

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139550.D
 Acq On : 26 Sep 2024 16:27
 Operator : RC/JU
 Sample : PB163677BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163677BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 16:56:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	76718	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	291390	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	157795	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	273650	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	141027	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	157414	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	455807	96.924	ng	0.01
7) Phenol-d6	6.510	99	589843	95.557	ng	0.00
23) Nitrobenzene-d5	7.445	82	566637	91.418	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145537	86.633	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1003901	89.229	ng	0.00
79) Terphenyl-d14	12.986	244	843977	98.229	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	84024	44.534	ng	96
3) Pyridine	3.481	79	225395	54.183	ng	95
4) n-Nitrosodimethylamine	3.446	42	163224	45.270	ng	# 77
6) Aniline	6.539	93	291527	62.582	ng	# 80
8) 2-Chlorophenol	6.663	128	255737	52.829	ng	99
9) Benzaldehyde	6.428	77	43034	12.067	ng	95
10) Phenol	6.528	94	329398	52.395	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	249616	52.240	ng	100
12) 1,3-Dichlorobenzene	6.822	146	271944	49.396	ng	98
13) 1,4-Dichlorobenzene	6.898	146	278393	50.040	ng	98
14) 1,2-Dichlorobenzene	7.045	146	264761	50.364	ng	98
15) Benzyl Alcohol	7.022	79	245135	49.777	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	459367	62.380	ng	93
17) 2-Methylphenol	7.134	107	203264	52.849	ng	97
18) Hexachloroethane	7.392	117	106124	50.081	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	194408	53.148	ng	97
20) 3+4-Methylphenols	7.287	107	256021	48.791	ng	# 87
22) Acetophenone	7.287	105	355698	46.693	ng	98
24) Nitrobenzene	7.463	77	298523	46.795	ng	98
25) Isophorone	7.698	82	512932	52.326	ng	99
26) 2-Nitrophenol	7.775	139	134893	54.275	ng	91
27) 2,4-Dimethylphenol	7.816	122	203443	62.055	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	294380	52.692	ng	99
29) 2,4-Dichlorophenol	8.022	162	212173	50.944	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	228312	47.048	ng	99
31) Naphthalene	8.181	128	756138	49.706	ng	99
32) Benzoic acid	7.939	122	143548	46.788	ng	92
33) 4-Chloroaniline	8.233	127	112704	24.218	ng	95
34) Hexachlorobutadiene	8.298	225	150506	45.651	ng	99
35) Caprolactam	8.604	113	67316m	52.543	ng	
36) 4-Chloro-3-methylphenol	8.722	107	231096	48.551	ng	95
37) 2-Methylnaphthalene	8.875	142	486413	50.376	ng	97
38) 1-Methylnaphthalene	8.975	142	448706	47.334	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	229499	49.074	ng	98
41) Hexachlorocyclopentadiene	9.028	237	281551	172.429	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	152987	50.283	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	160556	50.027	ng	97
46) 1,1'-Biphenyl	9.339	154	593968	48.928	ng	99
47) 2-Chloronaphthalene	9.363	162	449119	49.480	ng	100
48) 2-Nitroaniline	9.463	65	164340	48.678	ng	95
49) Acenaphthylene	9.780	152	732546	53.614	ng	100
50) Dimethylphthalate	9.639	163	527386	50.922	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116202	50.647	ng	89
52) Acenaphthene	9.951	154	526813m	55.245	ng	
53) 3-Nitroaniline	9.869	138	79577	34.705	ng	89
54) 2,4-Dinitrophenol	9.980	184	133467	104.397	ng	# 86
55) Dibenzofuran	10.122	168	657178	49.444	ng	96
56) 4-Nitrophenol	10.039	139	166202	87.600	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	155138	50.084	ng	98
58) Fluorene	10.463	166	521627	48.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	132495	49.906	ng	96
60) Diethylphthalate	10.339	149	521356	48.781	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	249104	47.265	ng	95
62) 4-Nitroaniline	10.486	138	115850	46.294	ng	# 85
63) Azobenzene	10.616	77	533082	50.712	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	83643	57.913	ng	90
66) n-Nitrosodiphenylamine	10.575	169	444458	55.553	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	147425	54.364	ng	98
68) Hexachlorobenzene	11.010	284	164386	51.651	ng	99
69) Atrazine	11.104	200	138347	72.635	ng	99
70) Pentachlorophenol	11.210	266	179434	93.958	ng	99
71) Phenanthrene	11.427	178	703100	53.255	ng	99
72) Anthracene	11.480	178	712603	55.205	ng	99
73) Carbazole	11.633	167	608538	49.256	ng	99
74) Di-n-butylphthalate	11.957	149	710117	51.598	ng	99
75) Fluoranthene	12.616	202	647259	45.908	ng	98
77) Benzidine	12.739	184	219934	108.851	ng	99
78) Pyrene	12.845	202	657905	54.332	ng	100
80) Butylbenzylphthalate	13.457	149	226361	54.920	ng	97
81) Benzo(a)anthracene	14.027	228	493342	52.811	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	121888	44.555	ng	98
83) Chrysene	14.068	228	473184	55.058	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	276633	52.759	ng	100
85) Di-n-octyl phthalate	14.627	149	463322	60.001	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	533603	57.007	ng	96
88) Benzo(b)fluoranthene	15.080	252	506753	52.198	ng	# 99
89) Benzo(k)fluoranthene	15.110	252	426384	47.634	ng	# 98
90) Benzo(a)pyrene	15.451	252	459262	57.040	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	433005	55.983	ng	98
92) Benzo(g,h,i)perylene	17.445	276	397246	51.871	ng	# 96

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



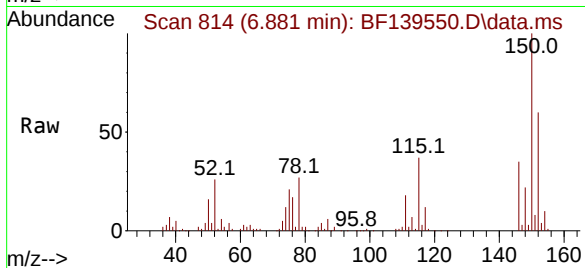
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139550.D
 Acq: 26 Sep 2024 16:27

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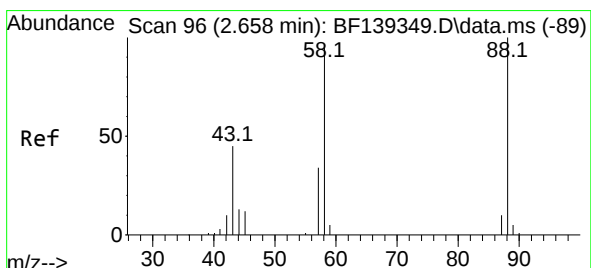
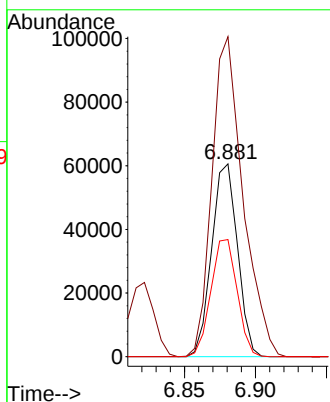
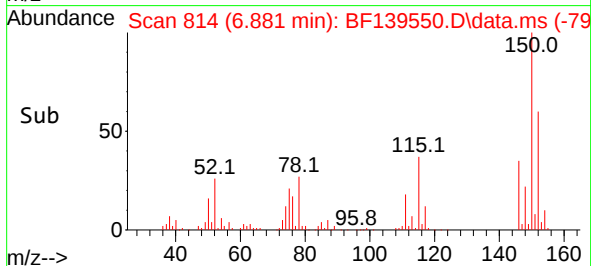


Tgt Ion:152 Resp: 76718
 Ion Ratio Lower Upper
 152 100
 150 166.0 124.1 186.1
 115 60.7 48.1 72.1

Manual Integrations

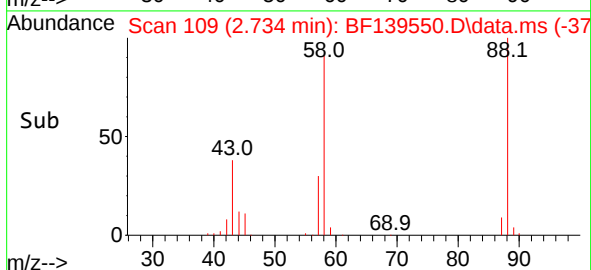
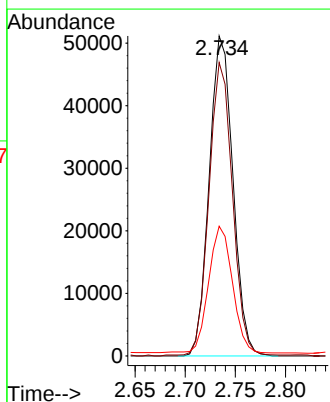
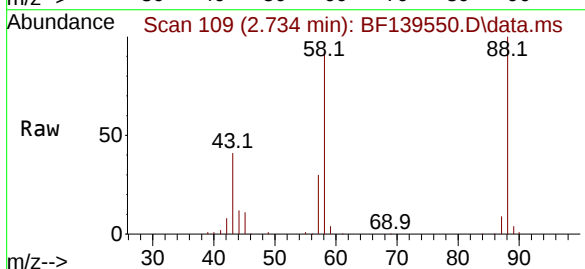
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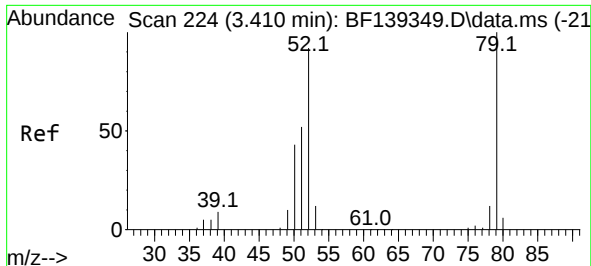
Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024



#2
 1,4-Dioxane
 Concen: 44.534 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.076 min
 Lab File: BF139550.D
 Acq: 26 Sep 2024 16:27

Tgt Ion: 88 Resp: 84024
 Ion Ratio Lower Upper
 88 100
 58 91.4 74.8 112.2
 43 39.9 36.4 54.6





#3

Pyridine

Concen: 54.183 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF139550.D

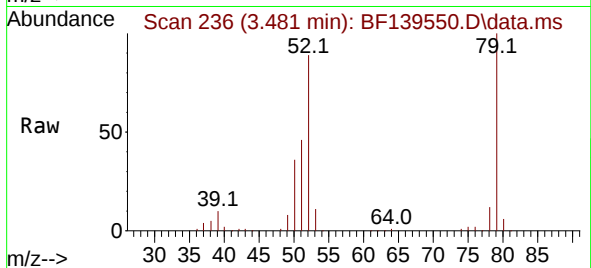
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS



Tgt Ion: 79 Resp: 22539

Ion Ratio Lower Upper

79 100

52 89.2 73.8 110.8

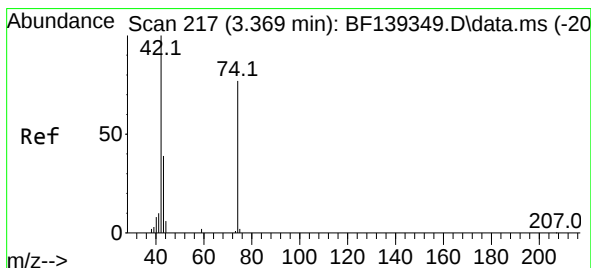
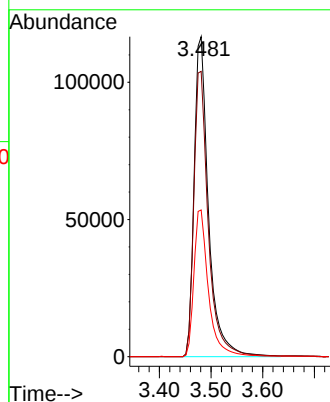
51 45.9 41.8 62.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 45.270 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.076 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

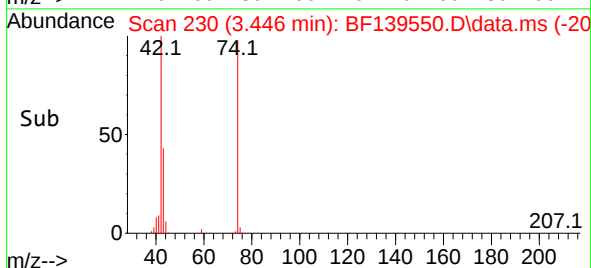
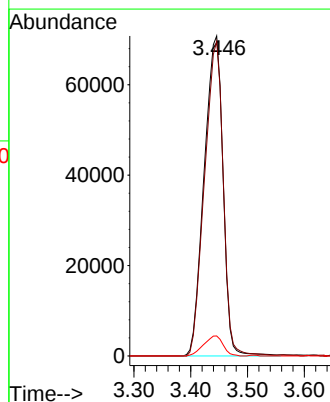
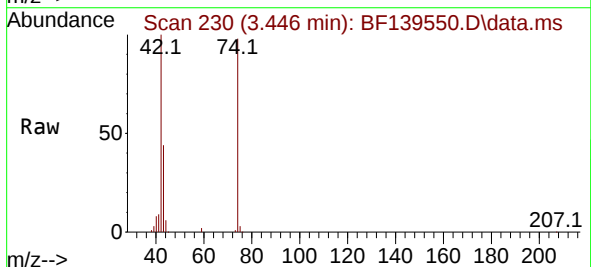
Tgt Ion: 42 Resp: 163224

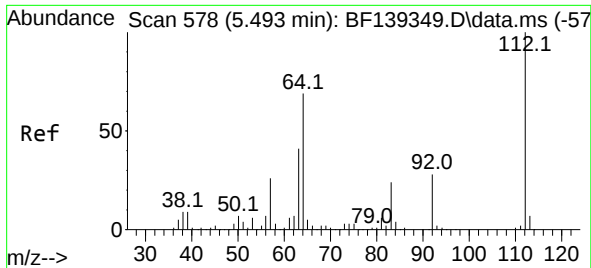
Ion Ratio Lower Upper

42 100

74 98.3 61.8 92.8

44 6.3 4.8 7.2





#5
2-Fluorophenol
Concen: 96.924 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

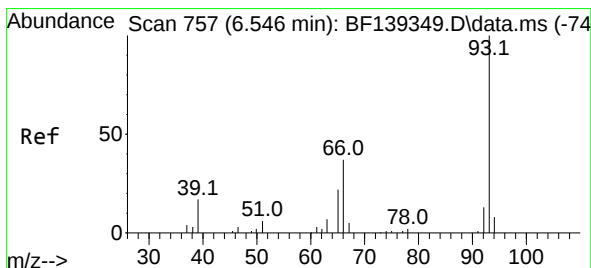
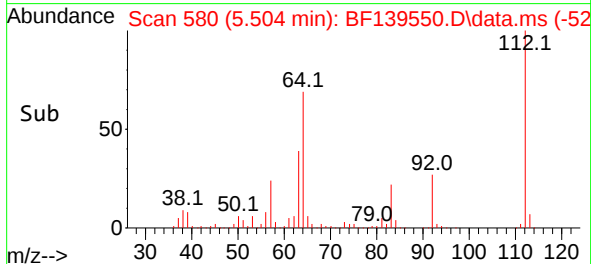
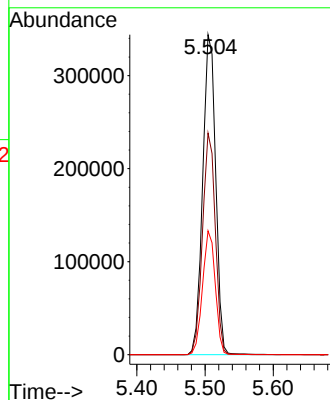
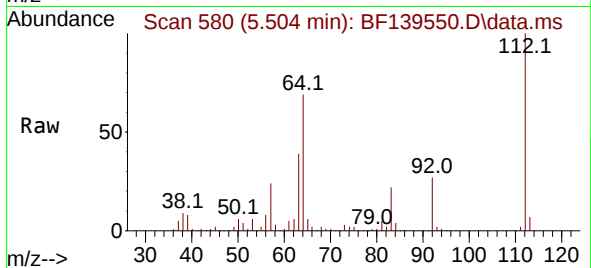
PB163677BS

Tgt Ion:112 Resp: 45580
Ion Ratio Lower Upper
112 100
64 69.2 54.8 82.2
63 38.7 33.0 49.4

Manual Integrations

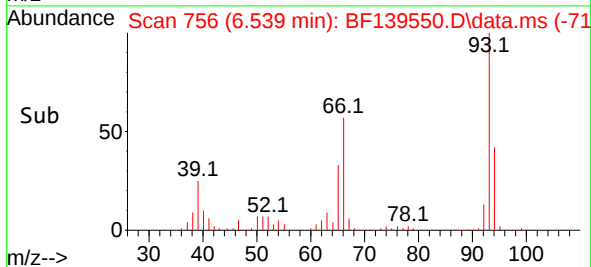
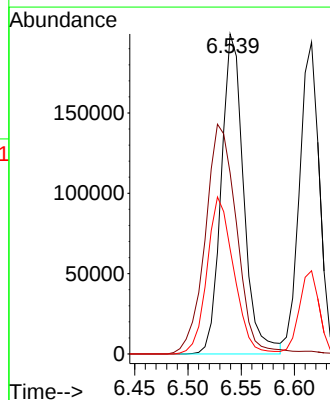
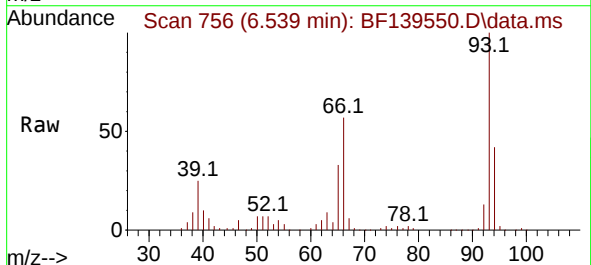
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#6
Aniline
Concen: 62.582 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

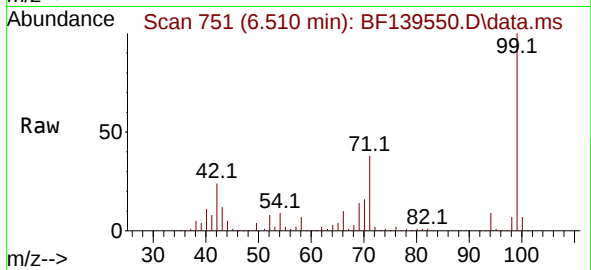
Tgt Ion: 93 Resp: 291527
Ion Ratio Lower Upper
93 100
66 56.6 35.4 53.0#
65 32.8 18.2 27.4#





#7
Phenol-d6
Concen: 95.557 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

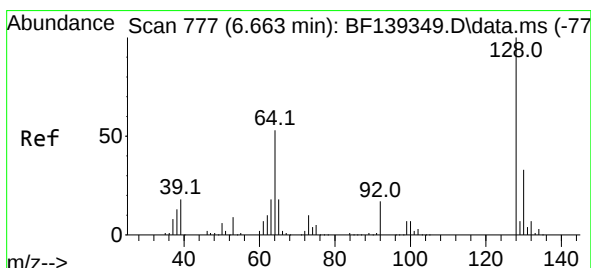
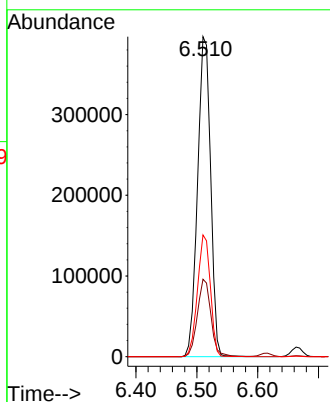
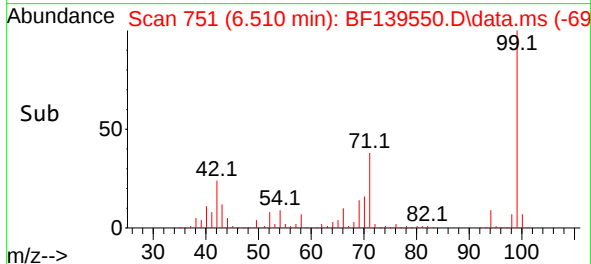
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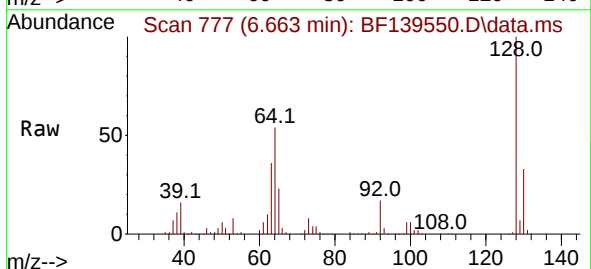
Tgt Ion: 99 Resp: 58984
Ion Ratio Lower Upper
99 100
42 24.2 21.9 32.9
71 38.0 34.6 52.0

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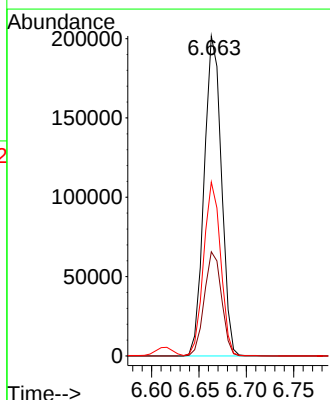
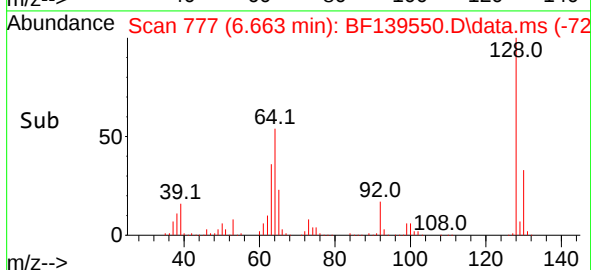
Reviewed By :Yogesh Patel 09/28/2024
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#8
2-Chlorophenol
Concen: 52.829 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139550.D
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Tgt Ion:128 Resp: 255737
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 54.4 35.1 75.1





#9
Benzaldehyde
Concen: 12.067 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

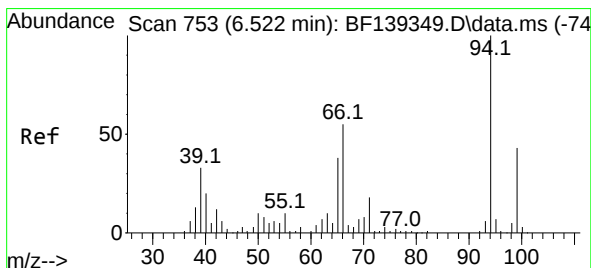
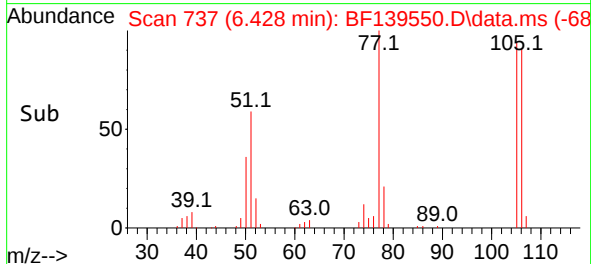
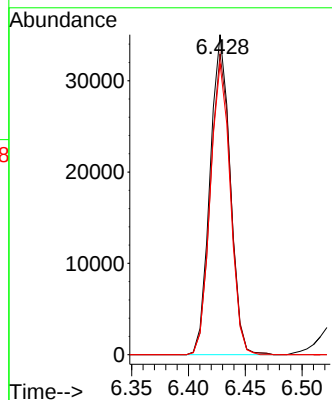
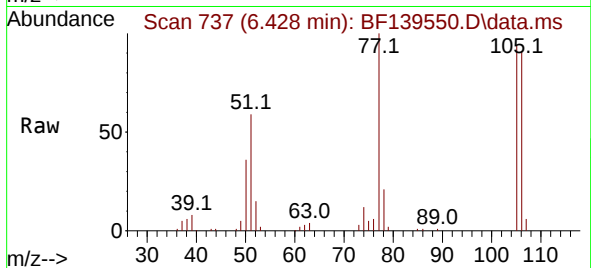
ClientSampleId :

PB163677BS

Tgt Ion: 77 Resp: 43034
Ion Ratio Lower Upper
77 100
105 93.9 71.0 111.0
106 91.0 64.9 104.9

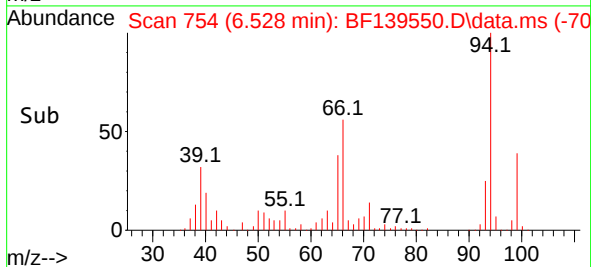
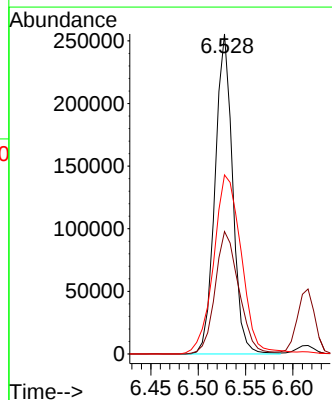
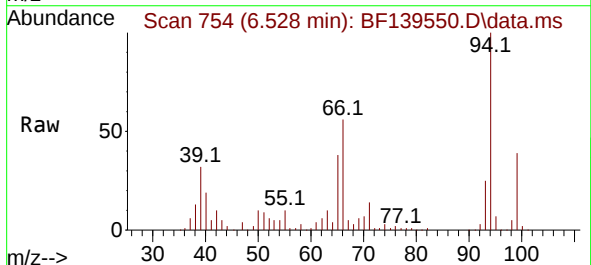
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#10
Phenol
Concen: 52.395 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion: 94 Resp: 329398
Ion Ratio Lower Upper
94 100
65 38.2 17.6 57.6
66 55.9 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 52.240 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

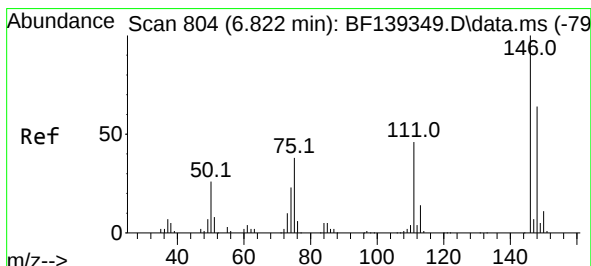
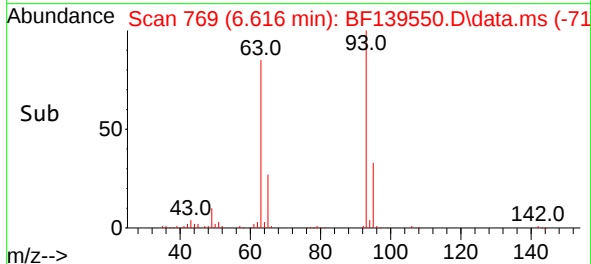
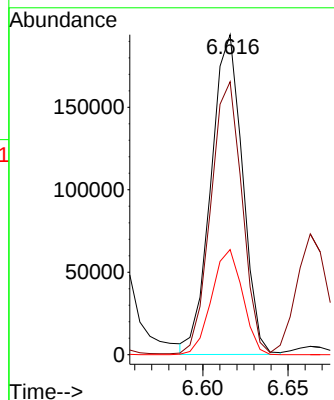
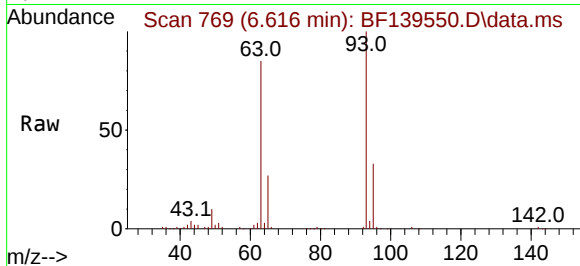
ClientSampleId :

PB163677BS

Tgt Ion: 93 Resp: 249610
Ion Ratio Lower Upper
93 100
63 85.3 65.3 105.3
95 32.9 12.4 52.4

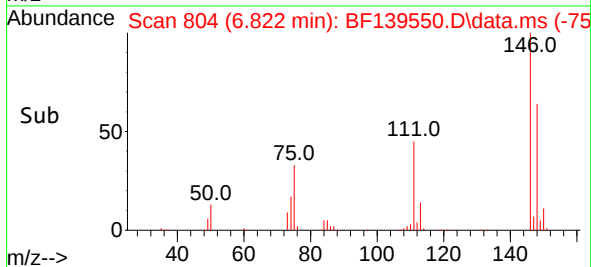
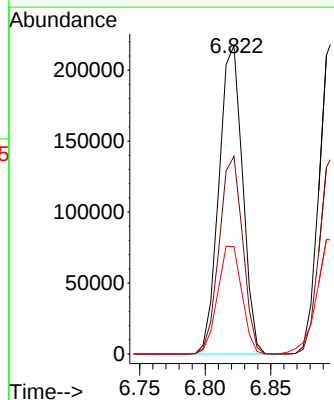
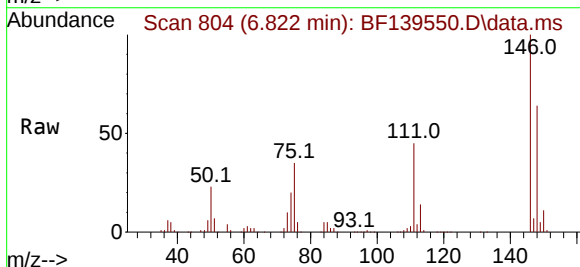
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#12
1,3-Dichlorobenzene
Concen: 49.396 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:146 Resp: 271944
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 34.8 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 50.040 ng

RT: 6.898 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

Tgt Ion:146 Resp: 27839

Ion Ratio Lower Upper

146 100

148 63.0 50.9 76.3

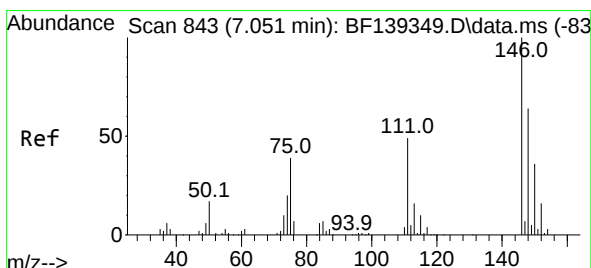
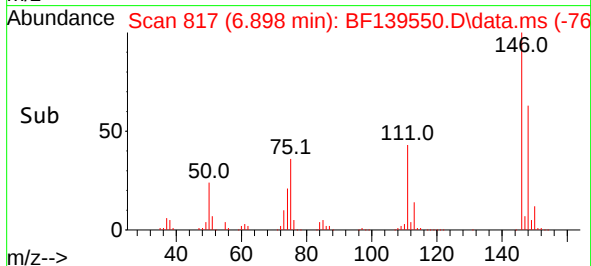
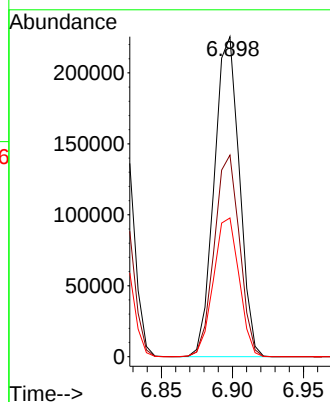
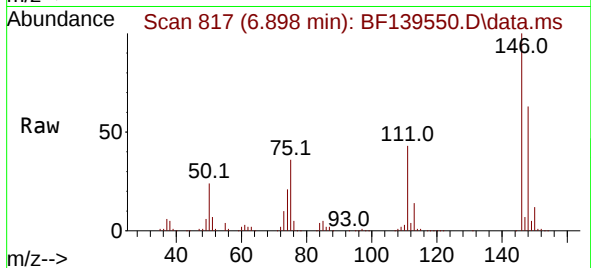
111 43.4 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#14

1,2-Dichlorobenzene

Concen: 50.364 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

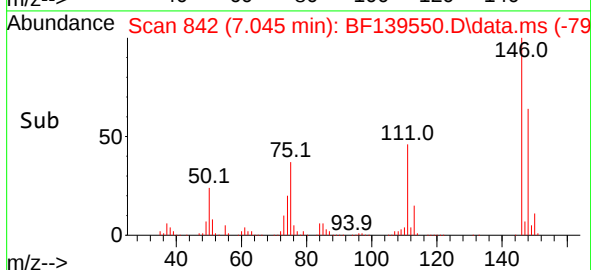
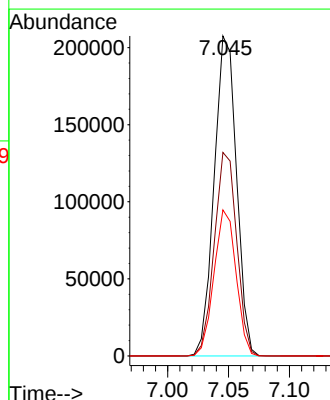
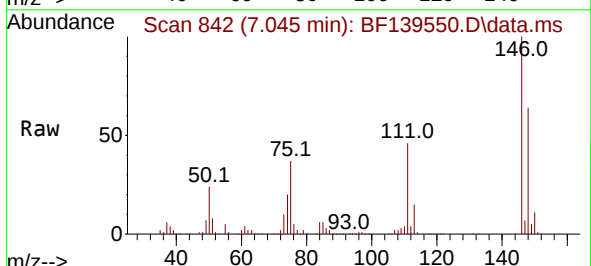
Tgt Ion:146 Resp: 264761

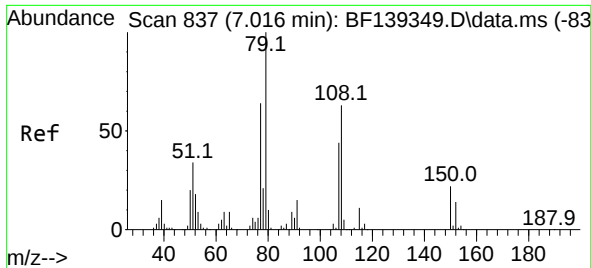
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

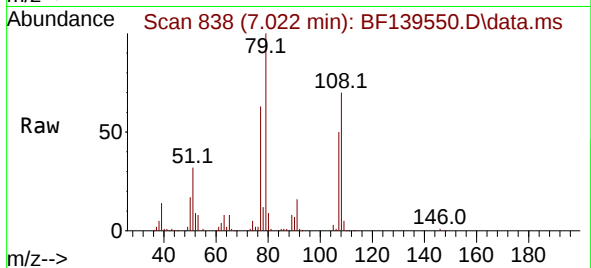
111 45.7 38.9 58.3





#15
Benzyl Alcohol
Concen: 49.777 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

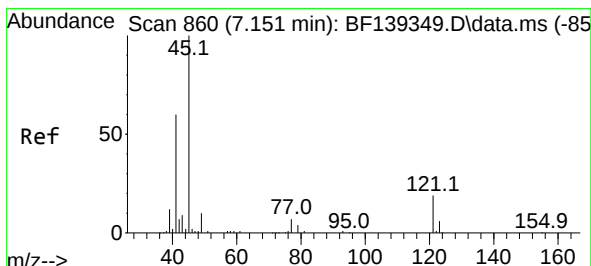
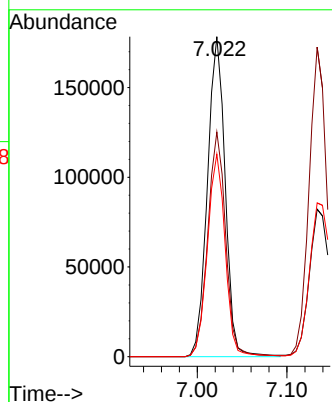
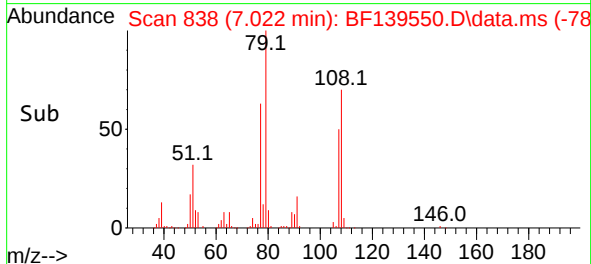
Instrument :
BNA_F
ClientSampleId :
PB163677BS



Tgt Ion: 79 Resp: 24513
Ion Ratio Lower Upper
79 100
108 70.2 50.4 75.6
77 63.3 51.4 77.2

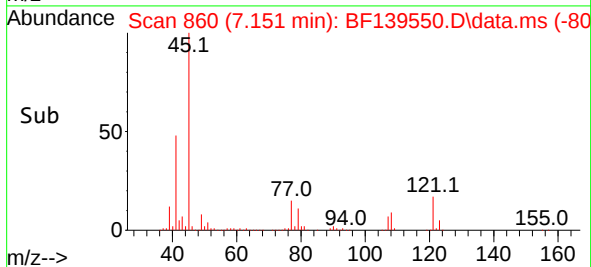
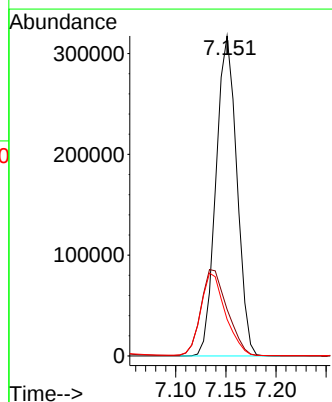
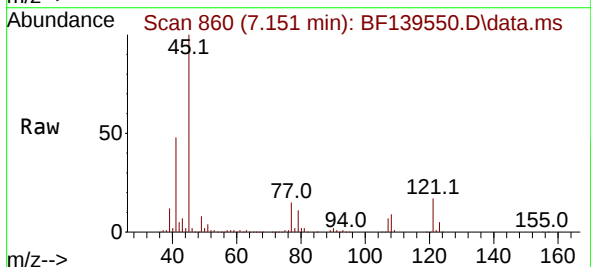
Manual Integrations
APPROVED

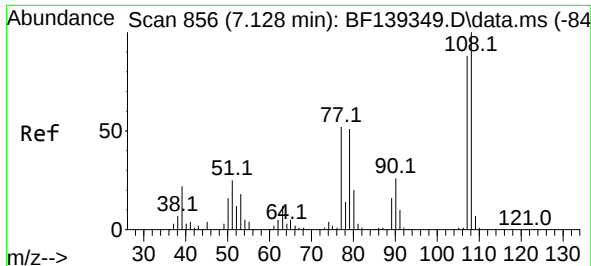
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 62.380 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion: 45 Resp: 459367
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.0
79 11.5 0.0 29.1





#17
2-Methylphenol
Concen: 52.849 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

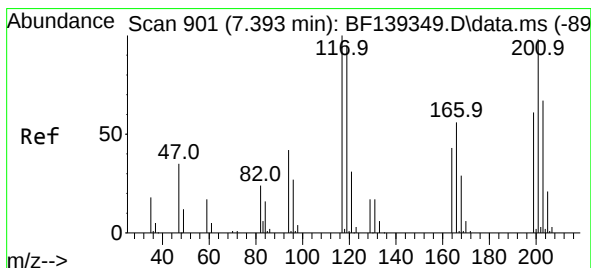
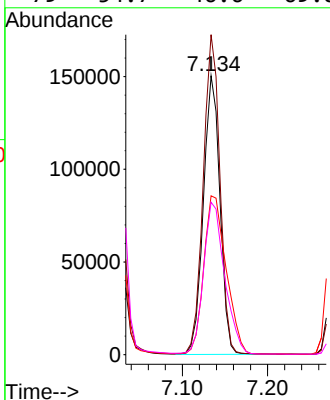
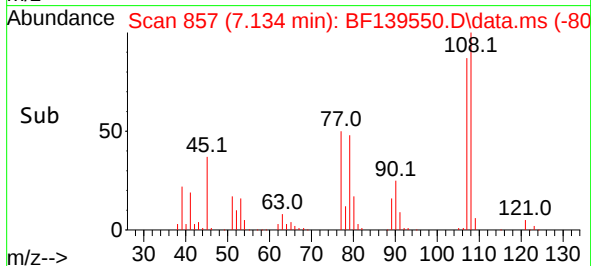
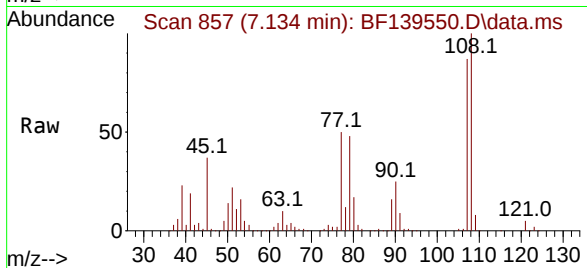
PB163677BS

Tgt Ion:107 Resp: 203264
Ion Ratio Lower Upper
107 100
108 114.7 90.5 135.7
77 57.0 47.1 70.7
79 54.7 46.6 69.8

Manual Integrations

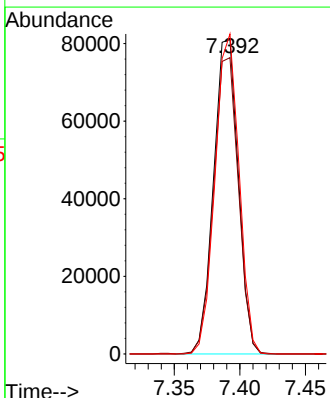
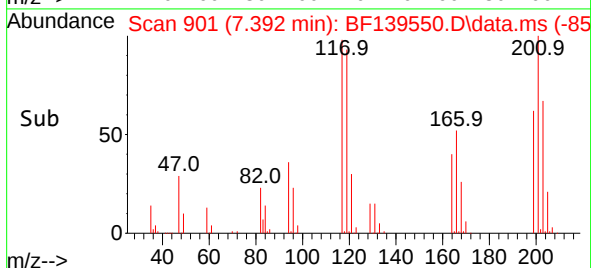
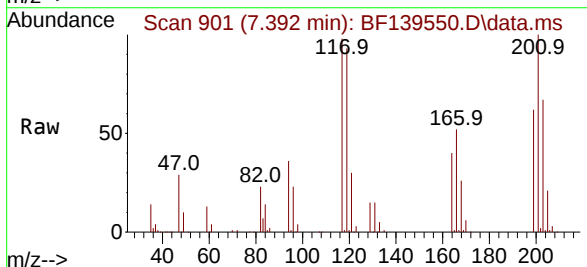
APPROVED

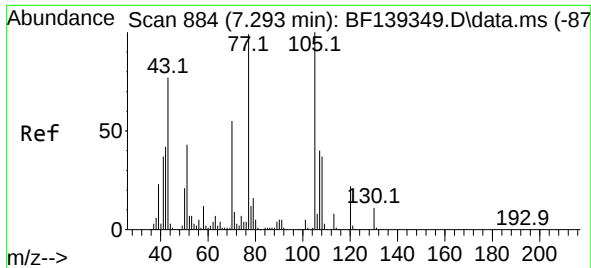
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#18
Hexachloroethane
Concen: 50.081 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:117 Resp: 106124
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 101.8 78.6 118.0





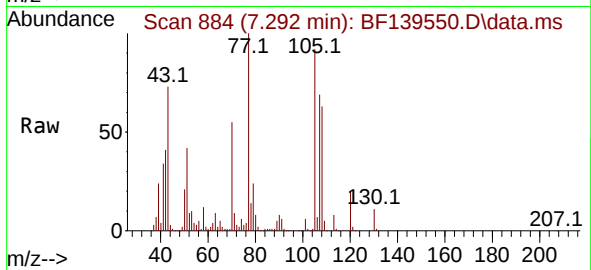
#19
n-Nitroso-di-n-propylamine
Concen: 53.148 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS



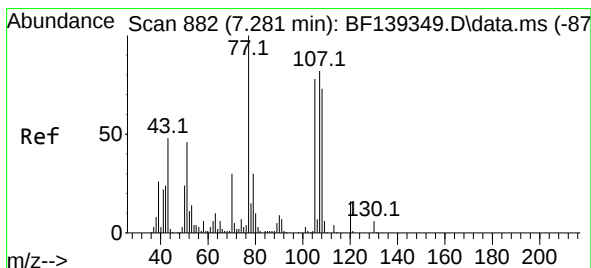
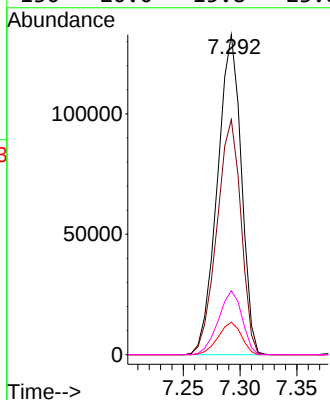
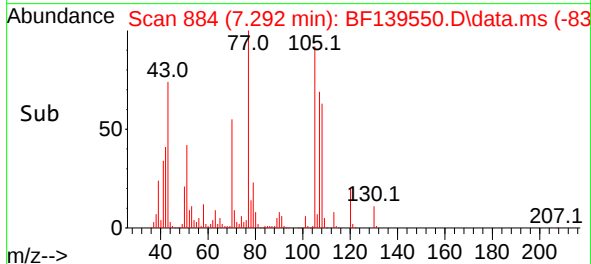
Tgt Ion: 70 Resp: 194408
Ion Ratio Lower Upper
70 100
42 73.5 61.2 91.8
101 10.1 7.5 11.3
130 20.0 15.8 23.8

Manual Integrations

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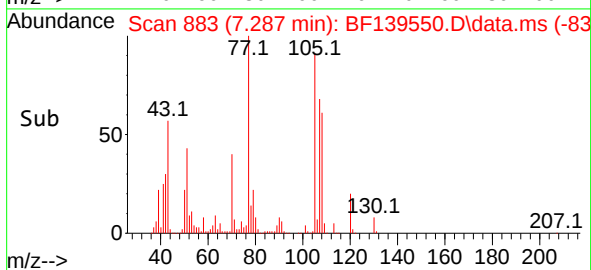
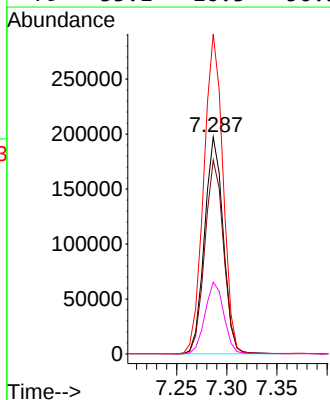
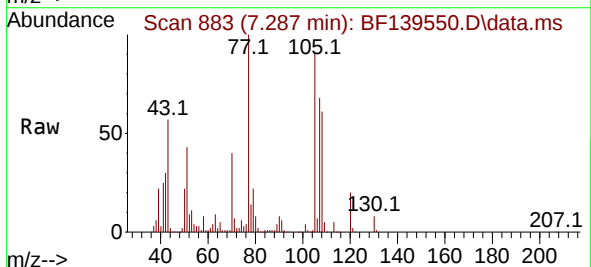
Reviewed By :Yogesh Patel 09/28/2024

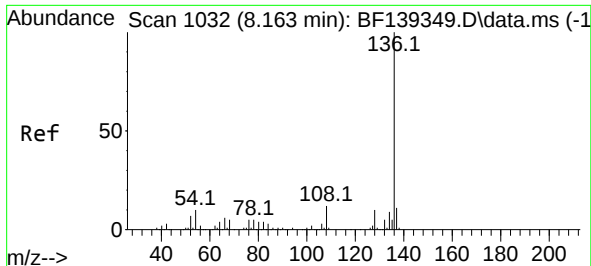
Supervised By :mohammad ahmed 09/28/2024



#20
3+4-Methylphenols
Concen: 48.791 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:107 Resp: 256021
Ion Ratio Lower Upper
107 100
108 89.4 68.6 108.6
77 147.5 101.6 141.6#
79 33.1 16.3 56.3





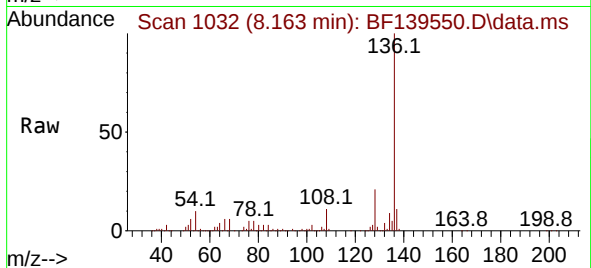
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

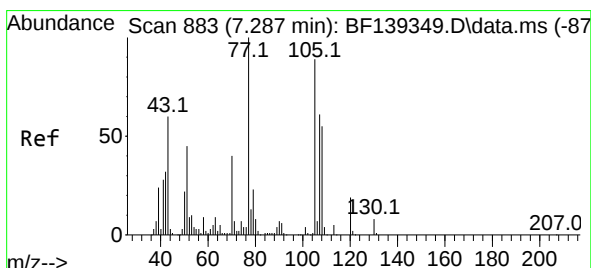
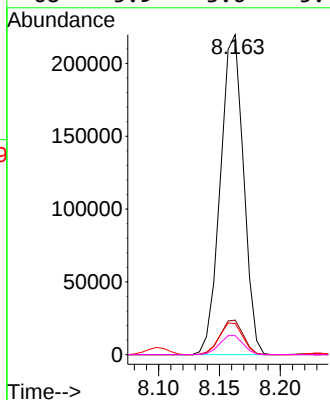
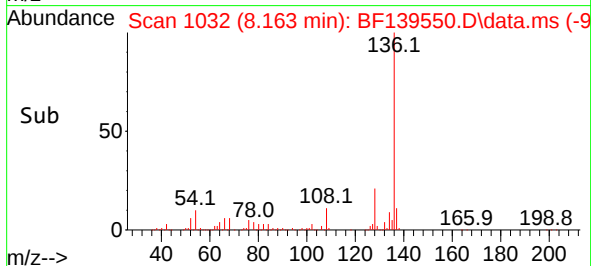


Tgt Ion:136 Resp: 291390
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.8 7.8 11.8
68 5.9 3.6 5.4#

Manual Integrations

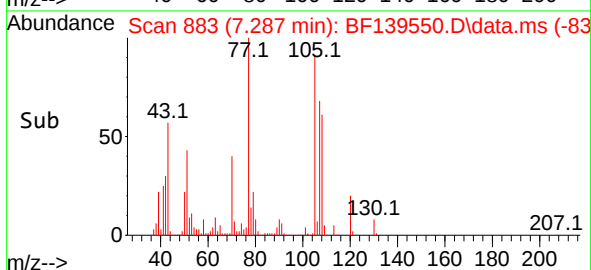
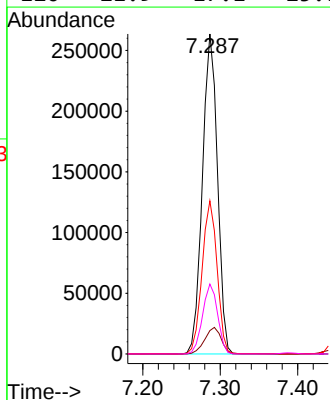
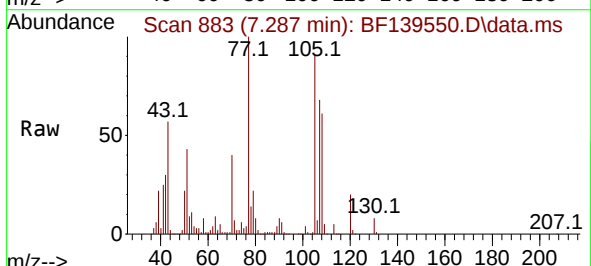
APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#22
Acetophenone
Concen: 46.693 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:105 Resp: 355698
Ion Ratio Lower Upper
105 100
71 7.3 5.9 8.9
51 47.9 40.0 60.0
120 21.9 17.1 25.7





#23

Nitrobenzene-d5

Concen: 91.418 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

Tgt Ion: 82 Resp: 56663

Ion Ratio Lower Upper

82 100

128 41.4 31.8 47.6

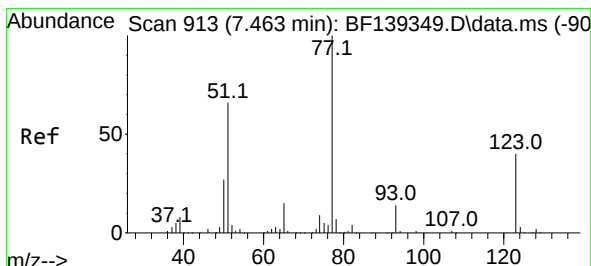
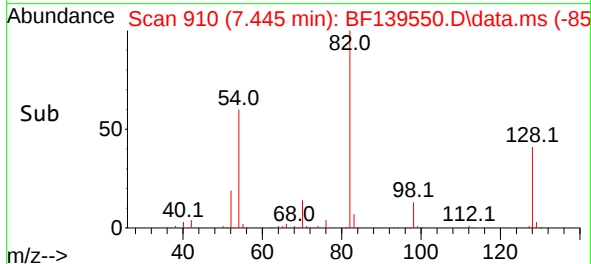
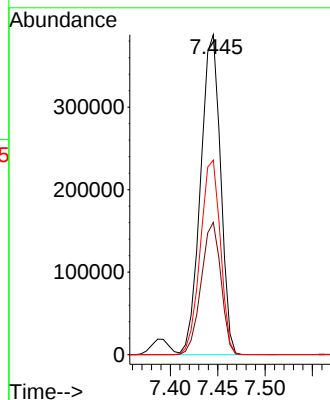
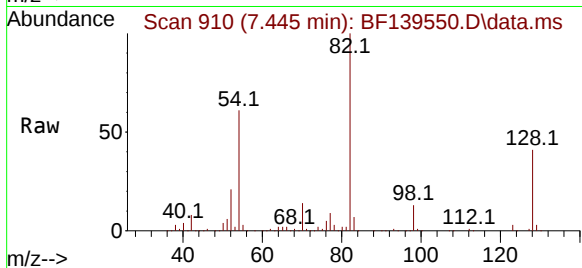
54 60.8 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#24

Nitrobenzene

Concen: 46.795 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

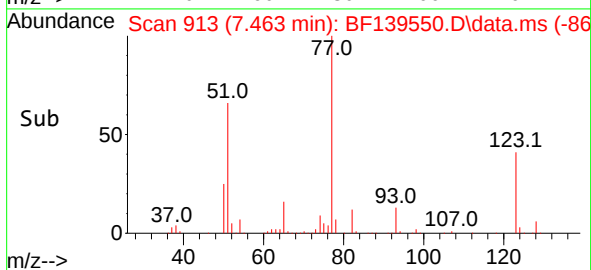
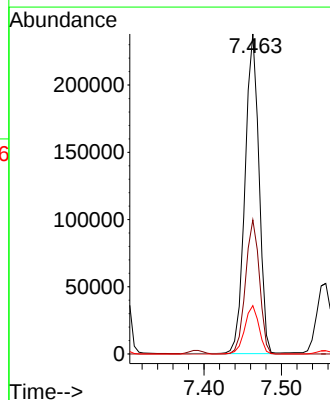
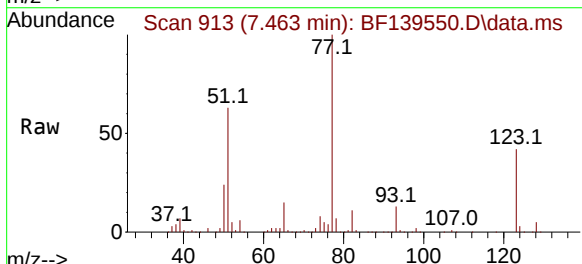
Tgt Ion: 77 Resp: 298523

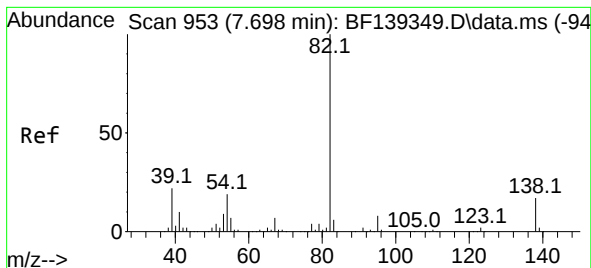
Ion Ratio Lower Upper

77 100

123 41.9 32.2 48.4

65 15.1 12.2 18.4





#25

Isophorone

Concen: 52.326 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

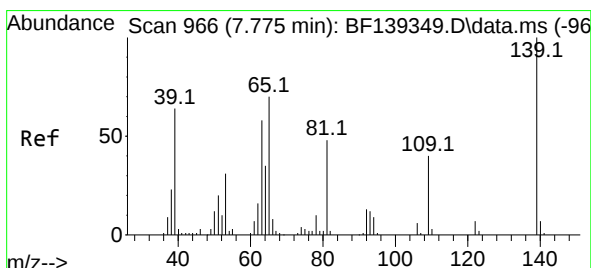
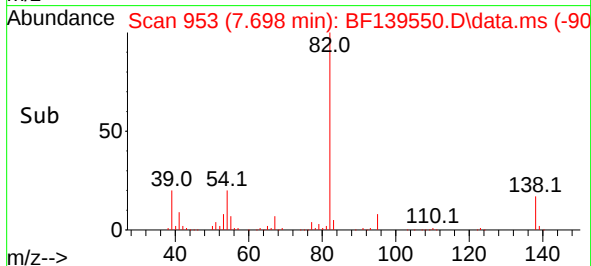
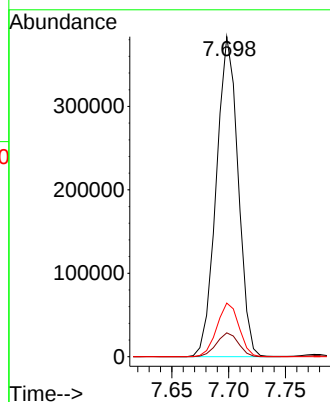
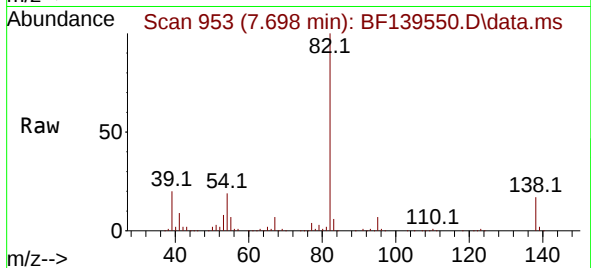
ClientSampleId :

PB163677BS

Tgt Ion: 82 Resp: 51293
 Ion Ratio Lower Upper
 82 100
 95 7.4 6.7 10.1
 138 16.8 13.3 19.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024



#26

2-Nitrophenol

Concen: 54.275 ng

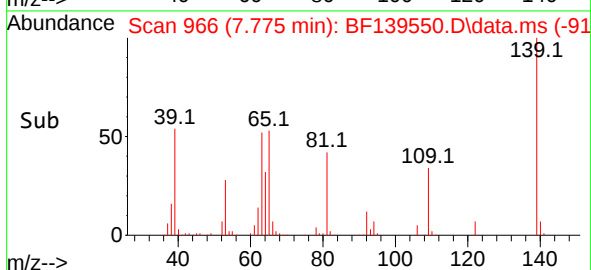
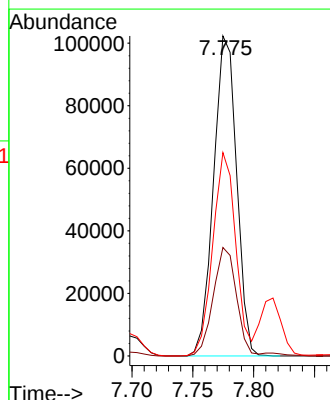
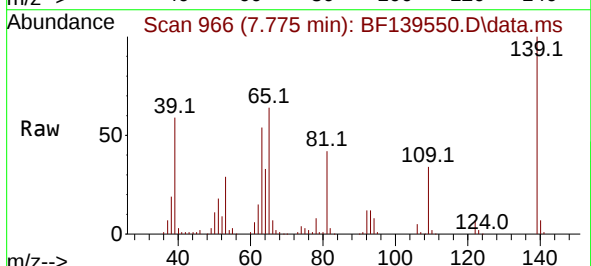
RT: 7.775 min Scan# 966

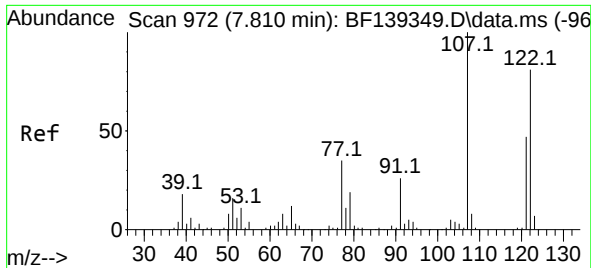
Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Tgt Ion:139 Resp: 134893
 Ion Ratio Lower Upper
 139 100
 109 33.9 32.2 48.2
 65 63.6 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 62.055 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

Tgt Ion:122 Resp: 20344

Ion Ratio Lower Upper

122 100

107 119.1 99.1 148.7

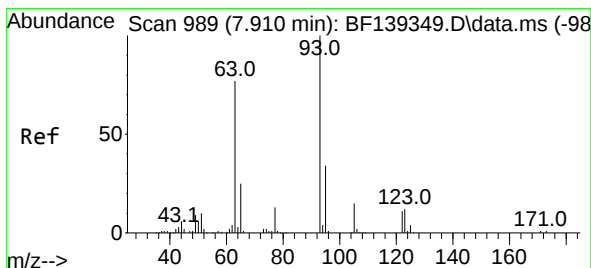
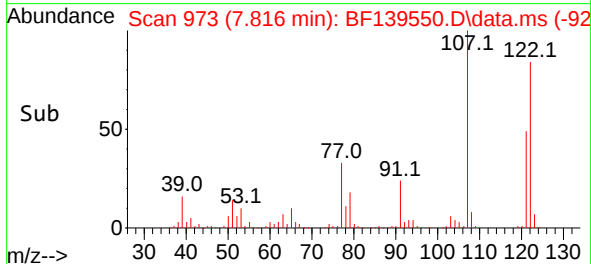
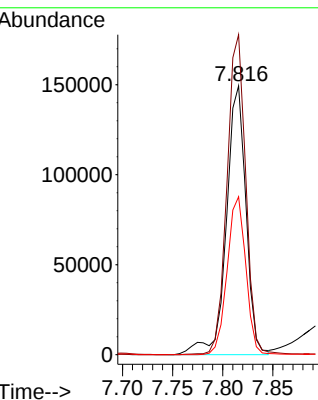
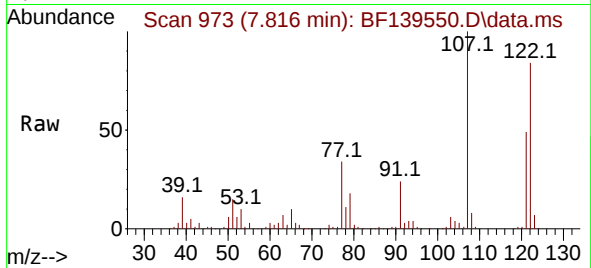
121 58.8 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#28

bis(2-Chloroethoxy)methane

Concen: 52.692 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

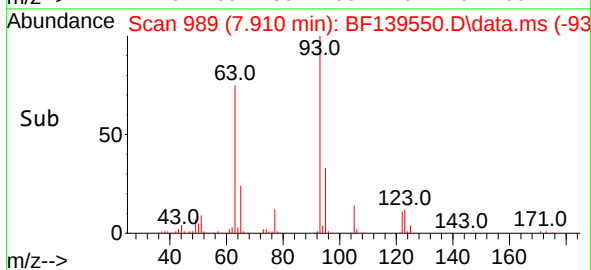
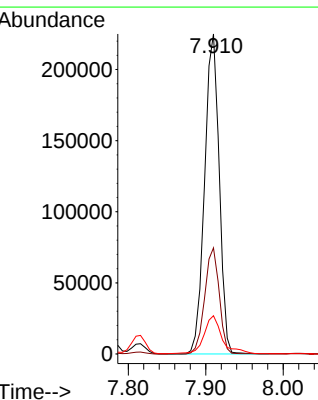
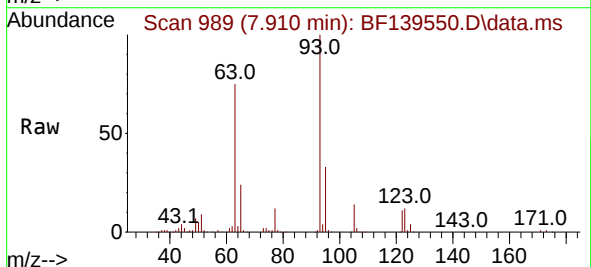
Tgt Ion: 93 Resp: 294380

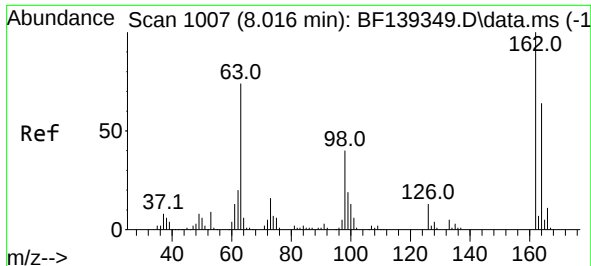
Ion Ratio Lower Upper

93 100

95 33.2 26.9 40.3

123 12.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 50.944 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

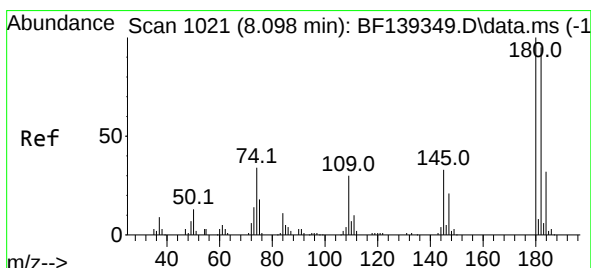
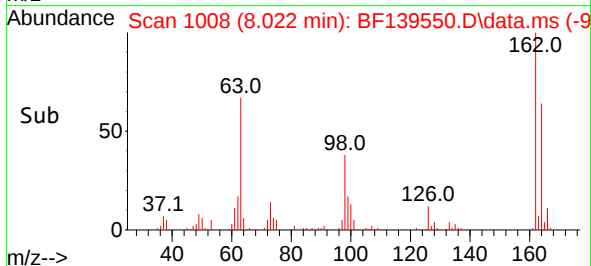
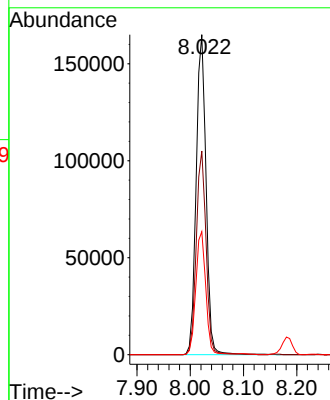
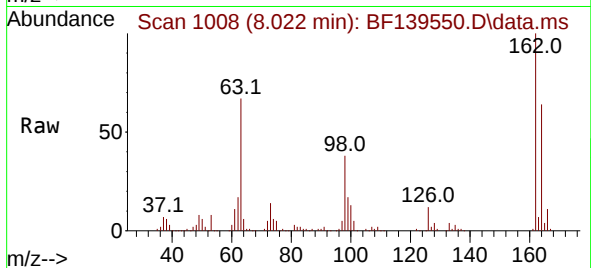
Tgt Ion:162 Resp: 21217
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.6 83.6
 98 38.5 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.048 ng

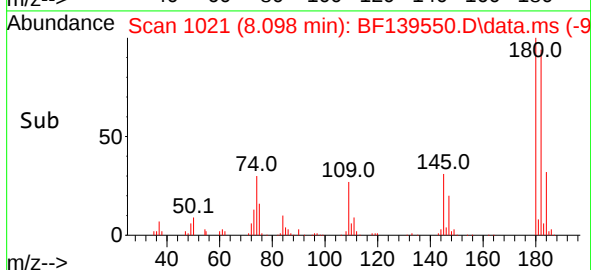
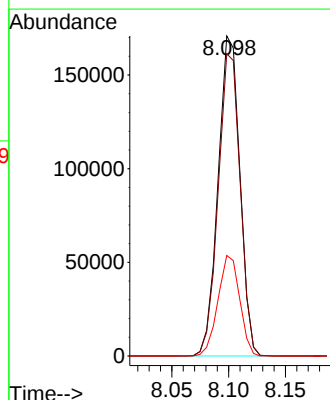
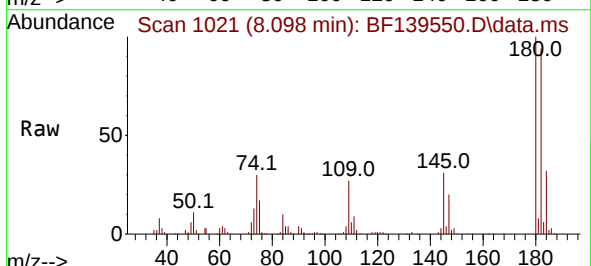
RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Tgt Ion:180 Resp: 228312
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.7 113.5
 145 31.4 26.5 39.7





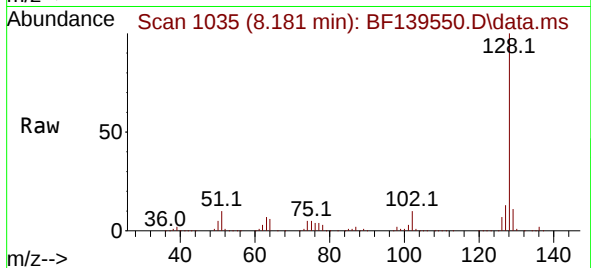
#31
Naphthalene
Concen: 49.706 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

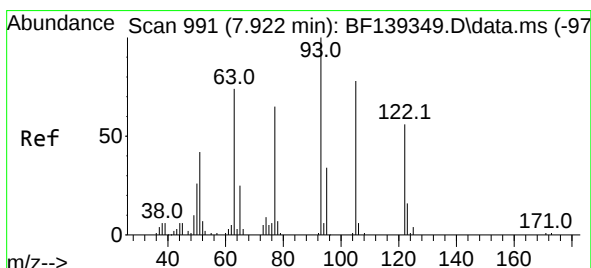
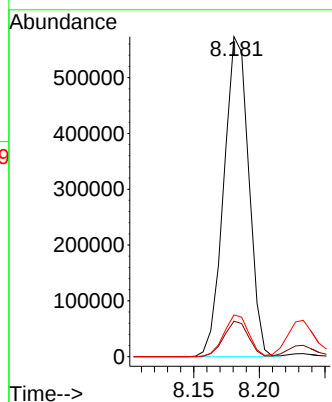
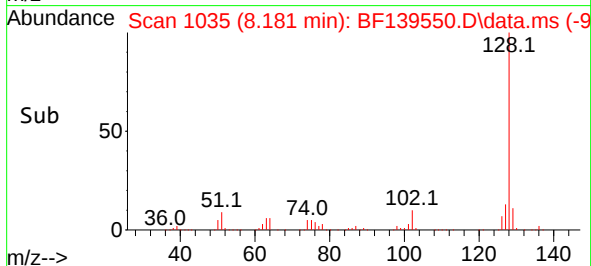


Tgt Ion:128 Resp: 756138
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.6 16.0

Manual Integrations

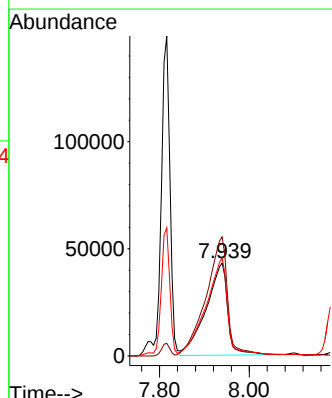
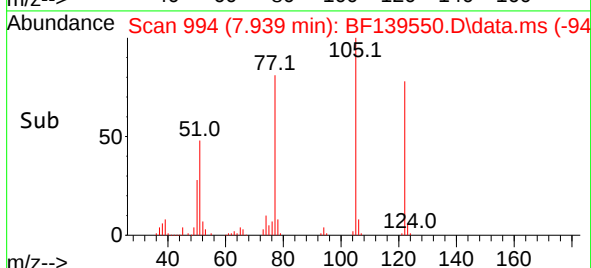
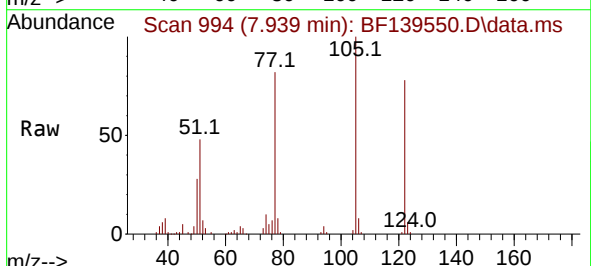
APPROVED

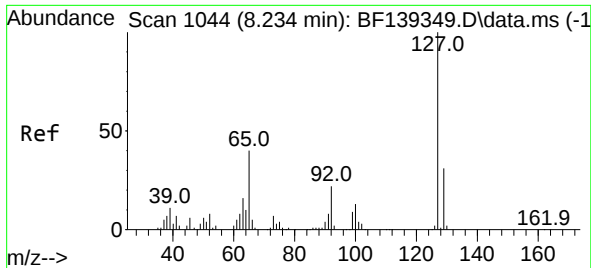
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#32
Benzoic acid
Concen: 46.788 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:122 Resp: 143548
Ion Ratio Lower Upper
122 100
105 128.1 117.1 157.1
77 105.2 95.4 135.4





#33
4-Chloroaniline
Concen: 24.218 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

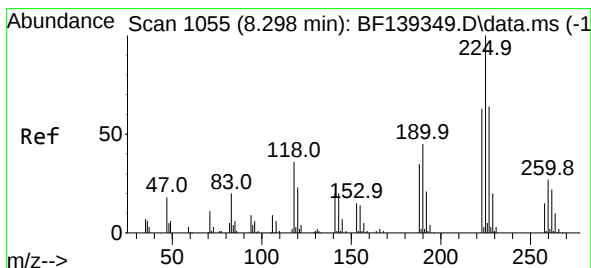
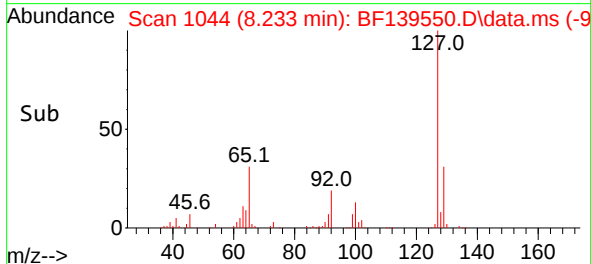
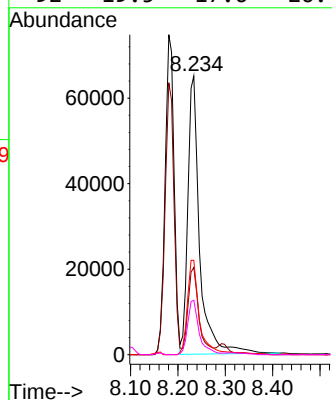
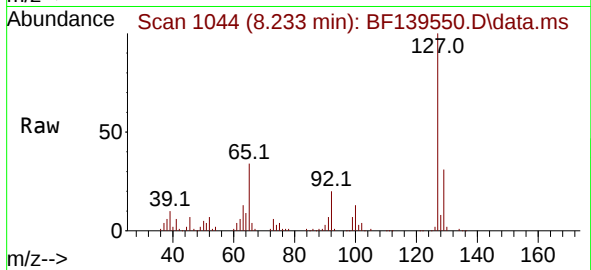
PB163677BS

Tgt Ion:127 Resp: 112704
Ion Ratio Lower Upper
127 100
129 31.3 25.5 38.3
65 33.9 31.5 47.3
92 19.5 17.6 26.4

Manual Integrations

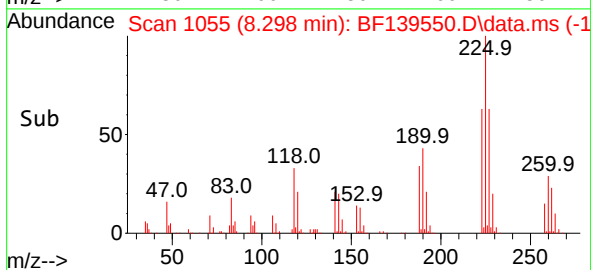
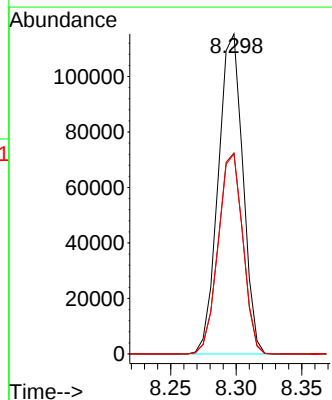
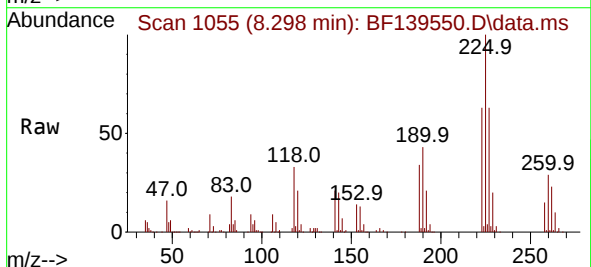
APPROVED

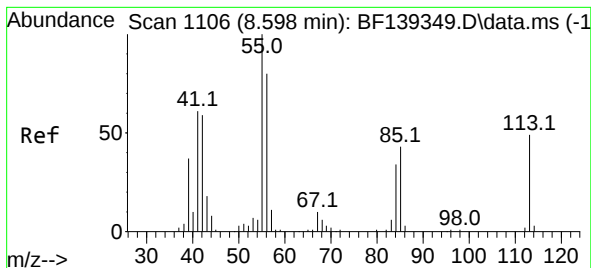
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#34
Hexachlorobutadiene
Concen: 45.651 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:225 Resp: 150506
Ion Ratio Lower Upper
225 100
223 62.8 50.1 75.1
227 62.6 51.0 76.6





#35

Caprolactam

Concen: 52.543 ng m

RT: 8.604 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

Tgt Ion:113 Resp: 67310

Ion Ratio Lower Upper

113 100

55 203.0 186.1 226.1

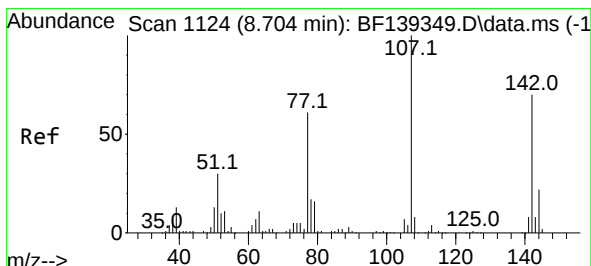
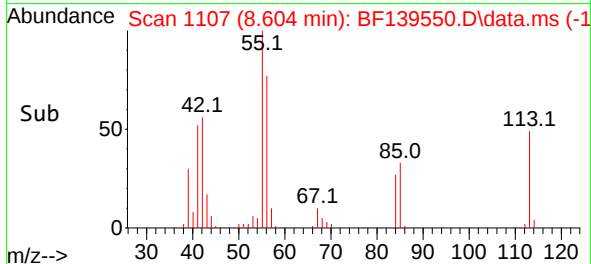
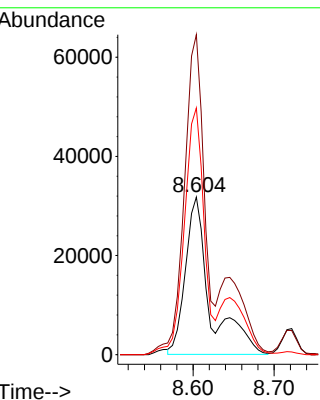
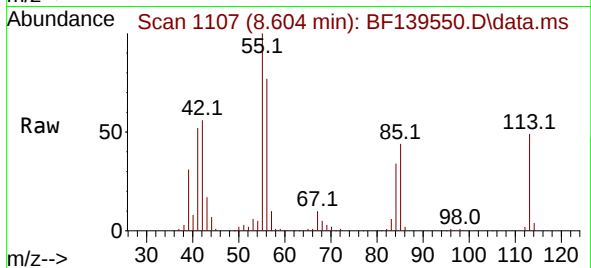
56 156.5 144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#36

4-Chloro-3-methylphenol

Concen: 48.551 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.017 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

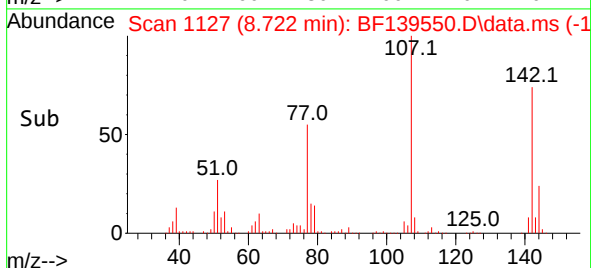
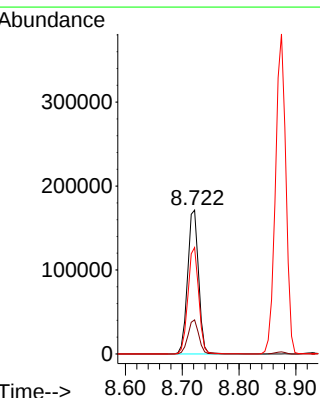
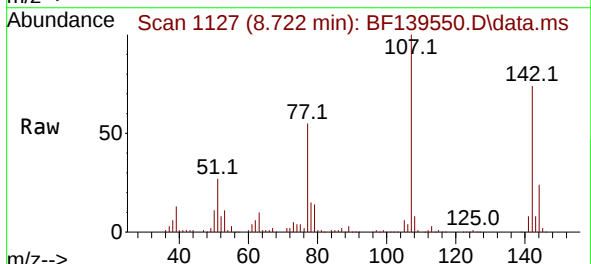
Tgt Ion:107 Resp: 231096

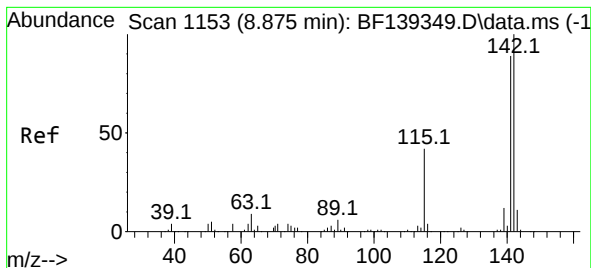
Ion Ratio Lower Upper

107 100

144 23.6 17.5 26.3

142 73.9 55.8 83.8





#37

2-Methylnaphthalene

Concen: 50.376 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

Tgt Ion:142 Resp: 48641

Ion Ratio Lower Upper

142 100

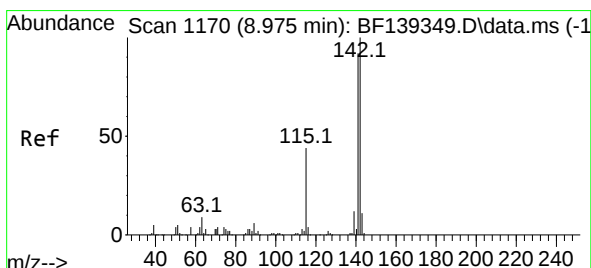
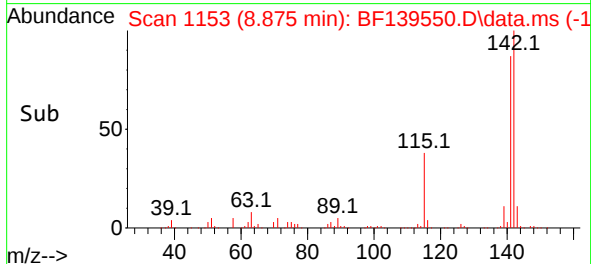
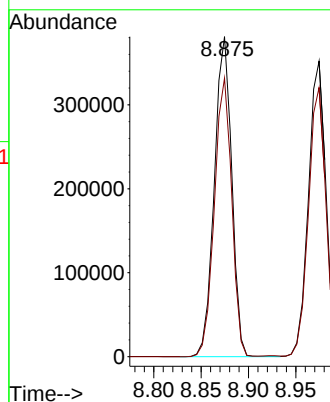
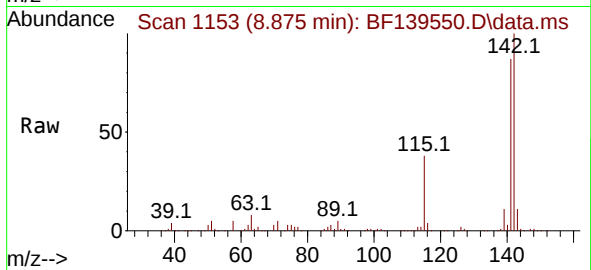
141 87.1 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#38

1-Methylnaphthalene

Concen: 47.334 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139550.D

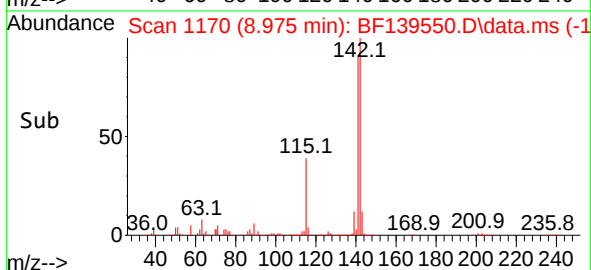
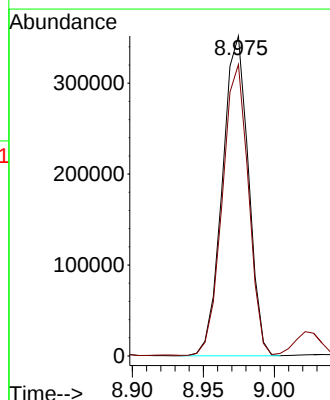
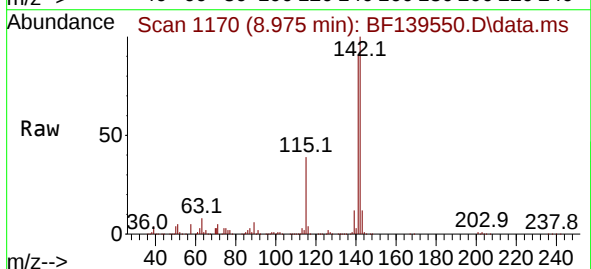
Acq: 26 Sep 2024 16:27

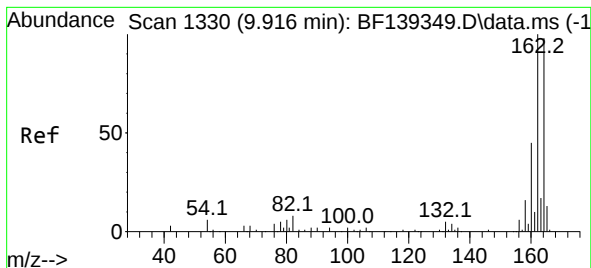
Tgt Ion:142 Resp: 448706

Ion Ratio Lower Upper

142 100

141 91.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139550.D

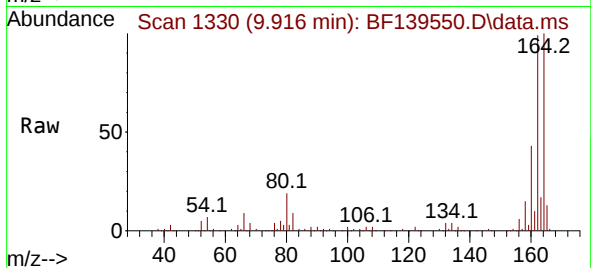
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS



Tgt Ion:164 Resp: 15779

Ion Ratio Lower Upper

164 100

162 99.4 81.3 121.9

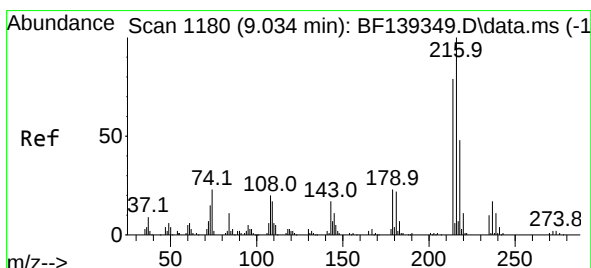
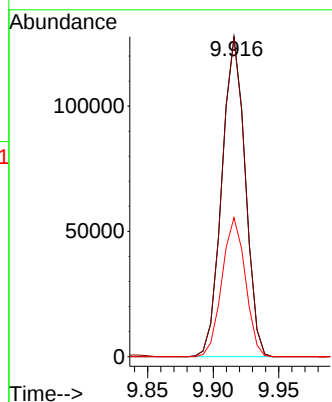
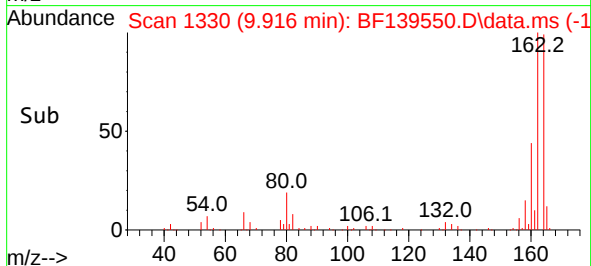
160 43.5 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.074 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Tgt Ion:216 Resp: 229499

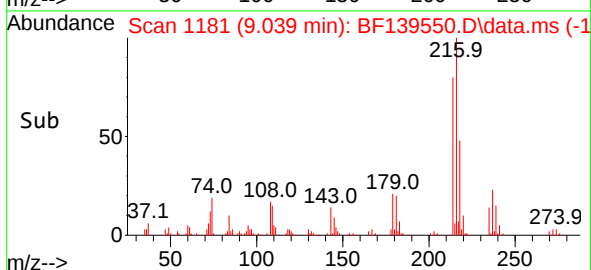
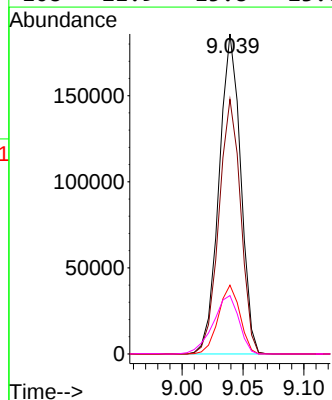
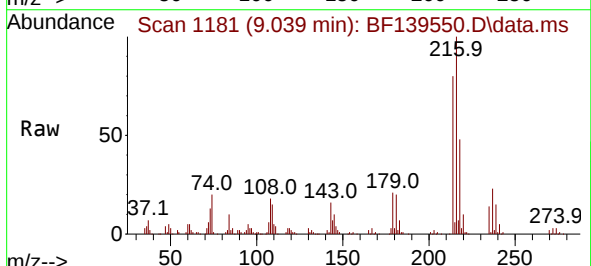
Ion Ratio Lower Upper

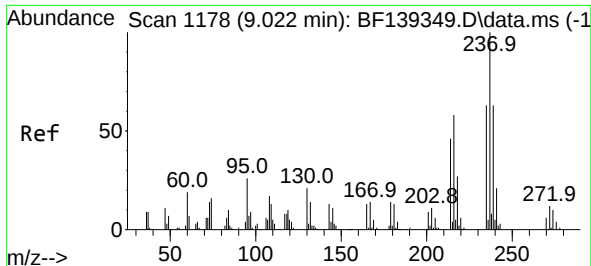
216 100

214 79.8 63.4 95.0

179 21.5 18.2 27.2

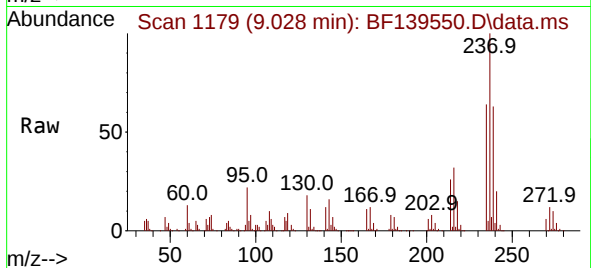
108 21.9 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 172.429 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

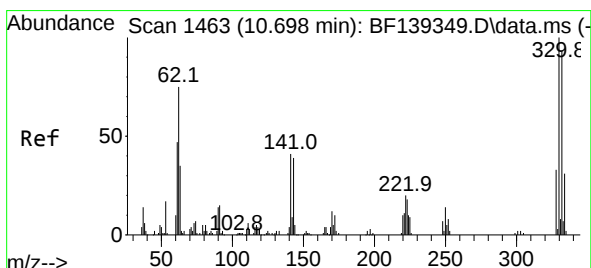
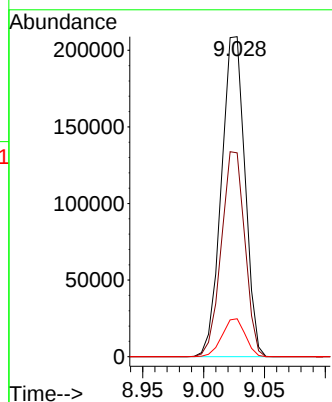
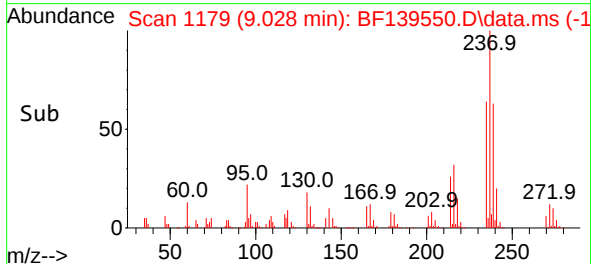
Instrument :
BNA_F
ClientSampleId :
PB163677BS



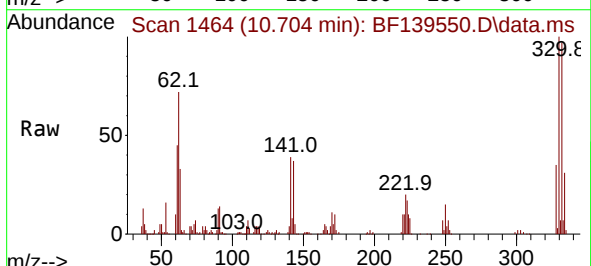
Tgt Ion:237 Resp: 28155
Ion Ratio Lower Upper
237 100
235 63.7 42.7 82.7
272 11.9 0.0 32.5

Manual Integrations
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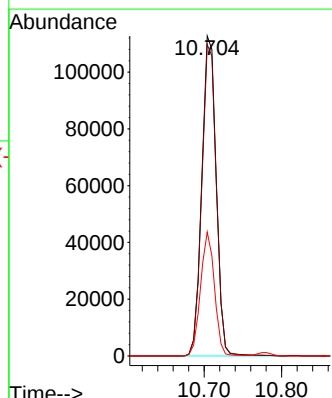
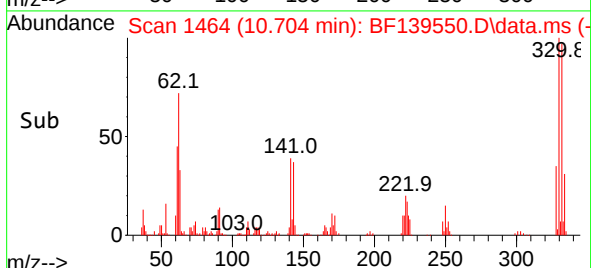
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

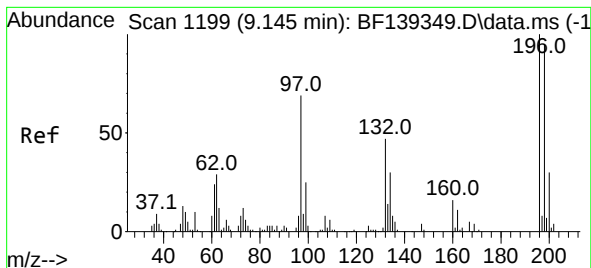


#42
2,4,6-Tribromophenol
Concen: 86.633 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



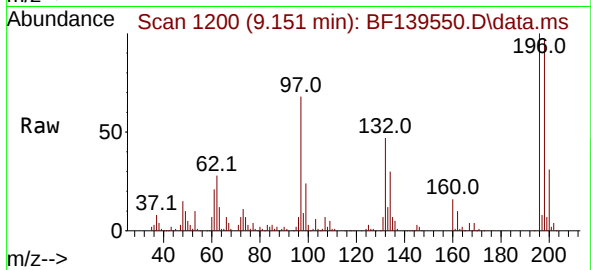
Tgt Ion:330 Resp: 145537
Ion Ratio Lower Upper
330 100
332 97.7 75.2 112.8
141 37.4 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 50.283 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

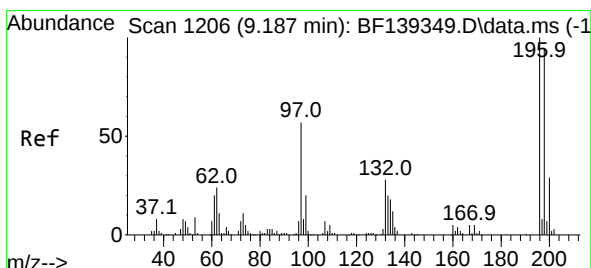
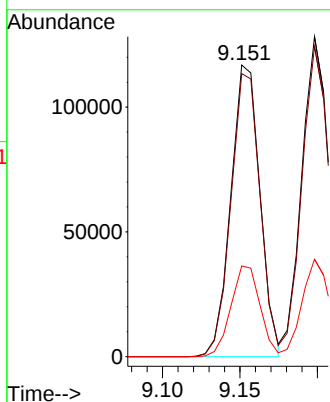
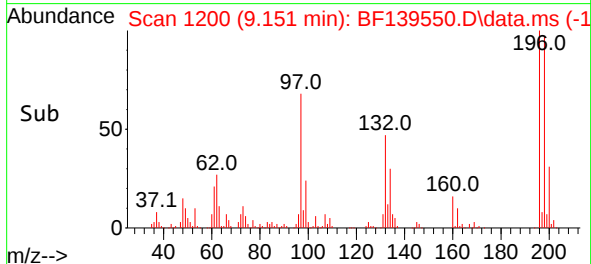
Instrument :
BNA_F
ClientSampleId :
PB163677BS



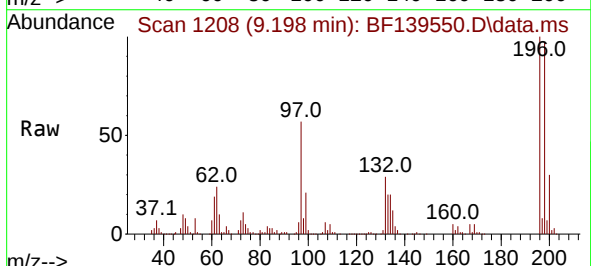
Tgt Ion:196 Resp: 15298
Ion Ratio Lower Upper
196 100
198 97.0 75.8 113.6
200 31.1 24.1 36.1

Manual Integrations
APPROVED

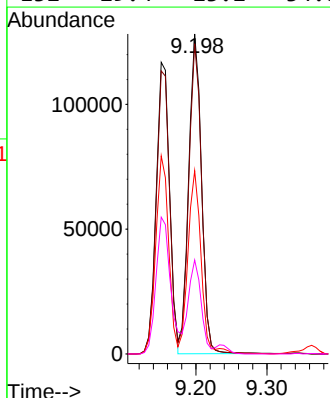
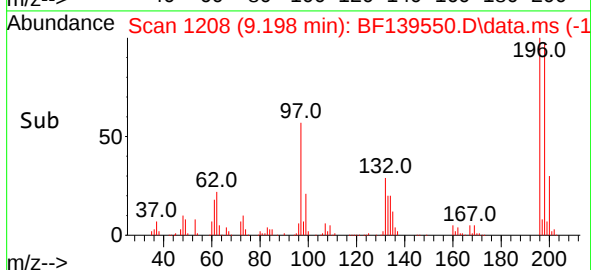
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

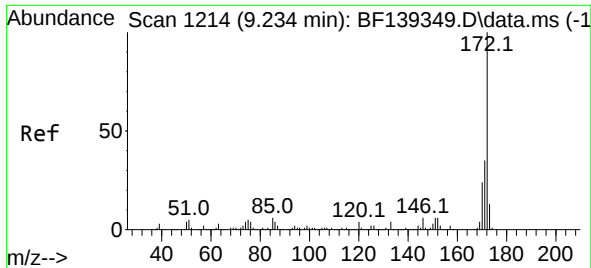


#44
2,4,5-Trichlorophenol
Concen: 50.027 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



Tgt Ion:196 Resp: 160556
Ion Ratio Lower Upper
196 100
198 96.9 74.8 112.2
97 57.3 47.3 70.9
132 29.4 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 89.229 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

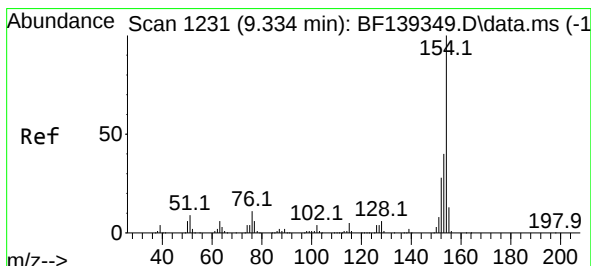
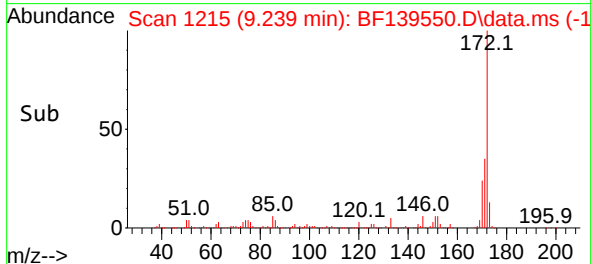
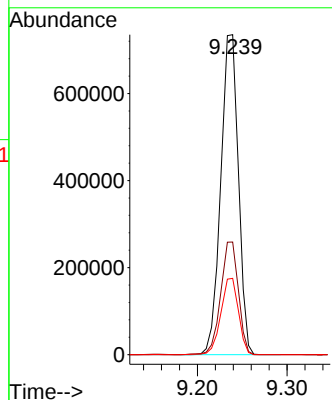
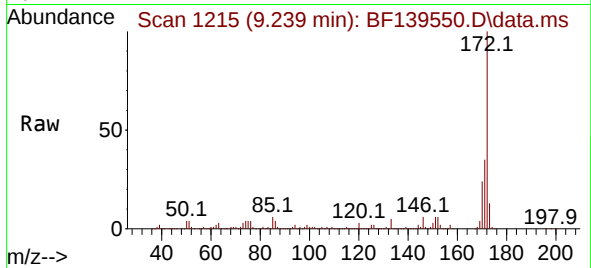
PB163677BS

Tgt Ion:172 Resp: 100390
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.9 19.0 28.6

Manual Integrations

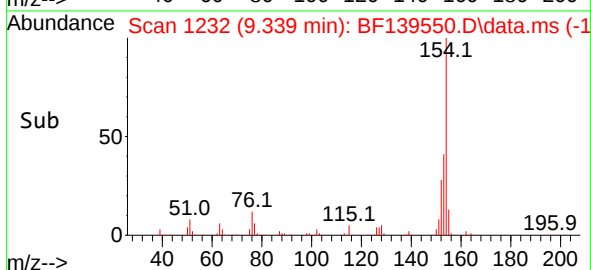
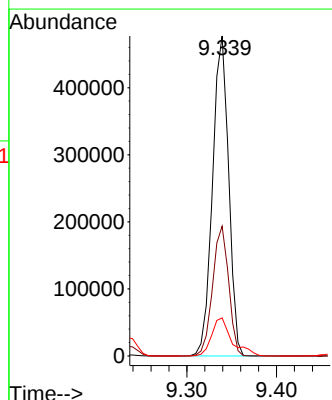
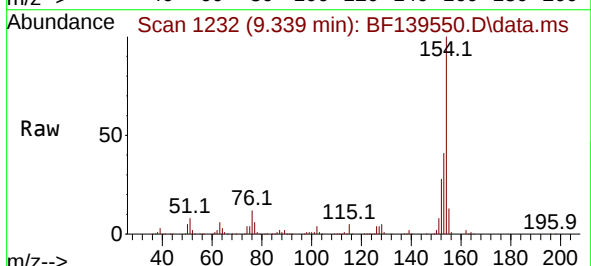
APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#46
1,1'-Biphenyl
Concen: 48.928 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:154 Resp: 593968
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 11.9 0.0 31.1





#47

2-Chloronaphthalene

Concen: 49.480 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139550.D

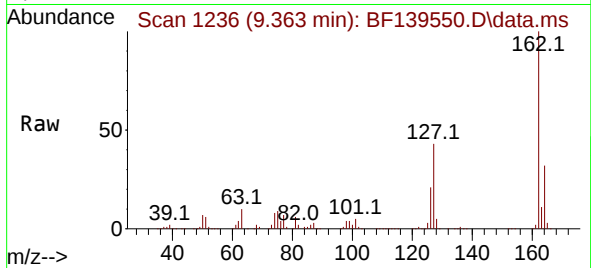
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS



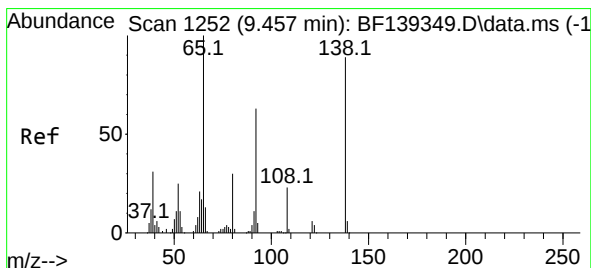
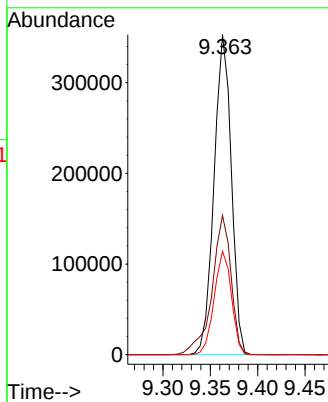
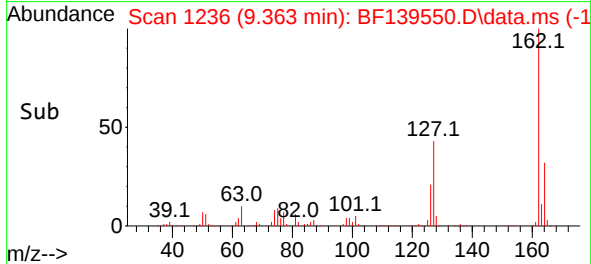
Tgt Ion:	162	Resp:	449119
Ion Ratio	Lower	Upper	
162	100		
127	43.5	35.0	52.4
164	32.3	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#48

2-Nitroaniline

Concen: 48.678 ng

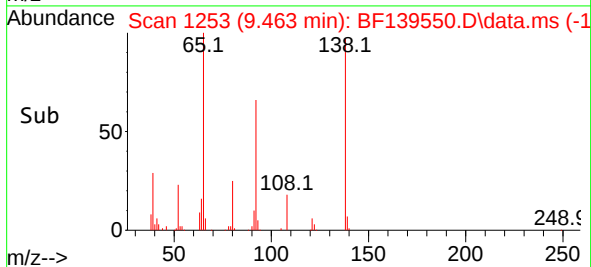
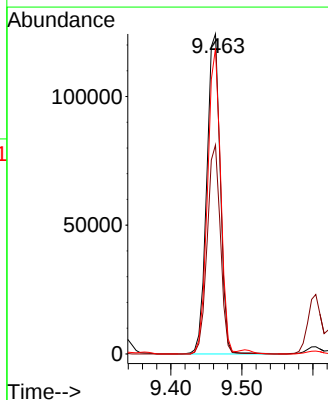
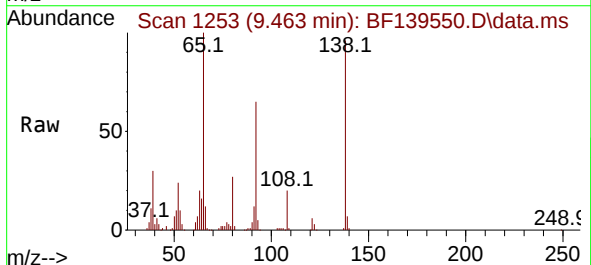
RT: 9.463 min Scan# 1253

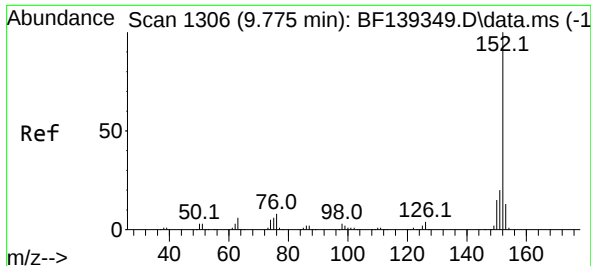
Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Tgt Ion:	65	Resp:	164340
Ion Ratio	Lower	Upper	
65	100		
92	65.3	50.3	75.5
138	95.5	71.3	106.9





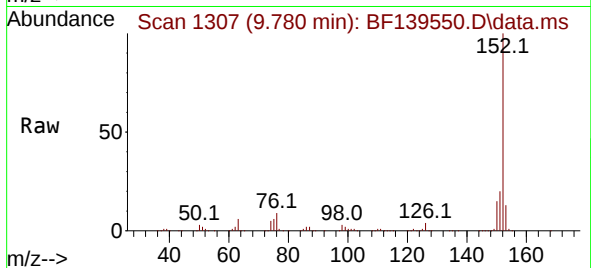
#49
Acenaphthylene
Concen: 53.614 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS



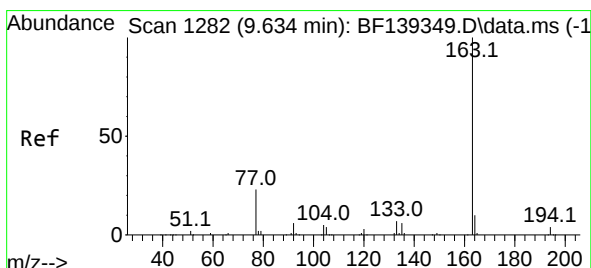
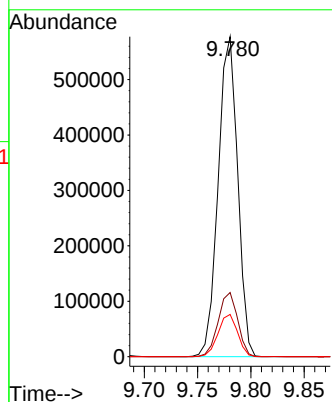
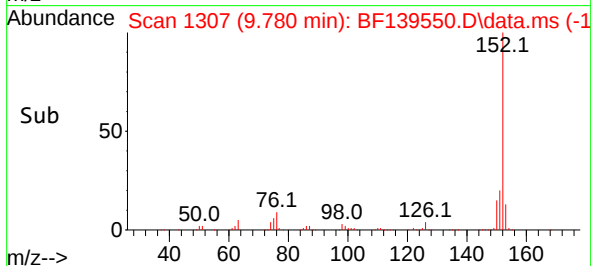
Tgt Ion:152 Resp: 732540
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.3 15.5

Manual Integrations

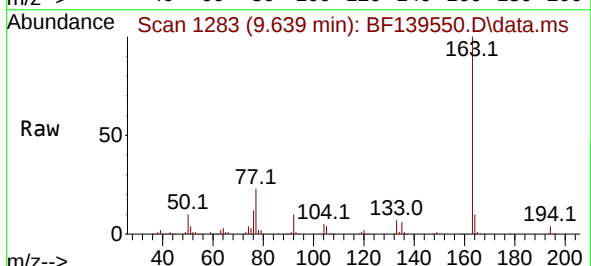
APPROVED

Reviewed By :Yogesh Patel 09/28/2024

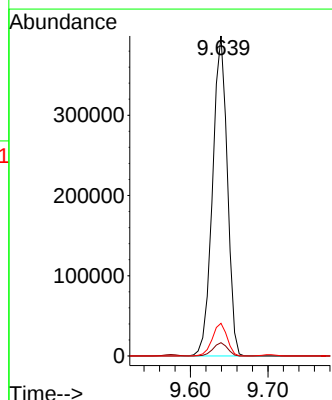
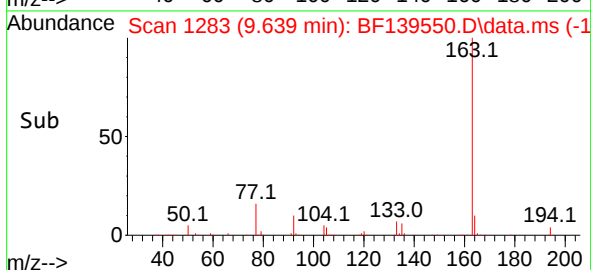
Supervised By :mohammad ahmed 09/28/2024

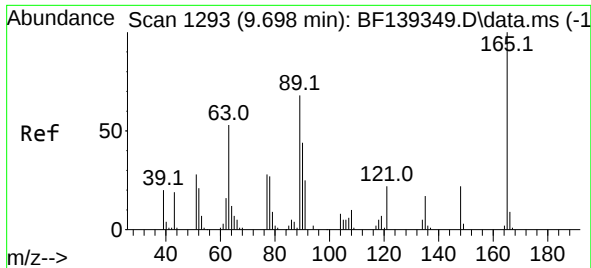


#50
Dimethylphthalate
Concen: 50.922 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



Tgt Ion:163 Resp: 527386
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.647 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

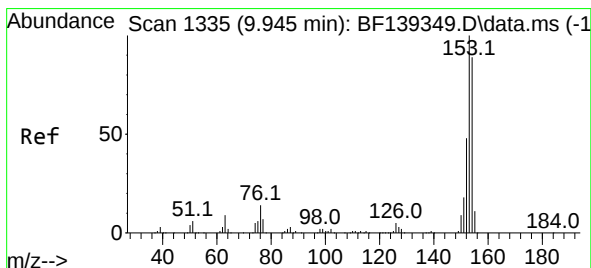
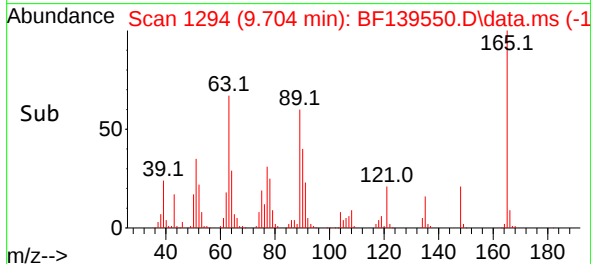
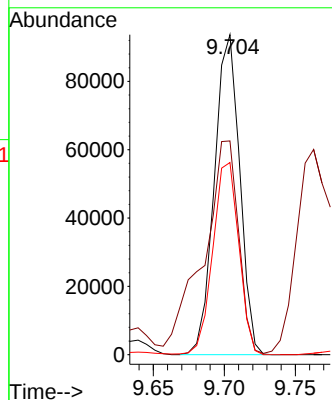
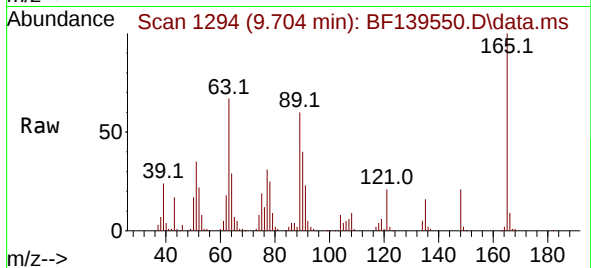
ClientSampleId :

PB163677BS

Tgt Ion:165 Resp: 11620
Ion Ratio Lower Upper
165 100
63 66.8 60.9 91.3
89 60.1 54.7 82.1

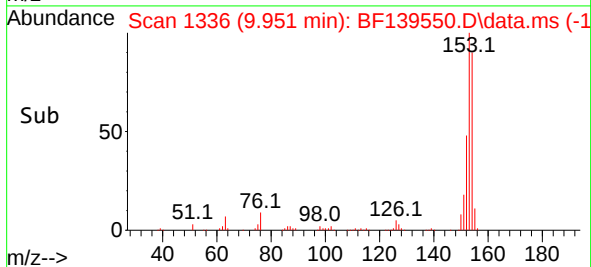
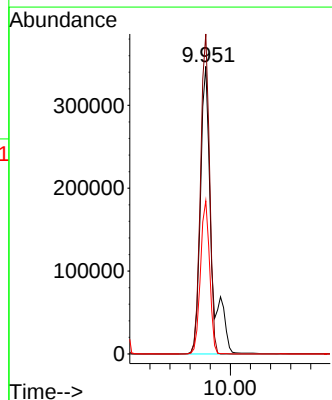
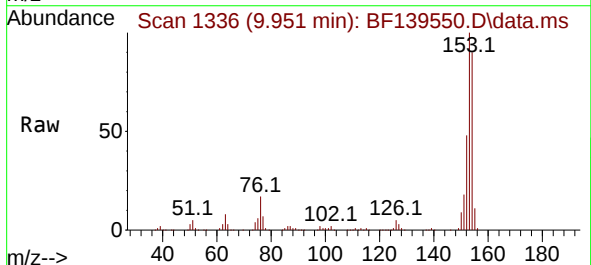
Manual Integrations
APPROVED

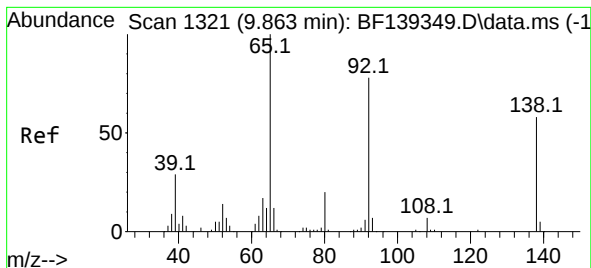
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#52
Acenaphthene
Concen: 55.245 ng m
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:154 Resp: 526813
Ion Ratio Lower Upper
154 100
153 111.3 89.5 134.3
152 53.3 42.6 64.0





#53
3-Nitroaniline
Concen: 34.705 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

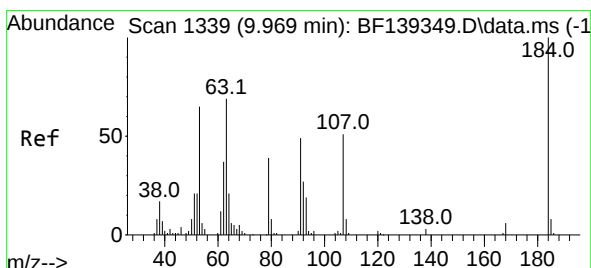
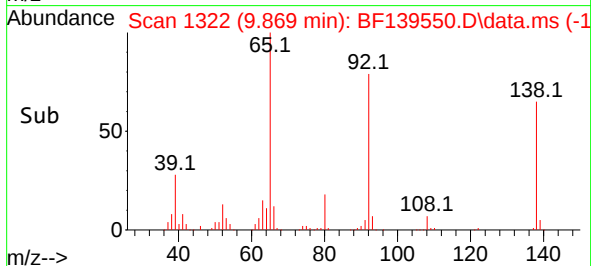
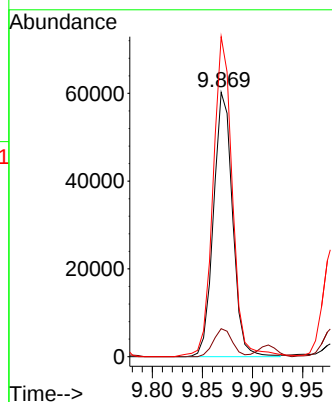
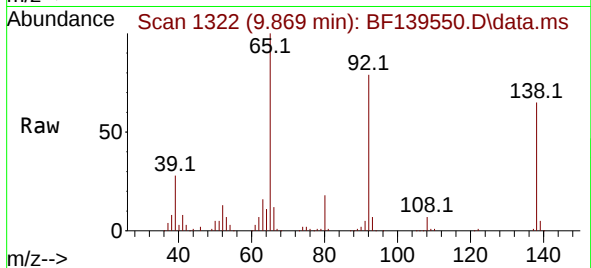
PB163677BS

Tgt Ion:138 Resp: 7957
Ion Ratio Lower Upper
138 100
108 10.6 9.8 14.8
92 121.0 107.4 161.2

Manual Integrations

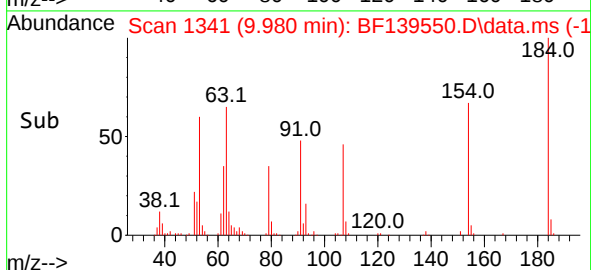
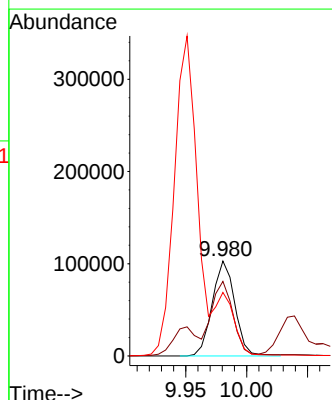
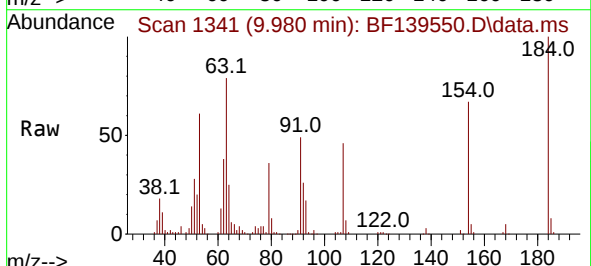
APPROVED

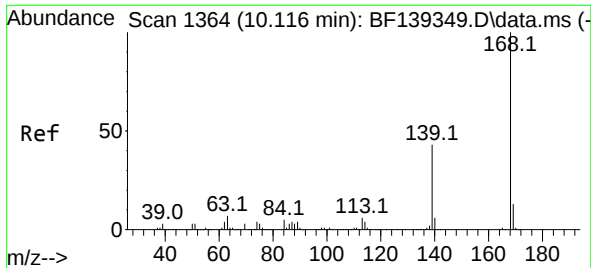
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#54
2,4-Dinitrophenol
Concen: 104.397 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

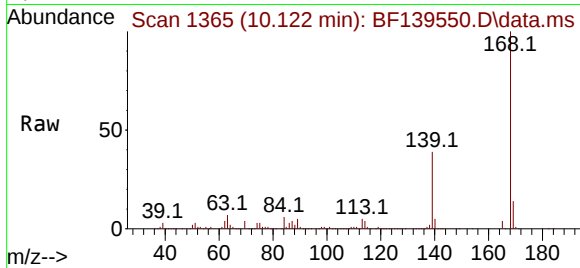
Tgt Ion:184 Resp: 133467
Ion Ratio Lower Upper
184 100
63 78.5 69.3 103.9
154 67.0 67.5 101.3#





#55
Dibenzenofuran
Concen: 49.444 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

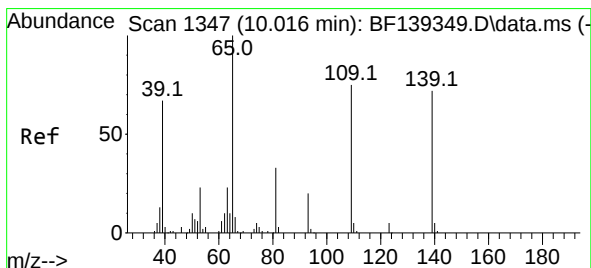
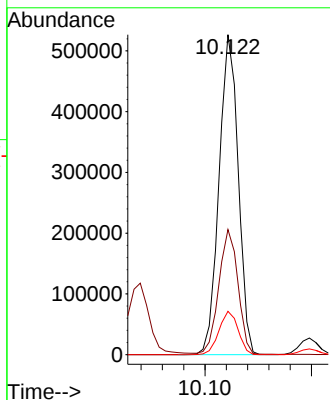
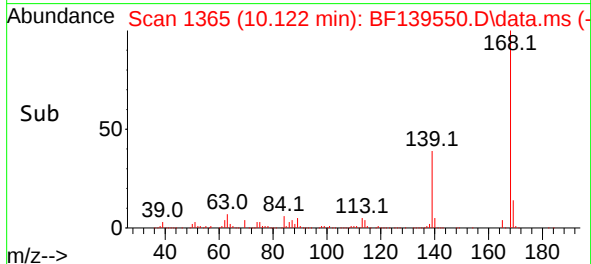
Instrument :
BNA_F
ClientSampleId :
PB163677BS



Tgt Ion:168 Resp: 657178
Ion Ratio Lower Upper
168 100
139 39.1 34.1 51.1
169 13.6 10.5 15.7

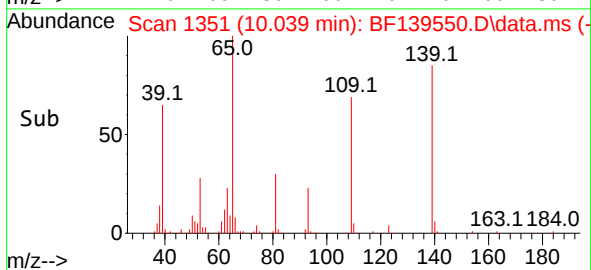
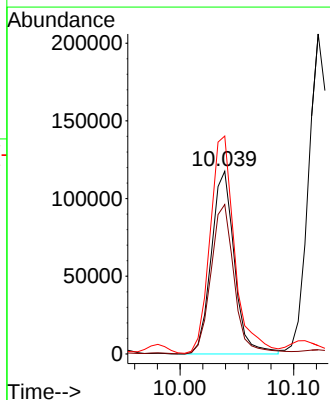
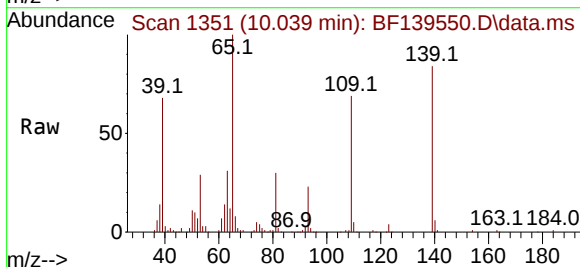
Manual Integrations
APPROVED

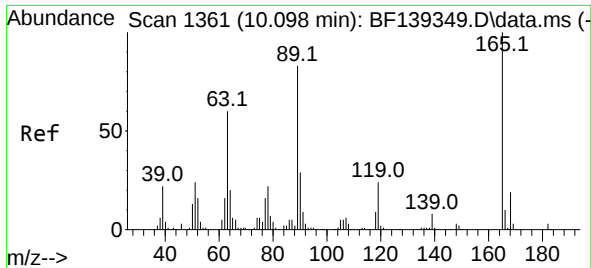
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#56
4-Nitrophenol
Concen: 87.600 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.023 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Tgt Ion:139 Resp: 166202
Ion Ratio Lower Upper
139 100
109 81.7 84.1 124.1#
65 119.2 120.0 160.0#





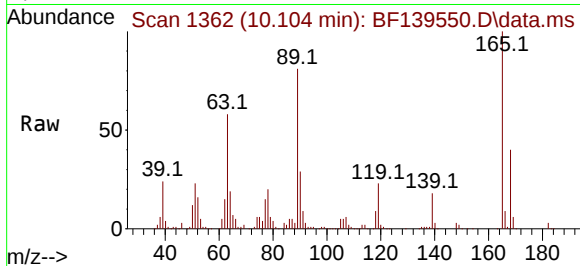
#57
2,4-Dinitrotoluene
Concen: 50.084 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

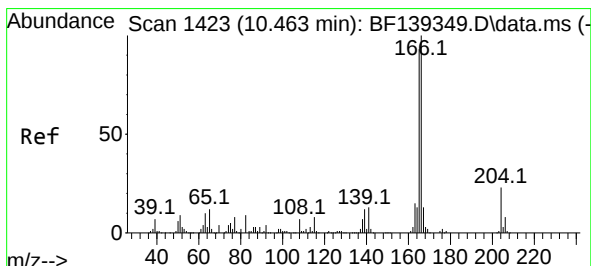
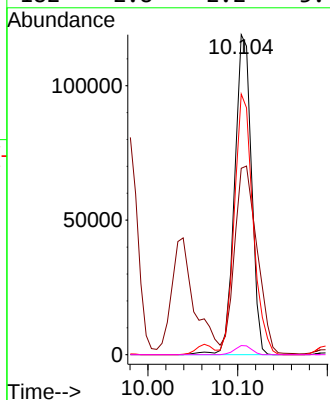
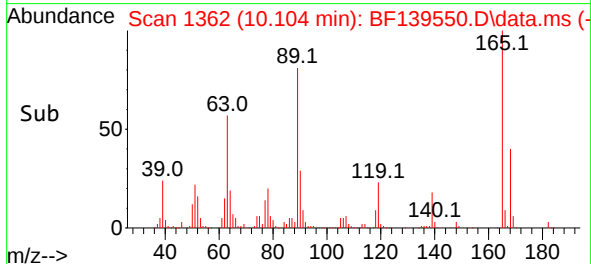


Tgt Ion:165 Resp: 155138
Ion Ratio Lower Upper
165 100
63 58.3 47.8 71.6
89 81.5 66.7 100.1
182 2.8 2.2 3.4

Manual Integrations

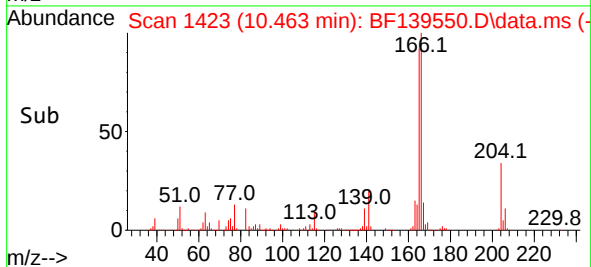
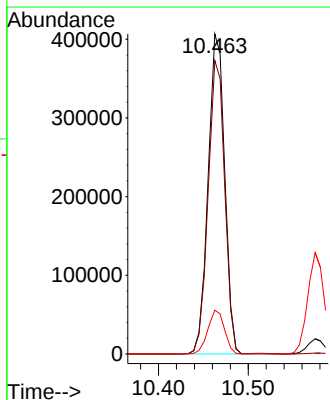
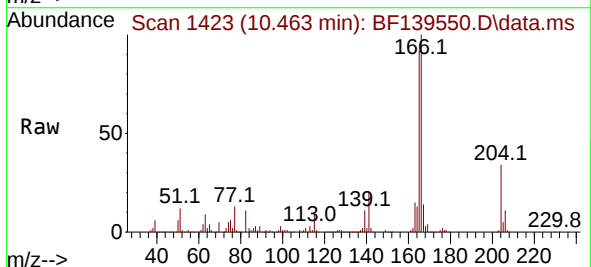
APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#58
Fluorene
Concen: 48.101 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

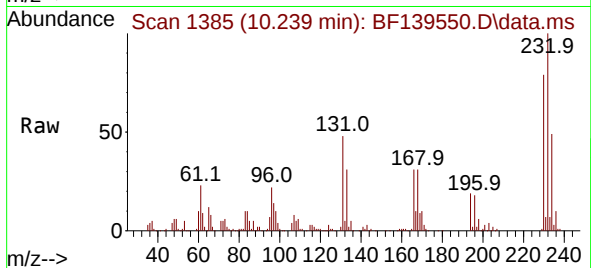
Tgt Ion:166 Resp: 521627
Ion Ratio Lower Upper
166 100
165 91.7 74.5 111.7
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.906 ng
RT: 10.239 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

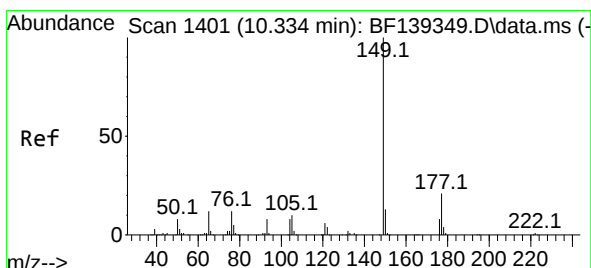
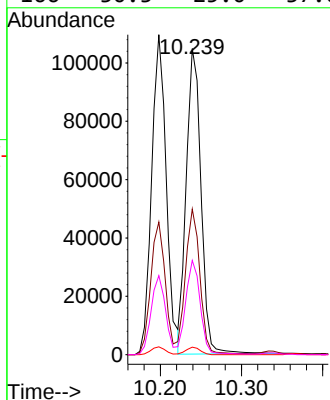
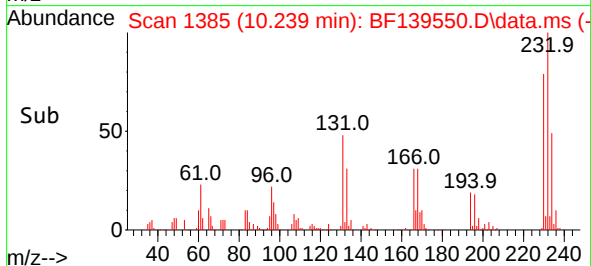
Instrument :
BNA_F
ClientSampleId :
PB163677BS



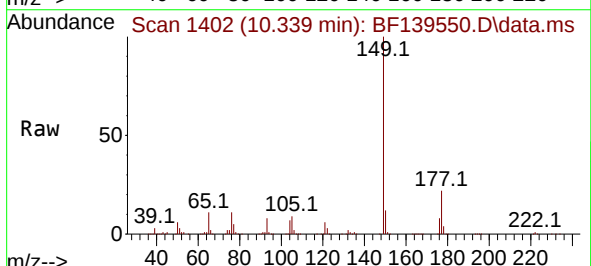
Tgt Ion:232 Resp: 132495
Ion Ratio Lower Upper
232 100
131 47.2 40.7 61.1
130 2.4 2.2 3.2
166 30.3 25.0 37.6

Manual Integrations
APPROVED

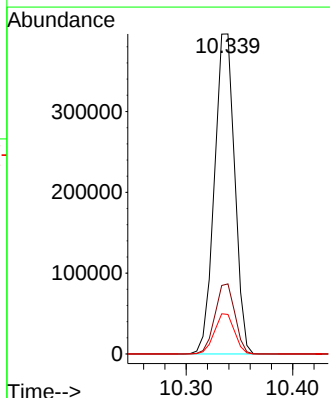
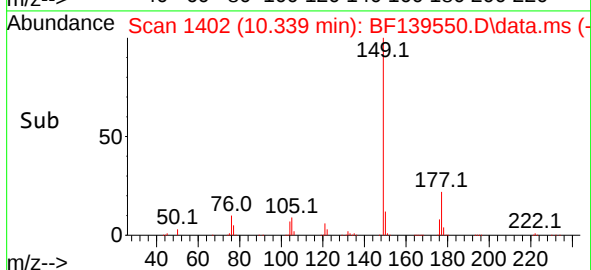
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

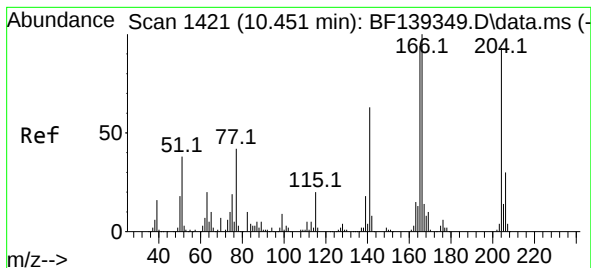


#60
Diethylphthalate
Concen: 48.781 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



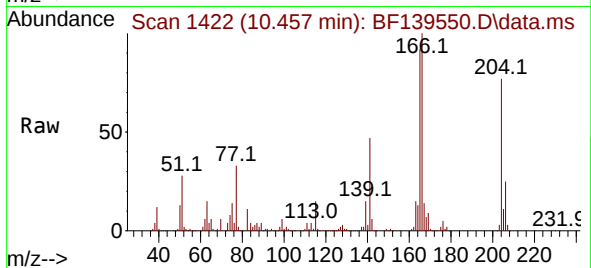
Tgt Ion:149 Resp: 521356
Ion Ratio Lower Upper
149 100
177 21.9 16.6 24.8
150 12.4 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 47.265 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

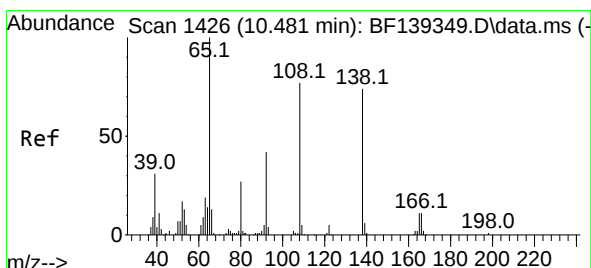
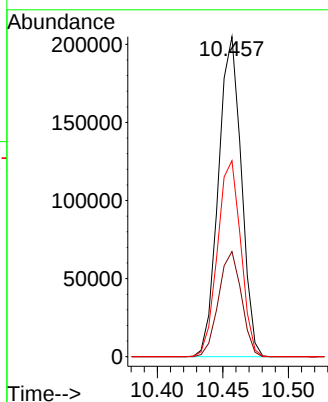
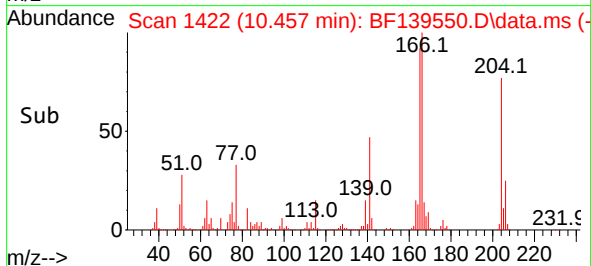
Instrument :
BNA_F
ClientSampleId :
PB163677BS



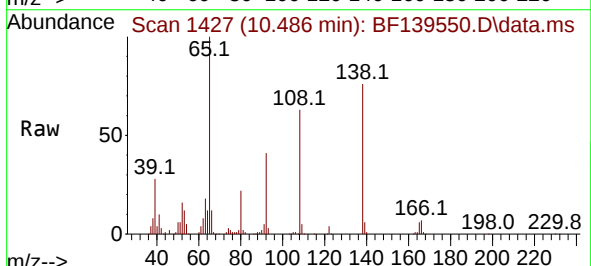
Tgt Ion:204 Resp: 249104
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 61.3 53.9 80.9

Manual Integrations
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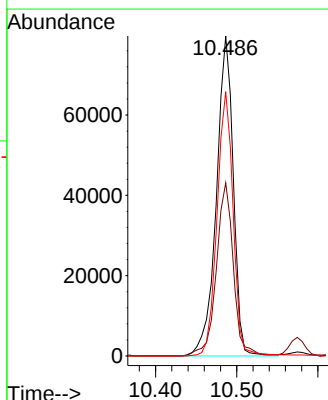
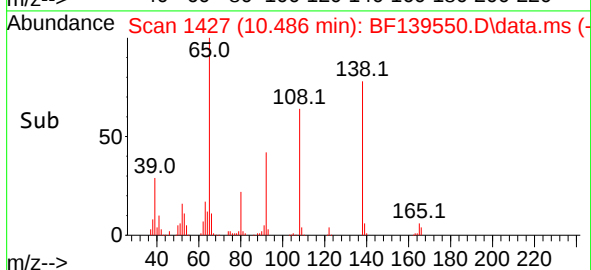
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

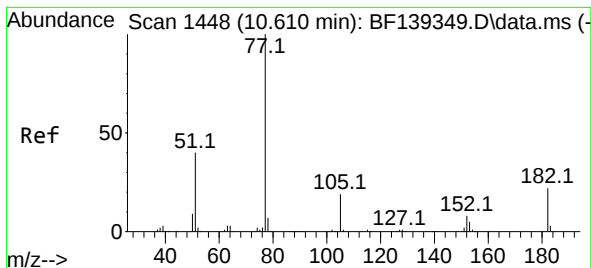


#62
4-Nitroaniline
Concen: 46.294 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



Tgt Ion:138 Resp: 115850
Ion Ratio Lower Upper
138 100
92 54.1 37.0 77.0
108 82.6 84.4 124.4#





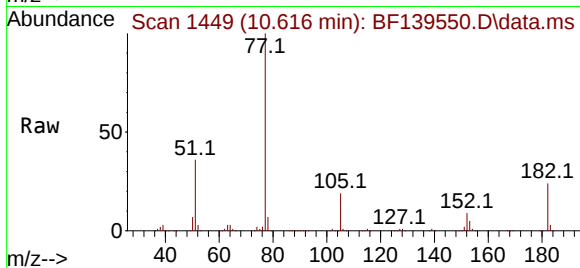
#63
Azobenzene
Concen: 50.712 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

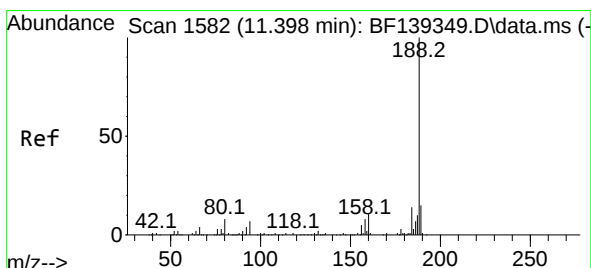
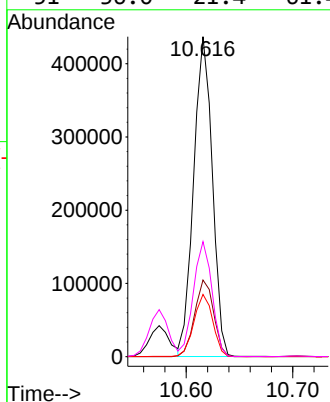
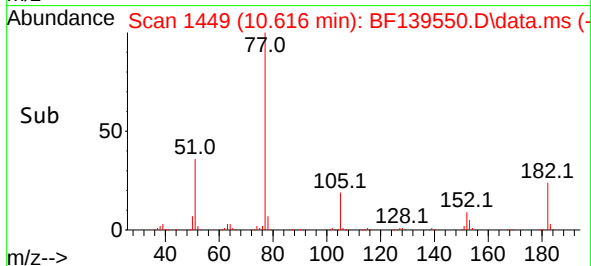


Tgt Ion: 77 Resp: 533082
Ion Ratio Lower Upper
77 100
182 23.9 1.8 41.8
105 19.5 0.0 38.6
51 36.0 21.4 61.4

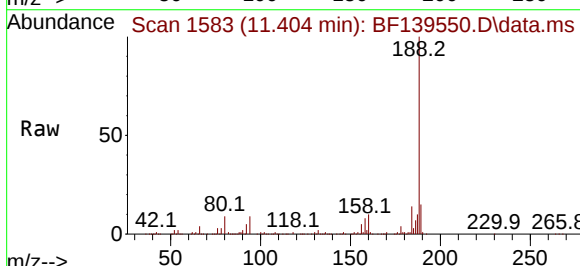
Manual Integrations

APPROVED

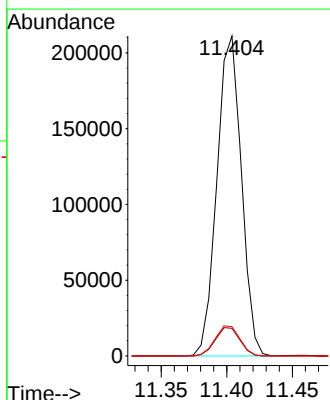
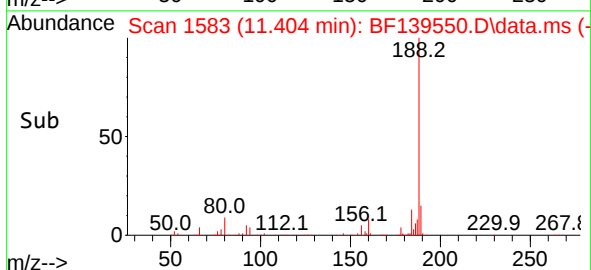
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

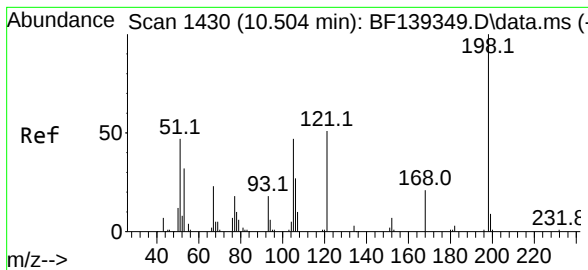


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



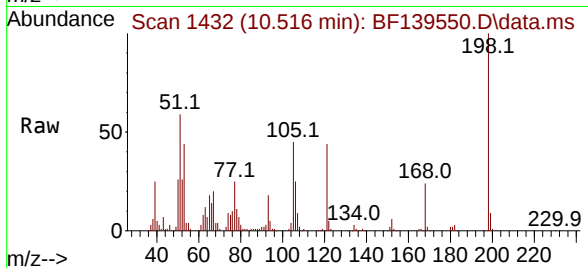
Tgt Ion:188 Resp: 273650
Ion Ratio Lower Upper
188 100
94 8.7 5.5 8.3#
80 9.2 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 57.913 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

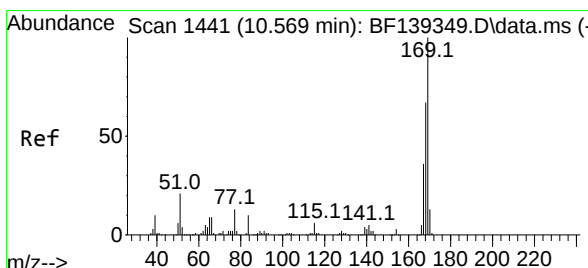
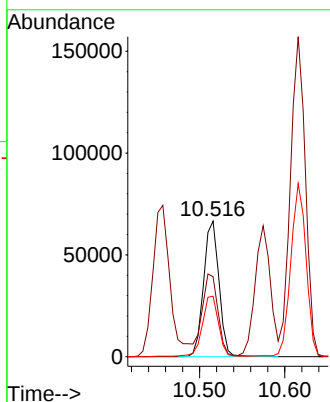
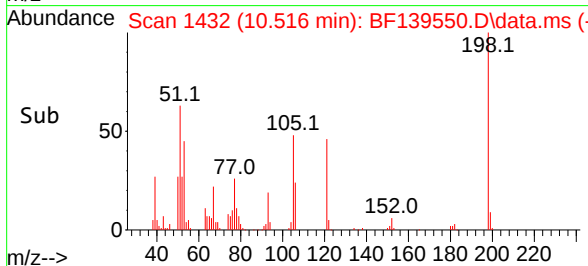
Instrument :
BNA_F
ClientSampleId :
PB163677BS



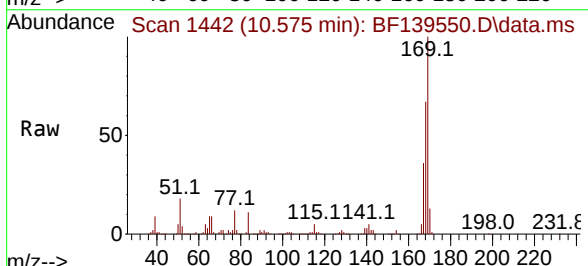
Tgt Ion:198 Resp: 8364
Ion Ratio Lower Upper
198 100
51 59.0 50.4 90.4
105 44.6 28.3 68.3

Manual Integrations
APPROVED

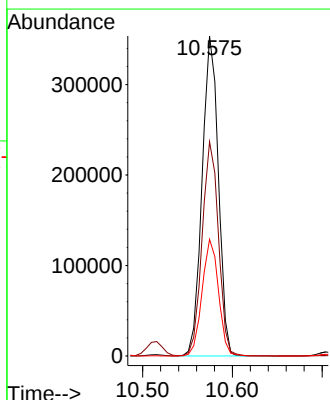
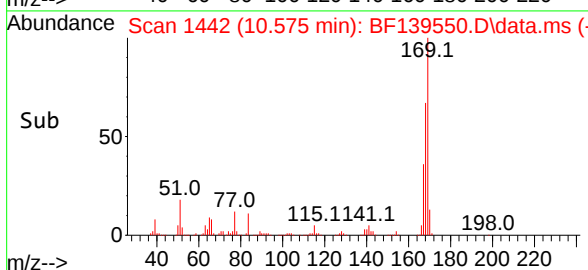
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

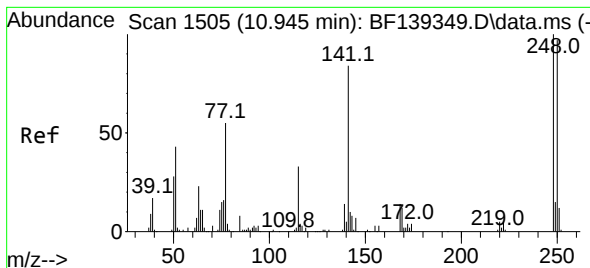


#66
n-Nitrosodiphenylamine
Concen: 55.553 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



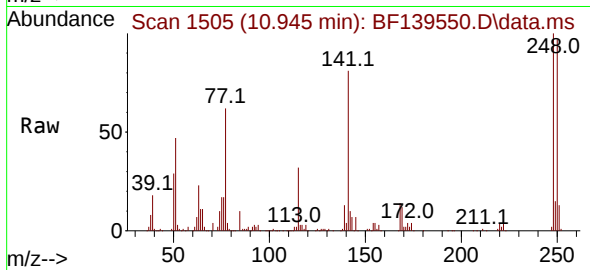
Tgt Ion:169 Resp: 444458
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 54.364 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

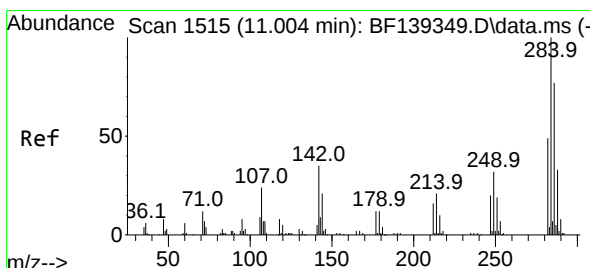
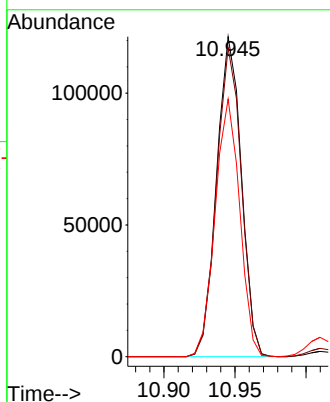
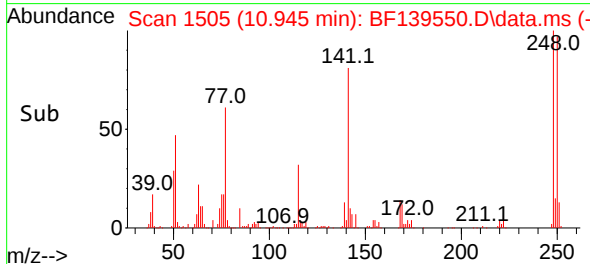
Instrument :
BNA_F
ClientSampleId :
PB163677BS



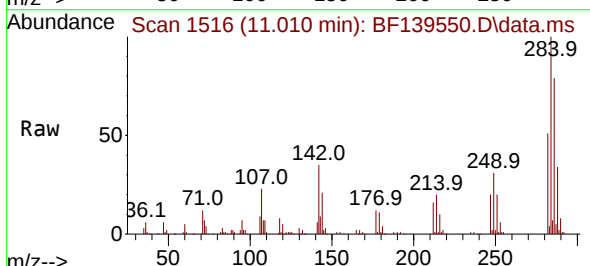
Tgt Ion:248 Resp: 147425
Ion Ratio Lower Upper
248 100
250 96.6 77.6 116.4
141 80.5 66.9 100.3

Manual Integrations
APPROVED

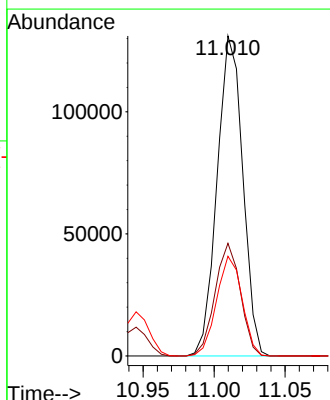
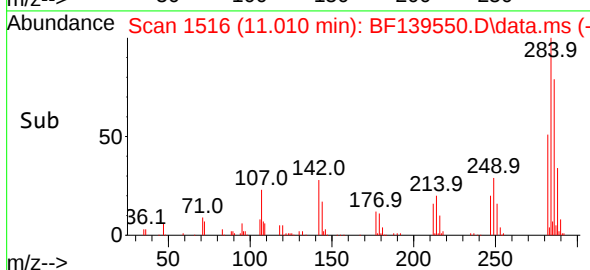
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#68
Hexachlorobenzene
Concen: 51.651 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



Tgt Ion:284 Resp: 164386
Ion Ratio Lower Upper
284 100
142 35.2 28.0 42.0
249 31.1 25.3 37.9





#69

Atrazine

Concen: 72.635 ng

RT: 11.104 min Scan# 1530

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

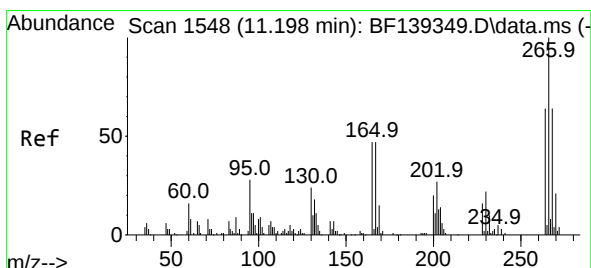
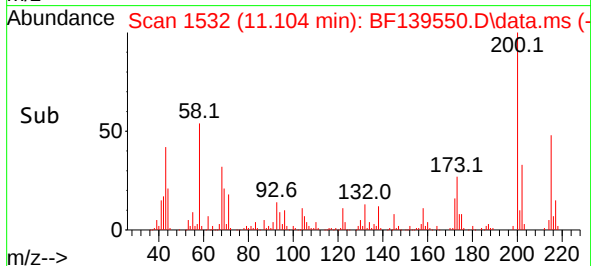
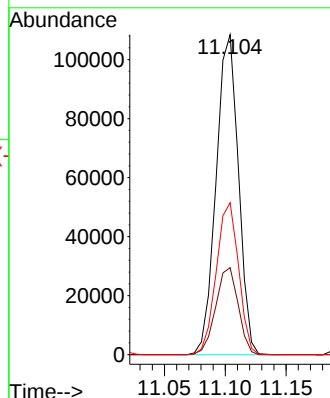
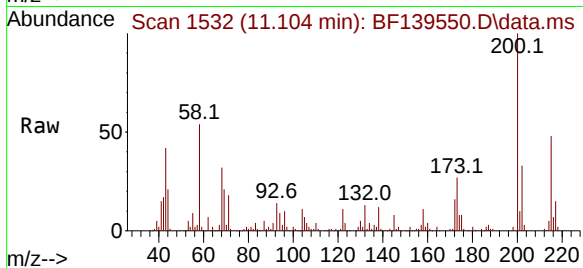
Tgt Ion:200 Resp: 13834
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.1 46.1
 215 47.5 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#70

Pentachlorophenol

Concen: 93.958 ng

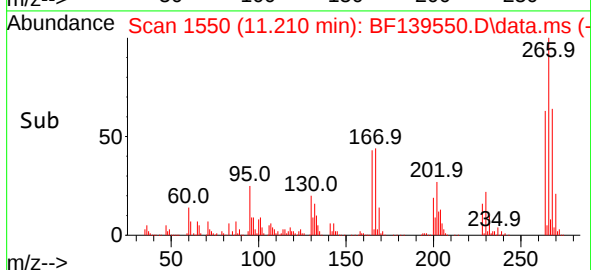
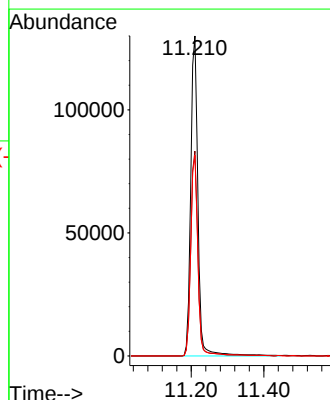
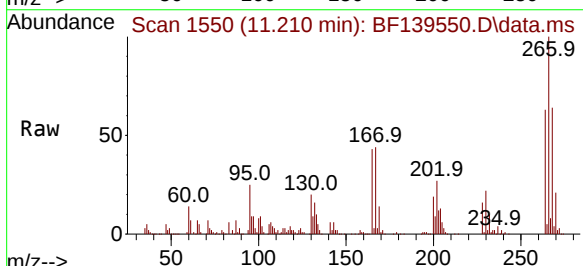
RT: 11.210 min Scan# 1550

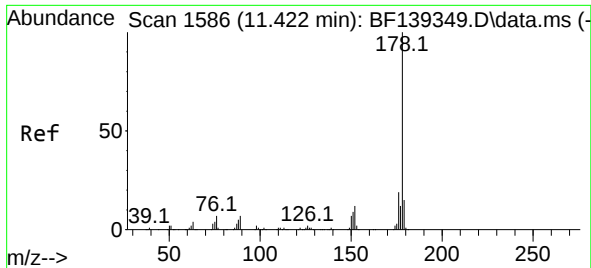
Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Tgt Ion:266 Resp: 179434
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 62.8 51.4 77.0





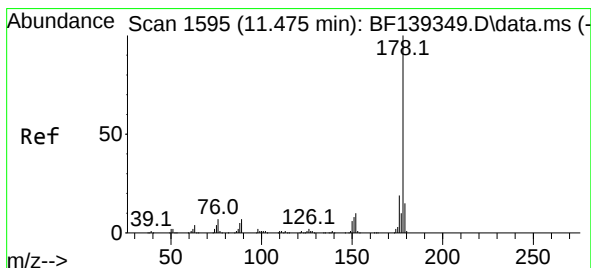
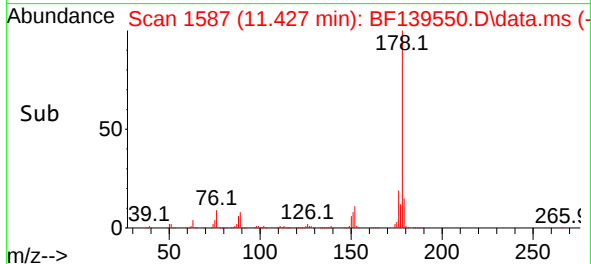
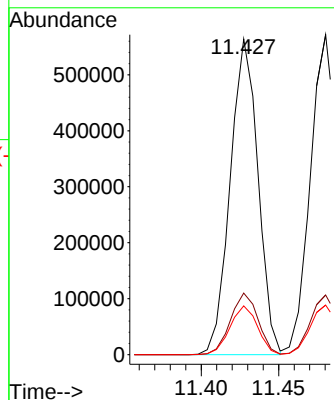
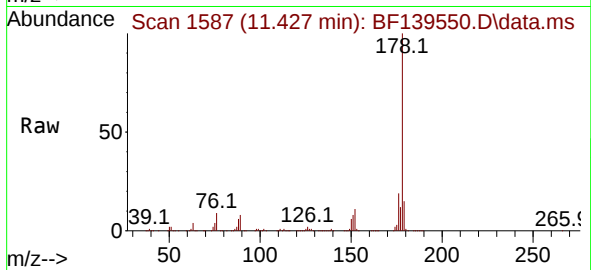
#71
Phenanthrene
Concen: 53.255 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :
BNA_F
ClientSampleId :
PB163677BS

Tgt Ion:178 Resp: 703100
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.4 12.2 18.4

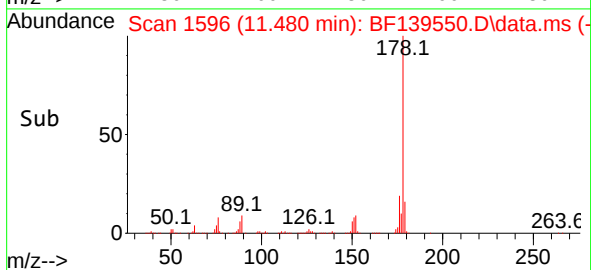
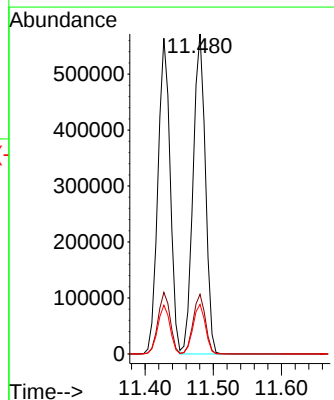
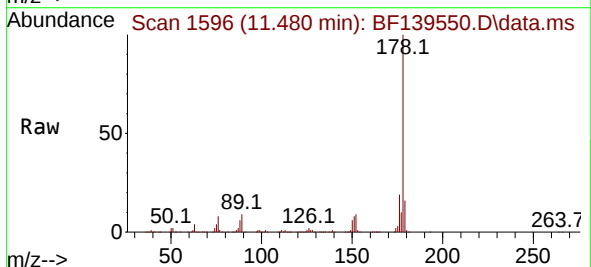
Manual Integrations
APPROVED

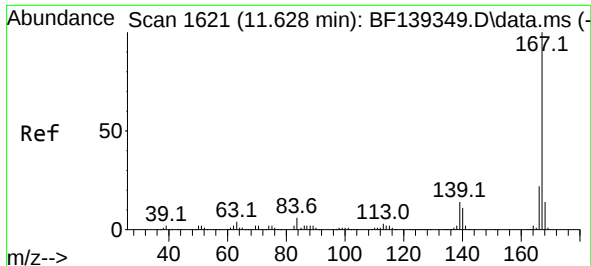
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#72
Anthracene
Concen: 55.205 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

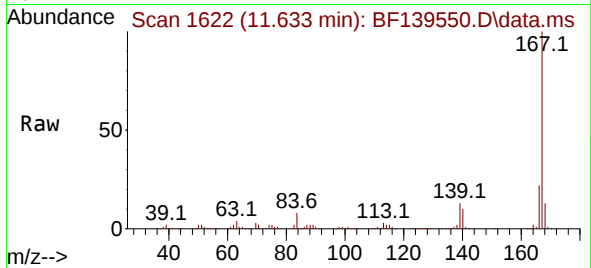
Tgt Ion:178 Resp: 712603
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.5 12.0 18.0





#73
 Carbazole
 Concen: 49.256 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139550.D
 Acq: 26 Sep 2024 16:27

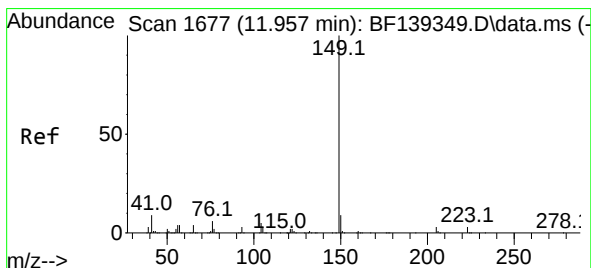
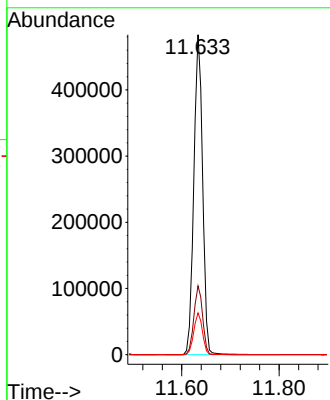
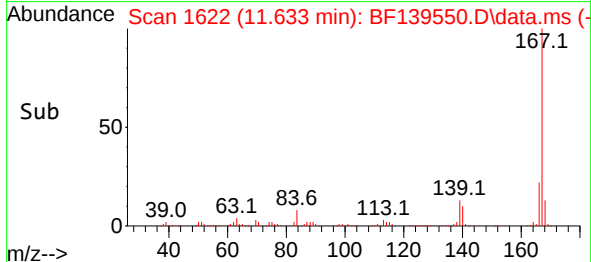
Instrument :
 BNA_F
 ClientSampleId :
 PB163677BS



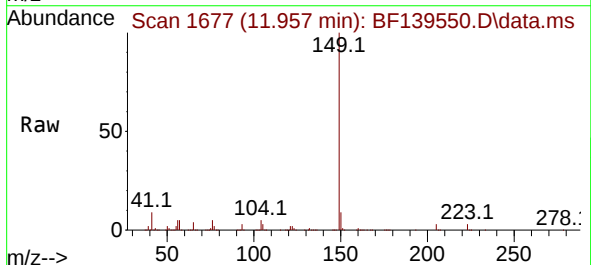
Tgt Ion:167 Resp: 608538
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 13.0 10.9 16.3

Manual Integrations
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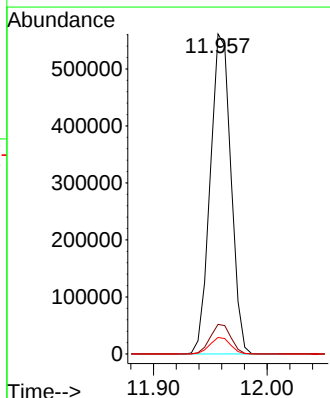
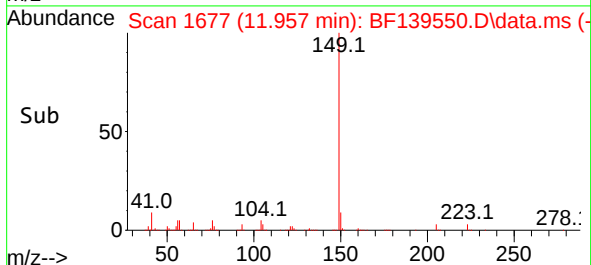
Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024

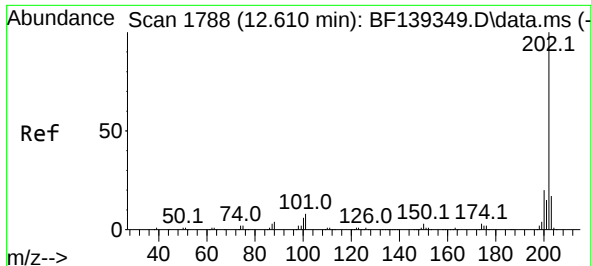


#74
 Di-n-butylphthalate
 Concen: 51.598 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139550.D
 Acq: 26 Sep 2024 16:27



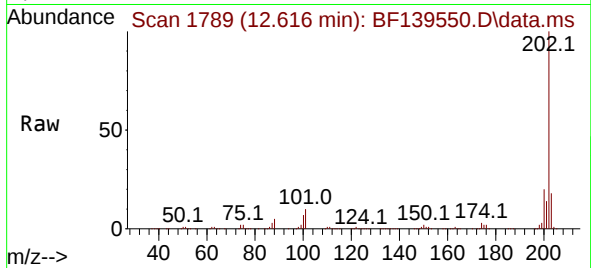
Tgt Ion:149 Resp: 710117
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.2 4.3 6.5





#75
Fluoranthene
Concen: 45.908 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

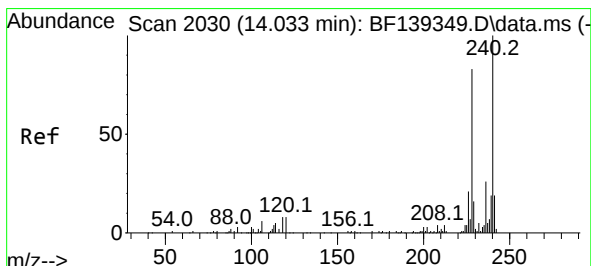
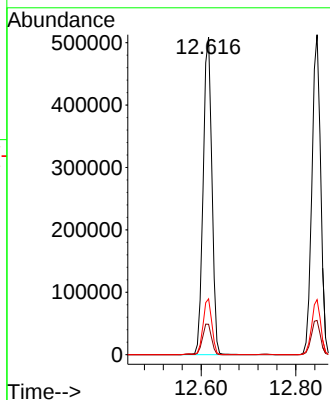
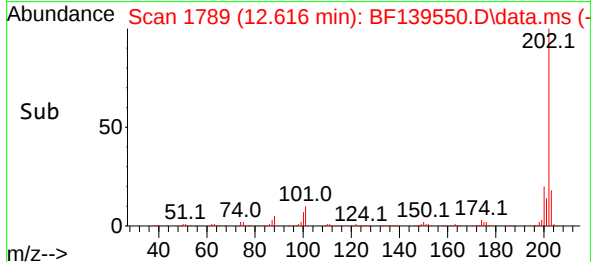
Instrument :
BNA_F
ClientSampleId :
PB163677BS



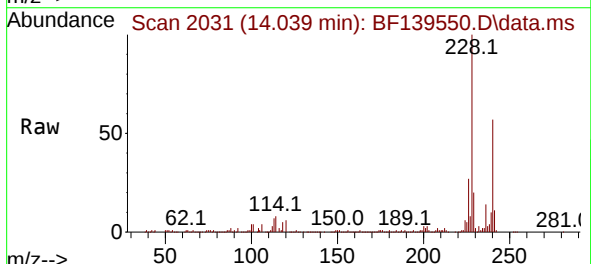
Tgt Ion:202 Resp: 647259
Ion Ratio Lower Upper
202 100
101 9.6 0.0 27.7
203 17.6 0.0 37.4

Manual Integrations
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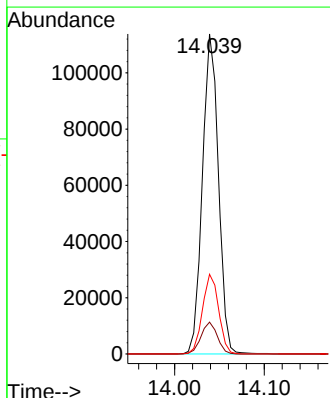
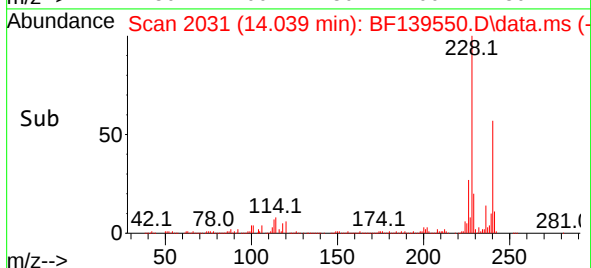
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

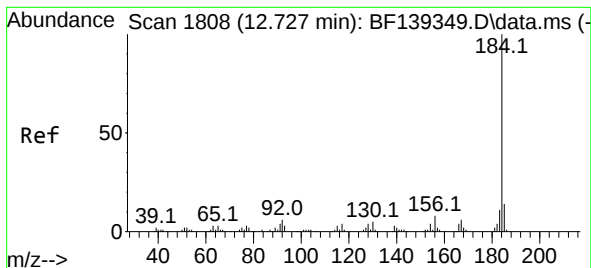


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



Tgt Ion:240 Resp: 141027
Ion Ratio Lower Upper
240 100
120 10.0 6.2 9.2#
236 24.9 20.9 31.3





#77

Benzidine

Concen: 108.851 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.012 min

Lab File: BF139550.D

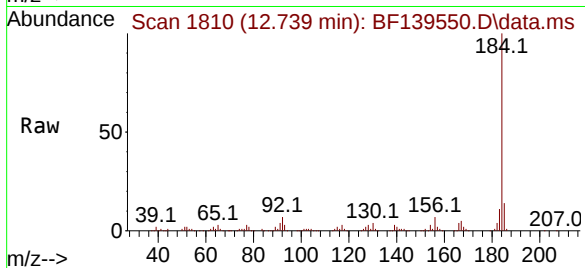
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS



Tgt Ion:184 Resp: 219934

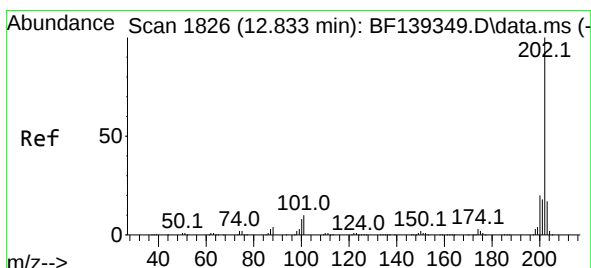
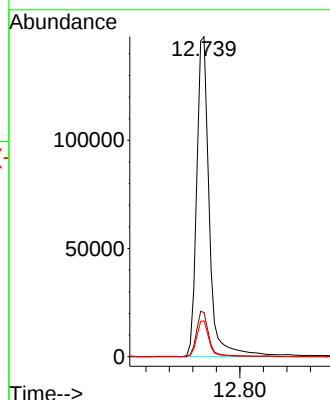
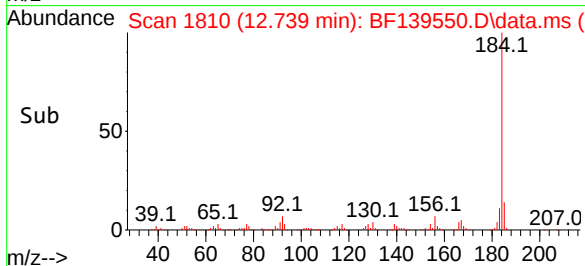
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	11.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#78

Pyrene

Concen: 54.332 ng

RT: 12.845 min Scan# 1828

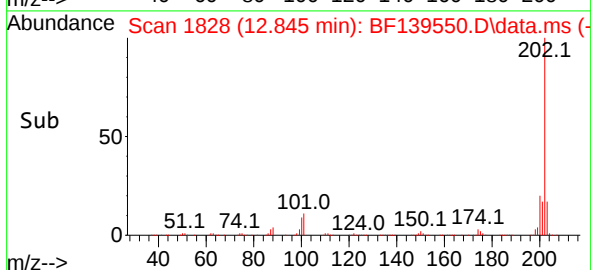
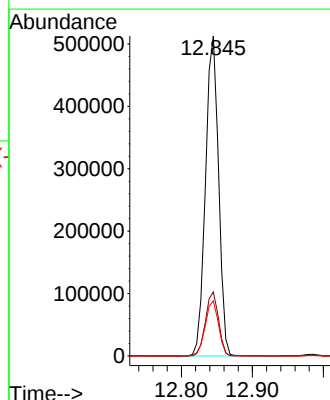
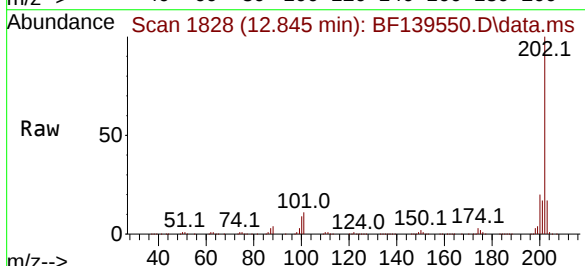
Delta R.T. 0.012 min

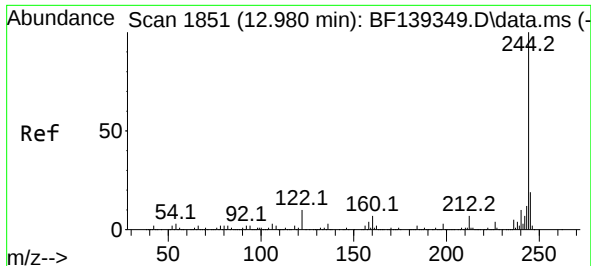
Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Tgt Ion:202 Resp: 657905

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.2	24.2
203	17.2	13.9	20.9





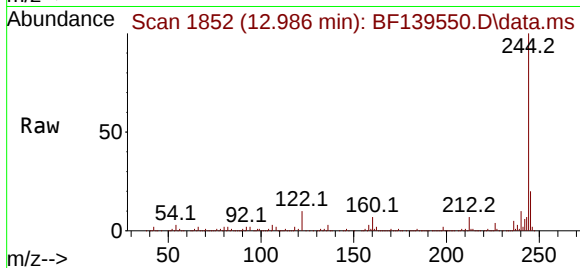
#79
 Terphenyl-d14
 Concen: 98.229 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF139550.D
 Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

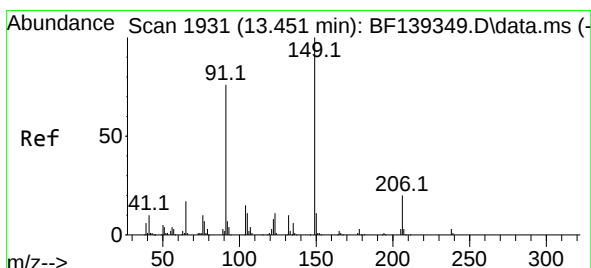
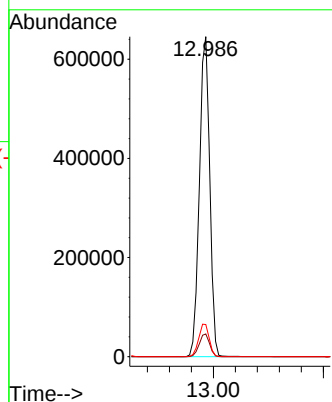
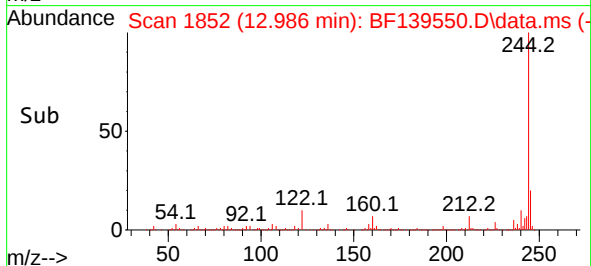


Tgt Ion:244 Resp: 84397
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.1 7.6 11.4

Manual Integrations

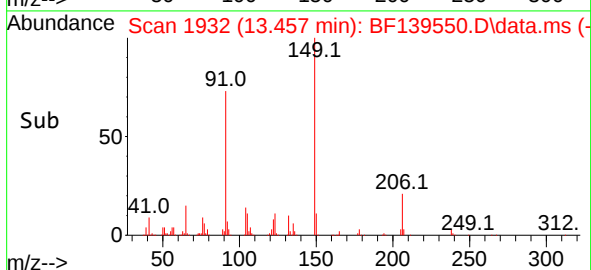
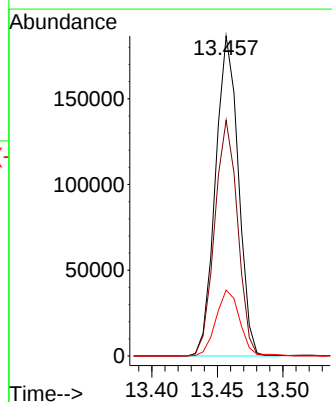
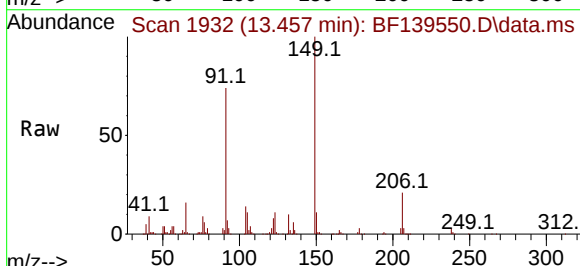
APPROVED

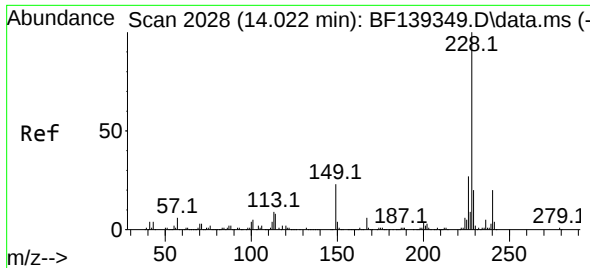
Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024



#80
 Butylbenzylphthalate
 Concen: 54.920 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139550.D
 Acq: 26 Sep 2024 16:27

Tgt Ion:149 Resp: 226361
 Ion Ratio Lower Upper
 149 100
 91 73.6 60.9 91.3
 206 20.6 15.8 23.8





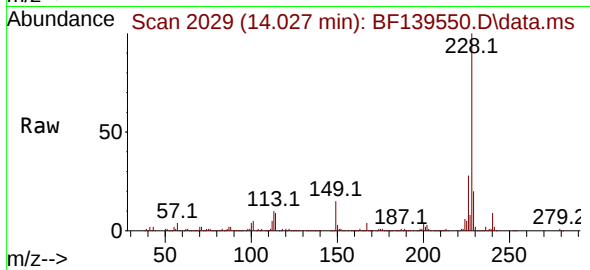
#81
Benzo(a)anthracene
Concen: 52.811 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

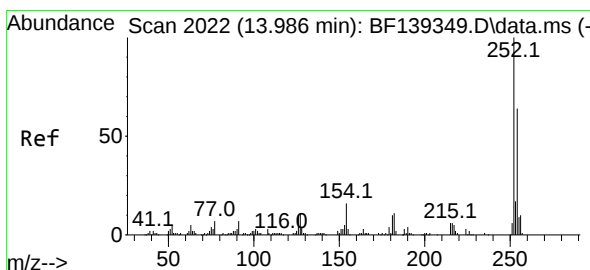
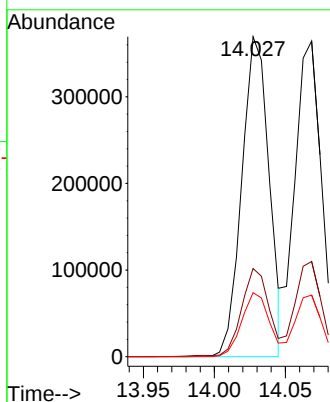
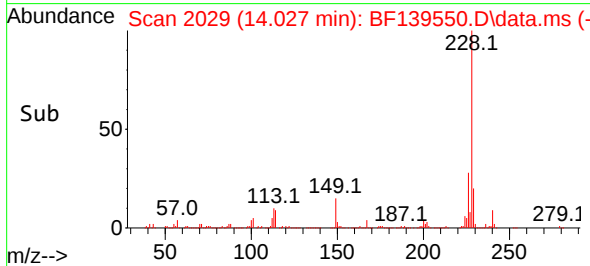


Tgt Ion:228 Resp: 49334
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 20.0 15.7 23.5

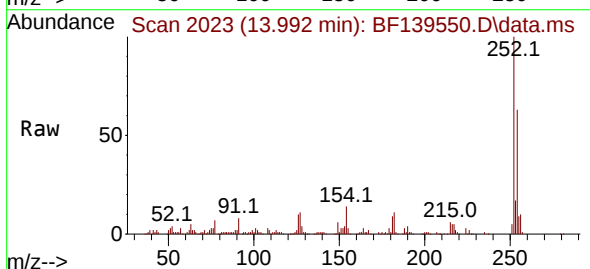
Manual Integrations

APPROVED

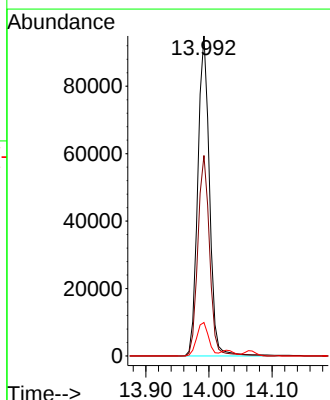
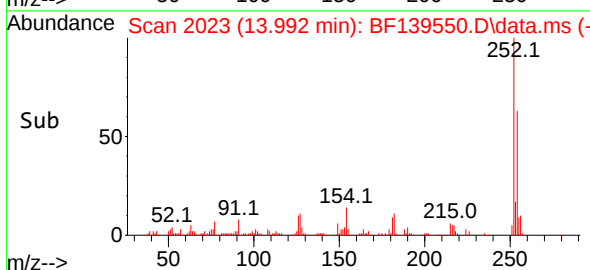
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

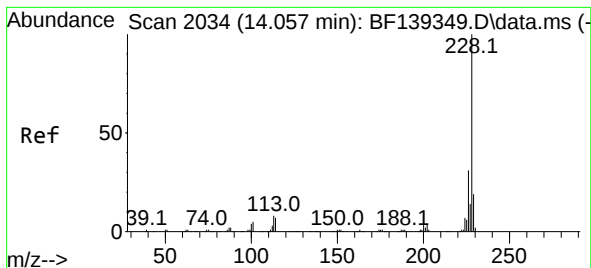


#82
3,3'-Dichlorobenzidine
Concen: 44.555 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



Tgt Ion:252 Resp: 121888
Ion Ratio Lower Upper
252 100
254 62.6 51.4 77.2
126 10.4 7.7 11.5





#83

Chrysene

Concen: 55.058 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

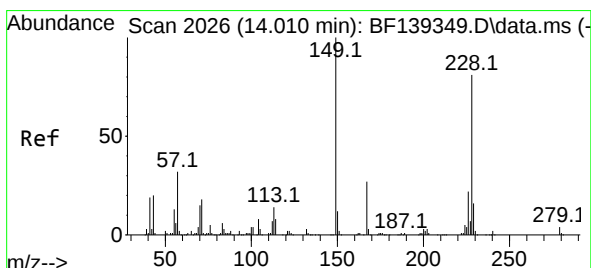
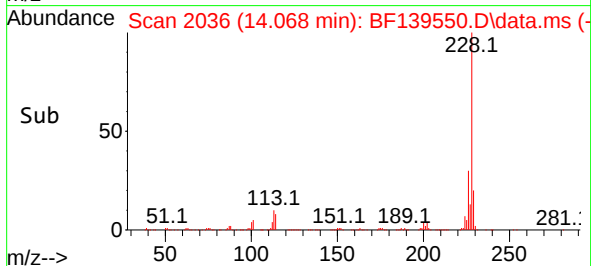
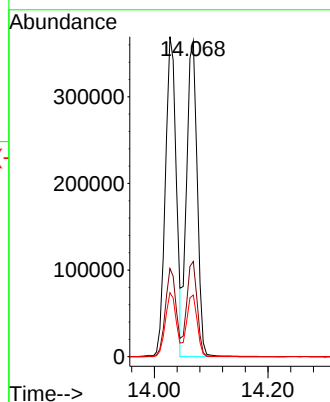
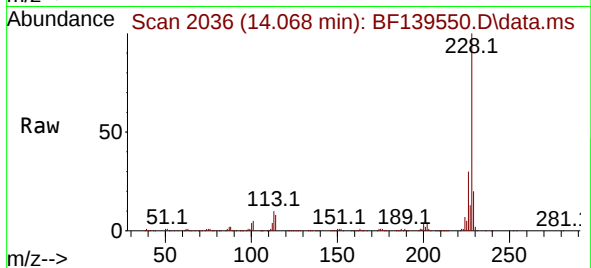
Tgt Ion:	228	Resp:	473184
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	19.5	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.759 ng

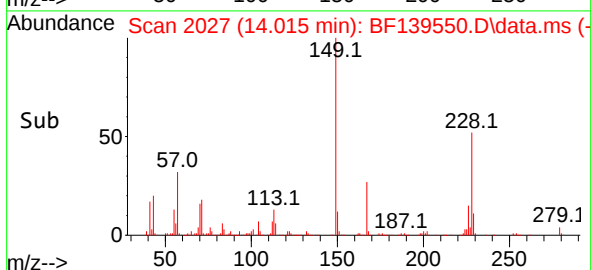
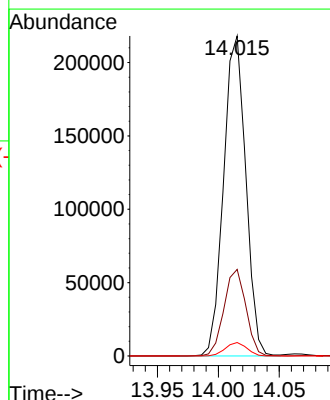
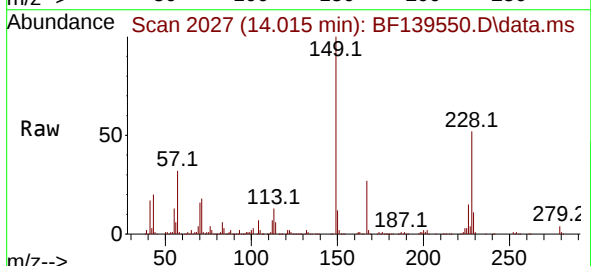
RT: 14.015 min Scan# 2027

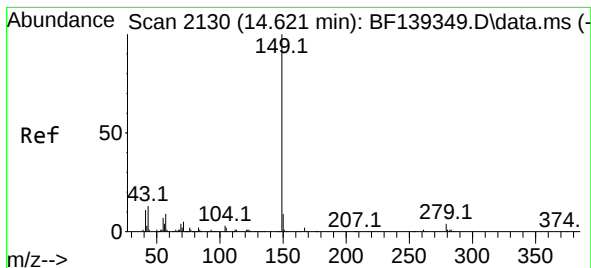
Delta R.T. 0.006 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Tgt Ion:	149	Resp:	276633
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.6	32.4
279	4.2	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 60.001 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139550.D

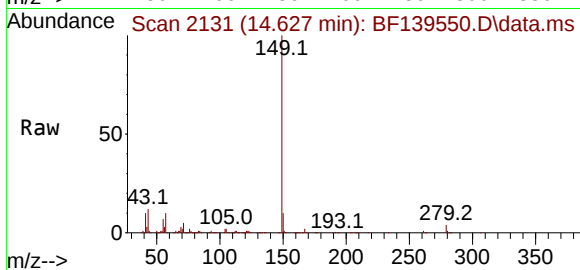
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS



Tgt Ion:149 Resp: 46332

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

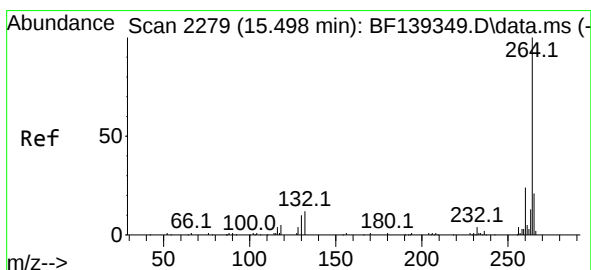
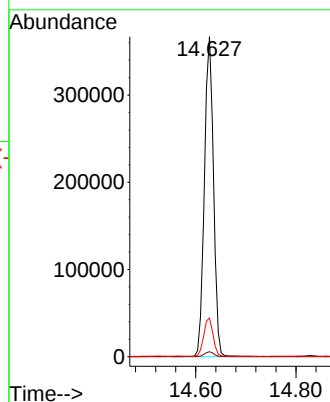
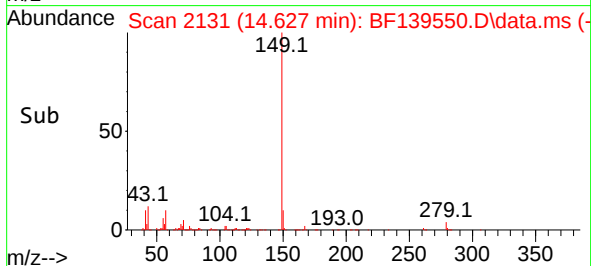
43 12.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

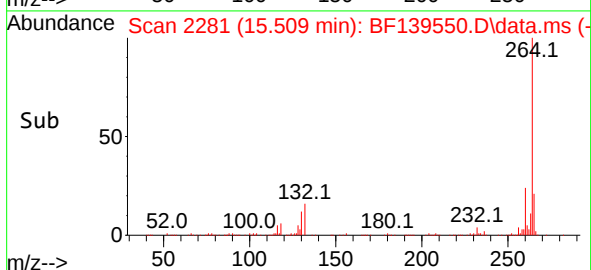
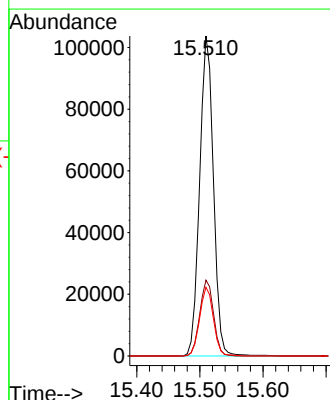
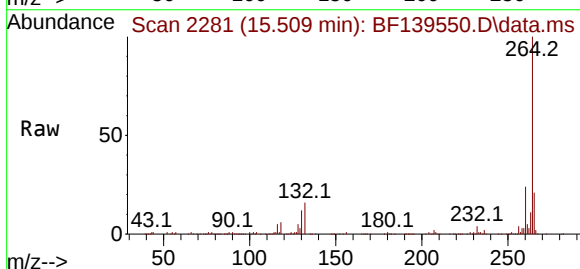
Tgt Ion:264 Resp: 157414

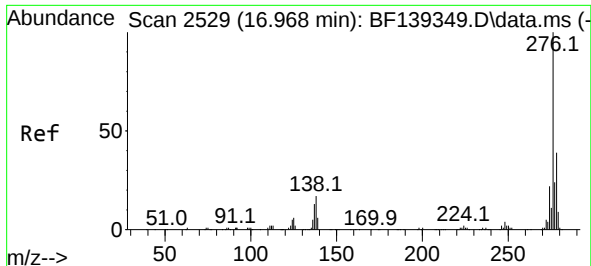
Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.4 16.6 25.0





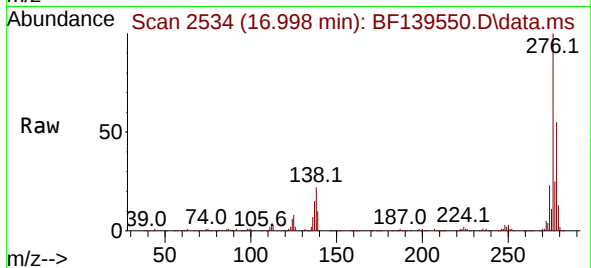
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.007 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

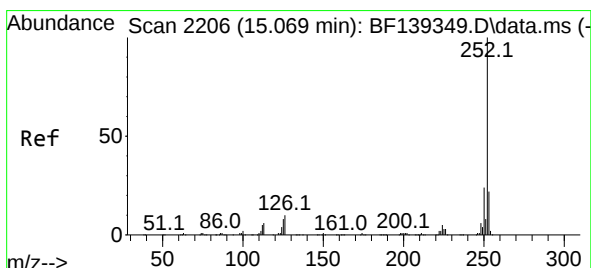
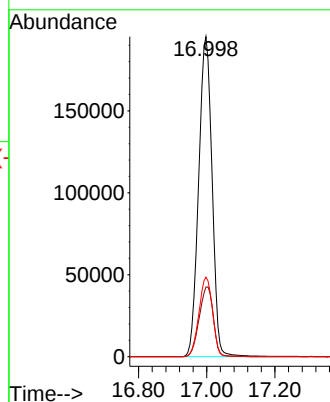
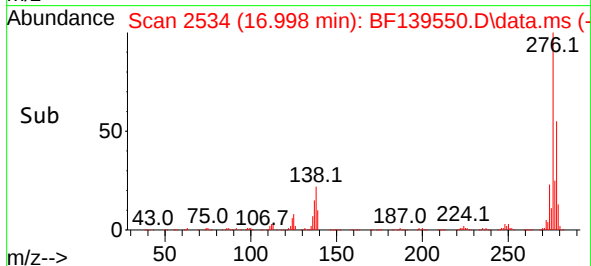


Tgt Ion:276 Resp: 53360
Ion Ratio Lower Upper
276 100
138 22.9 15.4 23.2
277 25.3 20.4 30.6

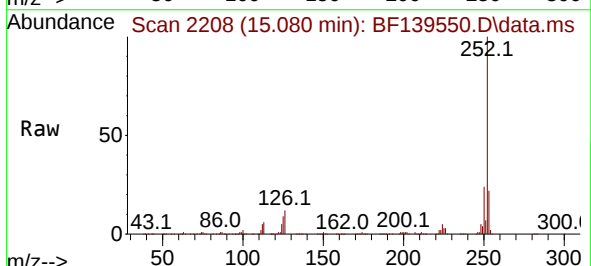
Manual Integrations

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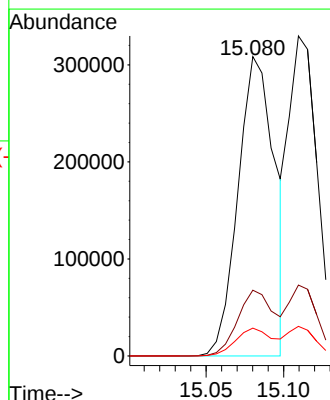
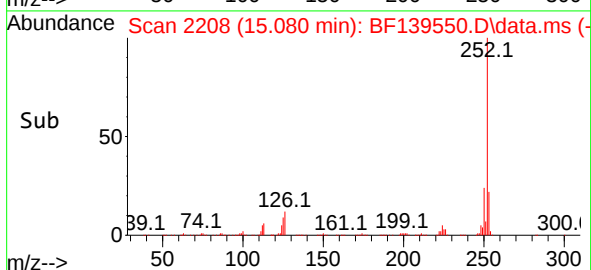
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

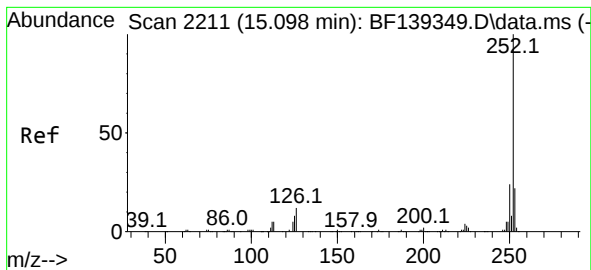


#88
Benzo(b)fluoranthene
Concen: 52.198 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



Tgt Ion:252 Resp: 506753
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.3 6.2 9.2#





#89

Benzo(k)fluoranthene

Concen: 47.634 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

Instrument :

BNA_F

ClientSampleId :

PB163677BS

Tgt Ion:252 Resp: 426384

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

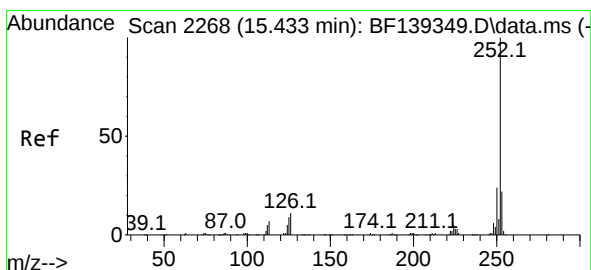
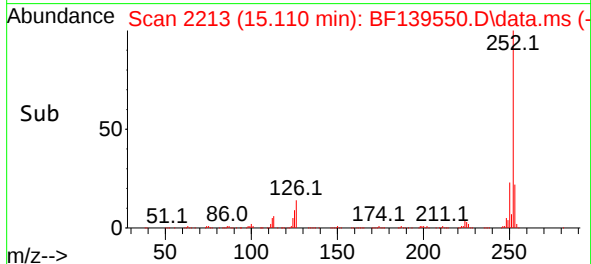
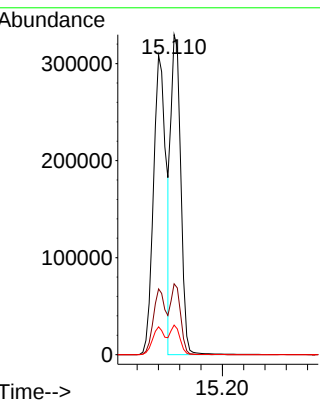
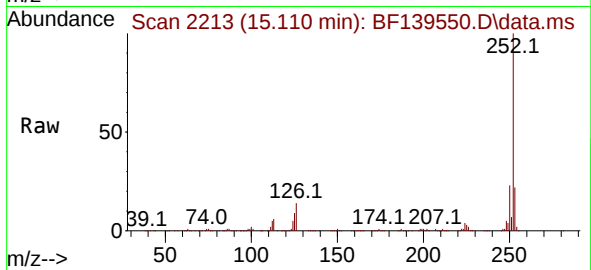
125 9.3 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/28/2024

Supervised By :mohammad ahmed 09/28/2024



#90

Benzo(a)pyrene

Concen: 57.040 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.017 min

Lab File: BF139550.D

Acq: 26 Sep 2024 16:27

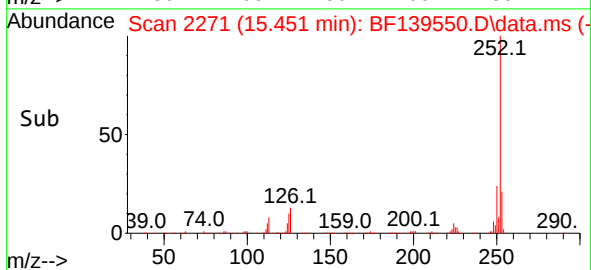
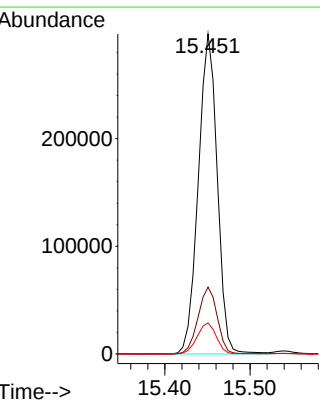
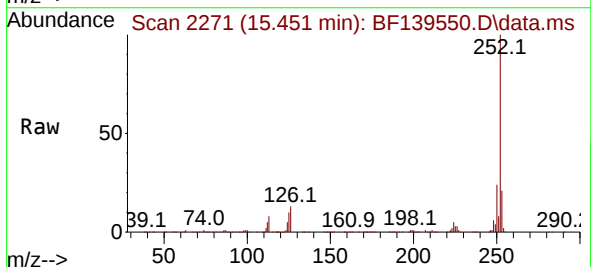
Tgt Ion:252 Resp: 459262

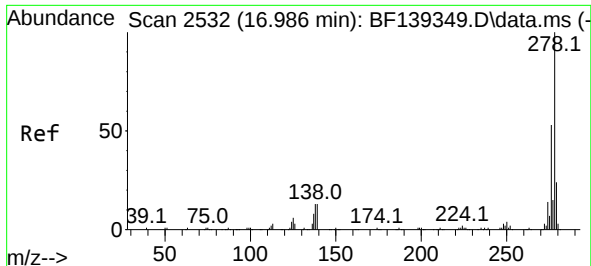
Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

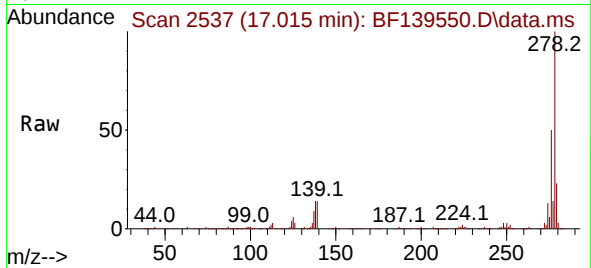
125 9.7 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 55.983 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27

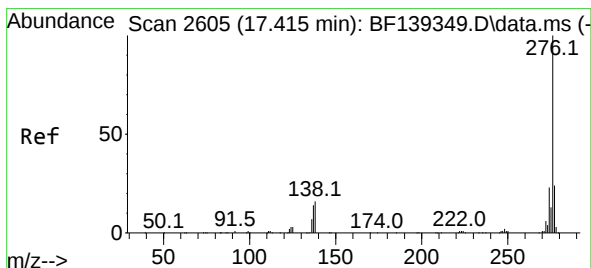
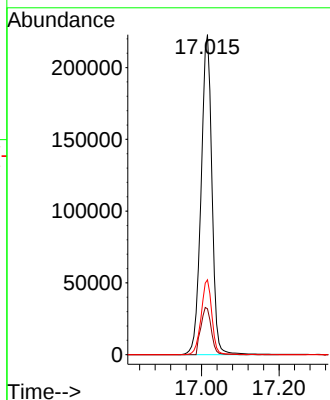
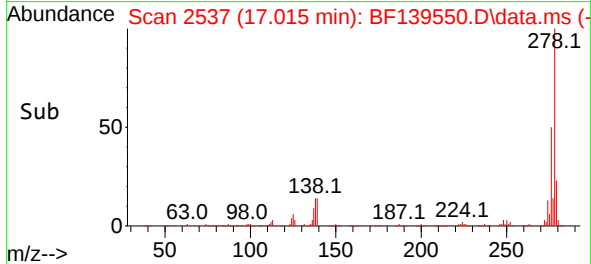
Instrument :
BNA_F
ClientSampleId :
PB163677BS



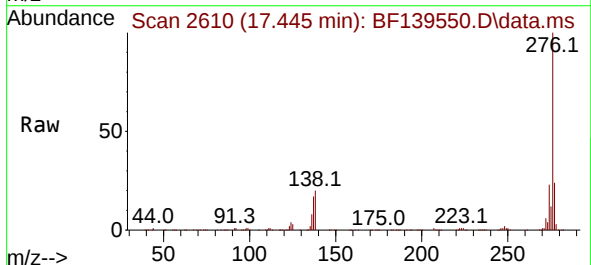
Tgt Ion:278 Resp: 43300
Ion Ratio Lower Upper
278 100
139 14.4 10.2 15.2
279 23.4 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024



#92
Benzo(g,h,i)perylene
Concen: 51.871 ng
RT: 17.445 min Scan# 2610
Delta R.T. 0.029 min
Lab File: BF139550.D
Acq: 26 Sep 2024 16:27



Tgt Ion:276 Resp: 397246
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 20.1 13.0 19.6#

