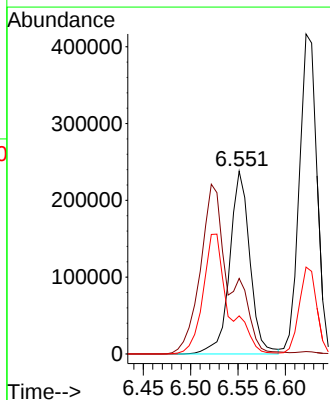
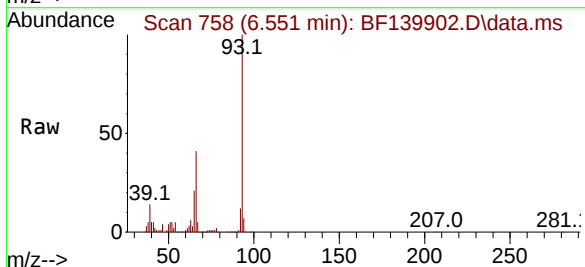
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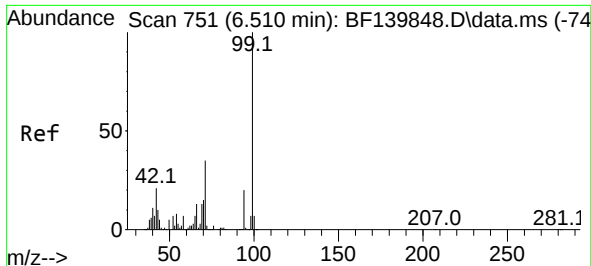
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#6
Aniline
Concen: 28.743 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Tgt Ion: 93 Resp: 352627
Ion Ratio Lower Upper
93 100
66 41.4 34.0 51.0
65 20.8 17.4 26.0





#7

Phenol-d6

Concen: 113.195 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF139902.D

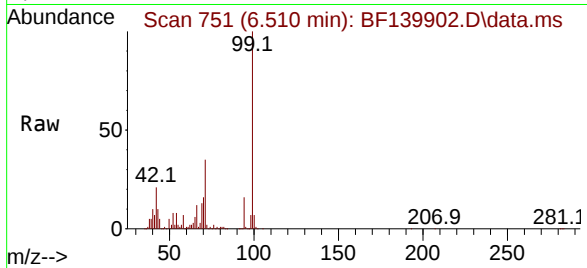
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS



Tgt Ion: 99 Resp: 149004

Ion Ratio Lower Upper

99 100

42 20.7 16.7 25.1

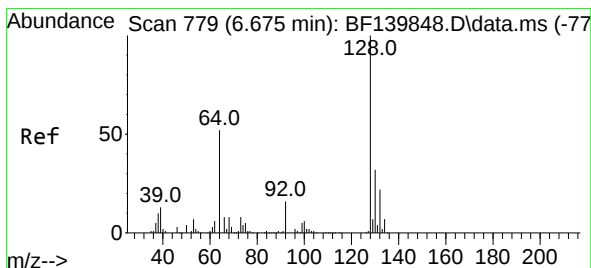
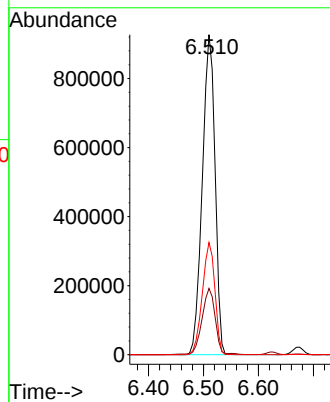
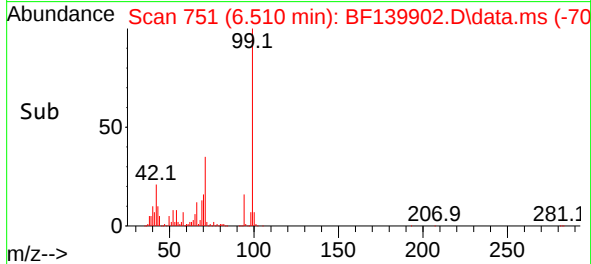
71 35.1 27.7 41.5

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#8

2-Chlorophenol

Concen: 52.924 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF139902.D

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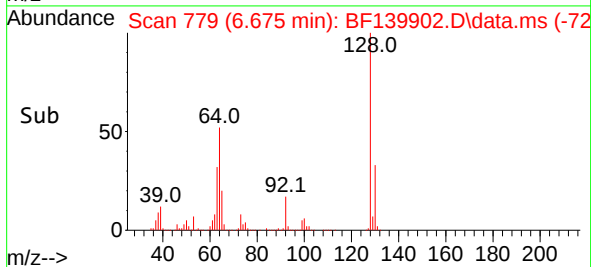
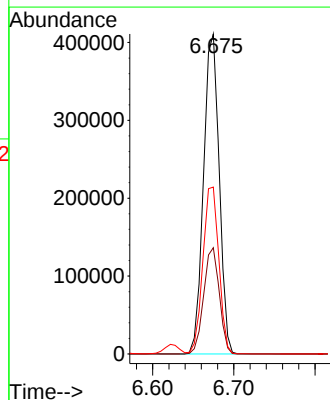
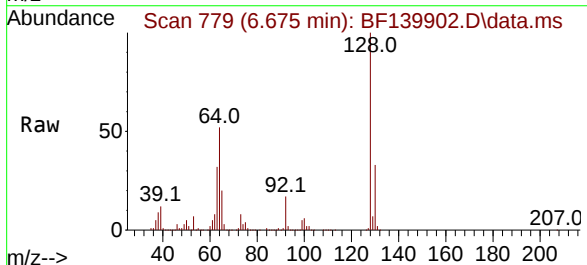
Tgt Ion:128 Resp: 549901

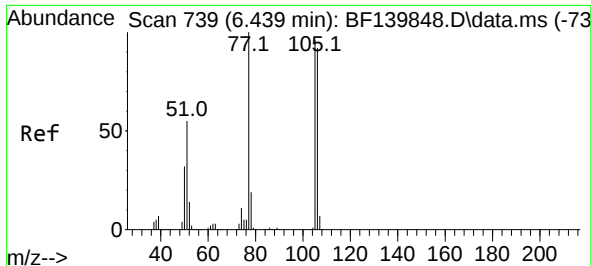
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

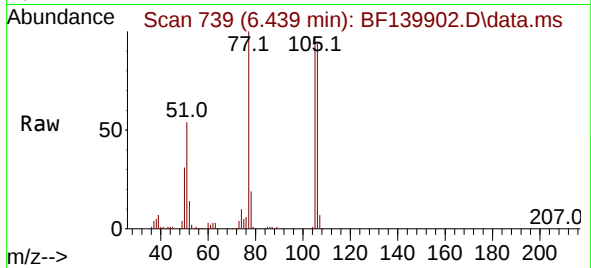
64 52.1 34.6 74.6





#9
Benzaldehyde
Concen: 21.581 ng
RT: 6.439 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

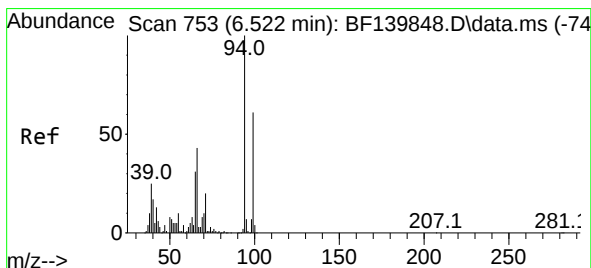
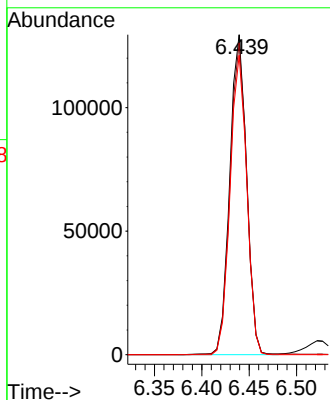
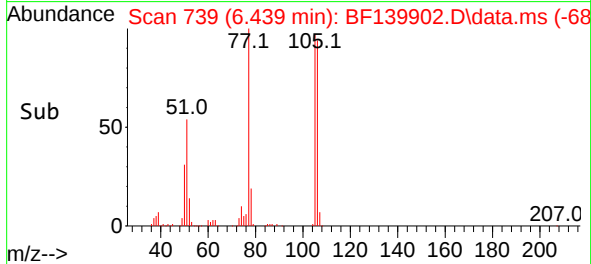
Instrument :
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Tgt Ion: 77 Resp: 159810
Ion Ratio Lower Upper
77 100
105 97.4 75.5 115.5
106 93.5 71.7 111.7

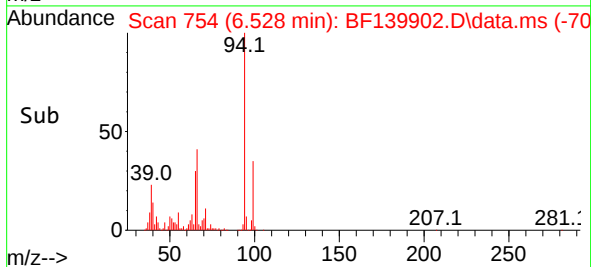
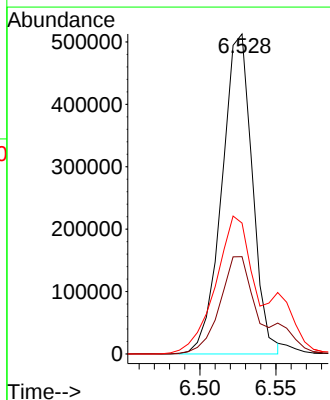
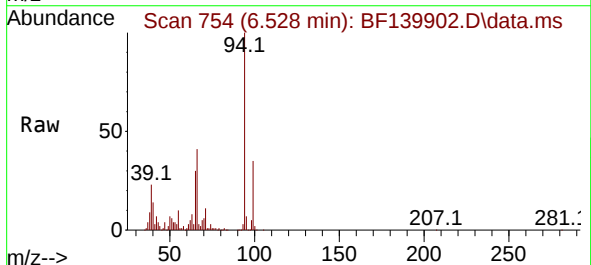
Manual Integrations
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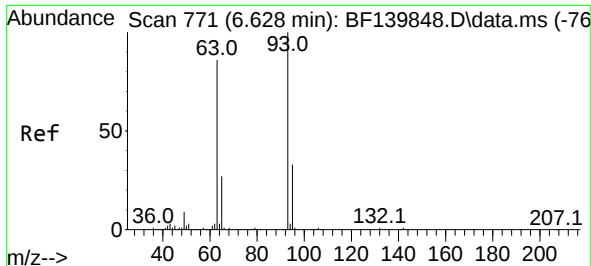
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Phenol
Concen: 52.596 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

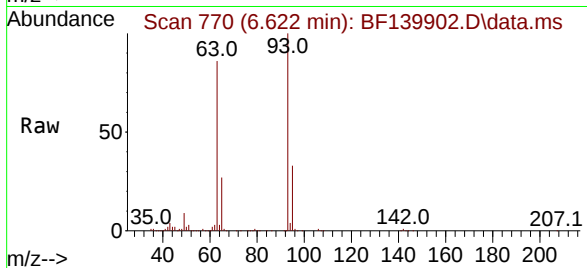
Tgt Ion: 94 Resp: 713784
Ion Ratio Lower Upper
94 100
65 30.4 11.1 51.1
66 40.9 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 51.368 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

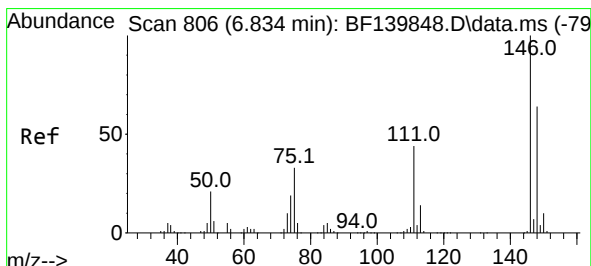
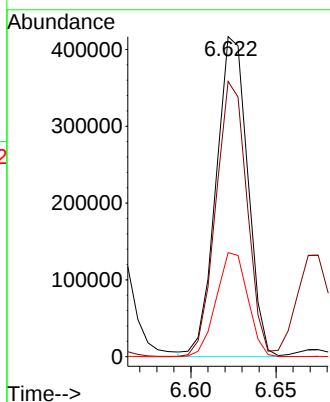
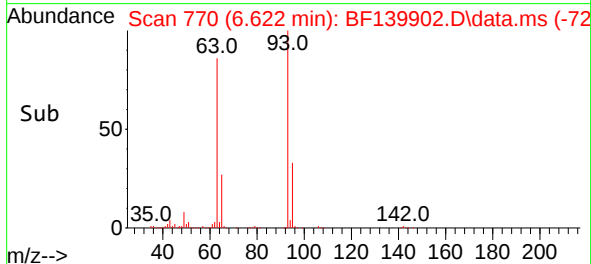
Instrument :
BNA_F
ClientSampleId :
SP-3MS



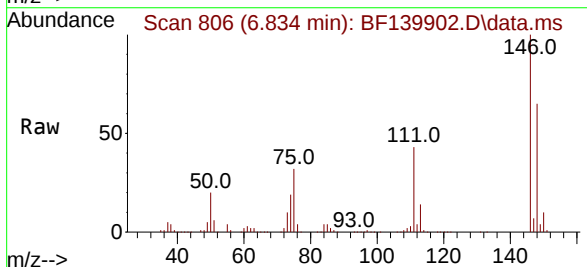
Tgt Ion: 93 Resp: 538820
Ion Ratio Lower Upper
93 100
63 86.0 65.0 105.0
95 32.5 12.4 52.4

Manual Integrations
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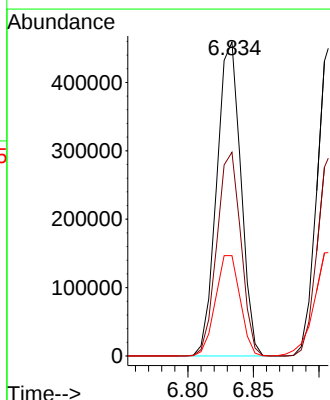
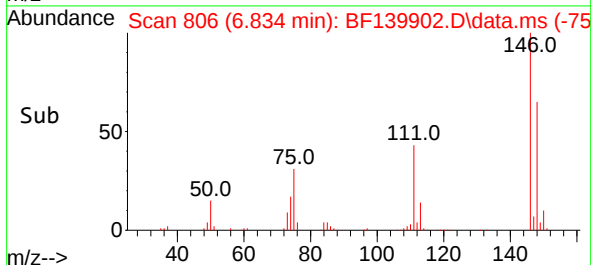
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#12
1,3-Dichlorobenzene
Concen: 49.144 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



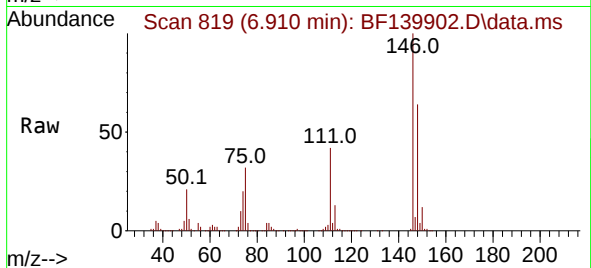
Tgt Ion:146 Resp: 586155
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
75 31.9 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 49.620 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

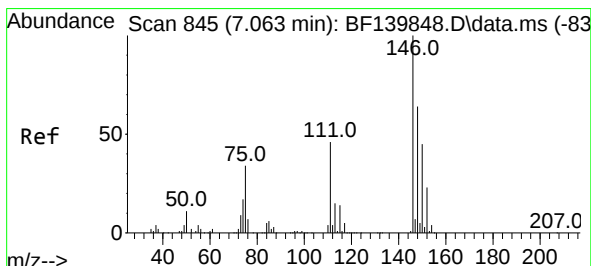
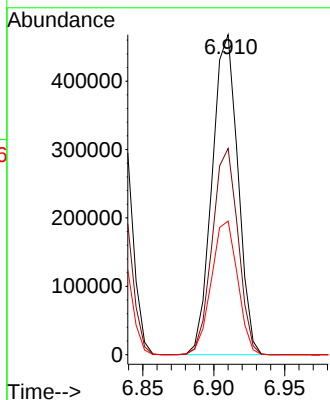
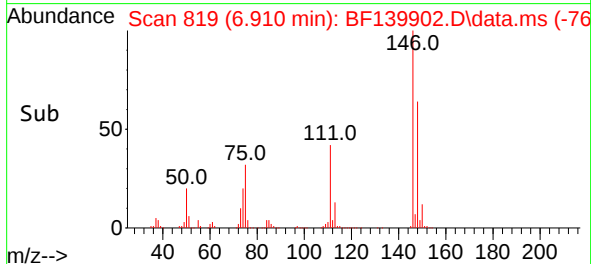
Instrument :
BNA_F
ClientSampleId :
SP-3MS



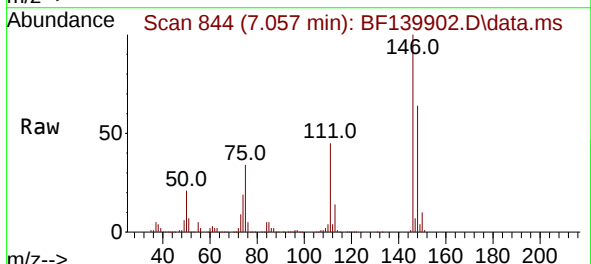
Tgt Ion:146 Resp: 59128
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 41.8 34.6 51.8

Manual Integrations
APPROVED

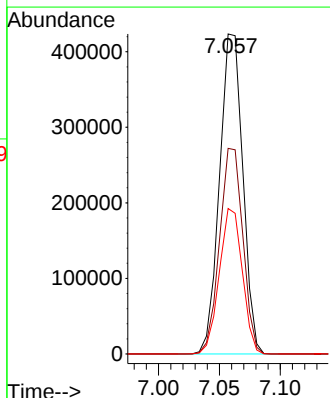
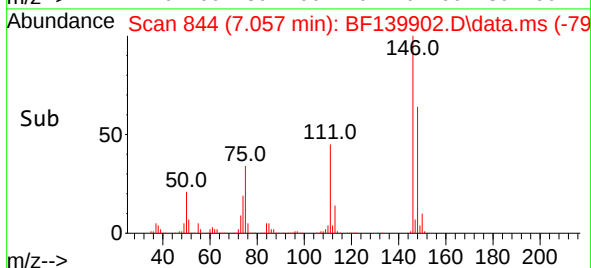
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

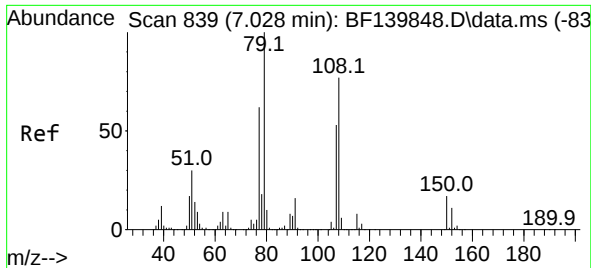


#14
1,2-Dichlorobenzene
Concen: 50.686 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



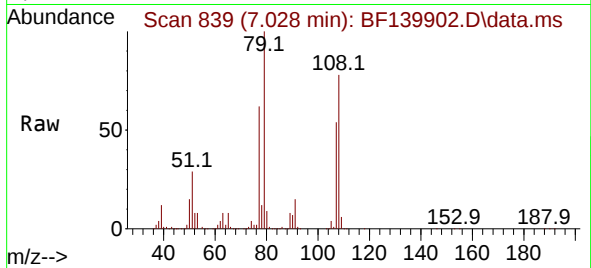
Tgt Ion:146 Resp: 563692
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 45.5 36.7 55.1





#15
Benzyl Alcohol
Concen: 53.339 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

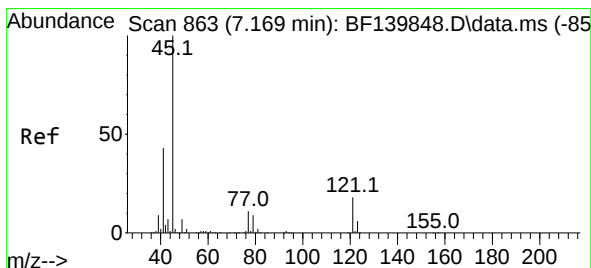
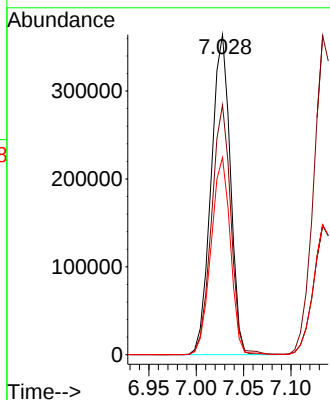
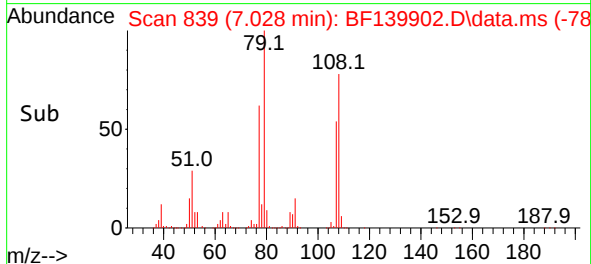
Instrument :
BNA_F
ClientSampleId :
SP-3MS



Tgt Ion: 79 Resp: 515039
Ion Ratio Lower Upper
79 100
108 78.0 61.4 92.0
77 61.6 49.9 74.9

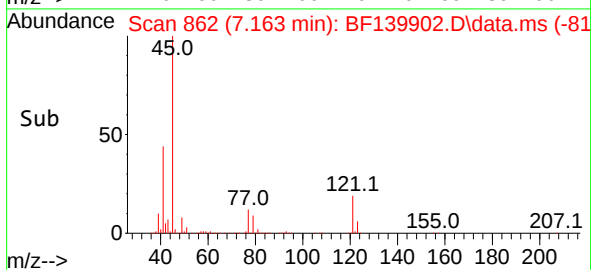
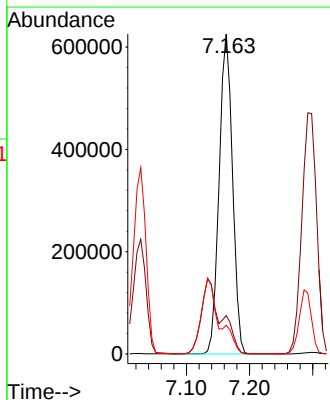
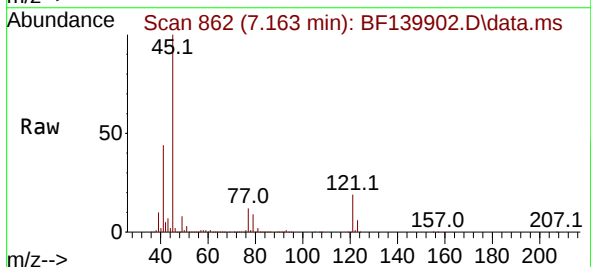
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.377 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Tgt Ion: 45 Resp: 918919
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.5
79 8.9 0.0 29.1





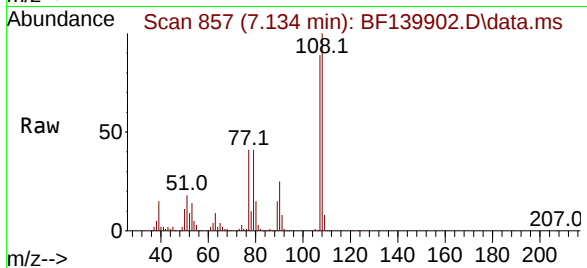
#17
2-Methylphenol
Concen: 52.384 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

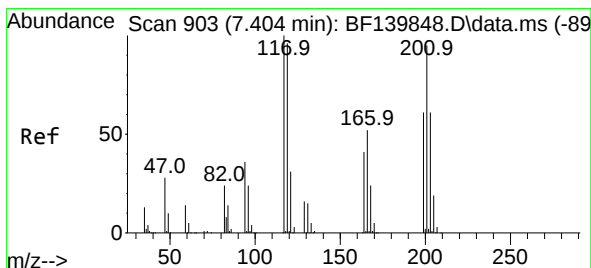
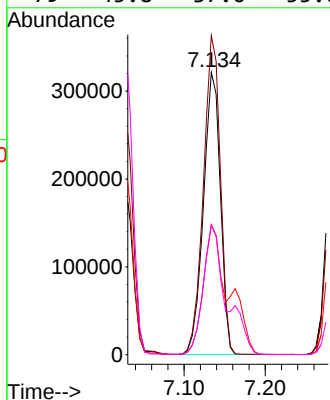
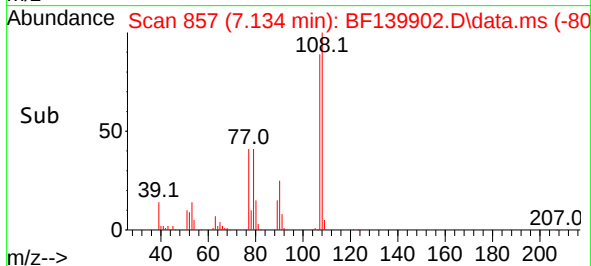


Tgt Ion:107 Resp: 464117
Ion Ratio Lower Upper
107 100
108 113.0 91.3 136.9
77 46.1 37.1 55.7
79 45.8 37.0 55.6

Manual Integrations

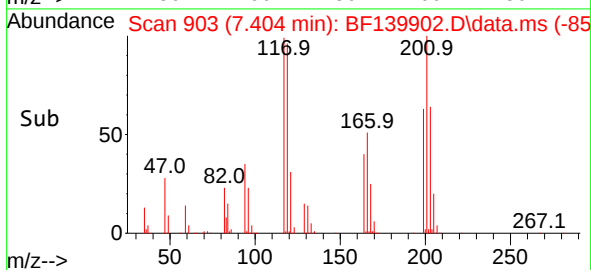
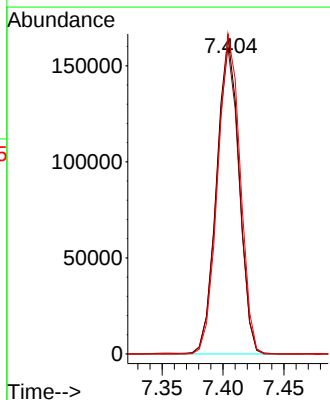
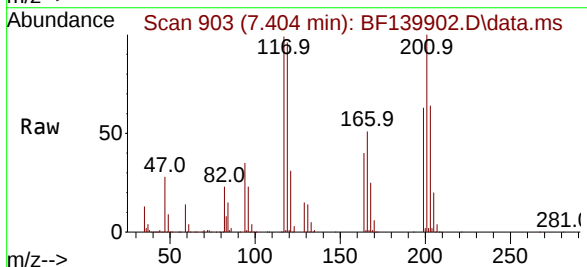
APPROVED

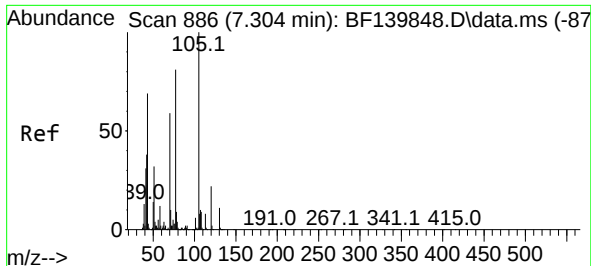
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#18
Hexachloroethane
Concen: 49.700 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

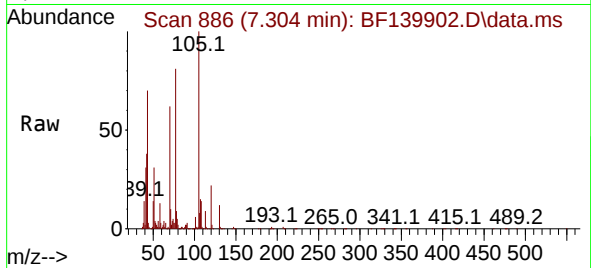
Tgt Ion:117 Resp: 211189
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.4
201 100.8 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.493 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

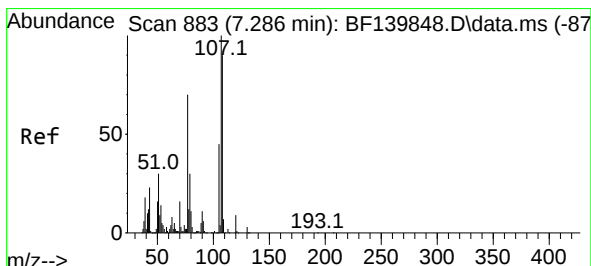
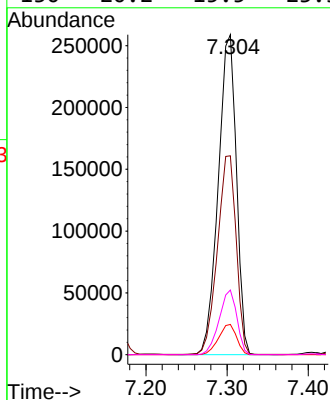
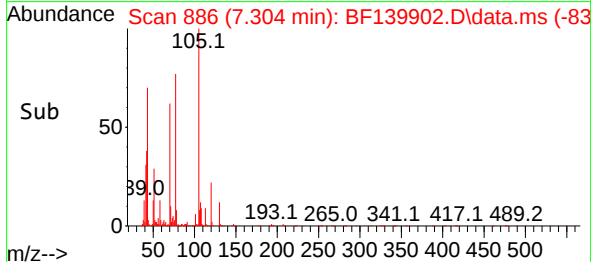
Instrument :
BNA_F
ClientSampleId :
SP-3MS



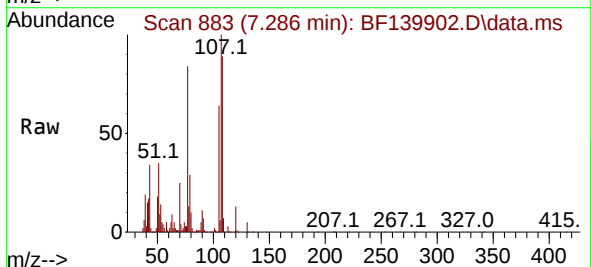
Tgt Ion: 70 Resp: 40312
Ion Ratio Lower Upper
70 100
42 62.2 51.5 77.3
101 9.5 7.5 11.3
130 20.2 15.5 23.3

Manual Integrations
APPROVED

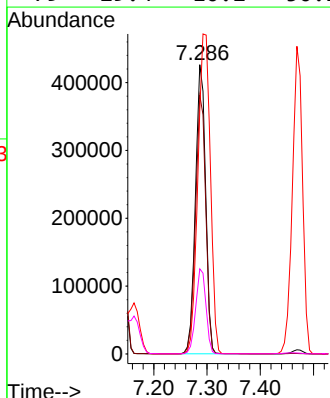
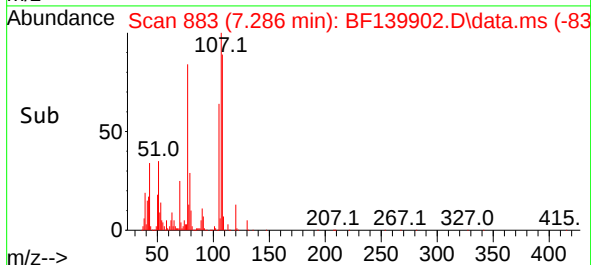
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#20
3+4-Methylphenols
Concen: 49.785 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



Tgt Ion:107 Resp: 564183
Ion Ratio Lower Upper
107 100
108 89.4 69.8 109.8
77 84.3 50.5 90.5
79 29.4 10.2 50.2





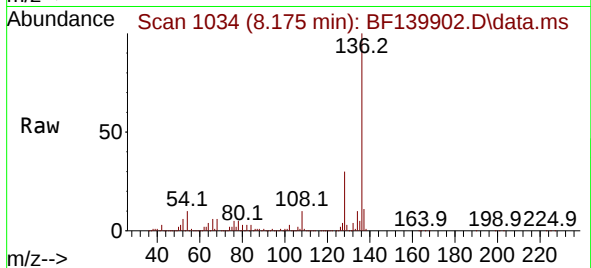
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

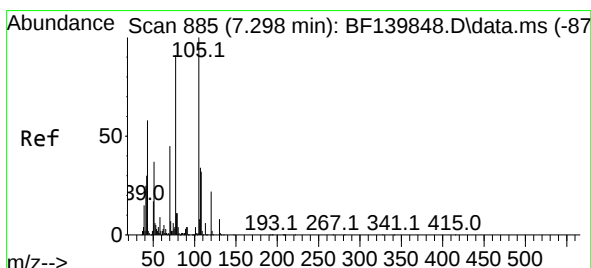
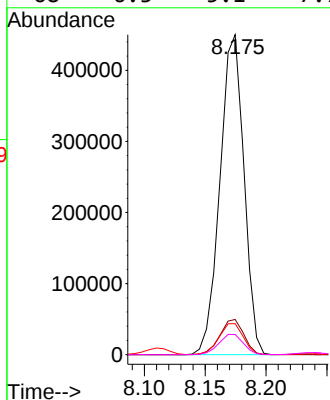
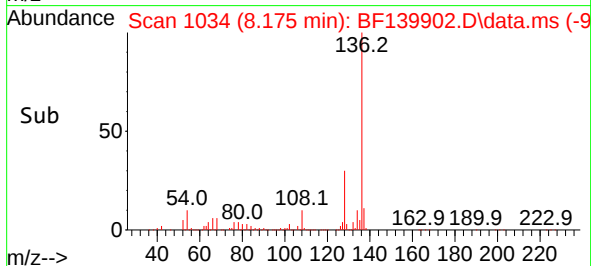


Tgt Ion:136 Resp: 61778
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.7 8.4 12.6
68 6.3 5.1 7.7

Manual Integrations

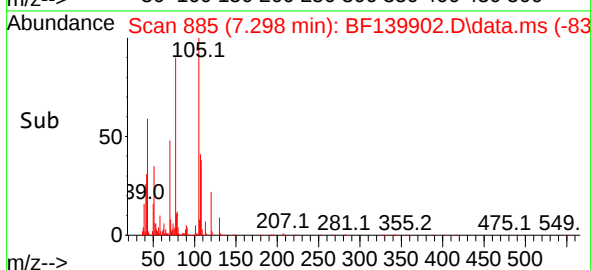
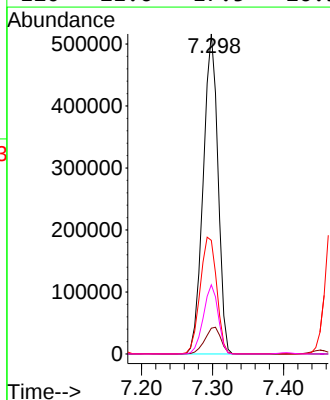
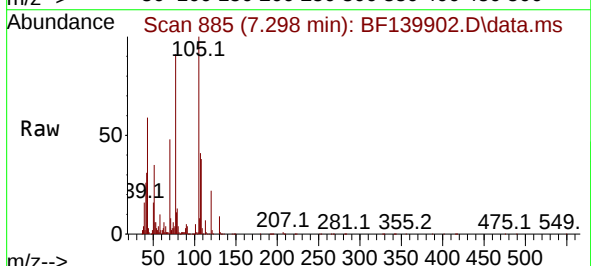
APPROVED

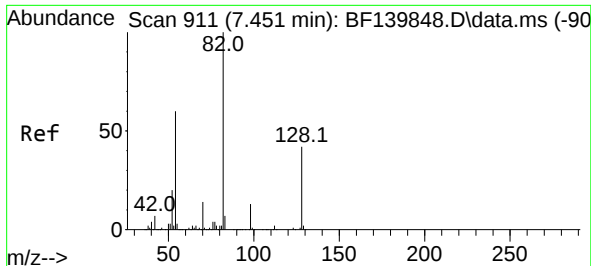
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#22
Acetophenone
Concen: 49.464 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Tgt Ion:105 Resp: 748474
Ion Ratio Lower Upper
105 100
71 8.1 5.9 8.9
51 35.5 29.4 44.2
120 21.6 17.5 26.3





#23

Nitrobenzene-d5

Concen: 86.075 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion: 82 Resp: 95944

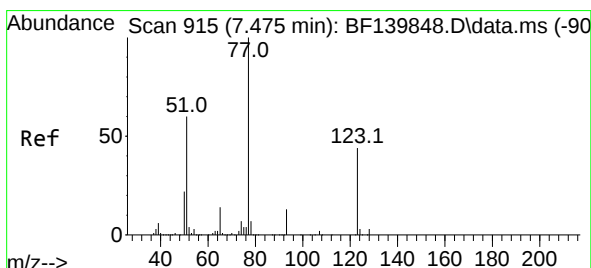
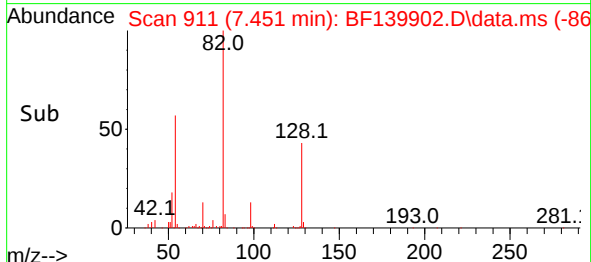
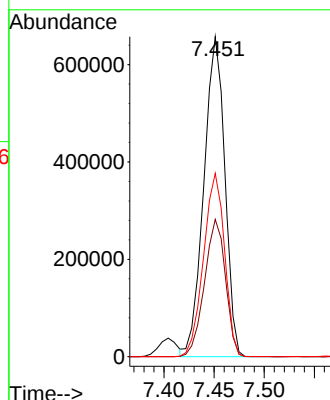
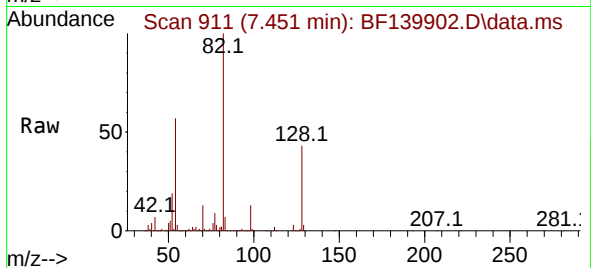
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.4	50.0
54	57.3	47.8	71.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#24

Nitrobenzene

Concen: 49.152 ng

RT: 7.469 min Scan# 914

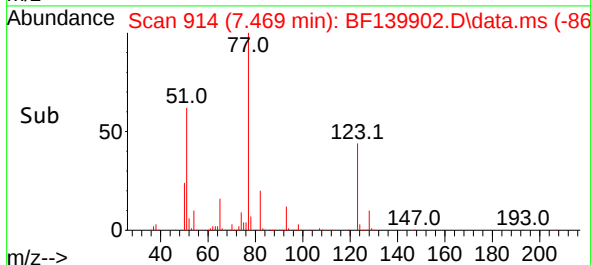
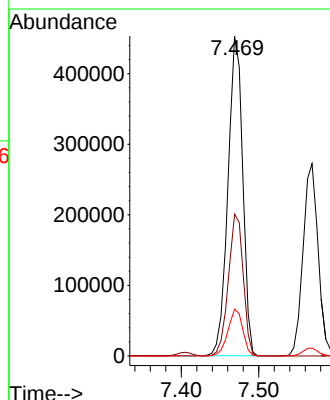
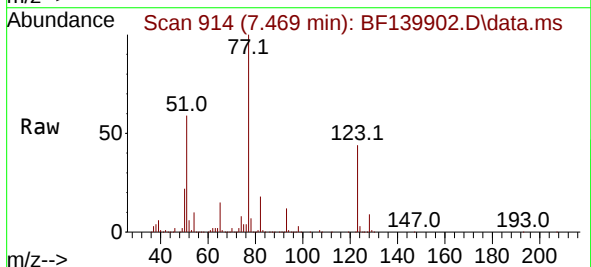
Delta R.T. -0.006 min

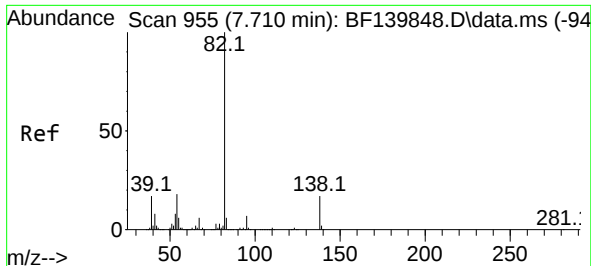
Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Tgt Ion: 77 Resp: 600690

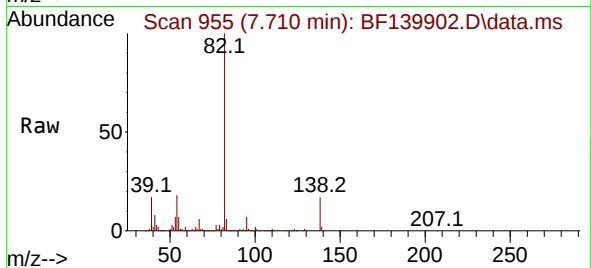
Ion	Ratio	Lower	Upper
77	100		
123	44.3	35.7	53.5
65	14.6	11.5	17.3





#25
Isophorone
Concen: 51.275 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

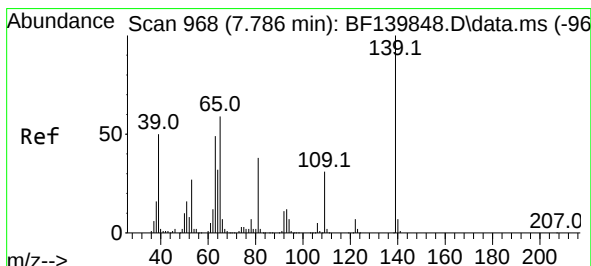
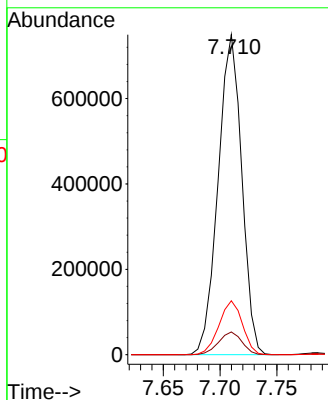
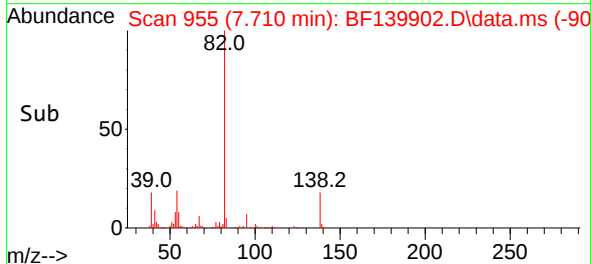
Instrument :
BNA_F
ClientSampleId :
SP-3MS



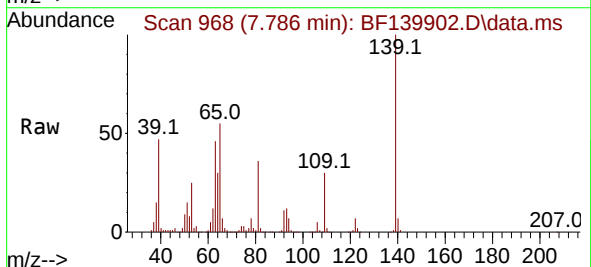
Tgt Ion: 82 Resp: 108479
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.9 13.2 19.8

Manual Integrations
APPROVED

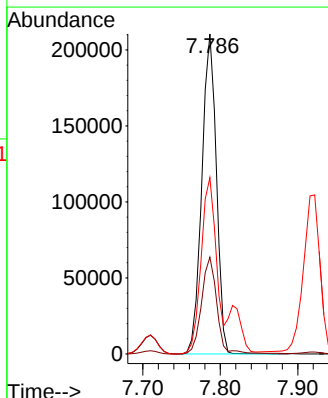
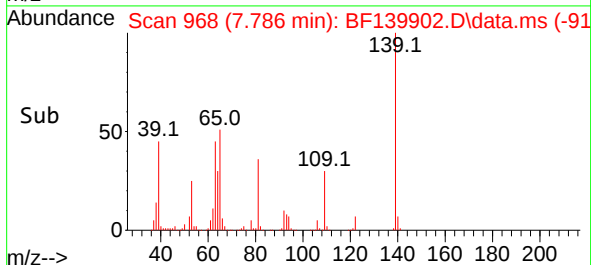
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#26
2-Nitrophenol
Concen: 59.483 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



Tgt Ion:139 Resp: 274244
Ion Ratio Lower Upper
139 100
109 30.2 25.1 37.7
65 55.1 47.5 71.3





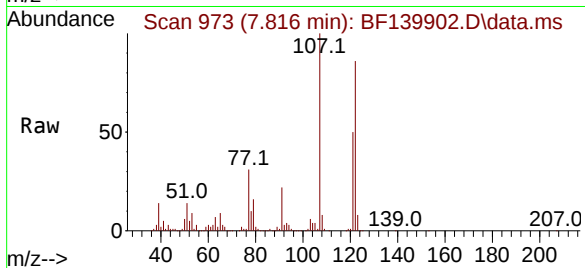
#27
2,4-Dimethylphenol
Concen: 57.644 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS



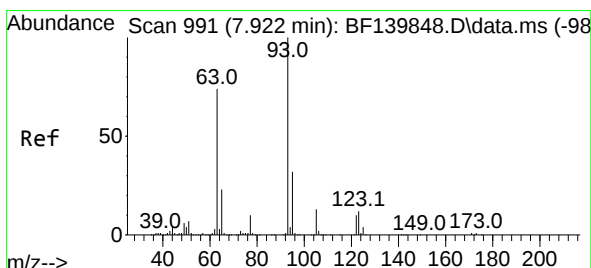
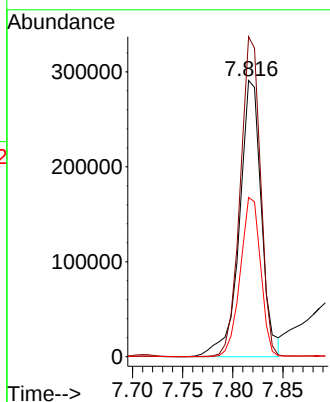
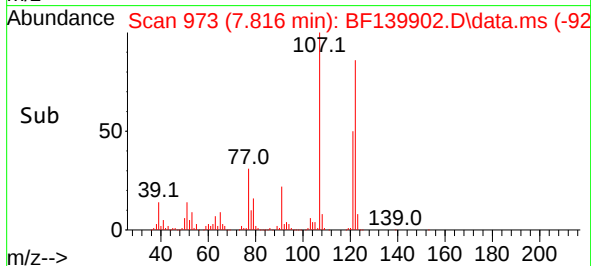
Tgt Ion:122 Resp: 443149
Ion Ratio Lower Upper
122 100
107 115.9 91.9 137.9
121 57.6 46.2 69.4

Manual Integrations

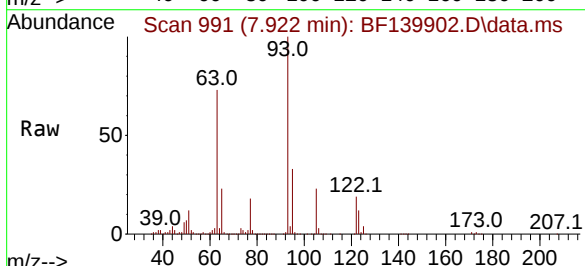
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

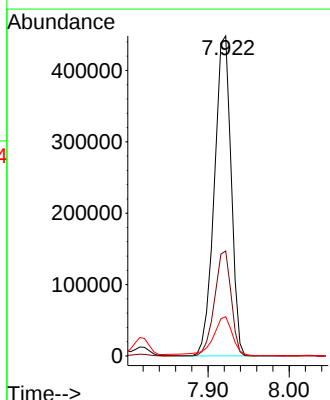
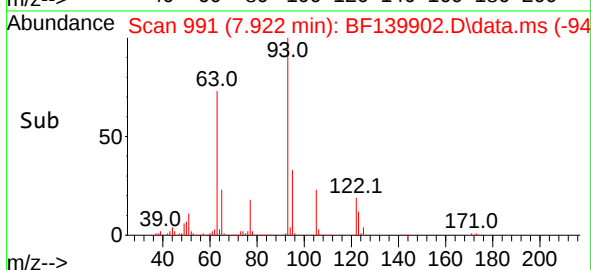
Supervised By :mohammad ahmed 10/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.270 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



Tgt Ion: 93 Resp: 644352
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 51.454 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

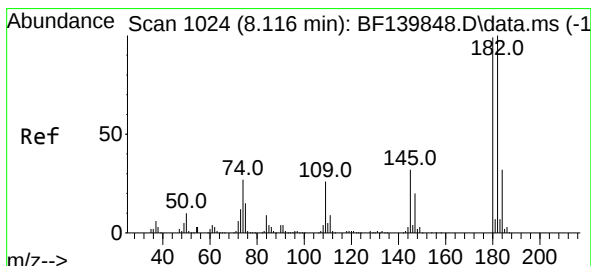
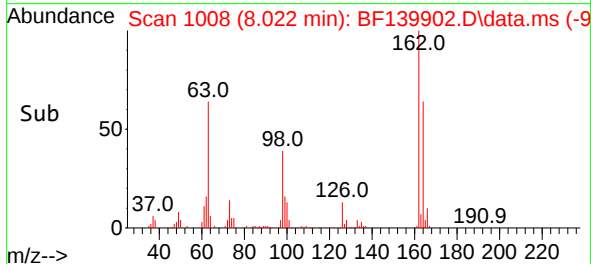
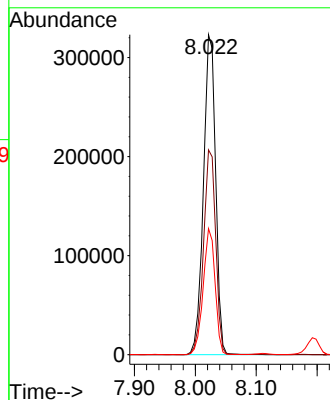
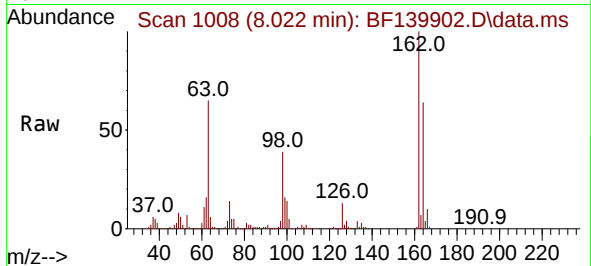
Tgt Ion:162	Resp: 450559
Ion Ratio	Lower Upper
162 100	
164 64.0	43.9 83.9
98 39.4	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.926 ng

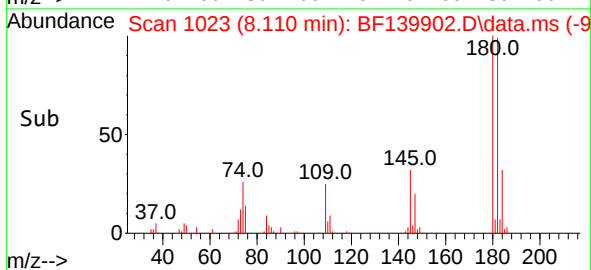
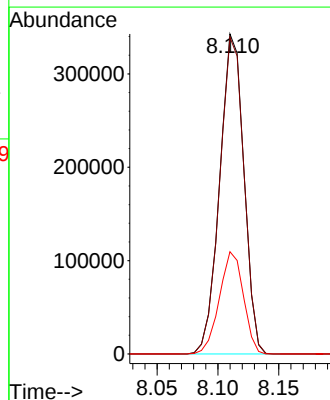
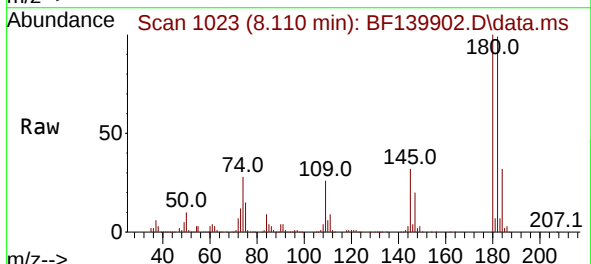
RT: 8.110 min Scan# 1023

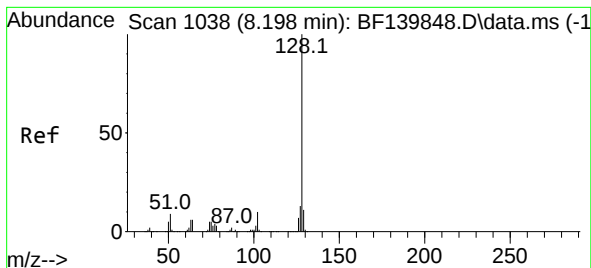
Delta R.T. -0.006 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Tgt Ion:180	Resp: 474048
Ion Ratio	Lower Upper
180 100	
182 99.0	80.5 120.7
145 32.0	25.4 38.0





#31

Naphthalene

Concen: 49.408 ng

RT: 8.192 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion:128 Resp: 157422

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

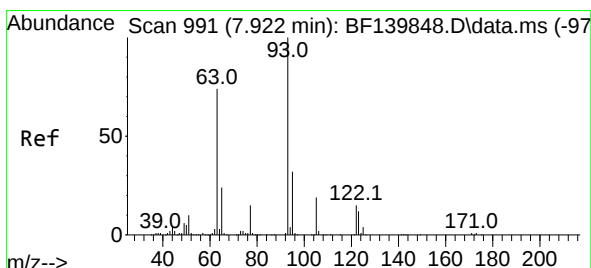
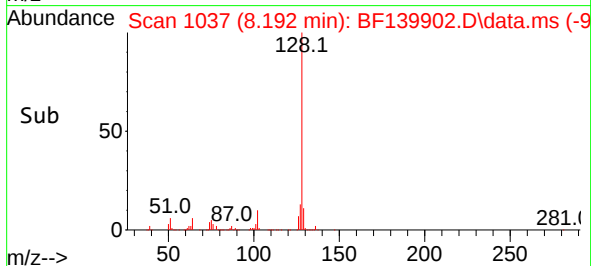
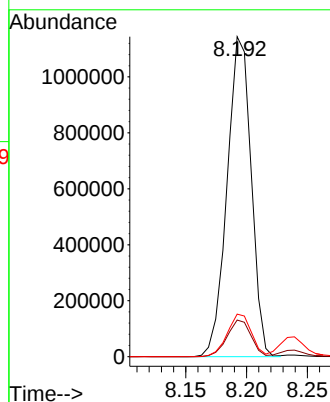
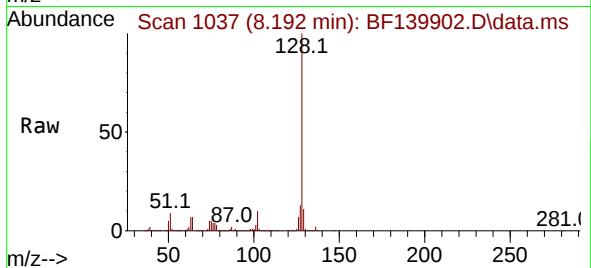
127 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#32

Benzoic acid

Concen: 51.330 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

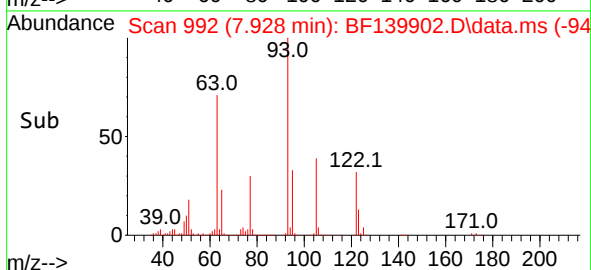
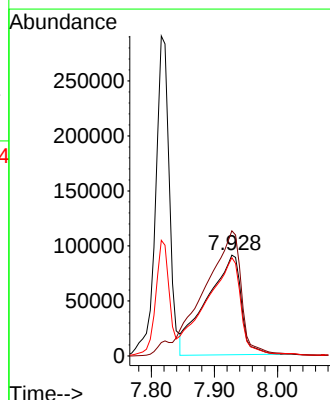
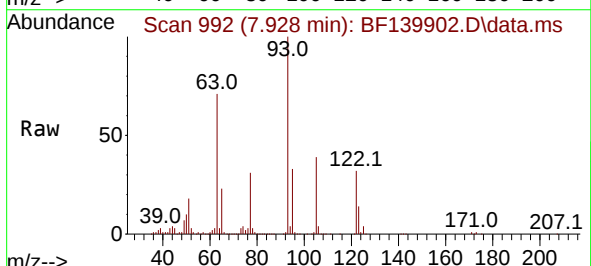
Tgt Ion:122 Resp: 344178

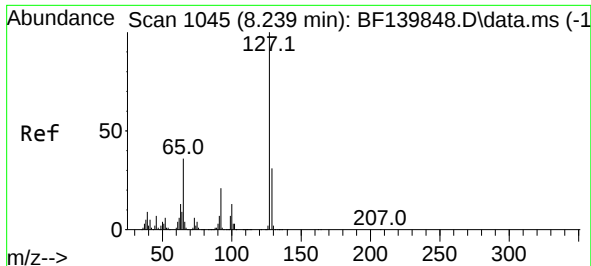
Ion Ratio Lower Upper

122 100

105 124.1 107.6 147.6

77 97.4 80.2 120.2





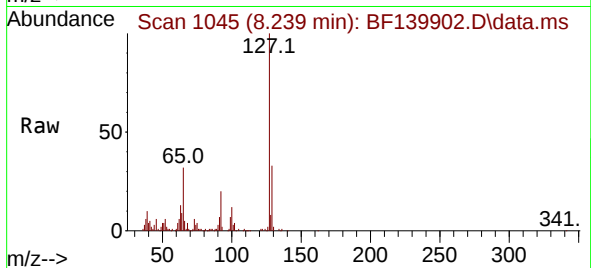
#33
4-Chloroaniline
Concen: 10.416 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS



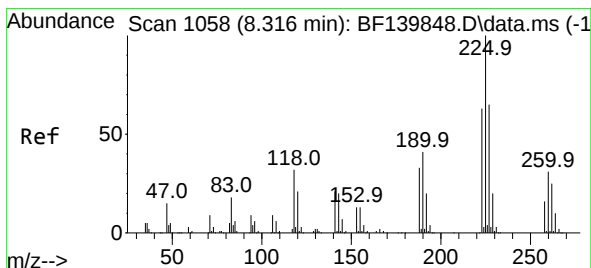
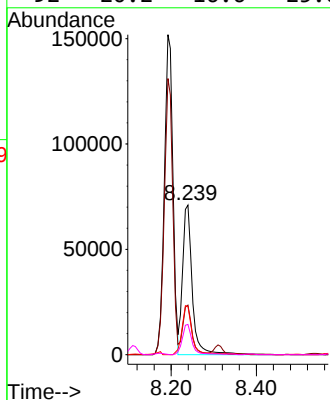
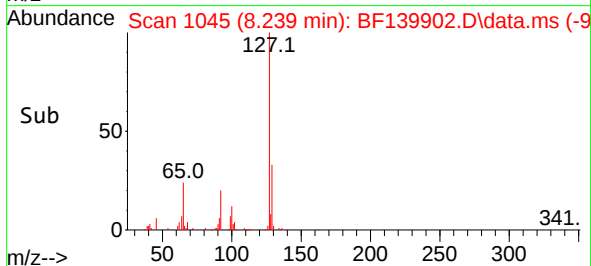
Tgt Ion:127 Resp: 113169
Ion Ratio Lower Upper
127 100
129 33.2 25.4 38.2
65 32.3 28.4 42.6
92 20.2 16.6 25.0

Manual Integrations

APPROVED

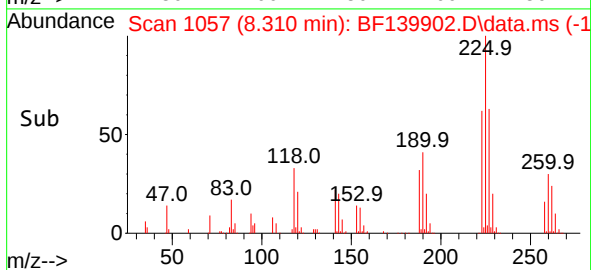
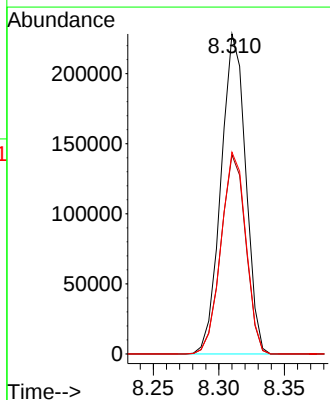
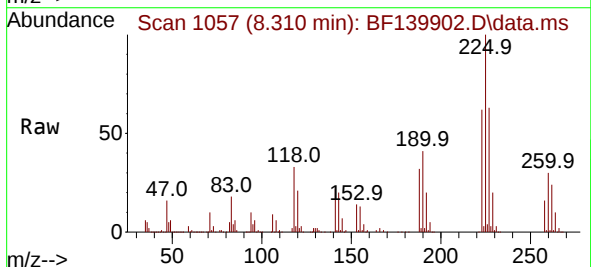
Reviewed By :Yogesh Patel 10/22/2024

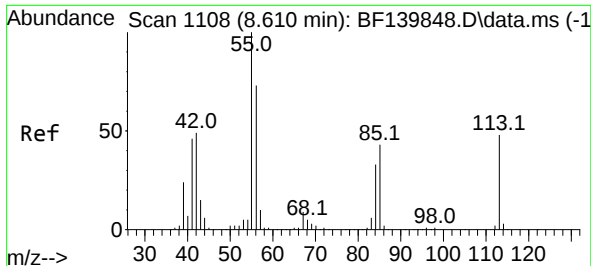
Supervised By :mohammad ahmed 10/23/2024



#34
Hexachlorobutadiene
Concen: 49.130 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

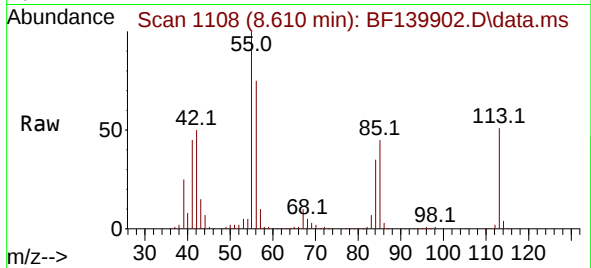
Tgt Ion:225 Resp: 299094
Ion Ratio Lower Upper
225 100
223 62.2 50.6 76.0
227 63.1 51.8 77.8





#35
 Caprolactam
 Concen: 53.118 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139902.D
 Acq: 21 Oct 2024 14:47

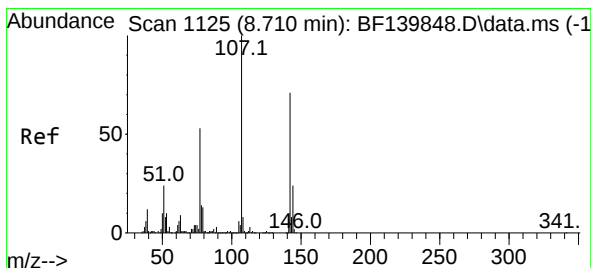
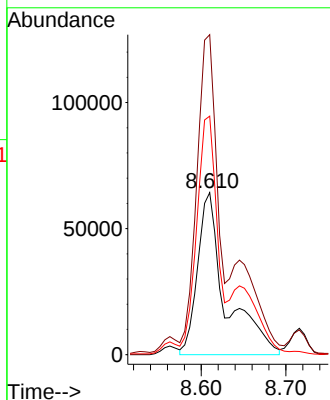
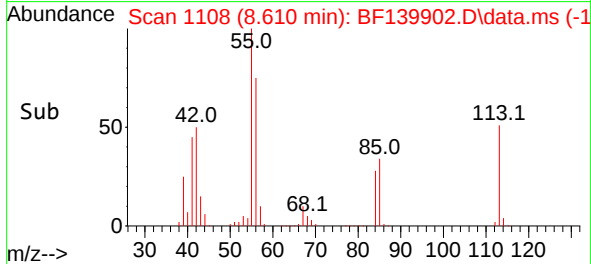
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS



Tgt Ion:113 Resp: 147894
 Ion Ratio Lower Upper
 113 100
 55 197.5 189.2 229.2
 56 147.2 132.5 172.5

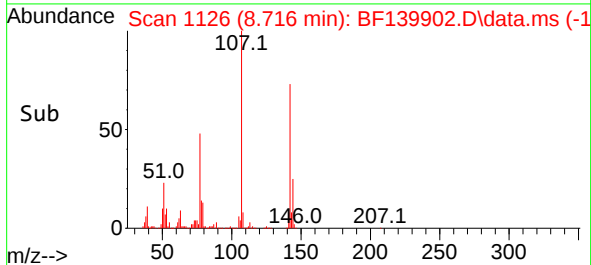
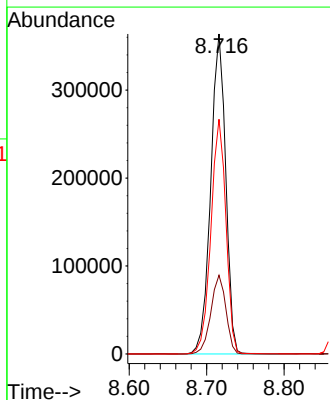
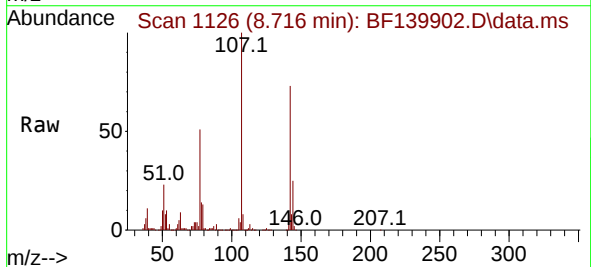
Manual Integrations
 APPROVED

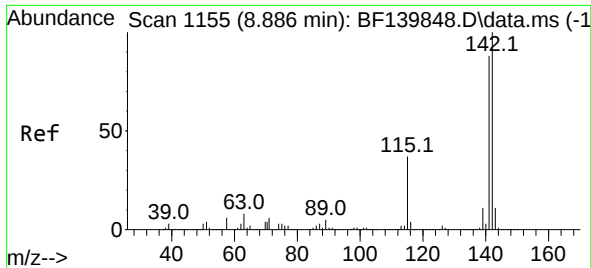
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#36
 4-Chloro-3-methylphenol
 Concen: 50.442 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139902.D
 Acq: 21 Oct 2024 14:47

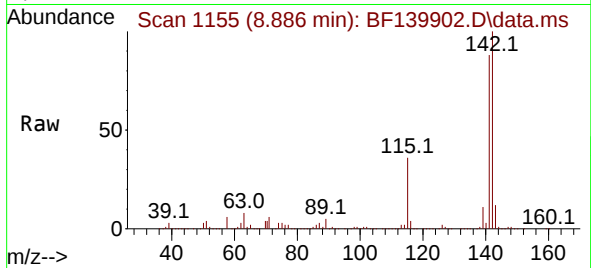
Tgt Ion:107 Resp: 489084
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.1 28.7
 142 73.4 57.2 85.8





#37
2-Methylnaphthalene
Concen: 50.932 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

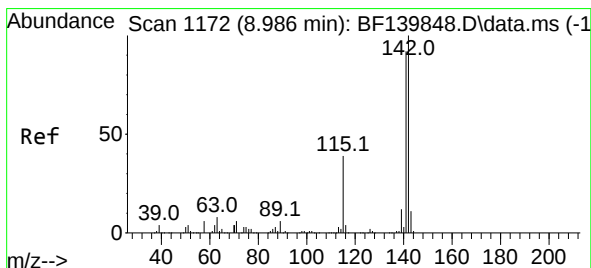
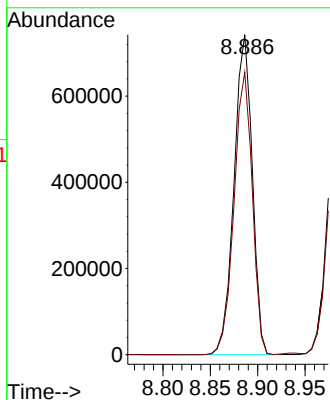
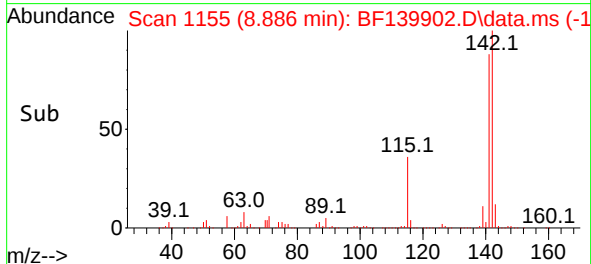
Instrument :
BNA_F
ClientSampleId :
SP-3MS



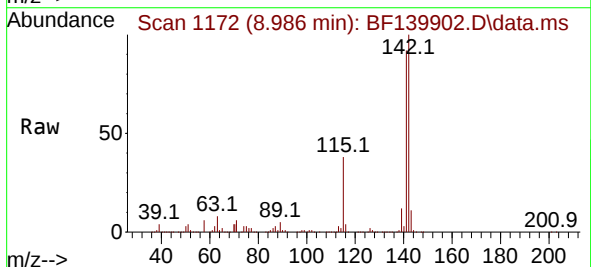
Tgt Ion:142 Resp: 993862
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

Manual Integrations
APPROVED

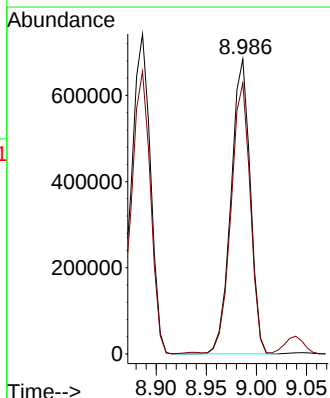
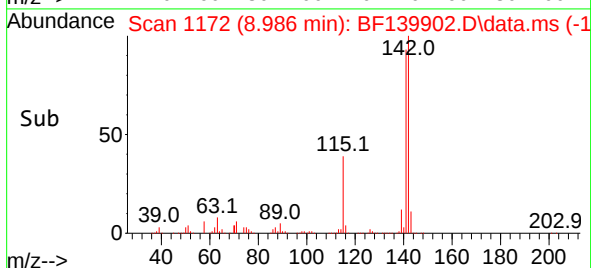
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

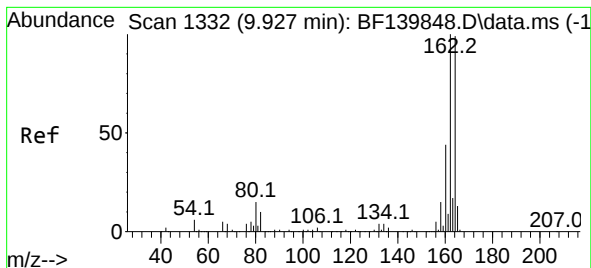


#38
1-Methylnaphthalene
Concen: 47.780 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



Tgt Ion:142 Resp: 914744
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139902.D

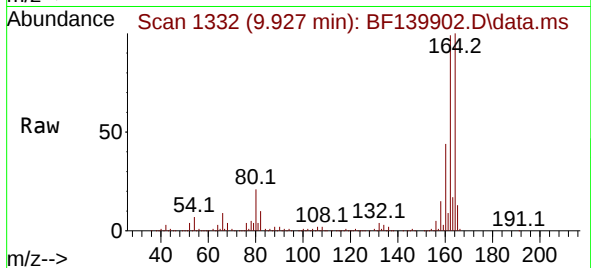
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS



Tgt Ion:164 Resp: 33546

Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.4

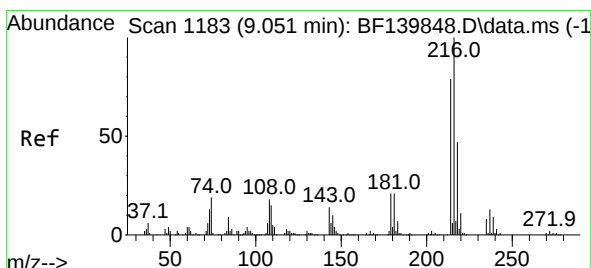
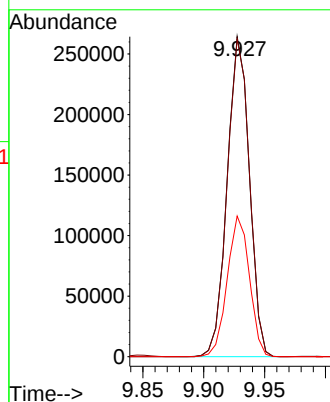
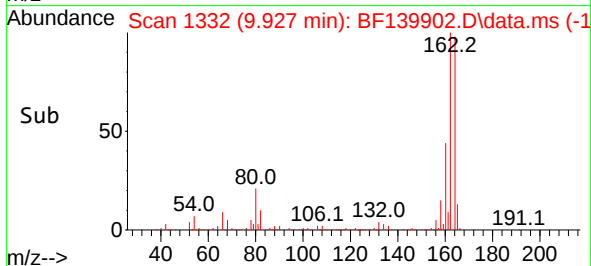
160 43.9 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.386 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Tgt Ion:216 Resp: 456013

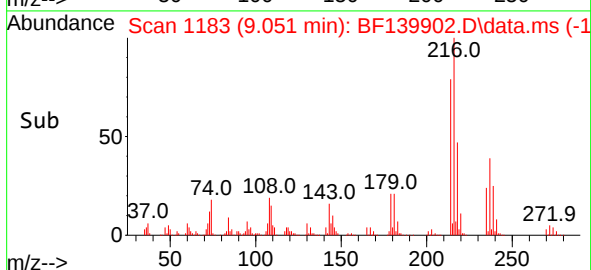
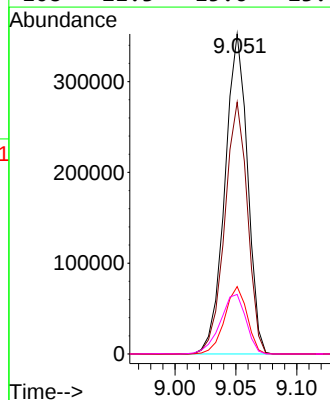
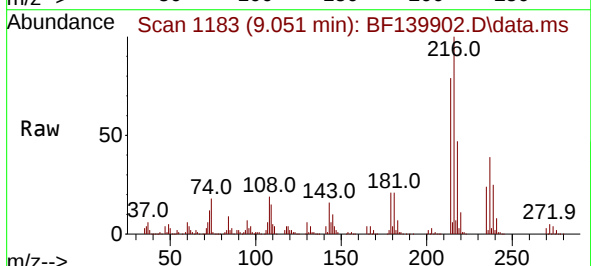
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 20.9 17.2 25.8

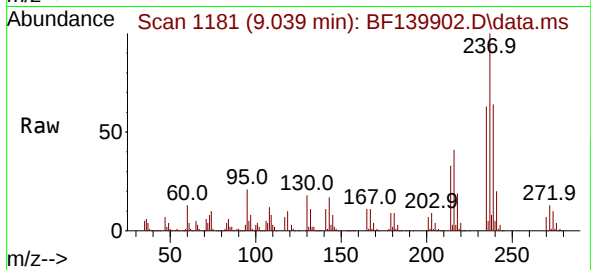
108 21.3 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 153.232 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

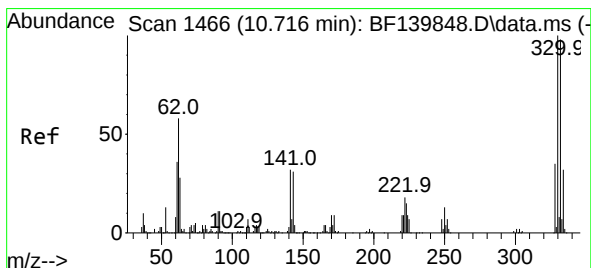
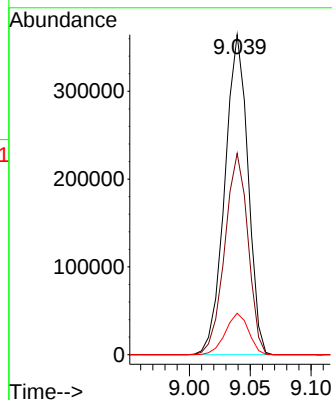
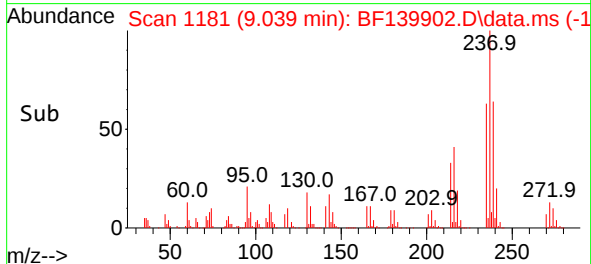
Instrument :
BNA_F
ClientSampleId :
SP-3MS



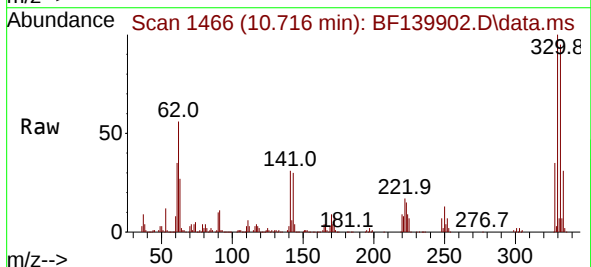
Tgt Ion:237 Resp: 482538
Ion Ratio Lower Upper
237 100
235 62.9 42.9 82.9
272 13.0 0.0 32.3

Manual Integrations
APPROVED

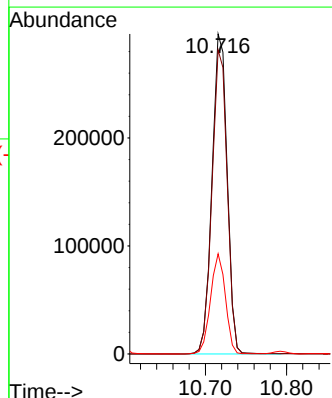
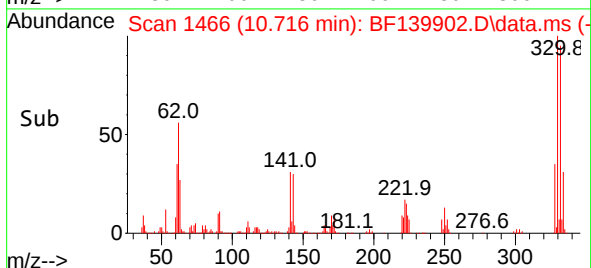
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#42
2,4,6-Tribromophenol
Concen: 122.205 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



Tgt Ion:330 Resp: 383460
Ion Ratio Lower Upper
330 100
332 95.5 78.1 117.1
141 30.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 54.811 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion:196 Resp: 351200

Ion Ratio Lower Upper

196 100

198 93.9 76.2 114.2

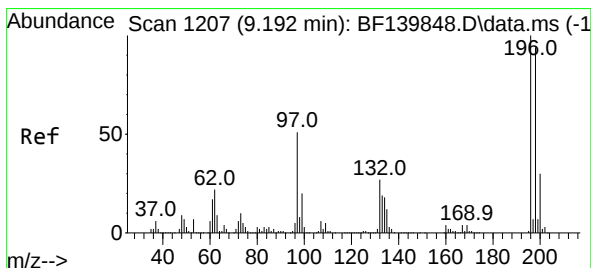
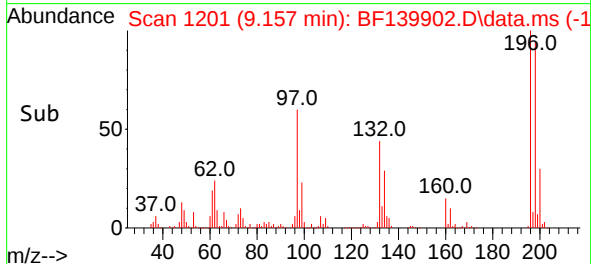
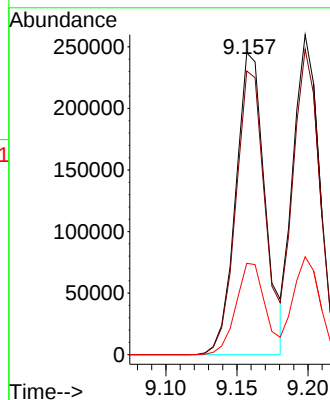
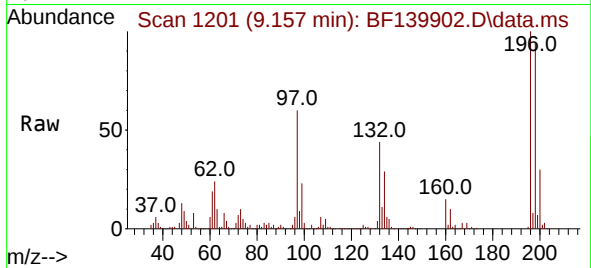
200 30.3 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#44

2,4,5-Trichlorophenol

Concen: 50.192 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Tgt Ion:196 Resp: 331813

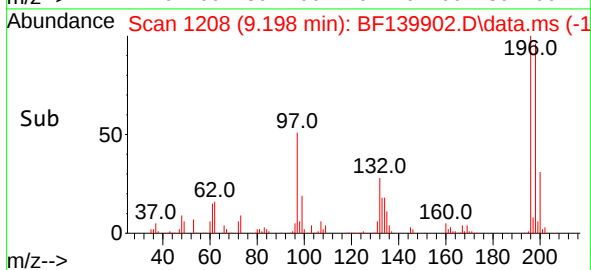
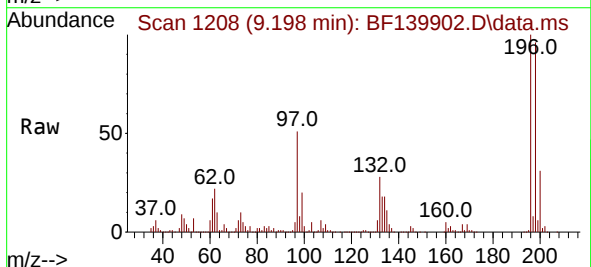
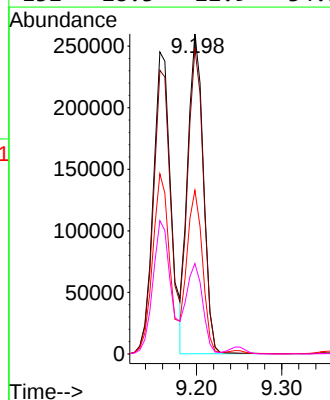
Ion Ratio Lower Upper

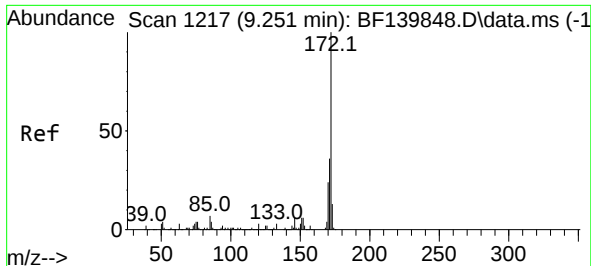
196 100

198 95.5 75.8 113.6

97 51.1 41.8 62.6

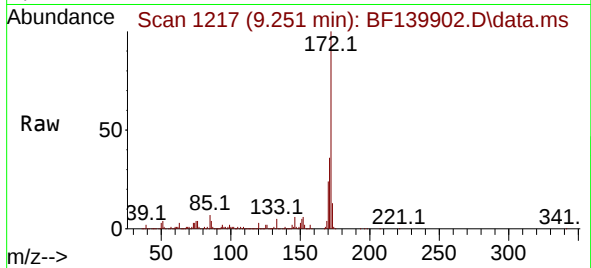
132 28.3 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 83.097 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

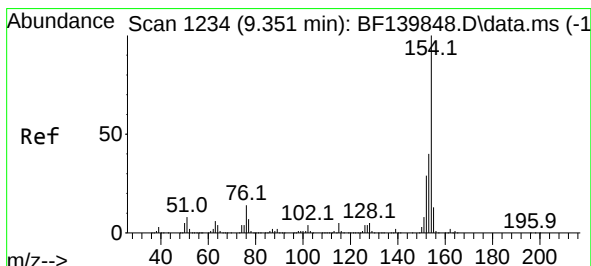
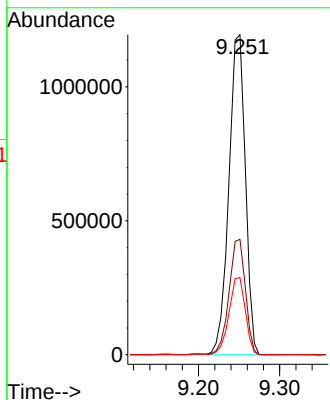
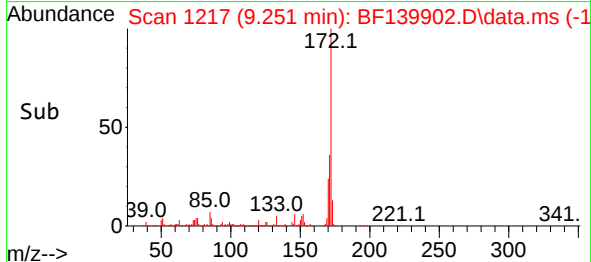
Instrument :
BNA_F
ClientSampleId :
SP-3MS



Tgt Ion:172 Resp: 1686711
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.1 19.1 28.7

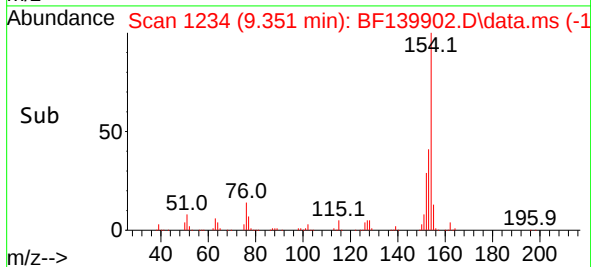
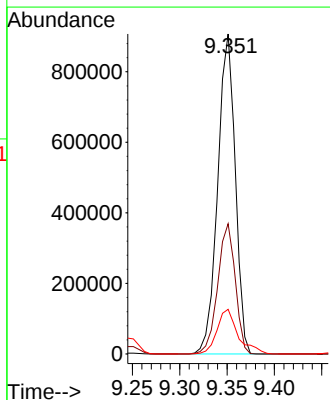
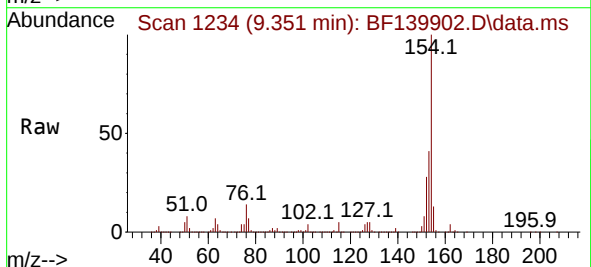
Manual Integrations
APPROVED

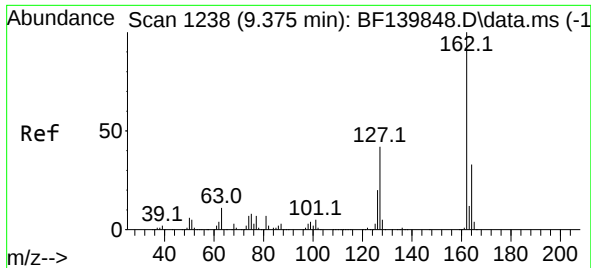
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#46
1,1'-Biphenyl
Concen: 50.093 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Tgt Ion:154 Resp: 1169824
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 14.0 0.0 33.9





#47

2-Chloronaphthalene

Concen: 49.826 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion:162 Resp: 937179

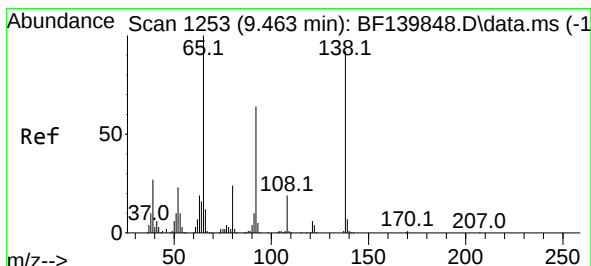
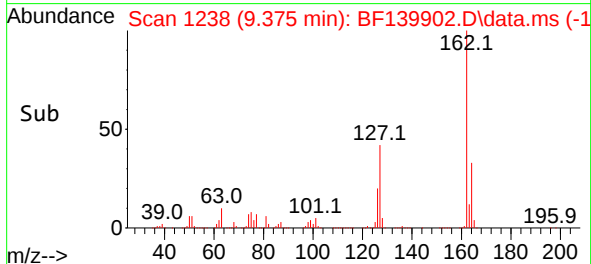
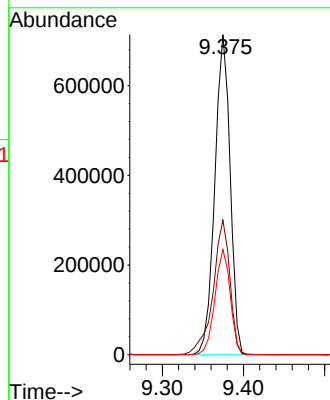
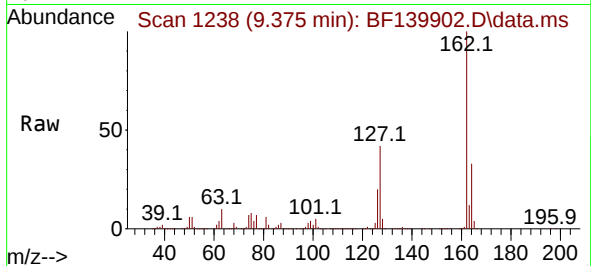
Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.8	50.6
164	32.8	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#48

2-Nitroaniline

Concen: 55.174 ng

RT: 9.469 min Scan# 1254

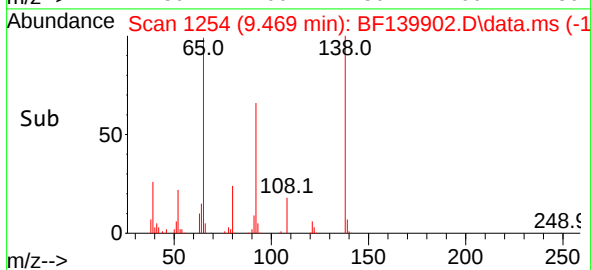
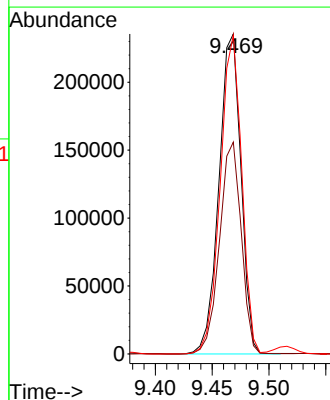
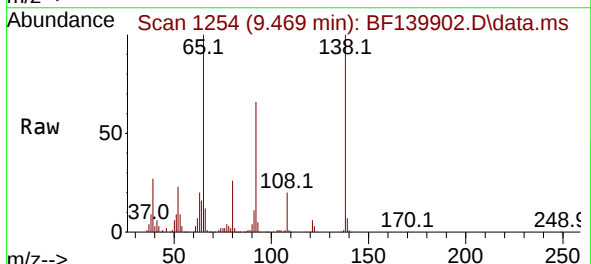
Delta R.T. 0.006 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Tgt Ion: 65 Resp: 317397

Ion	Ratio	Lower	Upper
65	100		
92	66.2	50.9	76.3
138	99.7	73.4	110.0





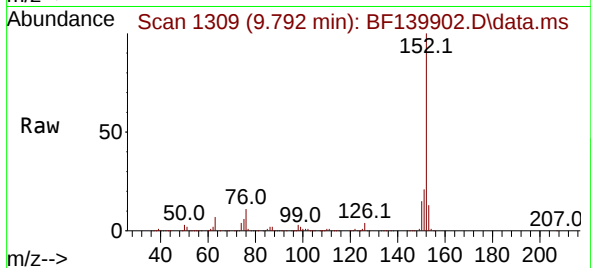
#49
Acenaphthylene
Concen: 53.376 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

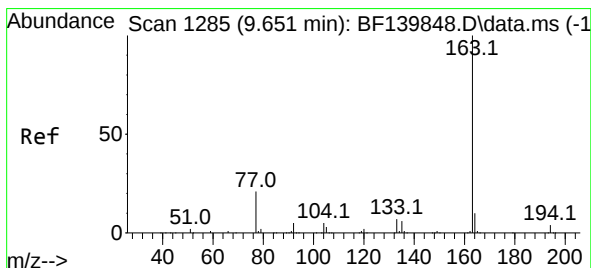
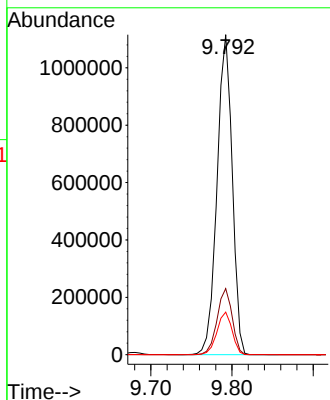
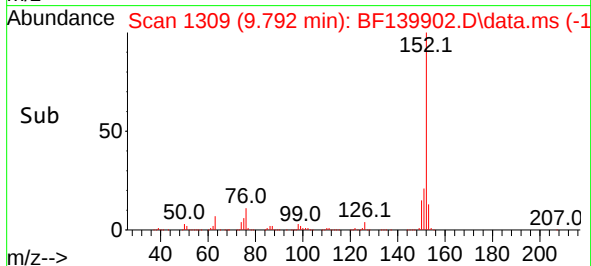


Tgt Ion:152 Resp: 1451414
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.3 10.7 16.1

Manual Integrations

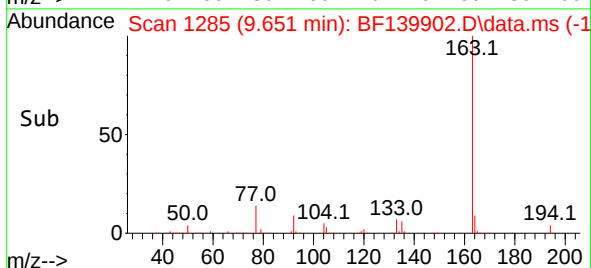
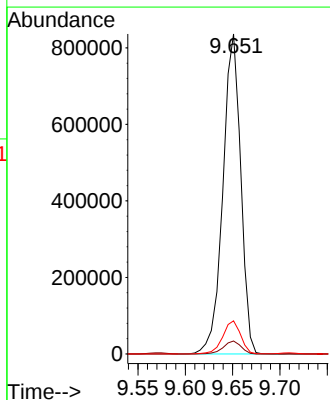
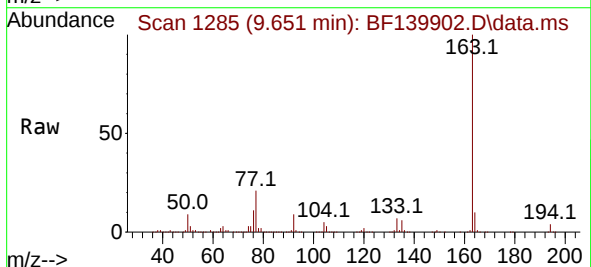
APPROVED

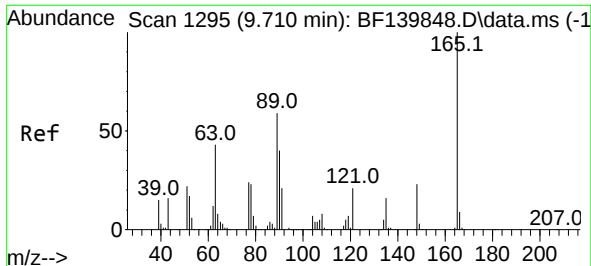
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#50
Dimethylphthalate
Concen: 52.455 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

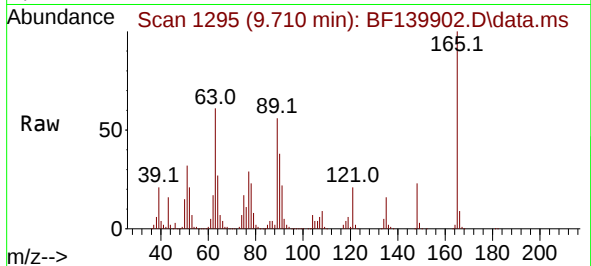
Tgt Ion:163 Resp: 1096069
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.427 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

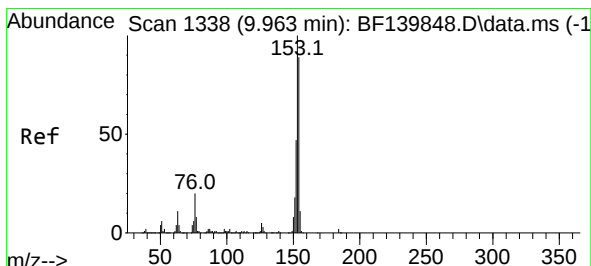
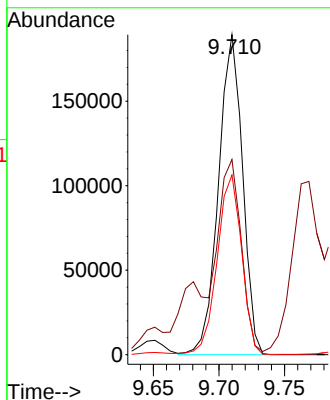
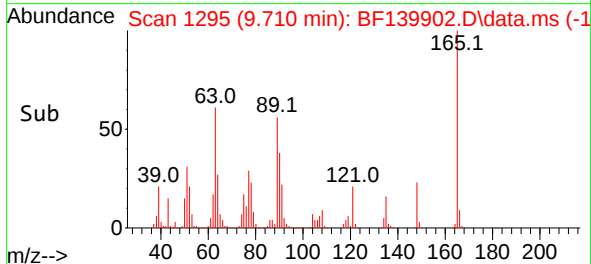
Instrument :
BNA_F
Client Sample Id :
SP-3MS



Tgt Ion:165 Resp: 24171
Ion Ratio Lower Upper
165 100
63 61.0 50.6 75.8
89 56.1 47.5 71.3

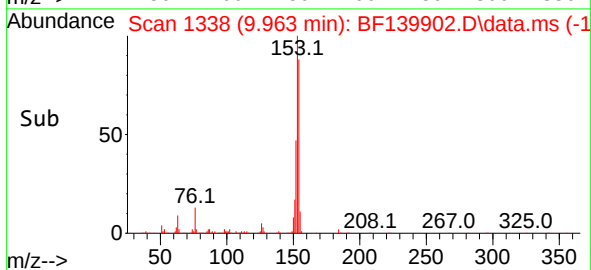
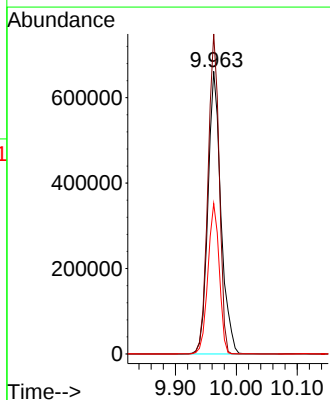
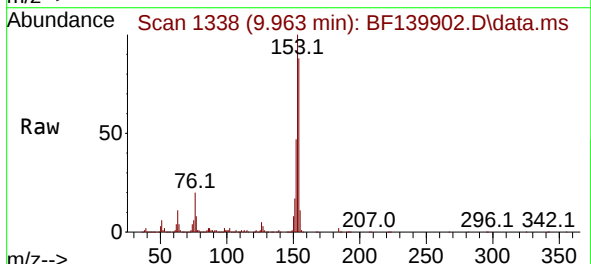
Manual Integrations
APPROVED

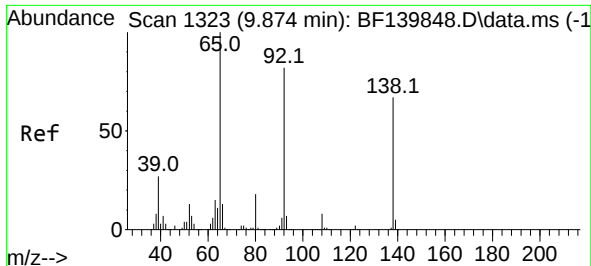
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#52
Acenaphthene
Concen: 55.783 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

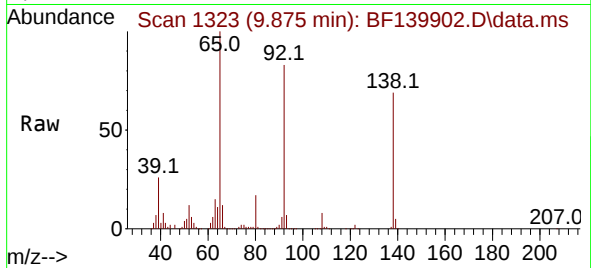
Tgt Ion:154 Resp: 981249
Ion Ratio Lower Upper
154 100
153 113.3 89.8 134.6
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 30.490 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

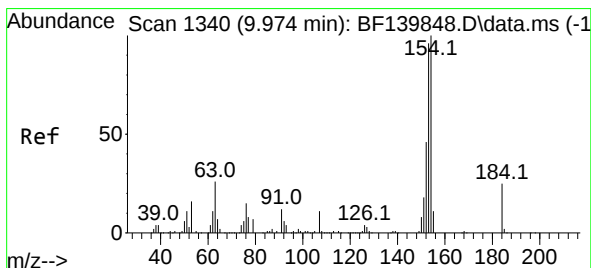
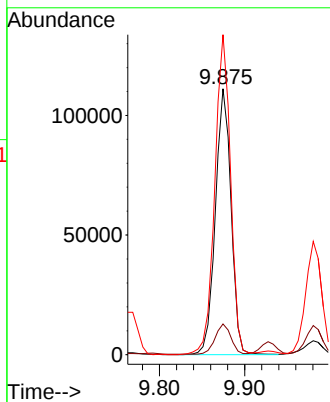
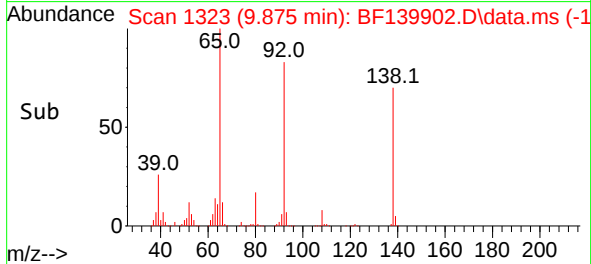
Instrument :
BNA_F
ClientSampleId :
SP-3MS



Tgt Ion:138 Resp: 14225
Ion Ratio Lower Upper
138 100
108 11.5 10.2 15.2
92 120.4 98.3 147.5

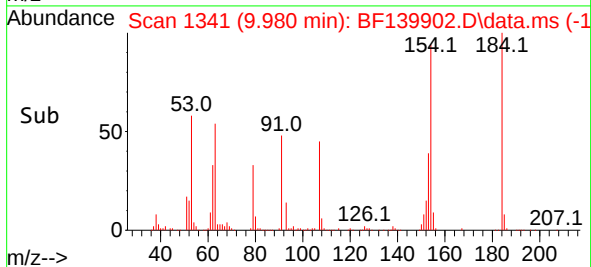
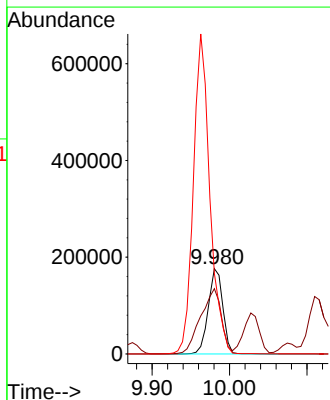
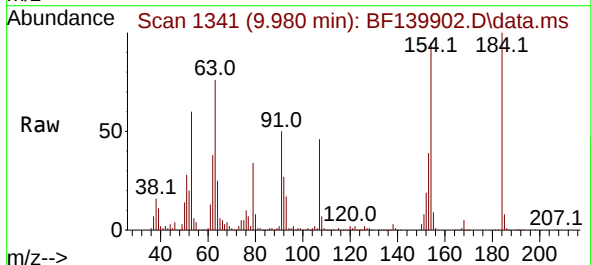
Manual Integrations
APPROVED

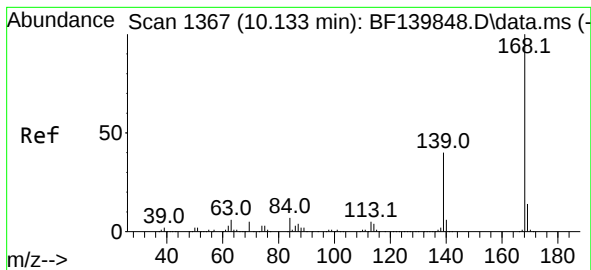
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#54
2,4-Dinitrophenol
Concen: 118.216 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

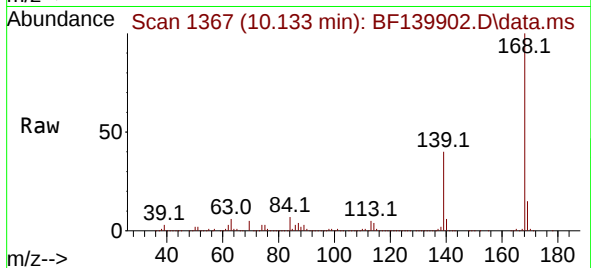
Tgt Ion:184 Resp: 228598
Ion Ratio Lower Upper
184 100
63 76.5 84.7 127.1#
154 94.6 338.2 507.2#





#55
Dibenzenofuran
Concen: 50.828 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

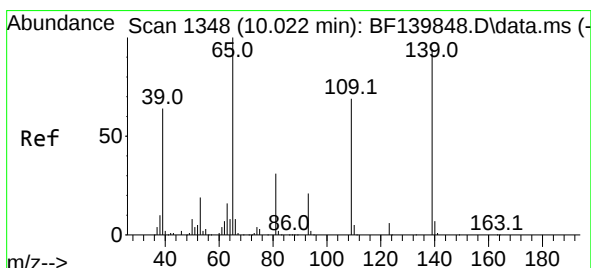
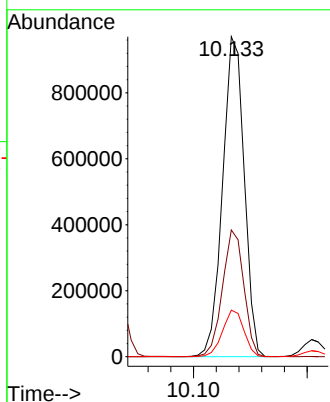
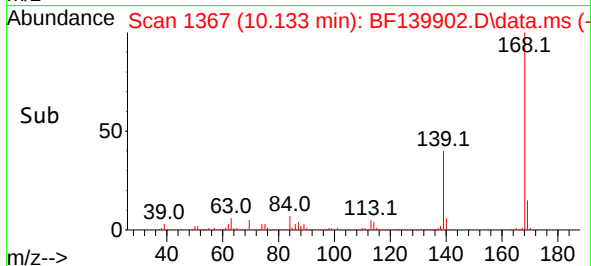
Instrument :
BNA_F
ClientSampleId :
SP-3MS



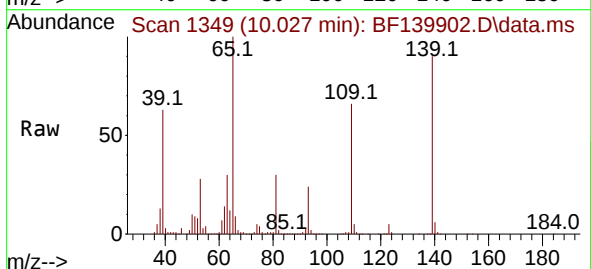
Tgt Ion:168 Resp: 128282
Ion Ratio Lower Upper
168 100
139 39.6 31.8 47.6
169 14.5 11.6 17.4

Manual Integrations
APPROVED

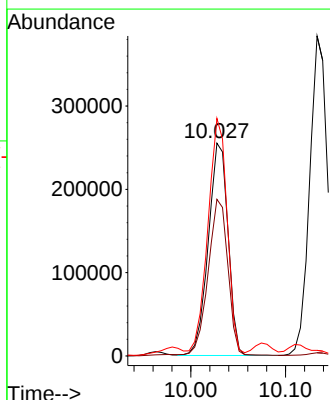
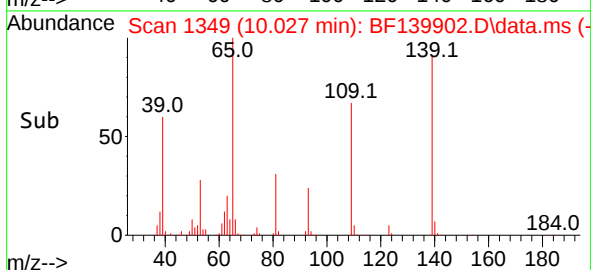
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

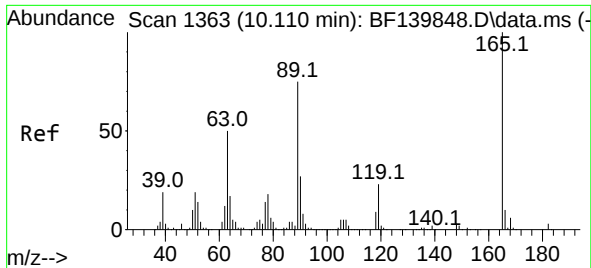


#56
4-Nitrophenol
Concen: 102.803 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



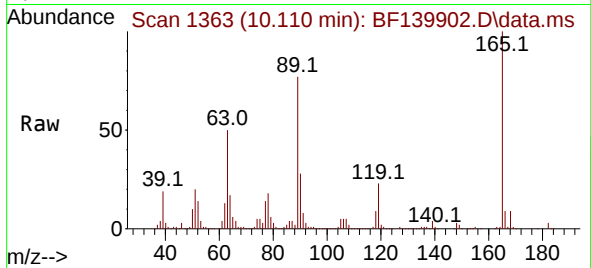
Tgt Ion:139 Resp: 369013
Ion Ratio Lower Upper
139 100
109 73.6 53.6 93.6
65 111.7 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 57.069 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

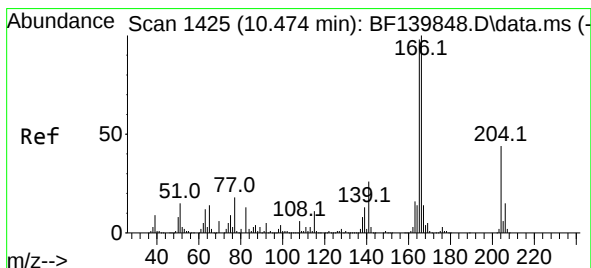
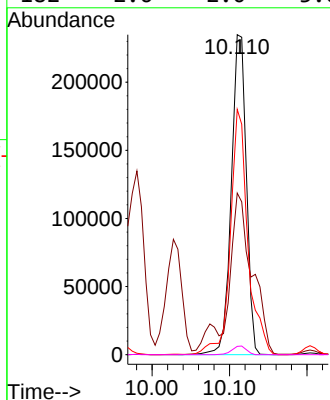
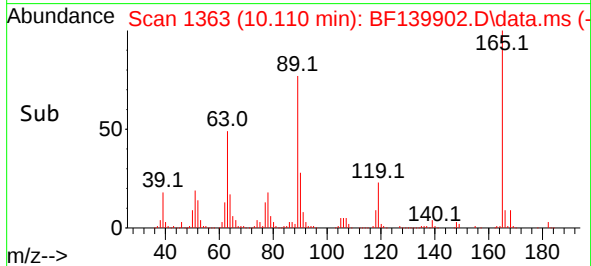
Instrument :
BNA_F
ClientSampleId :
SP-3MS



Tgt Ion:165 Resp: 31751
Ion Ratio Lower Upper
165 100
63 50.5 40.1 60.1
89 76.7 60.4 90.6
182 2.6 2.0 3.0

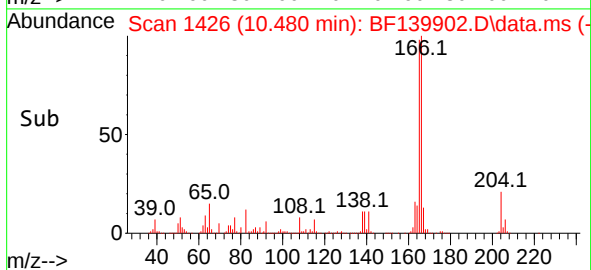
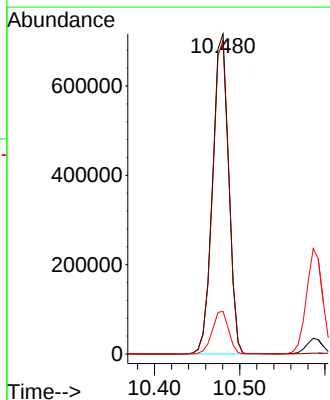
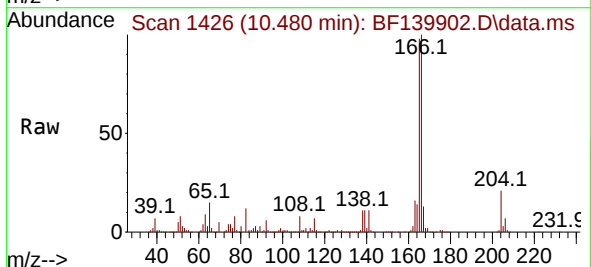
Manual Integrations
APPROVED

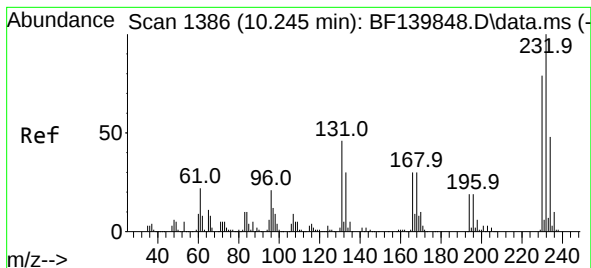
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#58
Fluorene
Concen: 49.196 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

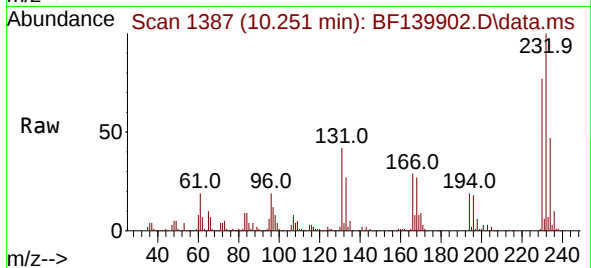
Tgt Ion:166 Resp: 945689
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.060 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

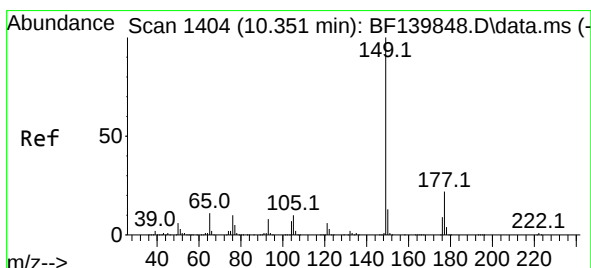
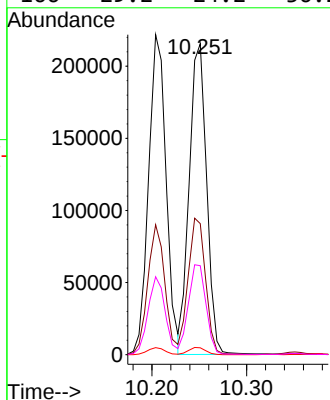
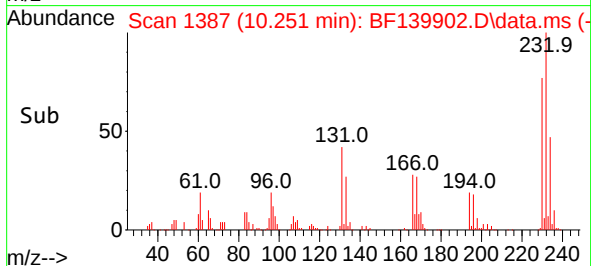
Instrument :
BNA_F
ClientSampleId :
SP-3MS



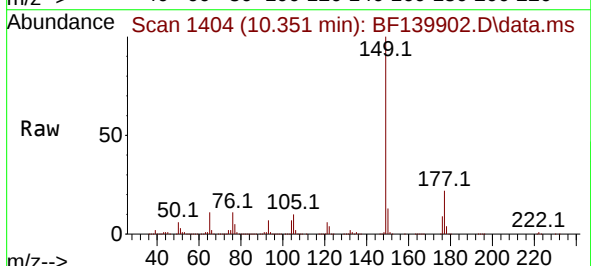
Tgt Ion:232 Resp: 274981
Ion Ratio Lower Upper
232 100
131 43.7 37.0 55.6
130 2.3 1.9 2.9
166 29.2 24.2 36.2

Manual Integrations
APPROVED

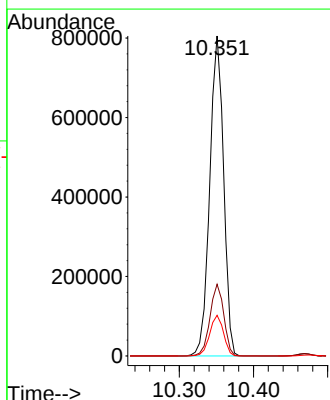
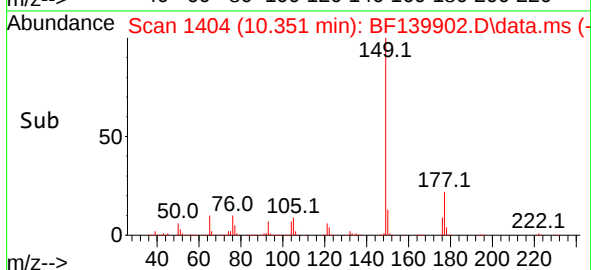
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

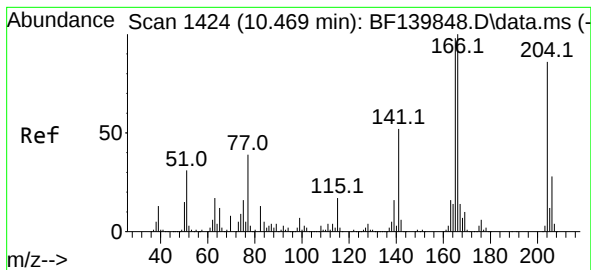


#60
Diethylphthalate
Concen: 50.902 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



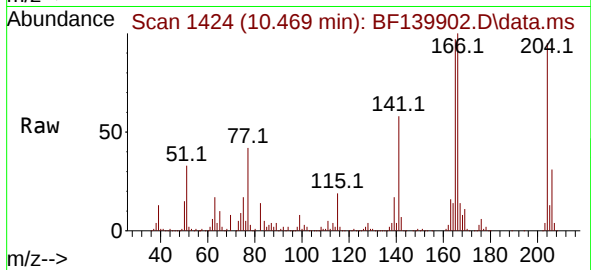
Tgt Ion:149 Resp: 1044323
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.119 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

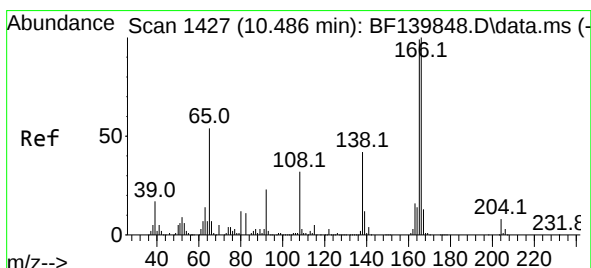
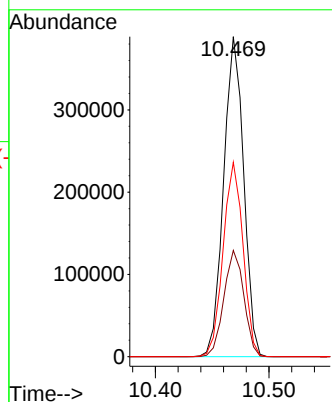
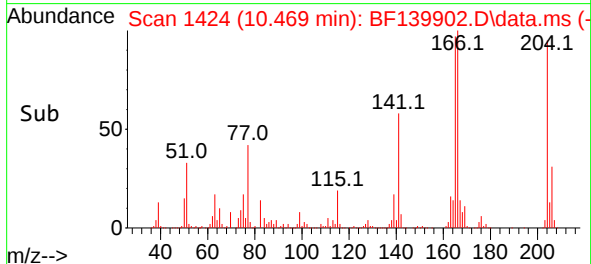
Instrument :
BNA_F
ClientSampleId :
SP-3MS



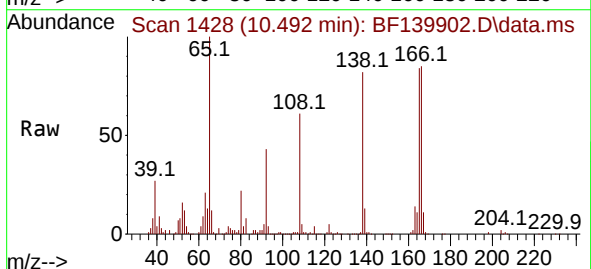
Tgt Ion:204 Resp: 47683
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 60.8 48.6 73.0

Manual Integrations
APPROVED

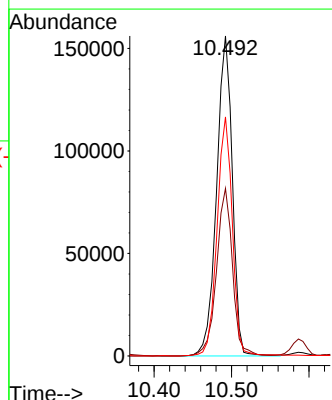
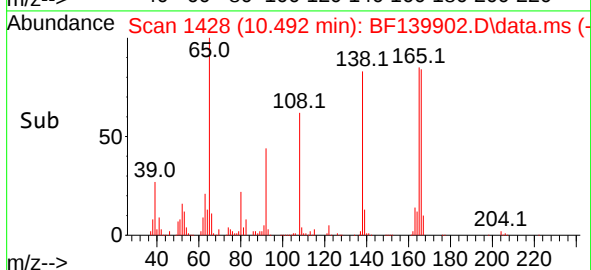
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

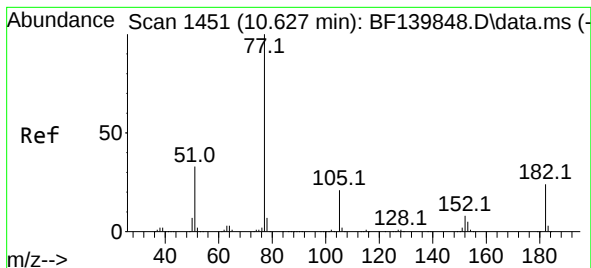


#62
4-Nitroaniline
Concen: 49.958 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



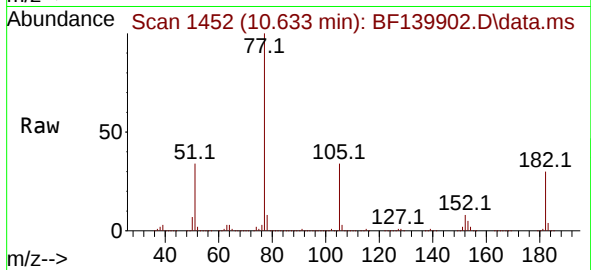
Tgt Ion:138 Resp: 220141
Ion Ratio Lower Upper
138 100
92 52.3 35.7 75.7
108 74.7 57.5 97.5





#63
Azobenzene
Concen: 59.544 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

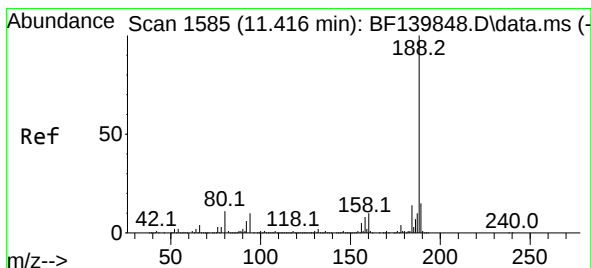
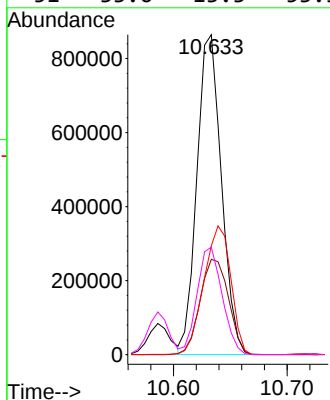
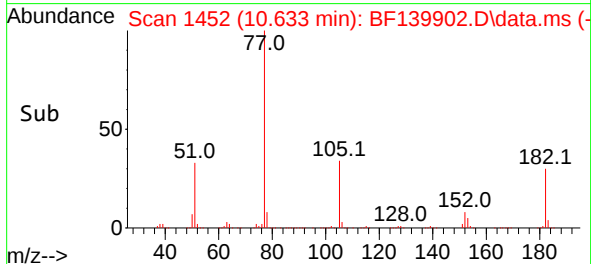
Instrument :
BNA_F
ClientSampleId :
SP-3MS



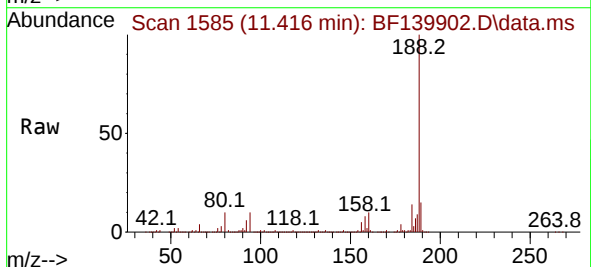
Tgt Ion: 77 Resp: 129511
Ion Ratio Lower Upper
77 100
182 29.8 3.3 43.3
105 34.0 1.2 41.2
51 33.6 13.3 53.3

Manual Integrations
APPROVED

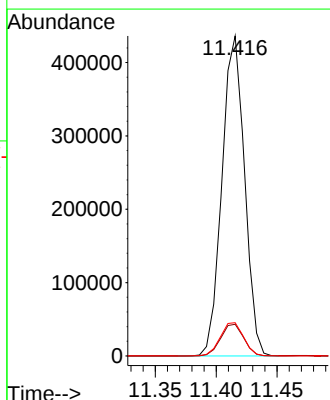
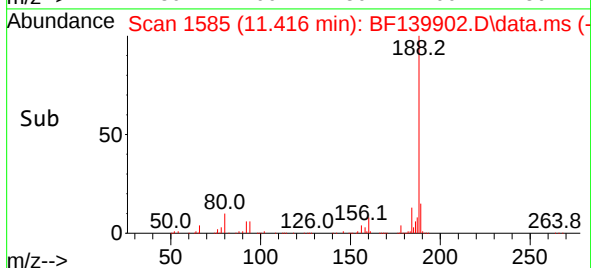
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

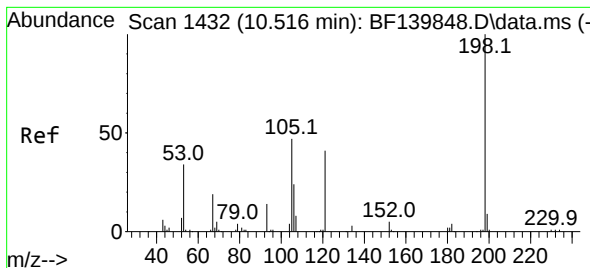


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



Tgt Ion:188 Resp: 563658
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 10.4 9.0 13.4





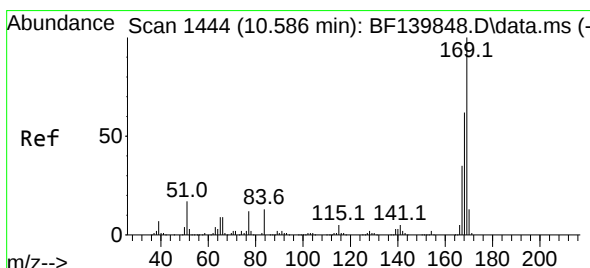
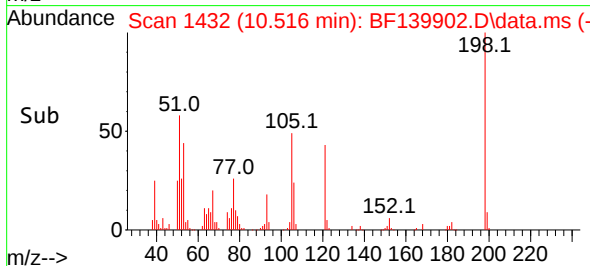
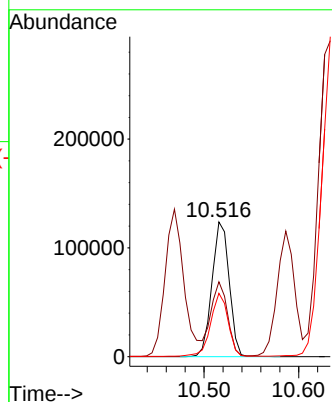
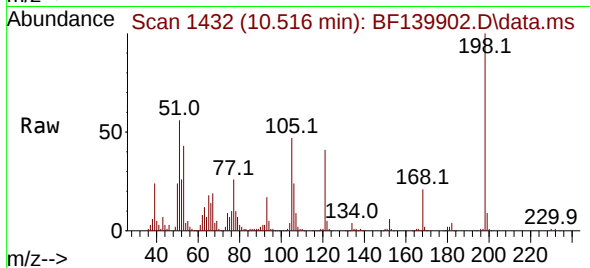
#65
4,6-Dinitro-2-methylphenol
Concen: 67.822 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tgt Ion:198 Resp: 155932
Ion Ratio Lower Upper
198 100
51 55.6 38.2 78.2
105 47.1 27.9 67.9

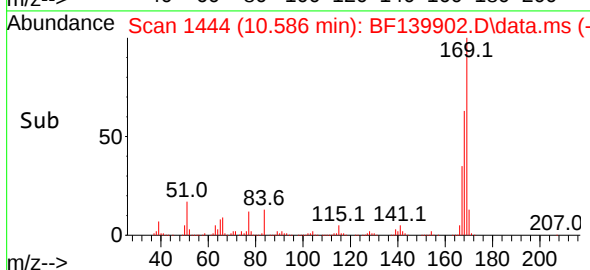
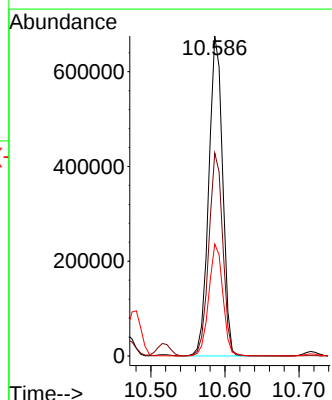
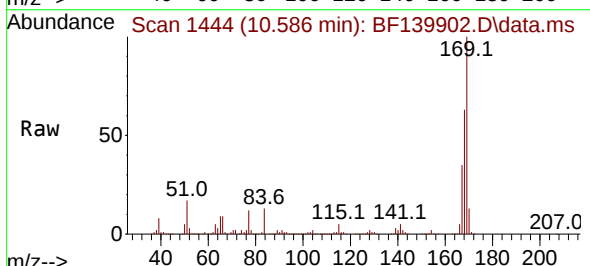
Manual Integrations
APPROVED

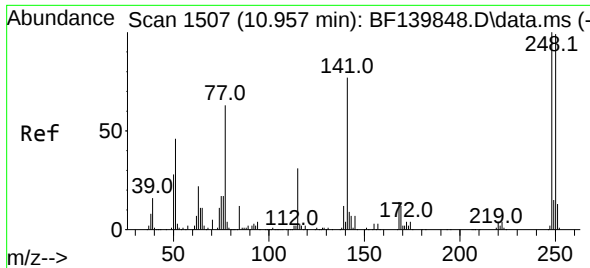
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#66
n-Nitrosodiphenylamine
Concen: 51.971 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

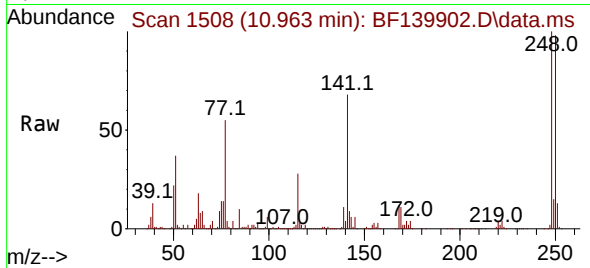
Tgt Ion:169 Resp: 876750
Ion Ratio Lower Upper
169 100
168 63.5 49.8 74.6
167 35.0 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 52.615 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

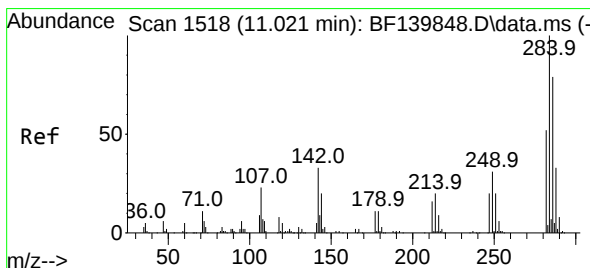
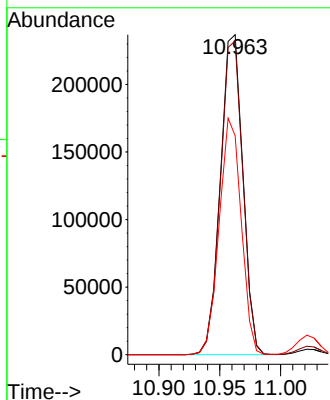
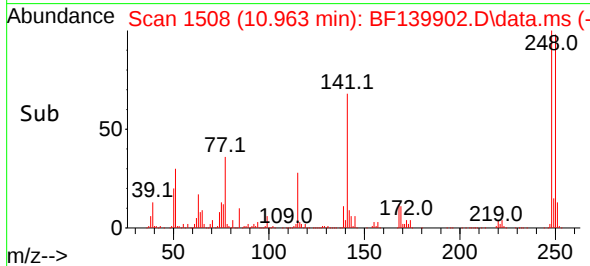
Instrument :
BNA_F
ClientSampleId :
SP-3MS



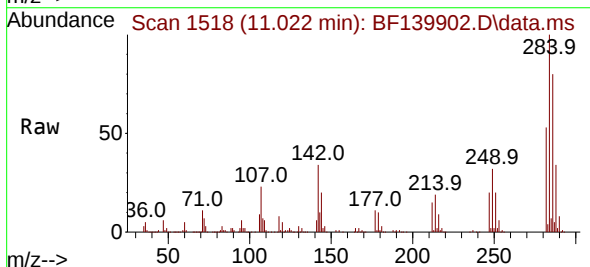
Tgt Ion:248 Resp: 305519
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.6
141 68.4 61.7 92.5

Manual Integrations
APPROVED

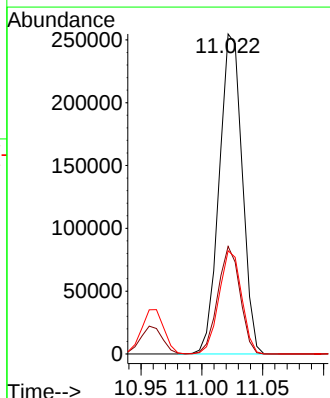
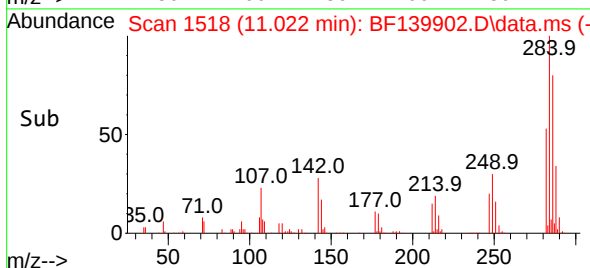
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

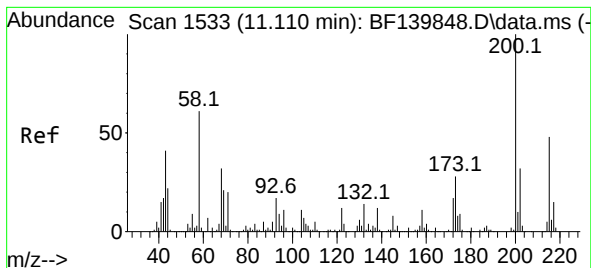


#68
Hexachlorobenzene
Concen: 51.241 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



Tgt Ion:284 Resp: 334639
Ion Ratio Lower Upper
284 100
142 33.6 26.9 40.3
249 32.3 25.3 37.9





#69

Atrazine

Concen: 62.046 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion:200 Resp: 28354

Ion Ratio Lower Upper

200 100

173 27.5 7.7 47.7

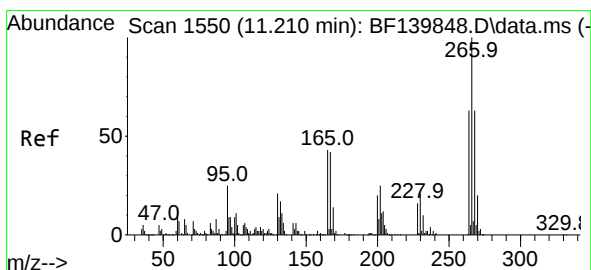
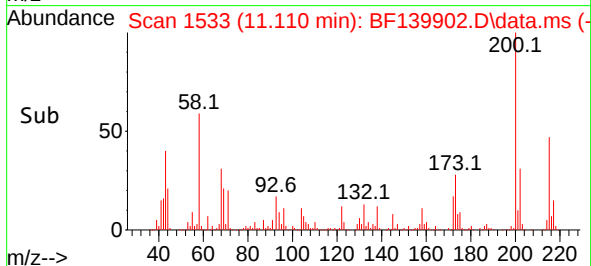
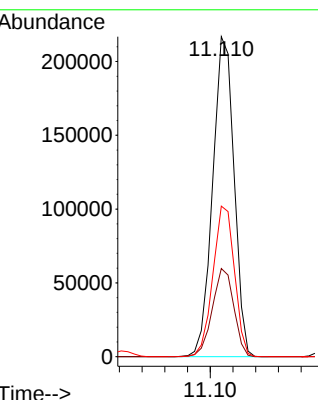
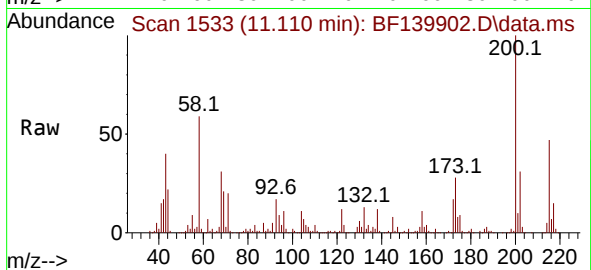
215 47.0 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#70

Pentachlorophenol

Concen: 97.342 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

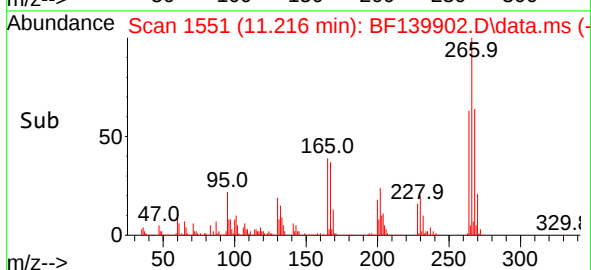
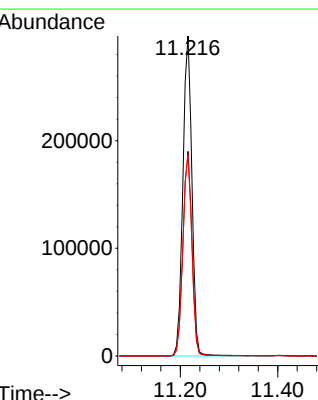
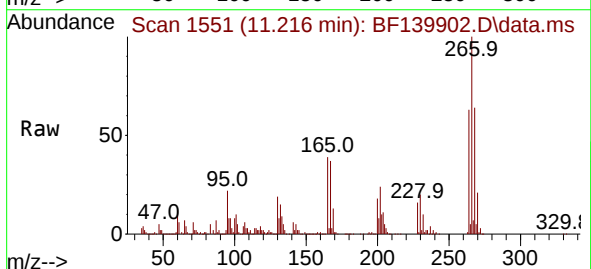
Tgt Ion:266 Resp: 385813

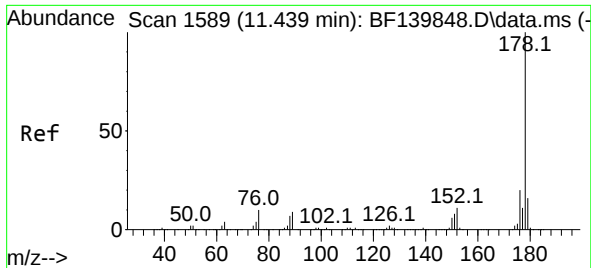
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

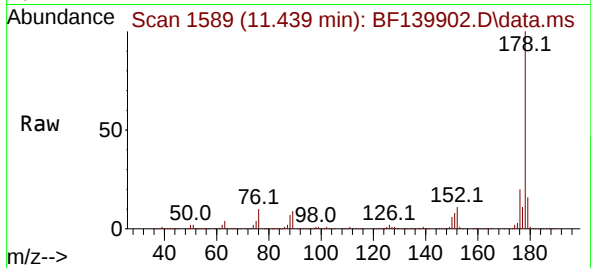
264 62.7 50.6 75.8





#71
Phenanthrene
Concen: 51.542 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

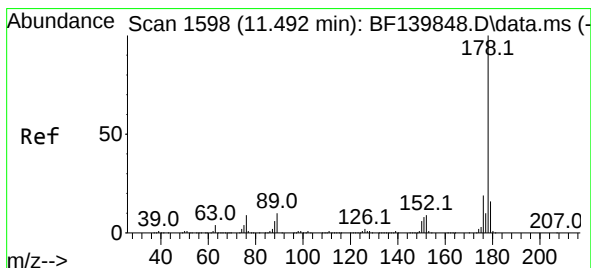
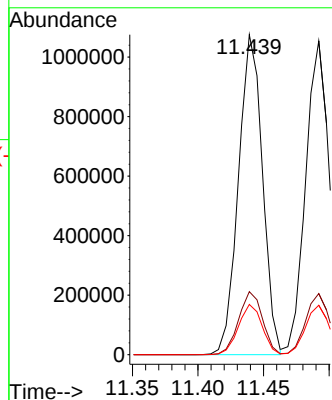
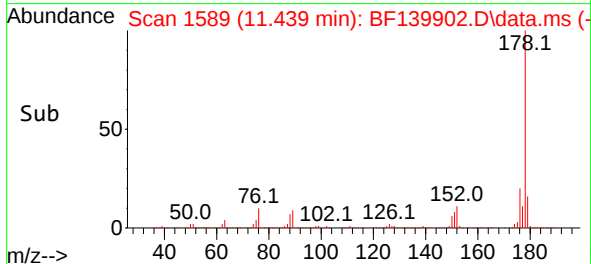
Instrument :
BNA_F
ClientSampleId :
SP-3MS



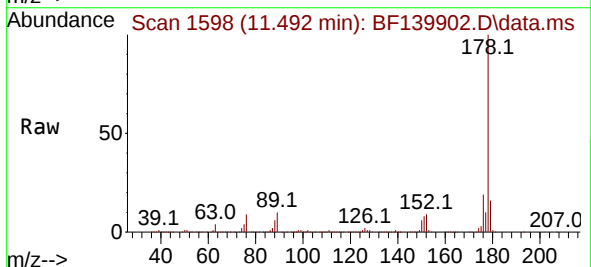
Tgt Ion:178 Resp: 137229
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.7 12.6 18.8

Manual Integrations
APPROVED

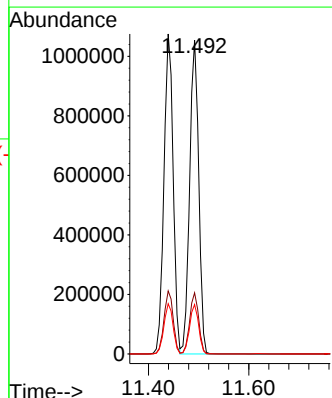
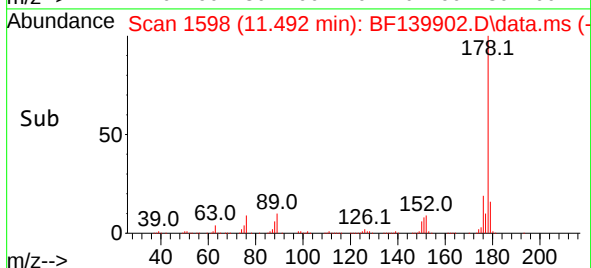
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

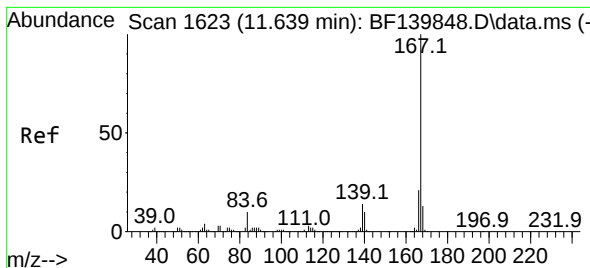


#72
Anthracene
Concen: 51.002 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



Tgt Ion:178 Resp: 1324889
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.8 12.4 18.6





#73

Carbazole

Concen: 48.130 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF139902.D

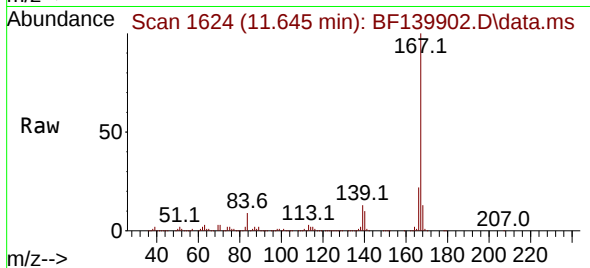
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS



Tgt Ion:167 Resp: 1162810

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

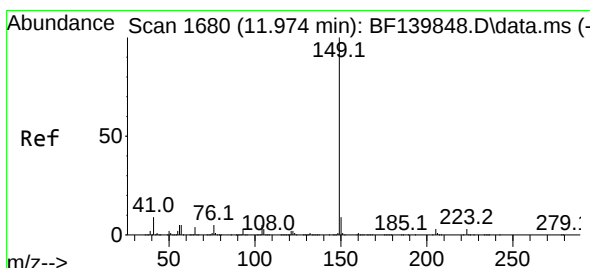
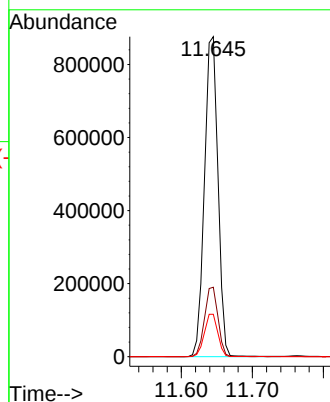
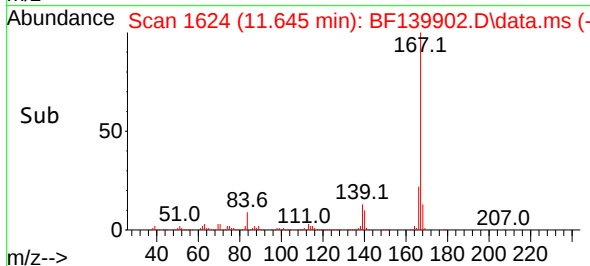
139 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#74

Di-n-butylphthalate

Concen: 51.894 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

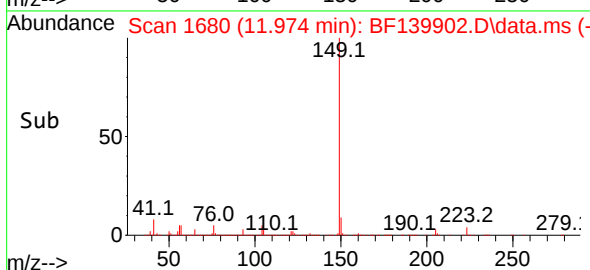
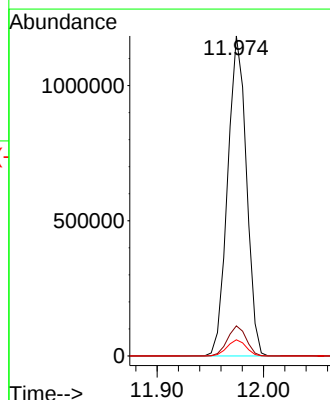
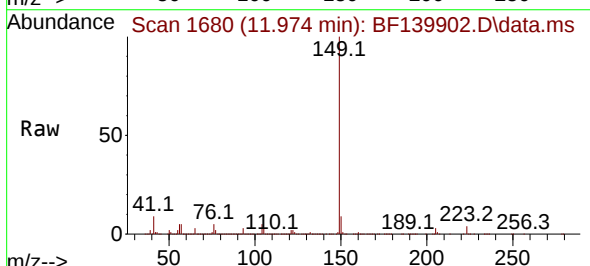
Tgt Ion:149 Resp: 1448476

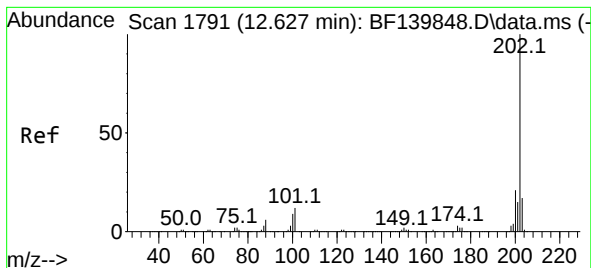
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

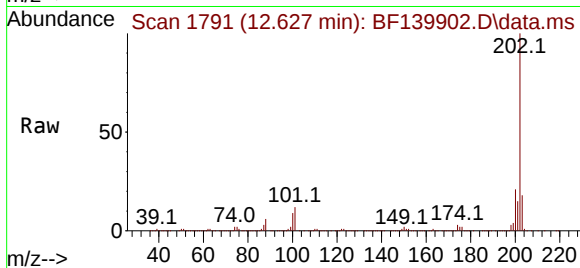
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 47.146 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

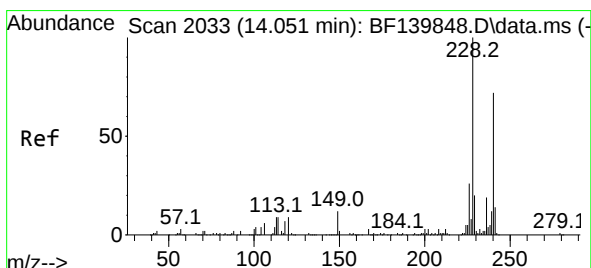
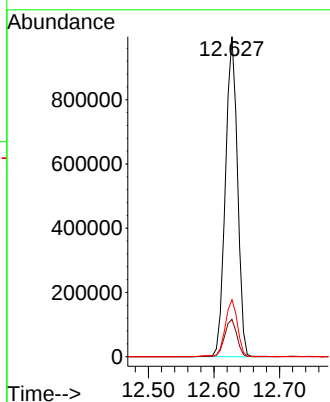
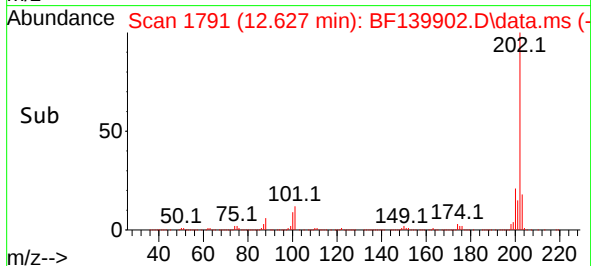
Instrument :
BNA_F
ClientSampleId :
SP-3MS



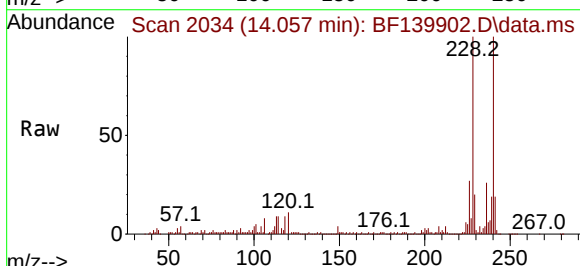
Tgt Ion:202 Resp: 1268974
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.9
203 17.8 0.0 37.5

Manual Integrations
APPROVED

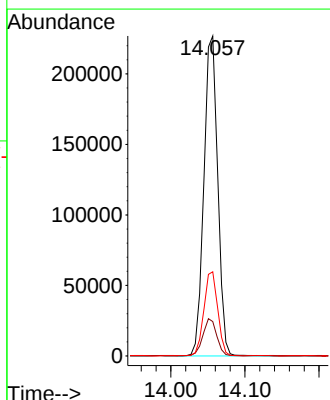
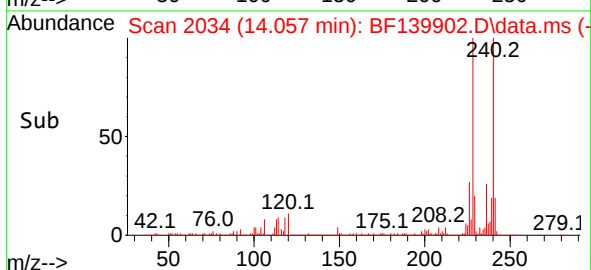
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

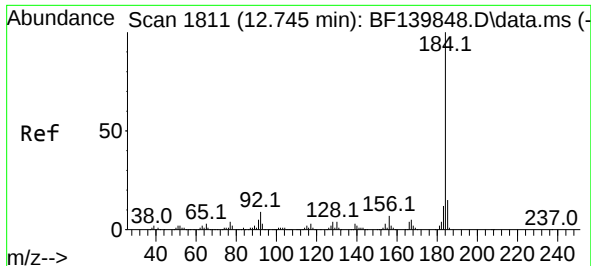


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47



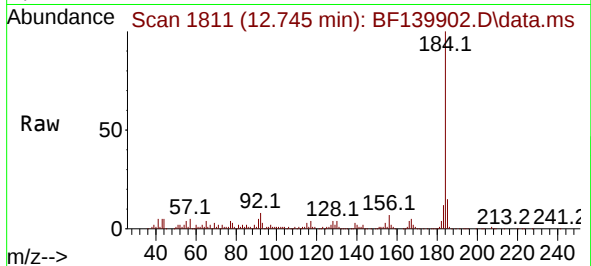
Tgt Ion:240 Resp: 294671
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.3 20.9 31.3





#77
Benzidine
Concen: 26.142 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

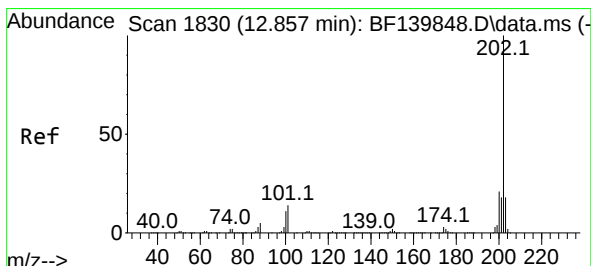
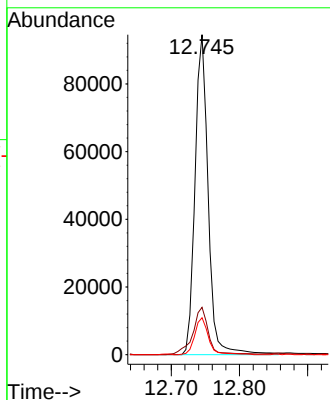
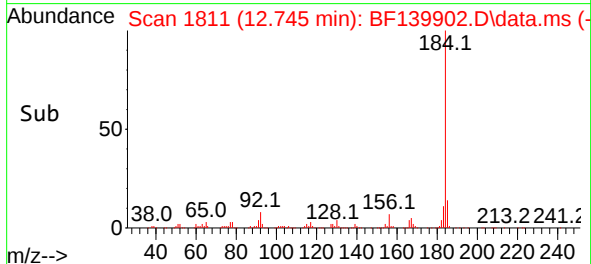
Instrument :
BNA_F
ClientSampleId :
SP-3MS



Tgt Ion:184 Resp: 126669
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 11.6 9.4 14.2

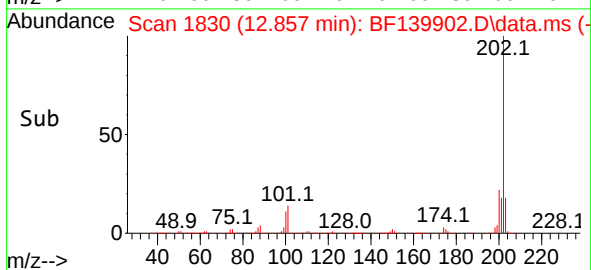
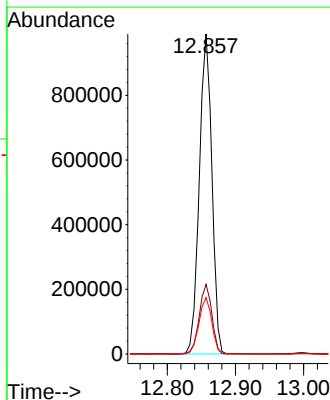
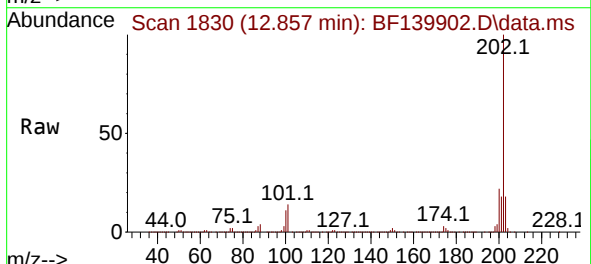
Manual Integrations
APPROVED

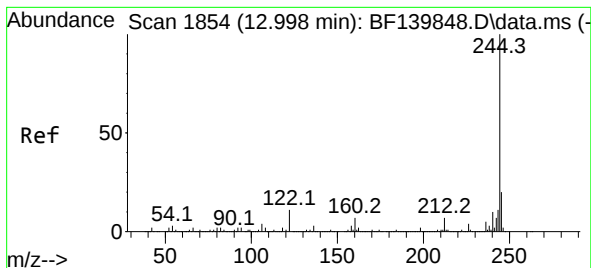
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#78
Pyrene
Concen: 49.134 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Tgt Ion:202 Resp: 1267349
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 84.247 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion:244 Resp: 152349

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

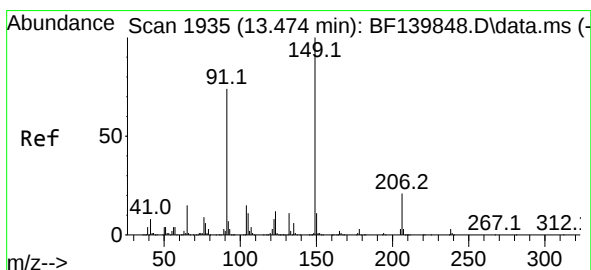
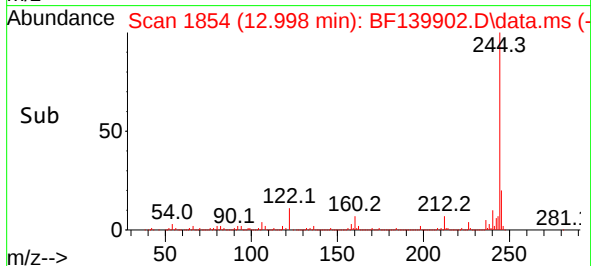
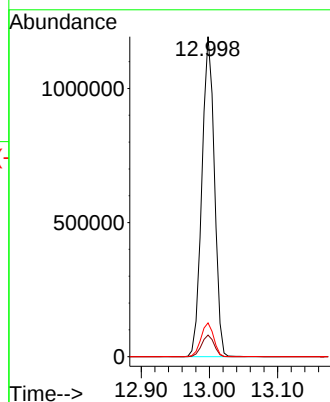
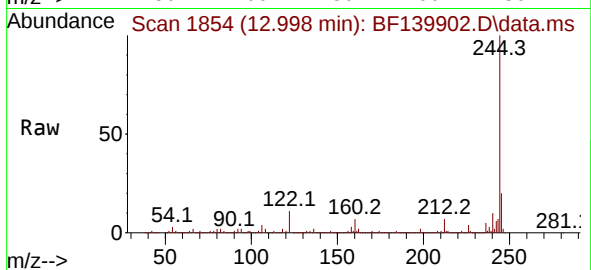
122 10.6 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#80

Butylbenzylphthalate

Concen: 63.225 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

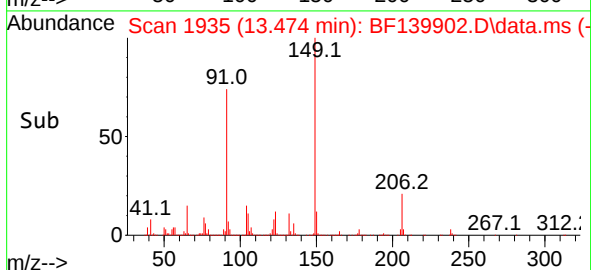
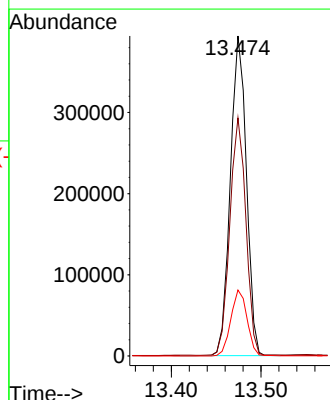
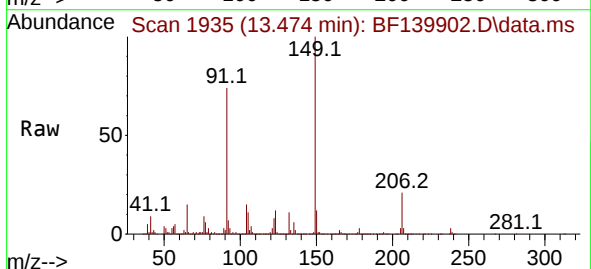
Tgt Ion:149 Resp: 488917

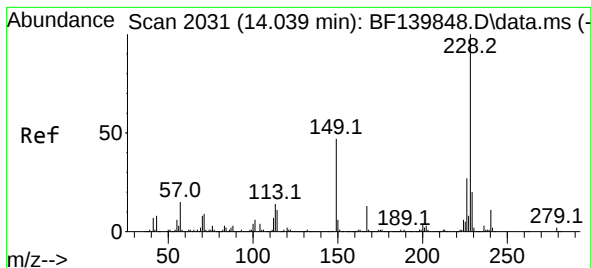
Ion Ratio Lower Upper

149 100

91 74.4 59.4 89.2

206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 53.113 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion:228 Resp: 1018819

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

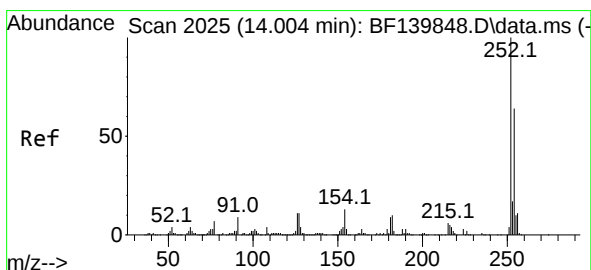
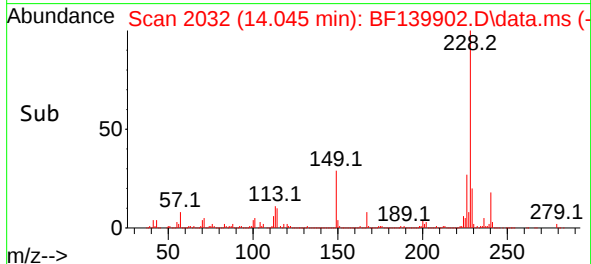
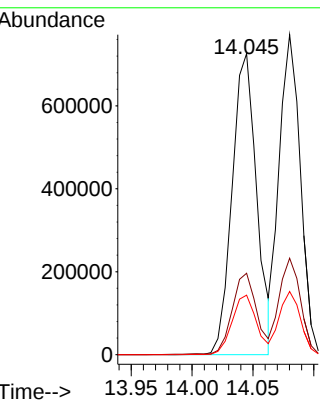
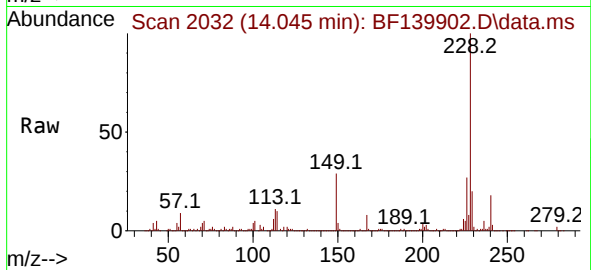
229 19.8 16.1 24.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#82

3,3'-Dichlorobenzidine

Concen: 27.464 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

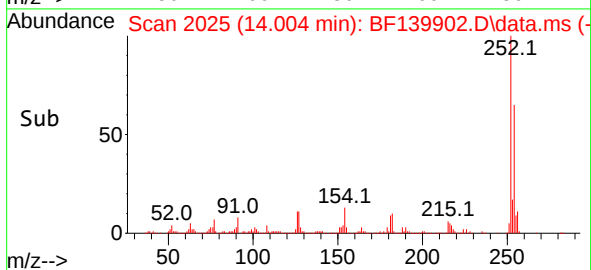
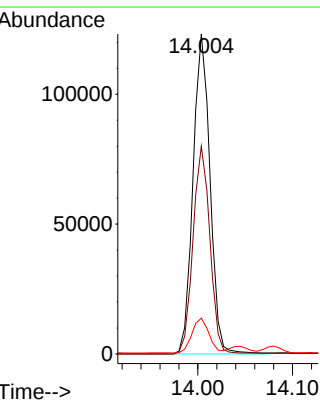
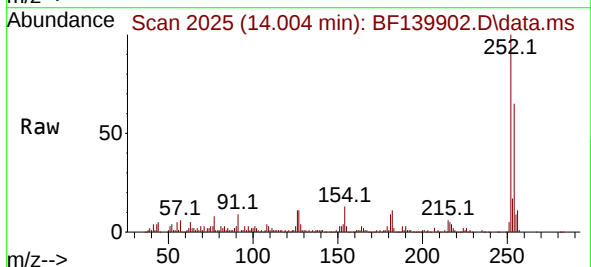
Tgt Ion:252 Resp: 153603

Ion Ratio Lower Upper

252 100

254 65.0 50.8 76.2

126 11.2 8.9 13.3





#83

Chrysene

Concen: 53.330 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139902.D

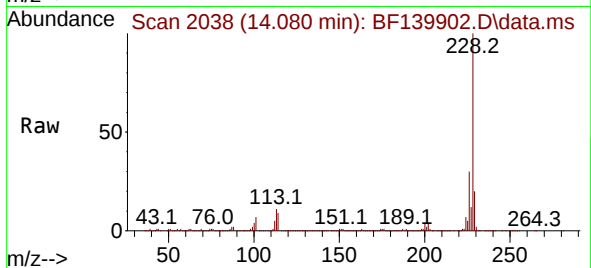
Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS



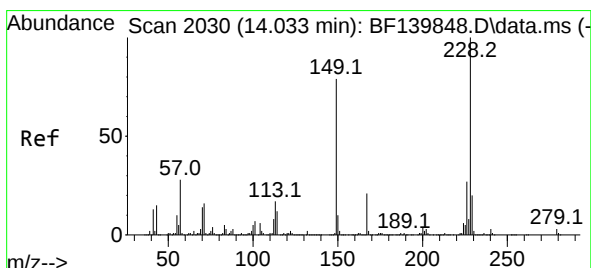
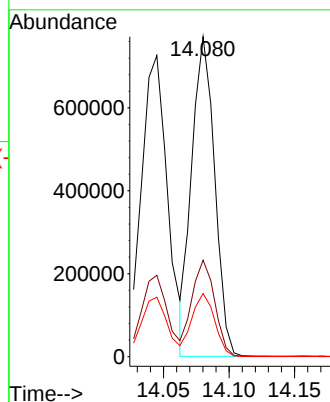
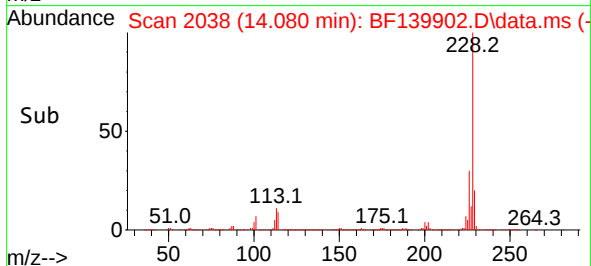
Tgt Ion:	228	Resp:	937944
Ion Ratio	100	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.637 ng

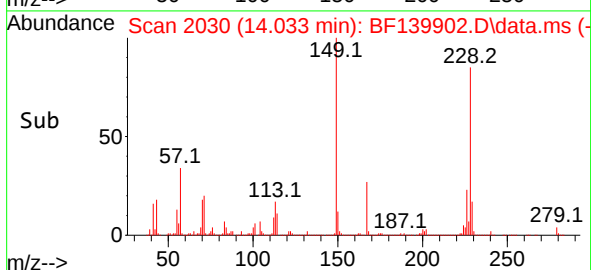
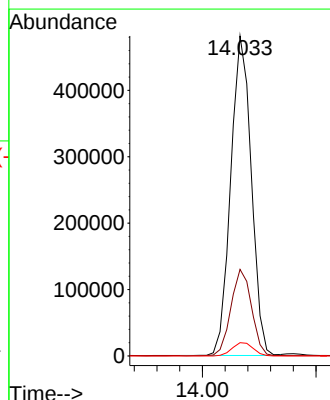
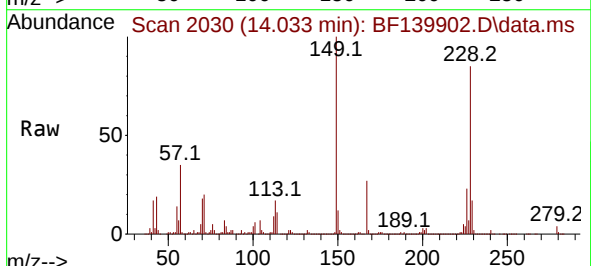
RT: 14.033 min Scan# 2030

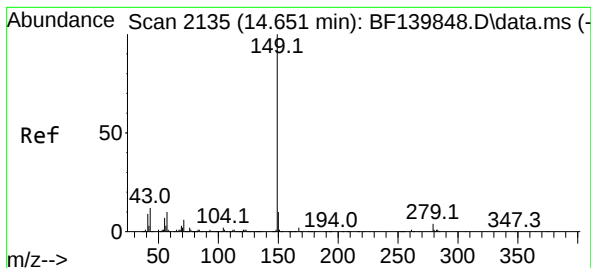
Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Tgt Ion:	149	Resp:	604165
Ion Ratio	100	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	4.1	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 64.672 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion:149 Resp: 102055

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

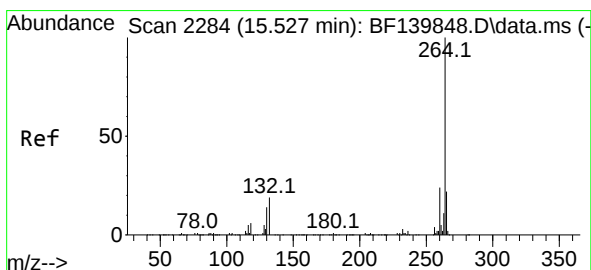
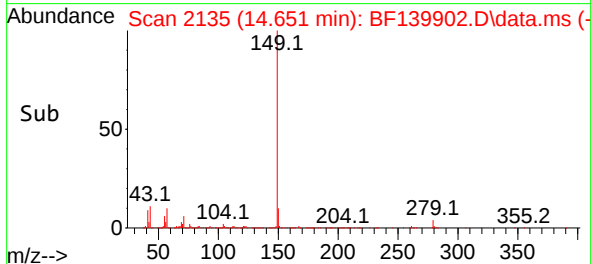
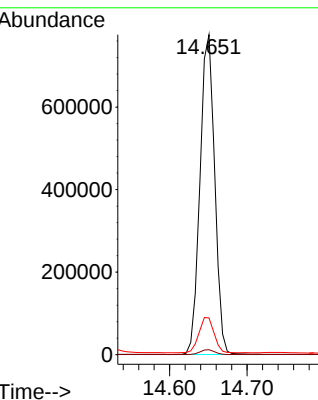
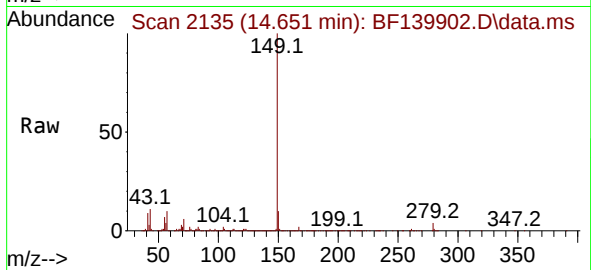
43 11.6 9.8 14.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

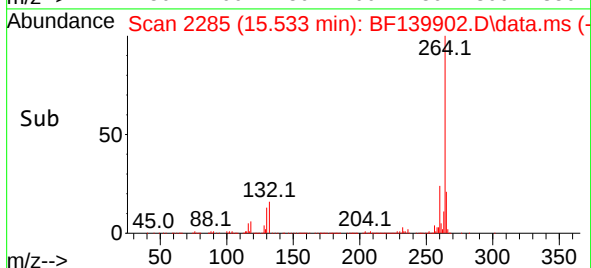
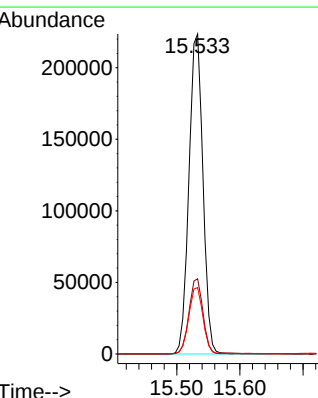
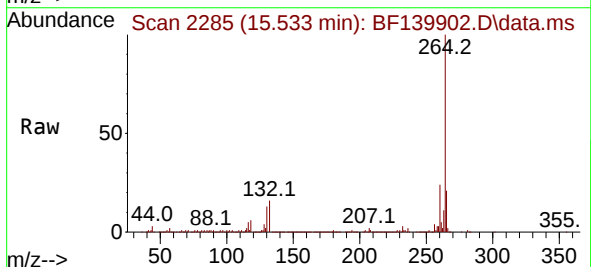
Tgt Ion:264 Resp: 343985

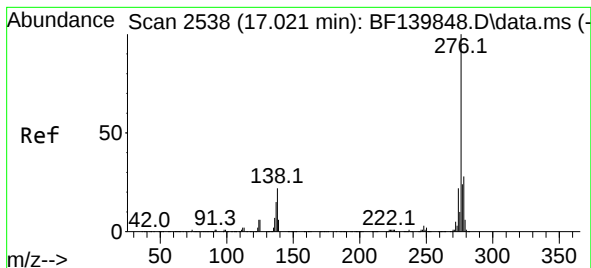
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 20.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.523 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion:276 Resp: 105165

Ion Ratio Lower Upper

276 100

138 24.4 20.4 30.6

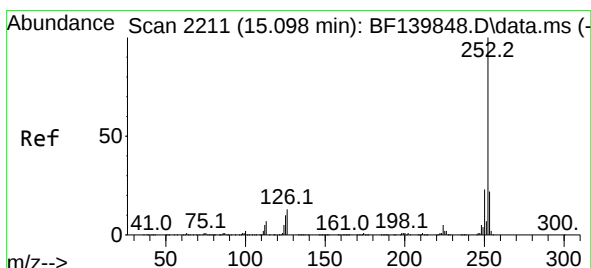
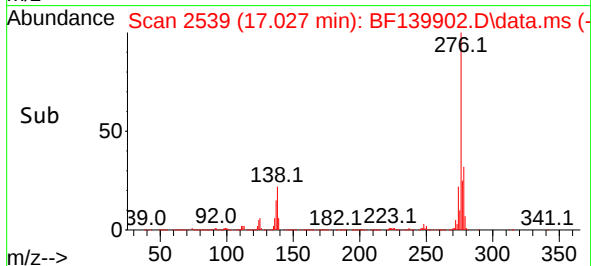
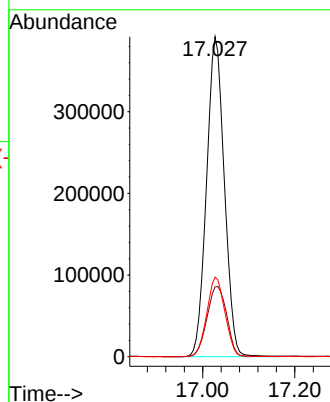
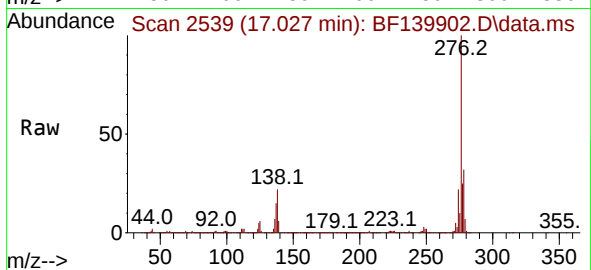
277 25.4 20.2 30.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#88

Benzo(b)fluoranthene

Concen: 53.564 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

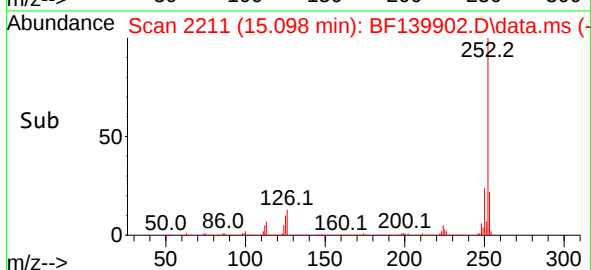
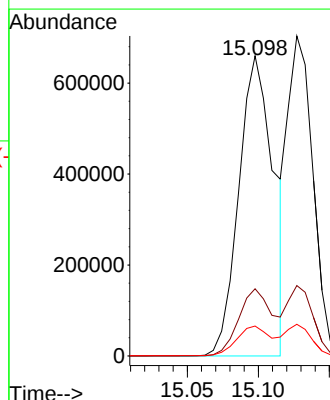
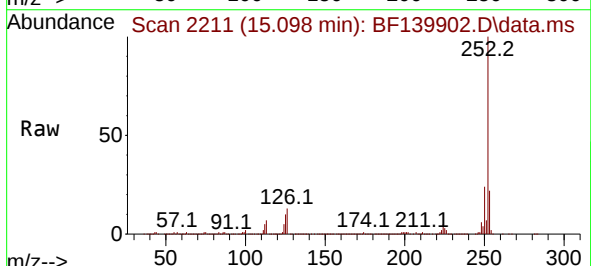
Tgt Ion:252 Resp: 1122393

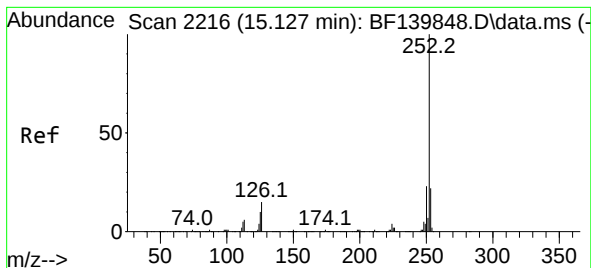
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.0 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 48.038 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tgt Ion:252 Resp: 86810

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

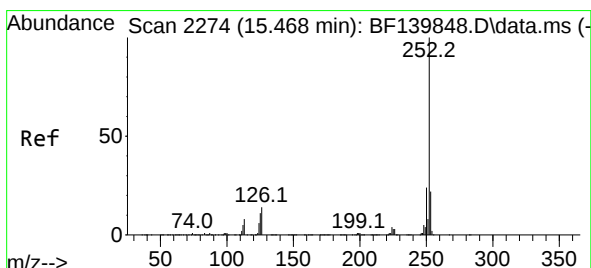
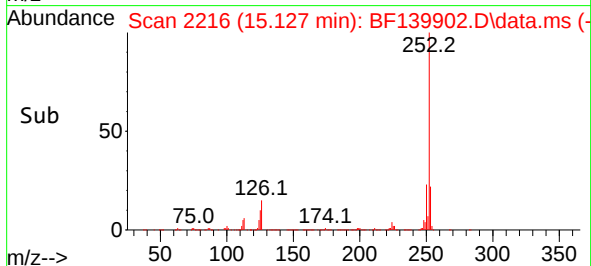
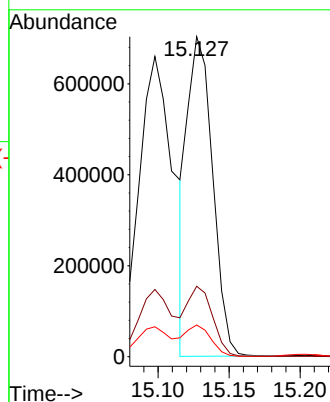
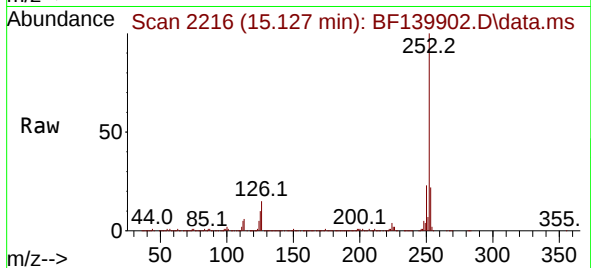
125 9.9 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#90

Benzo(a)pyrene

Concen: 55.816 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139902.D

Acq: 21 Oct 2024 14:47

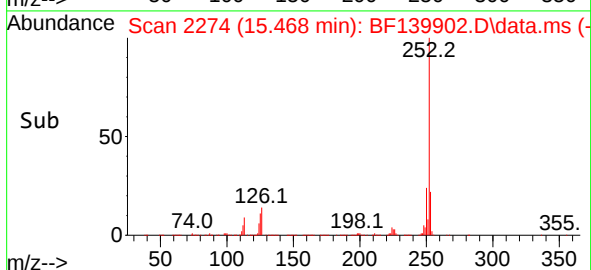
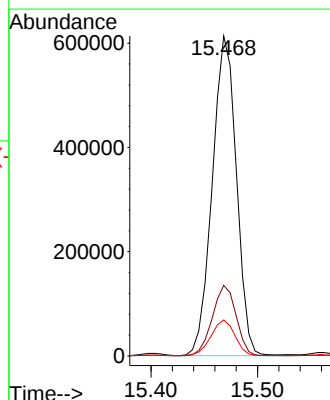
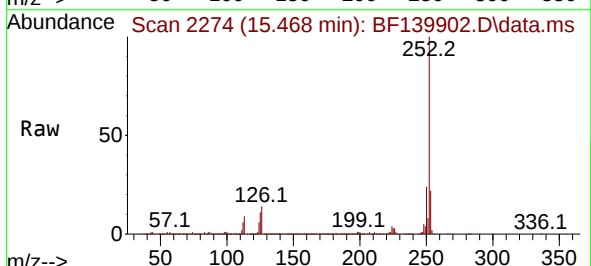
Tgt Ion:252 Resp: 962363

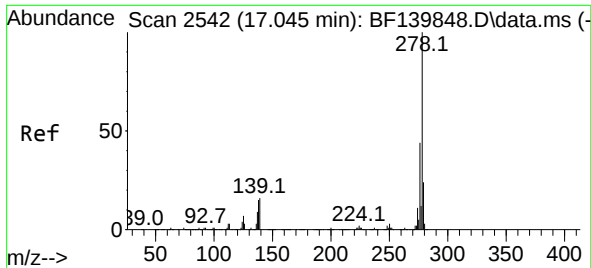
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

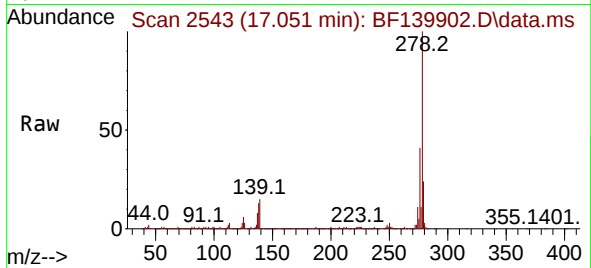
125 11.3 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 46.818 ng
RT: 17.051 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

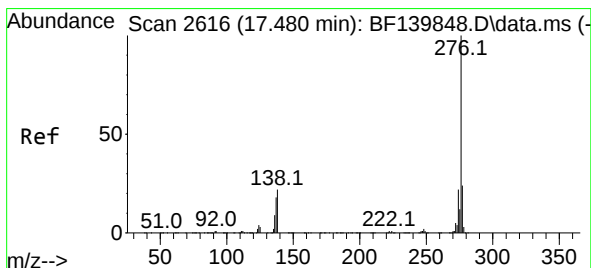
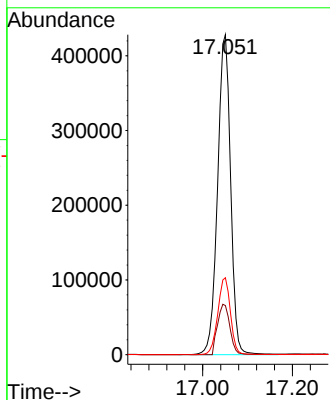
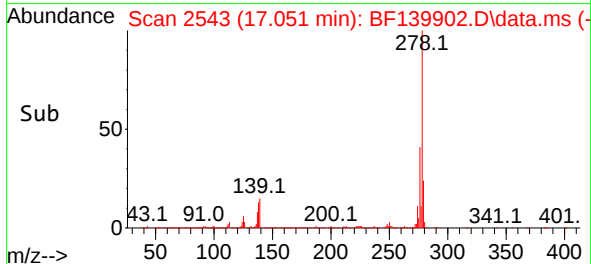
Instrument :
BNA_F
ClientSampleId :
SP-3MS



Tgt Ion:278 Resp: 86431
Ion Ratio Lower Upper
278 100
139 15.4 13.1 19.7
279 24.1 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#92
Benzo(g,h,i)perylene
Concen: 41.548 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF139902.D
Acq: 21 Oct 2024 14:47

Tgt Ion:276 Resp: 766144
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 21.8 17.4 26.0

