

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
 Data File : BF139115.D
 Acq On : 22 Aug 2024 11:23
 Operator : RC/JU
 Sample : PB162687BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162687BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 22 11:56:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	97452	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	363464	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	218661	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	399434	20.000	ng	0.00
76) Chrysene-d12	14.062	240	238276	20.000	ng	0.00
86) Perylene-d12	15.539	264	208759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	835355	131.881	ng	0.02
7) Phenol-d6	6.528	99	1084147	132.463	ng	0.00
23) Nitrobenzene-d5	7.463	82	717419	115.015	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	327576	165.484	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1253676	90.967	ng	0.00
79) Terphenyl-d14	13.010	244	1574760	109.662	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	103826	38.216	ng	100
3) Pyridine	3.534	79	289166	41.885	ng	99
4) n-Nitrosodimethylamine	3.493	42	184776	44.305	ng	99
6) Aniline	6.563	93	356471	48.246	ng	99
8) 2-Chlorophenol	6.681	128	298414	48.981	ng	98
9) Benzaldehyde	6.451	77	216589	45.121	ng	98
10) Phenol	6.539	94	412363	48.422	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	298935	43.650	ng	99
12) 1,3-Dichlorobenzene	6.839	146	323516	44.166	ng	100
13) 1,4-Dichlorobenzene	6.916	146	332168	45.354	ng	99
14) 1,2-Dichlorobenzene	7.069	146	317904	47.494	ng	99
15) Benzyl Alcohol	7.039	79	321752	49.740	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	451888	46.842	ng	99
17) 2-Methylphenol	7.145	107	252378	48.422	ng	99
18) Hexachloroethane	7.410	117	117814	45.874	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	247354	46.021	ng	100
20) 3+4-Methylphenols	7.304	107	326789	48.392	ng	# 84
22) Acetophenone	7.310	105	438849	47.288	ng	97
24) Nitrobenzene	7.481	77	366386	52.845	ng	100
25) Isophorone	7.722	82	652949	49.250	ng	99
26) 2-Nitrophenol	7.798	139	141212	57.194	ng	98
27) 2,4-Dimethylphenol	7.833	122	243693	57.965	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	358964	46.338	ng	99
29) 2,4-Dichlorophenol	8.033	162	255408	48.765	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	271601	44.286	ng	99
31) Naphthalene	8.204	128	862166	46.810	ng	100
32) Benzoic acid	7.951	122	178909	50.562	ng	98
33) 4-Chloroaniline	8.245	127	130774	20.732	ng	99
34) Hexachlorobutadiene	8.322	225	183789	45.876	ng	99
35) Caprolactam	8.622	113	84972m	51.172	ng	
36) 4-Chloro-3-methylphenol	8.728	107	291823	50.321	ng	99
37) 2-Methylnaphthalene	8.892	142	563377	47.687	ng	99
38) 1-Methylnaphthalene	8.992	142	525756	46.111	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	281590	47.285	ng	97
41) Hexachlorocyclopentadiene	9.045	237	392824	170.735	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	200033	49.515	ng	100

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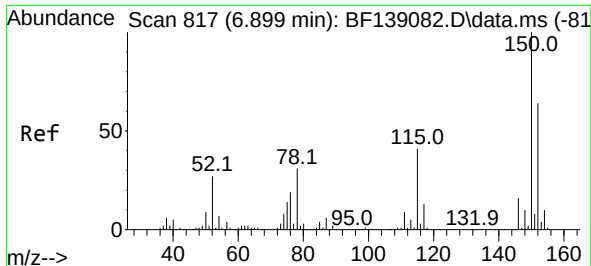
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	205552	49.570	ng	99
46) 1,1'-Biphenyl	9.357	154	710519	47.435	ng	100
47) 2-Chloronaphthalene	9.386	162	545876	44.852	ng	100
48) 2-Nitroaniline	9.475	65	195179	55.016	ng	99
49) Acenaphthylene	9.798	152	877994	50.359	ng	100
50) Dimethylphthalate	9.663	163	679541	50.339	ng	99
51) 2,6-Dinitrotoluene	9.722	165	144946	53.011	ng	95
52) Acenaphthene	9.975	154	621493	53.965	ng	100
53) 3-Nitroaniline	9.886	138	91028	34.510	ng	# 98
54) 2,4-Dinitrophenol	9.992	184	153288	107.507	ng	# 53
55) Dibenzofuran	10.145	168	810191	48.434	ng	99
56) 4-Nitrophenol	10.045	139	246256	120.684	ng	98
57) 2,4-Dinitrotoluene	10.122	165	201716	58.103	ng	99
58) Fluorene	10.486	166	640411	47.905	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	182393	54.781	ng	98
60) Diethylphthalate	10.363	149	670922	50.161	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	321178	48.105	ng	98
62) 4-Nitroaniline	10.510	138	146505	52.498	ng	98
63) Azobenzene	10.639	77	732331	49.269	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	99723	62.723	ng	97
66) n-Nitrosodiphenylamine	10.598	169	568498	48.101	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	203507	48.081	ng	97
68) Hexachlorobenzene	11.033	284	217427	47.883	ng	98
69) Atrazine	11.127	200	201642	55.863	ng	100
70) Pentachlorophenol	11.221	266	292567	100.866	ng	99
71) Phenanthrene	11.451	178	974086	47.979	ng	100
72) Anthracene	11.498	178	993587	50.042	ng	100
73) Carbazole	11.651	167	869735	46.910	ng	100
74) Di-n-butylphthalate	11.986	149	1051130	48.894	ng	100
75) Fluoranthene	12.633	202	1009599	46.591	ng	99
77) Benzidine	12.757	184	379943	77.194	ng	99
78) Pyrene	12.863	202	1018817	51.237	ng	100
80) Butylbenzylphthalate	13.486	149	392044	56.989	ng	99
81) Benzo(a)anthracene	14.051	228	762028	48.651	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	149750	34.203	ng	99
83) Chrysene	14.092	228	721616	50.828	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	513359	56.290	ng	99
85) Di-n-octyl phthalate	14.662	149	738010	57.657	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	665388	54.461	ng	99
88) Benzo(b)fluoranthene	15.104	252	649898	47.752	ng	100
89) Benzo(k)fluoranthene	15.139	252	568787	50.179	ng	99
90) Benzo(a)pyrene	15.474	252	568450	52.860	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	552543	55.093	ng	99
92) Benzo(g,h,i)perylene	17.480	276	500508	43.932	ng	99

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



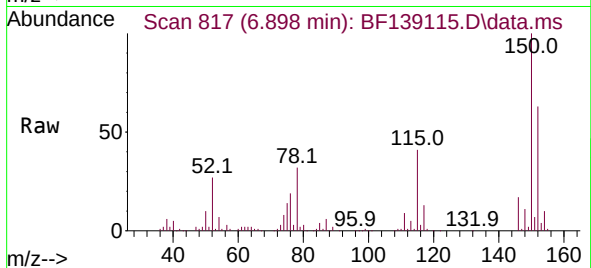
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

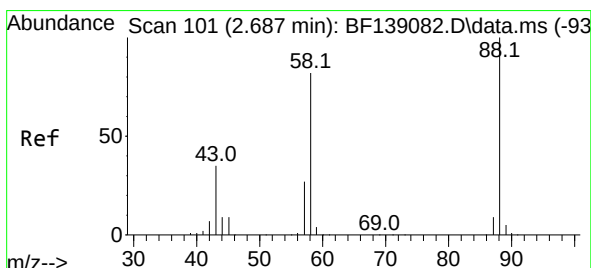
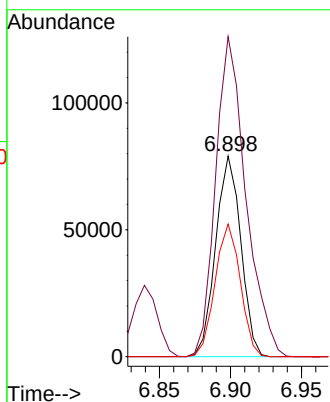
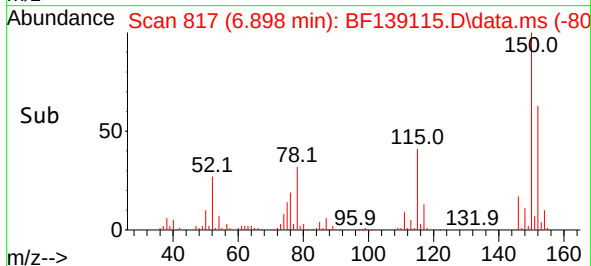


Tgt Ion:152 Resp: 97452
Ion Ratio Lower Upper
152 100
150 159.4 125.1 187.7
115 66.1 51.8 77.6

Manual Integrations

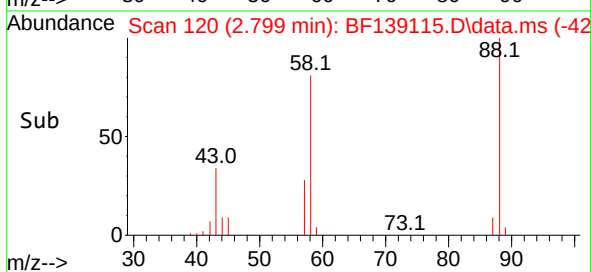
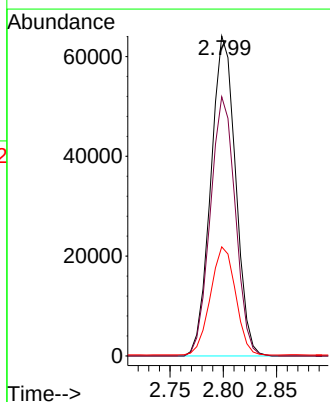
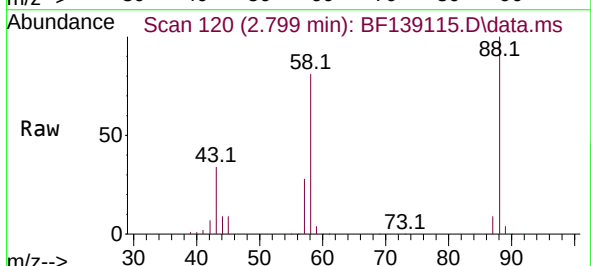
APPROVED

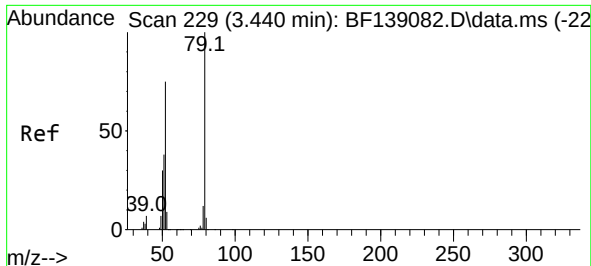
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#2
1,4-Dioxane
Concen: 38.216 ng
RT: 2.799 min Scan# 120
Delta R.T. 0.111 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion: 88 Resp: 103826
Ion Ratio Lower Upper
88 100
58 81.5 65.4 98.0
43 34.4 27.9 41.9





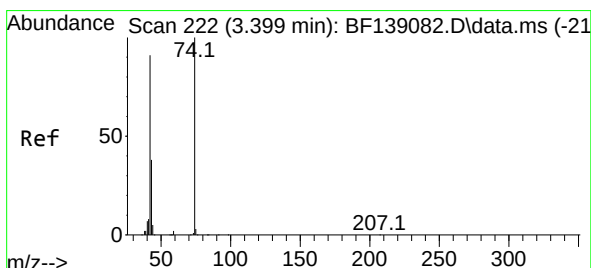
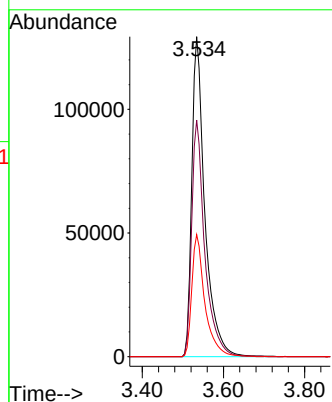
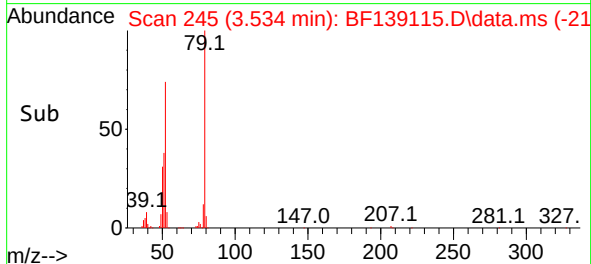
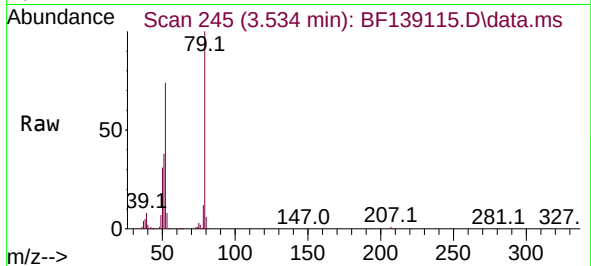
#3
Pyridine
Concen: 41.885 ng
RT: 3.534 min Scan# 24
Delta R.T. 0.094 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB162687BS

Tgt Ion: 79 Resp: 28916
Ion Ratio Lower Upper
79 100
52 74.0 59.7 89.5
51 38.2 30.6 45.8

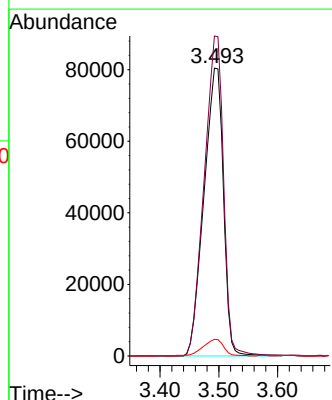
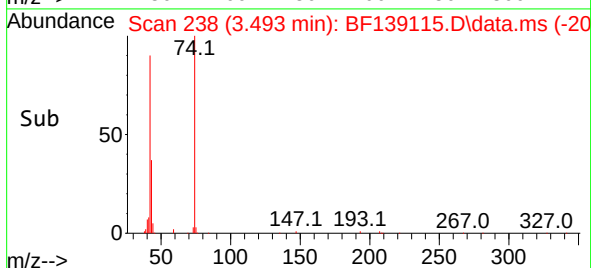
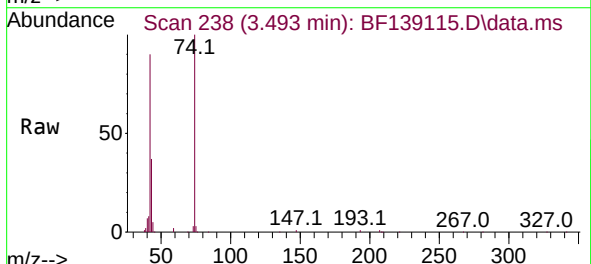
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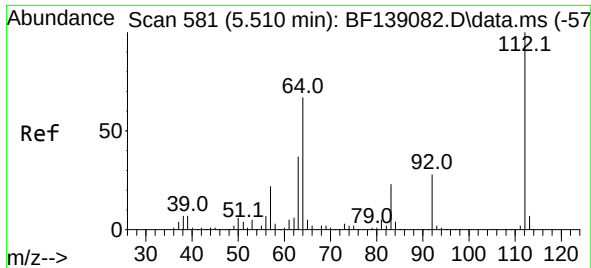
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#4
n-Nitrosodimethylamine
Concen: 44.305 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.094 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion: 42 Resp: 184776
Ion Ratio Lower Upper
42 100
74 111.2 88.2 132.2
44 5.8 5.4 8.0





#5
2-Fluorophenol
Concen: 131.881 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

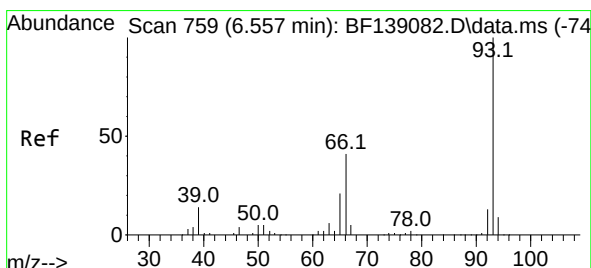
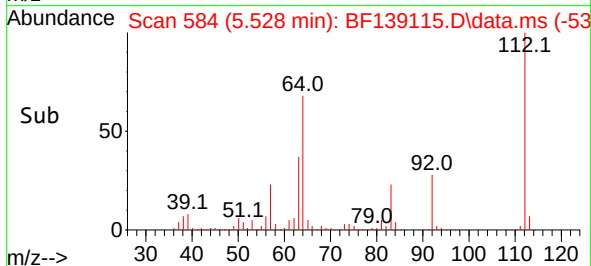
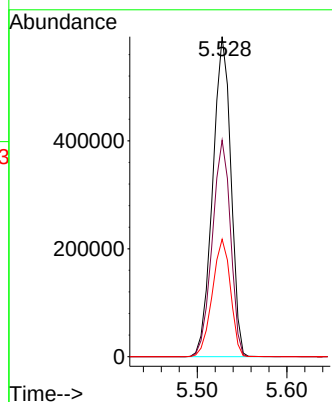
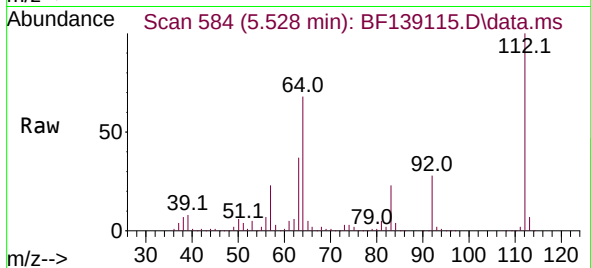
PB162687BS

Tgt Ion:112 Resp: 83535
Ion Ratio Lower Upper
112 100
64 67.7 53.8 80.6
63 36.7 29.4 44.2

Manual Integrations

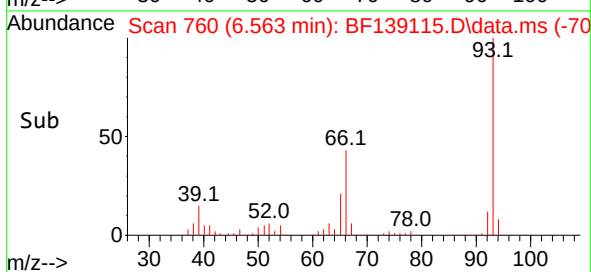
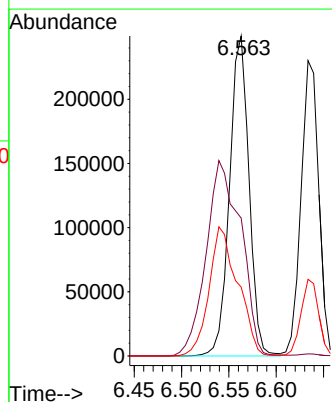
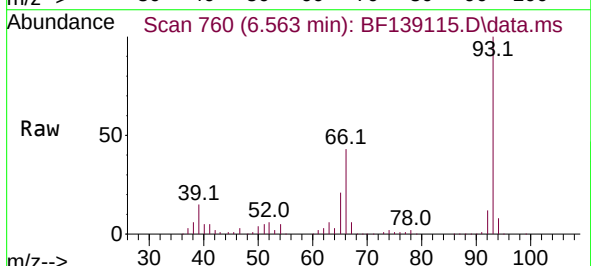
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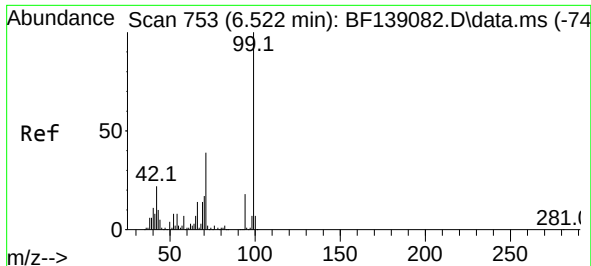
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#6
Aniline
Concen: 48.246 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

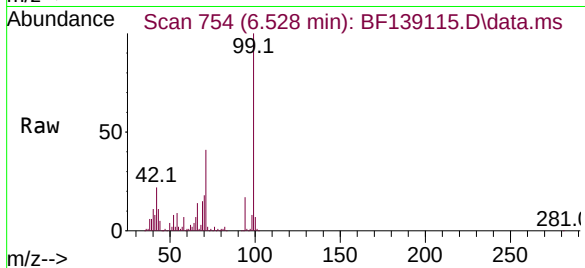
Tgt Ion: 93 Resp: 356471
Ion Ratio Lower Upper
93 100
66 43.1 35.1 52.7
65 21.5 17.4 26.2





#7
Phenol-d6
Concen: 132.463 ng
RT: 6.528 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

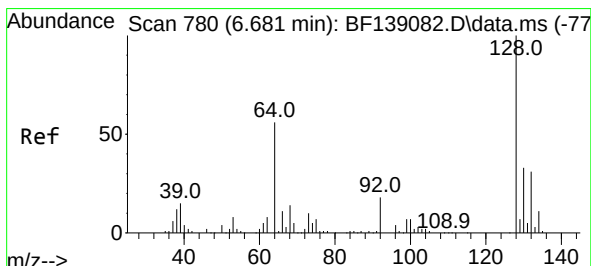
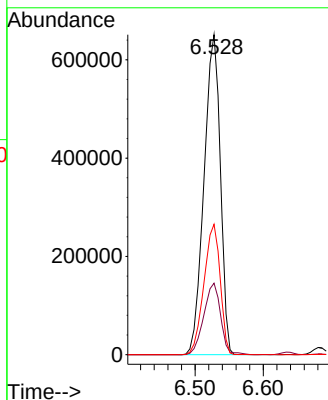
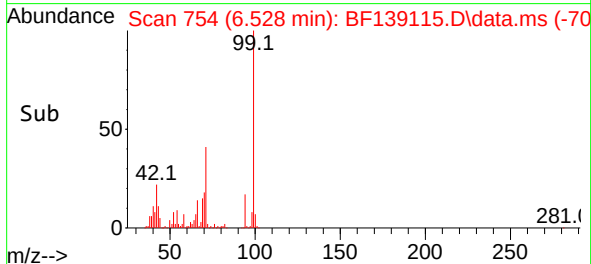
Instrument :
BNA_F
ClientSampleId :
PB162687BS



Tgt Ion: 99 Resp: 108414
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.2
71 40.8 31.2 46.8

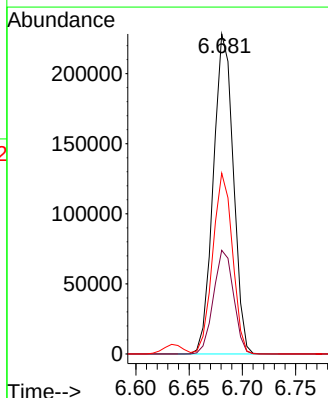
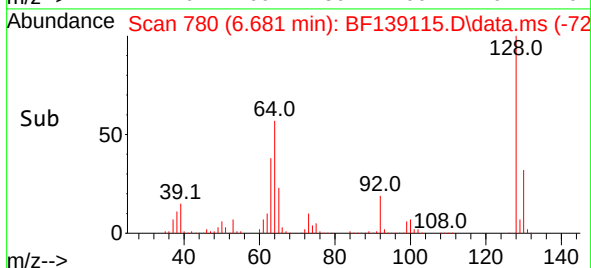
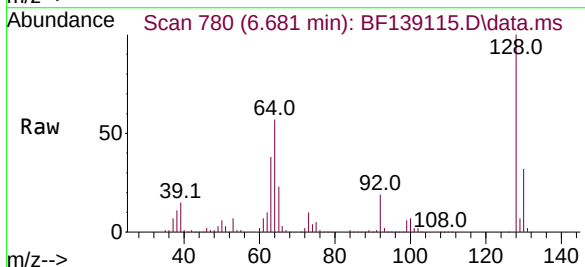
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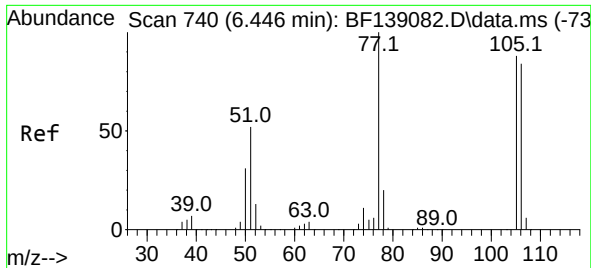
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#8
2-Chlorophenol
Concen: 48.981 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:128 Resp: 298414
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 56.5 39.1 79.1





#9

Benzaldehyde

Concen: 45.121 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.005 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

Tgt Ion: 77 Resp: 216589

Ion Ratio Lower Upper

77 100

105 89.7 68.2 108.2

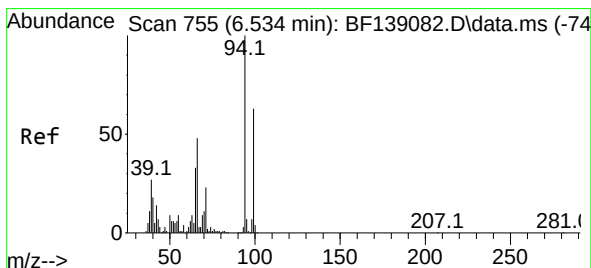
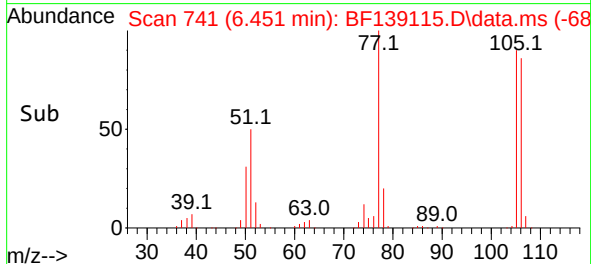
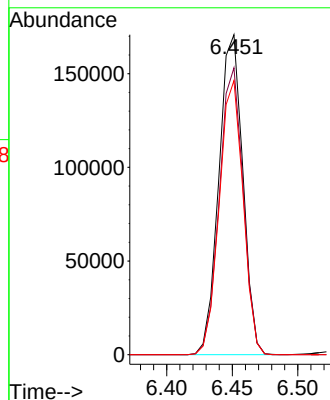
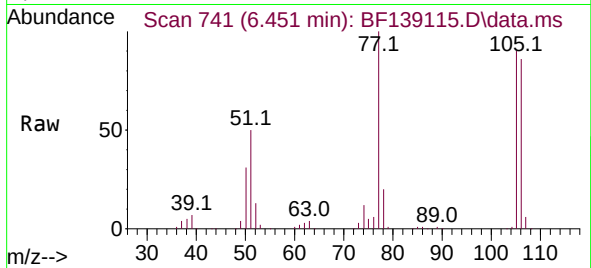
106 85.7 63.8 103.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#10

Phenol

Concen: 48.422 ng

RT: 6.539 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

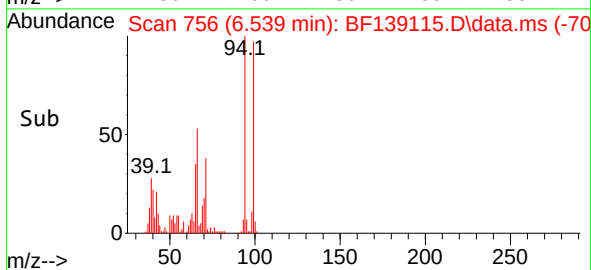
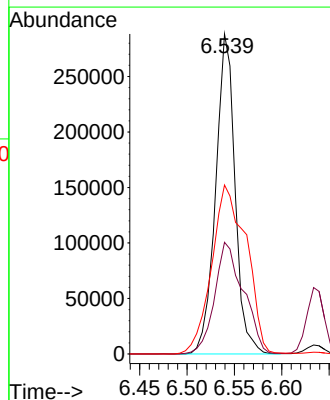
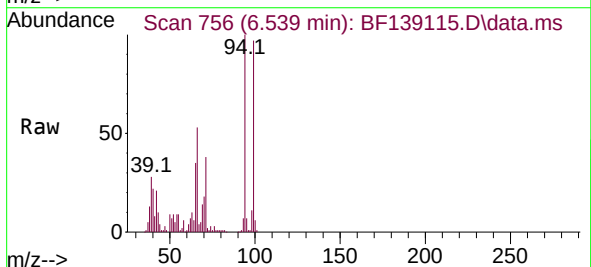
Tgt Ion: 94 Resp: 412363

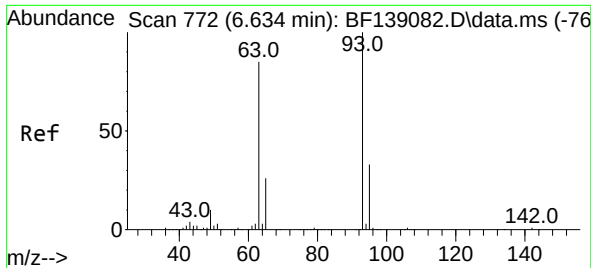
Ion Ratio Lower Upper

94 100

65 34.9 13.5 53.5

66 52.8 28.5 68.5





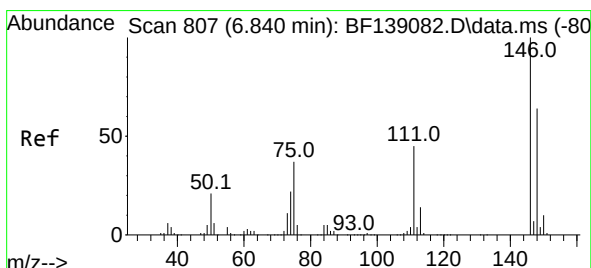
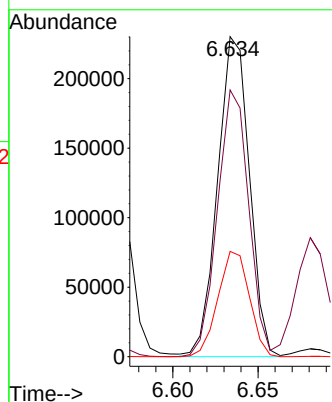
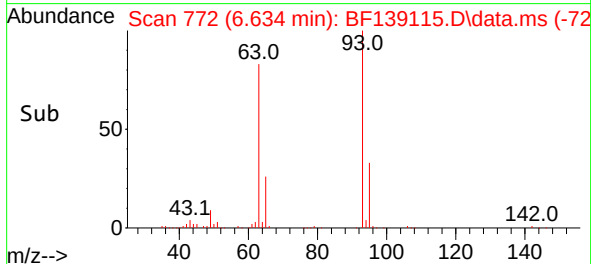
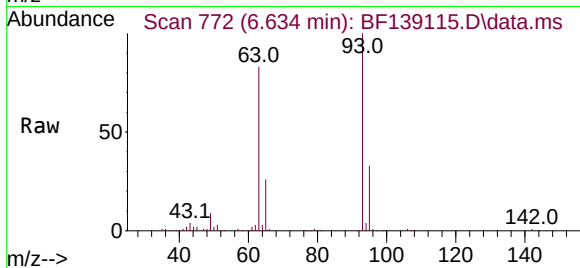
#11
bis(2-Chloroethyl)ether
Concen: 43.650 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB162687BS

Tgt Ion: 93 Resp: 298935
Ion Ratio Lower Upper
93 100
63 83.3 62.7 102.7
95 32.9 11.9 51.9

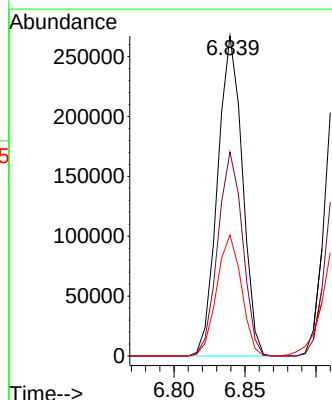
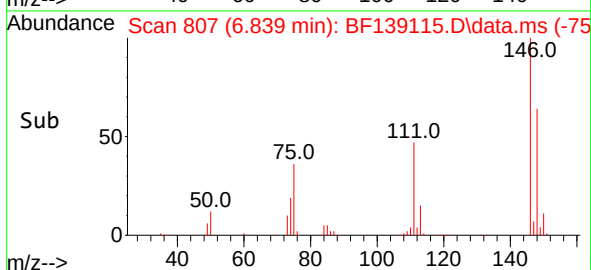
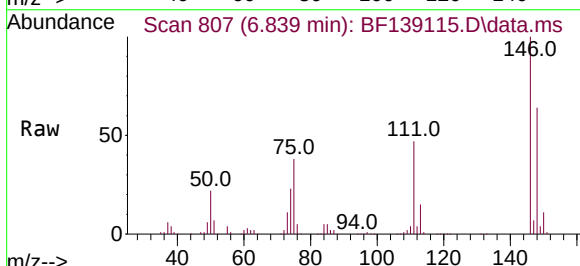
Manual Integrations
APPROVED

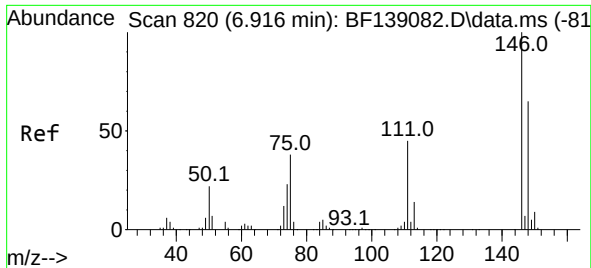
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#12
1,3-Dichlorobenzene
Concen: 44.166 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:146 Resp: 323516
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 37.8 29.9 44.9





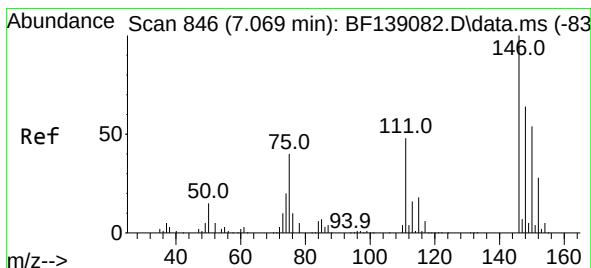
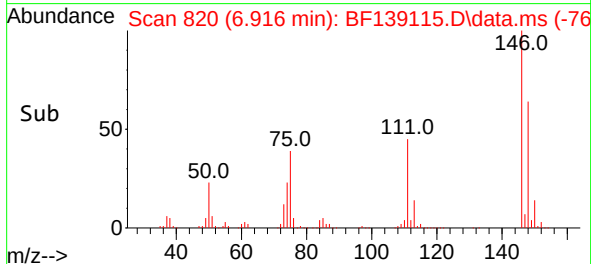
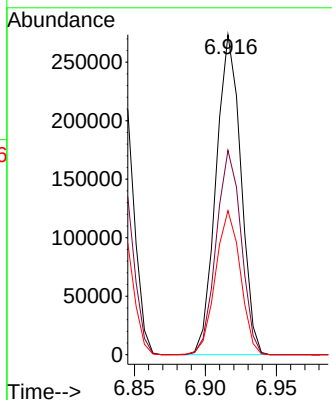
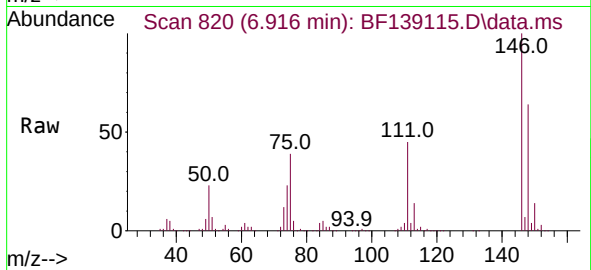
#13
1,4-Dichlorobenzene
Concen: 45.354 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB162687BS

Tgt Ion:146 Resp: 33216
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
111 45.0 35.8 53.6

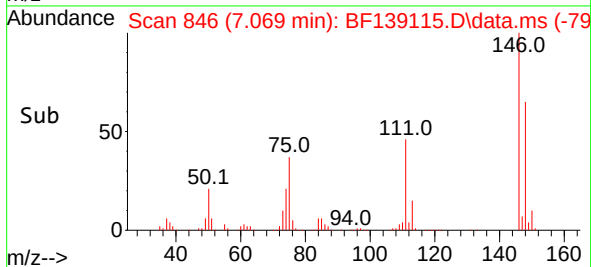
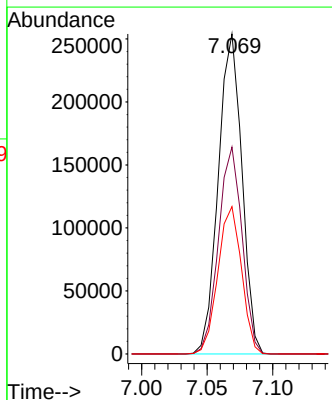
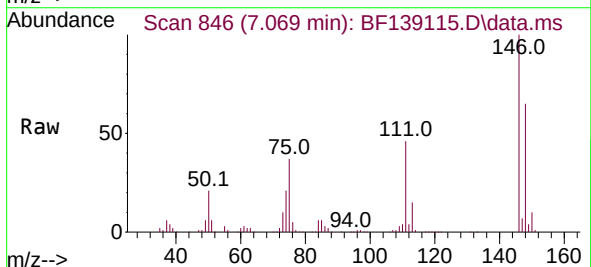
Manual Integrations
APPROVED

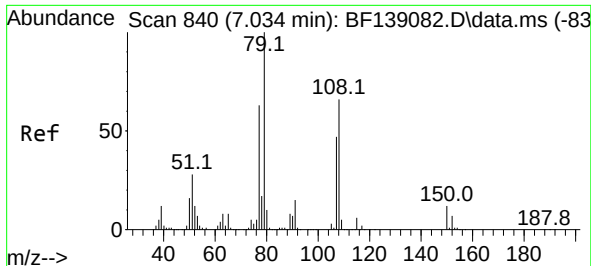
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#14
1,2-Dichlorobenzene
Concen: 47.494 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

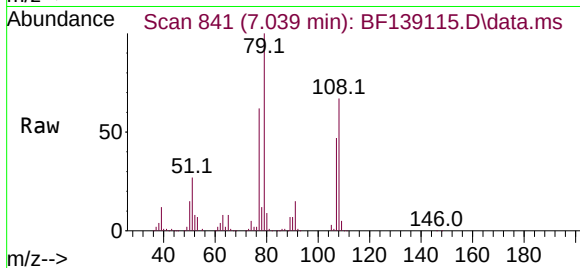
Tgt Ion:146 Resp: 317904
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 46.0 38.1 57.1





#15
Benzyl Alcohol
Concen: 49.740 ng
RT: 7.039 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

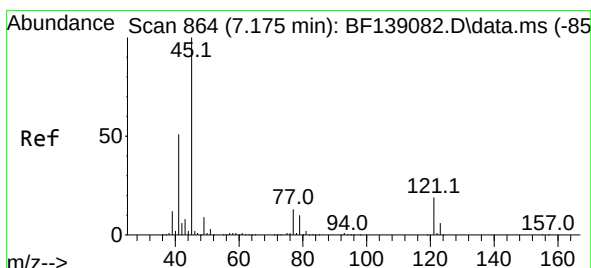
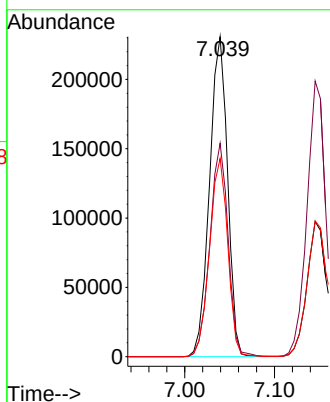
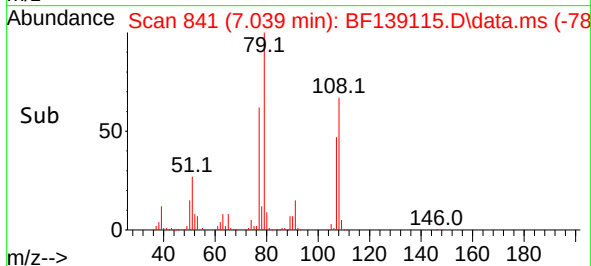
Instrument :
BNA_F
ClientSampleId :
PB162687BS



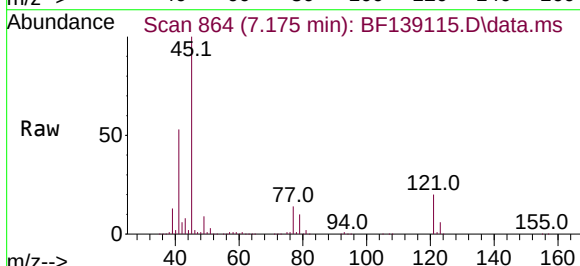
Tgt Ion: 79 Resp: 321752
Ion Ratio Lower Upper
79 100
108 66.7 52.8 79.2
77 62.0 50.6 76.0

Manual Integrations
APPROVED

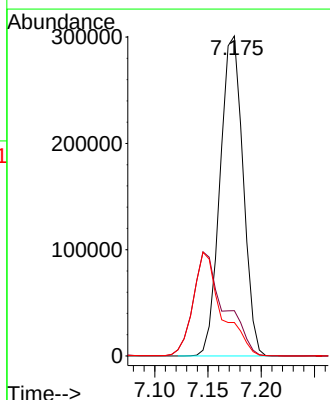
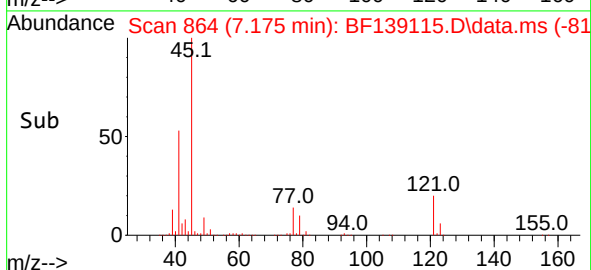
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

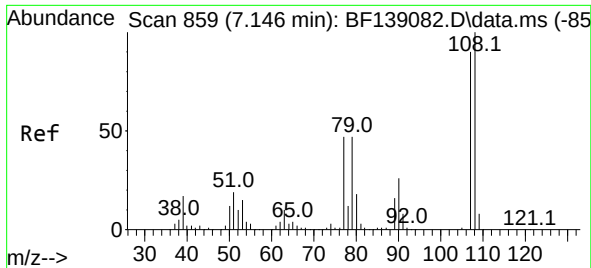


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.842 ng
RT: 7.175 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion: 45 Resp: 451888
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.7
79 10.4 0.0 30.4





#17
2-Methylphenol
Concen: 48.422 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

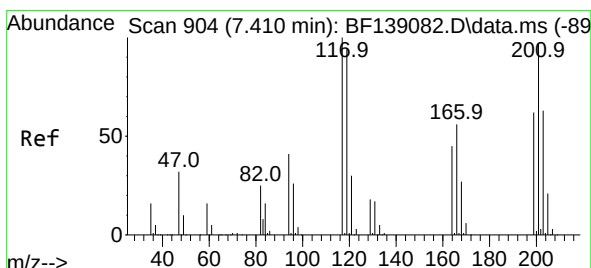
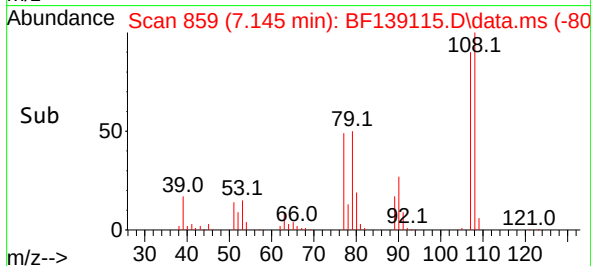
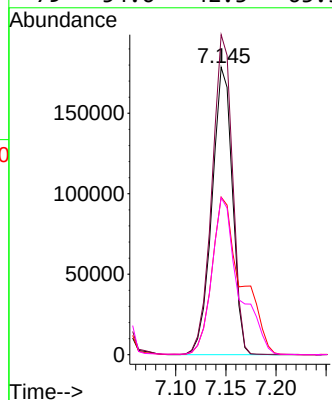
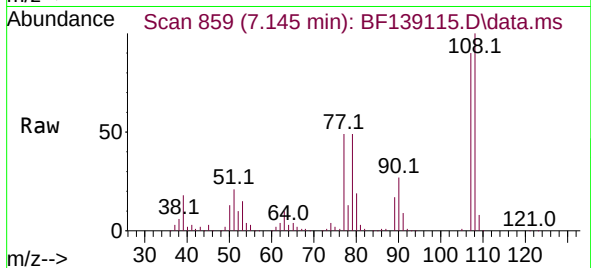
PB162687BS

Tgt Ion:107 Resp: 252378
Ion Ratio Lower Upper
107 100
108 111.4 89.1 133.7
77 54.9 42.1 63.1
79 54.6 42.3 63.5

Manual Integrations

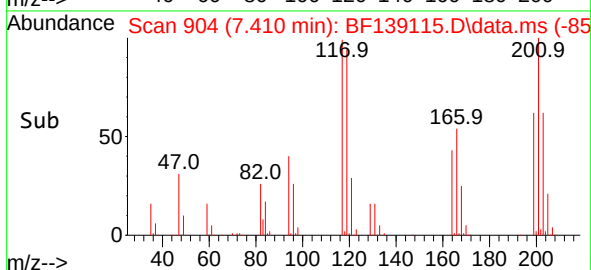
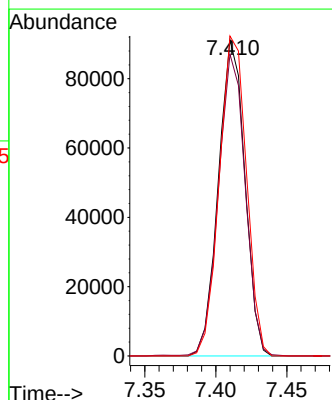
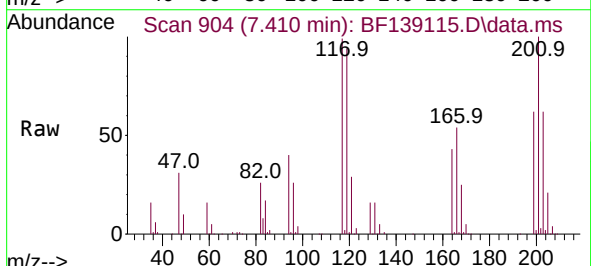
APPROVED

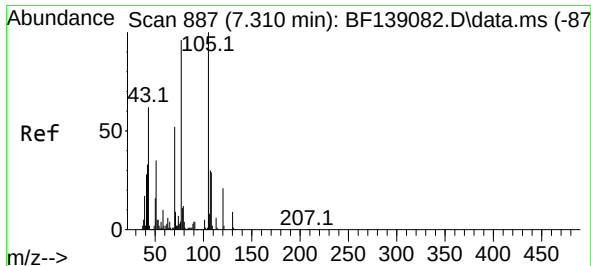
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#18
Hexachloroethane
Concen: 45.874 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

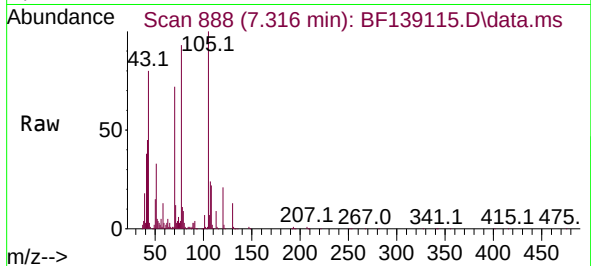
Tgt Ion:117 Resp: 117814
Ion Ratio Lower Upper
117 100
119 95.4 75.5 113.3
201 101.2 77.8 116.8





#19
n-Nitroso-di-n-propylamine
Concen: 46.021 ng
RT: 7.316 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

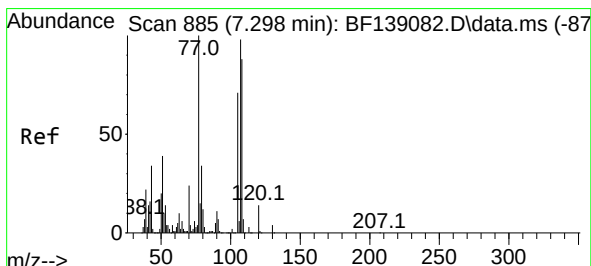
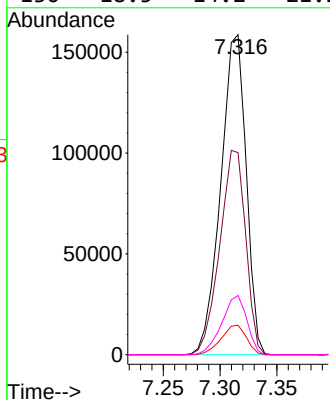
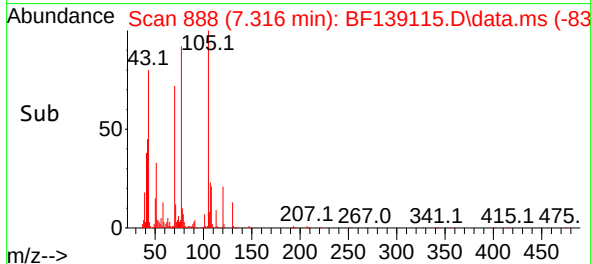
Instrument :
BNA_F
ClientSampleId :
PB162687BS



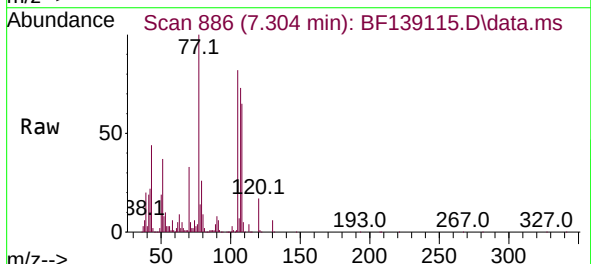
Tgt Ion: 70 Resp: 247354
Ion Ratio Lower Upper
70 100
42 63.2 50.5 75.7
101 9.2 7.2 10.8
130 18.5 14.2 21.2

Manual Integrations
APPROVED

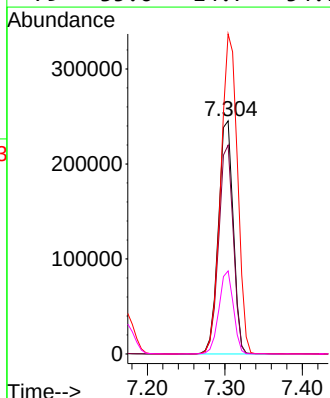
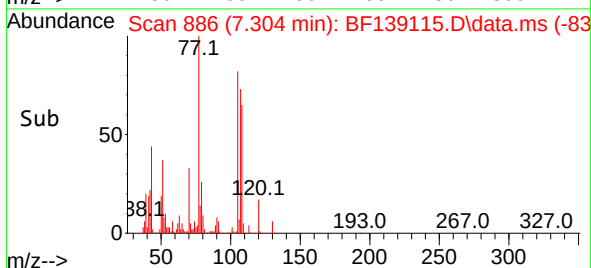
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

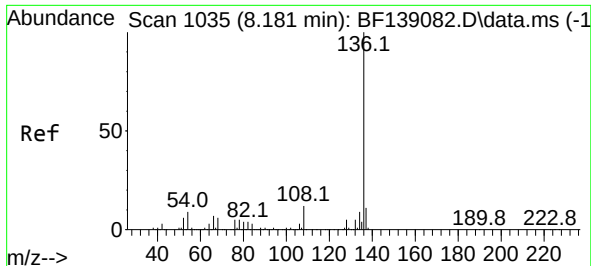


#20
3+4-Methylphenols
Concen: 48.392 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:107 Resp: 326789
Ion Ratio Lower Upper
107 100
108 89.6 70.2 110.2
77 137.2 82.7 122.7#
79 35.6 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

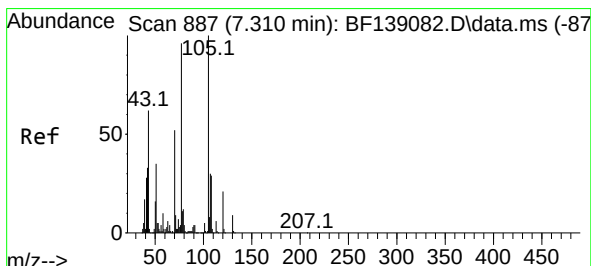
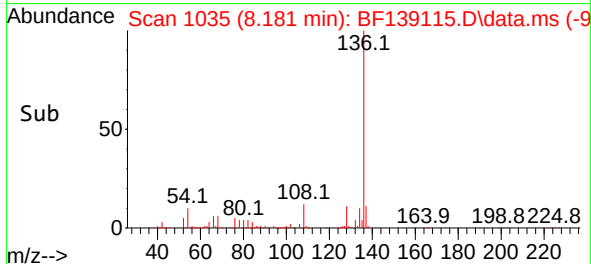
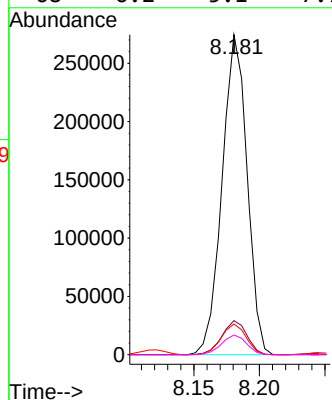
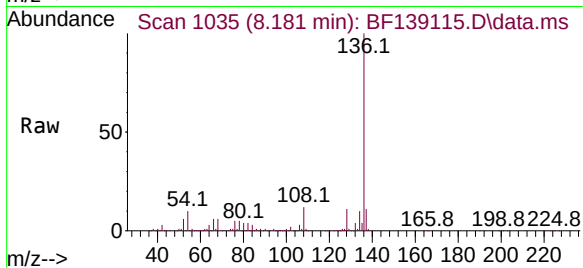
ClientSampleId :

PB162687BS

Tgt Ion:136 Resp: 363464
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.6 7.6 11.4
68 6.2 5.1 7.7

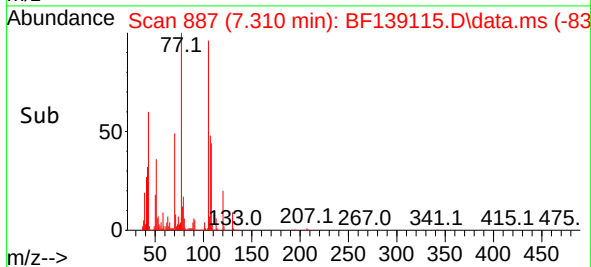
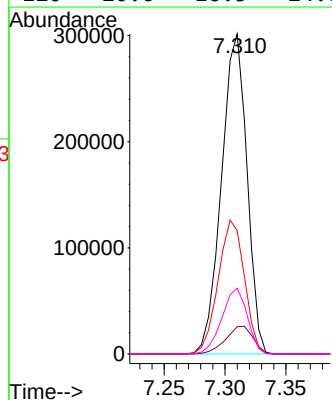
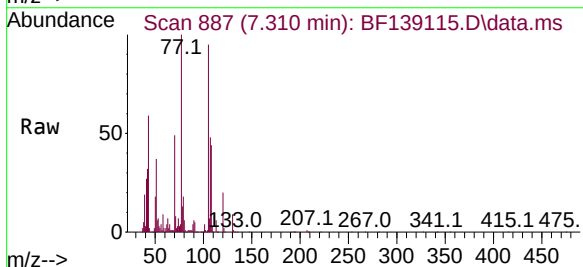
Manual Integrations
APPROVED

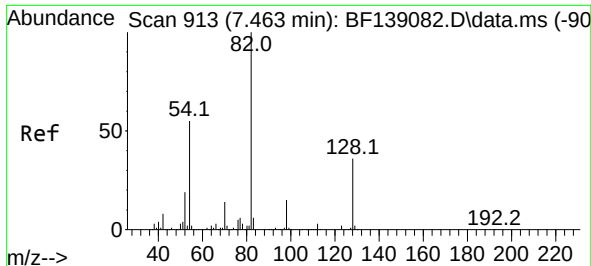
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#22
Acetophenone
Concen: 47.288 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:105 Resp: 438849
Ion Ratio Lower Upper
105 100
71 8.5 7.0 10.6
51 38.5 28.0 42.0
120 20.6 16.5 24.7





#23

Nitrobenzene-d5

Concen: 115.015 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

Tgt Ion: 82 Resp: 717419

Ion Ratio Lower Upper

82 100

128 36.5 29.0 43.4

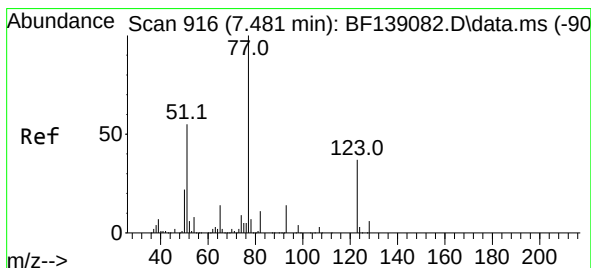
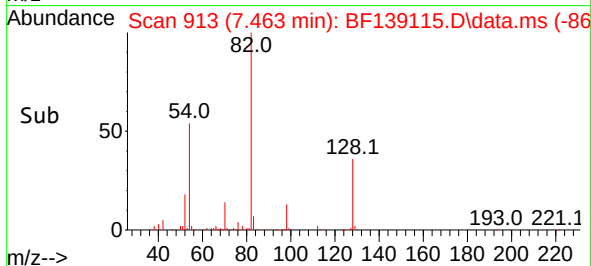
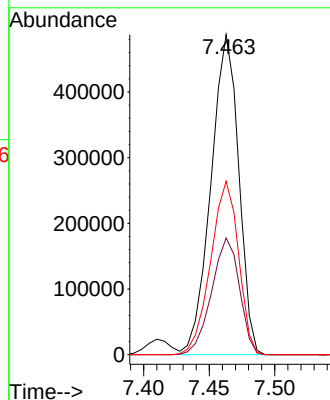
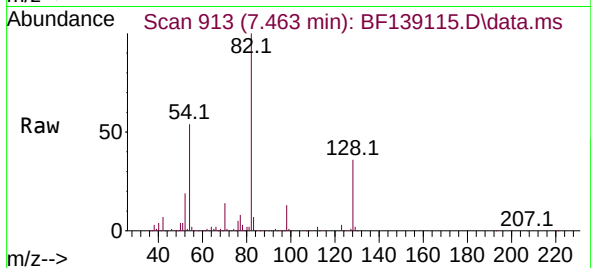
54 54.2 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#24

Nitrobenzene

Concen: 52.845 ng

RT: 7.481 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

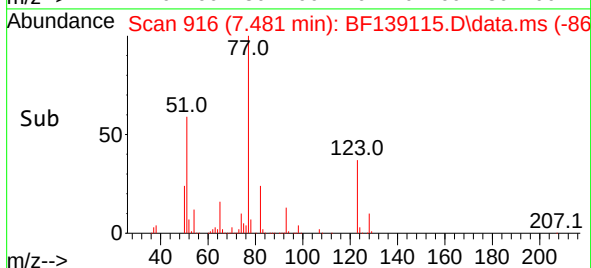
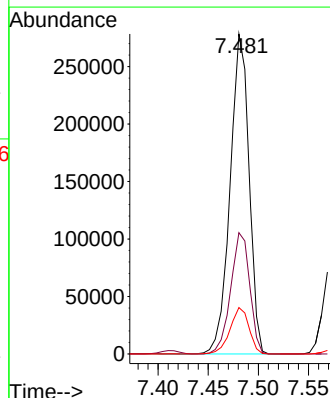
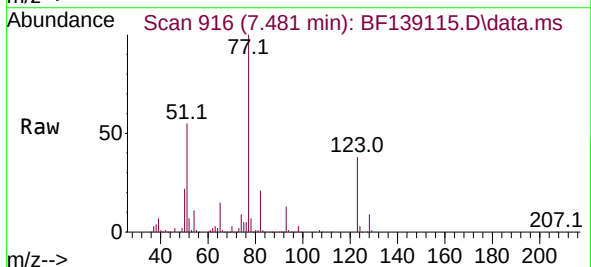
Tgt Ion: 77 Resp: 366386

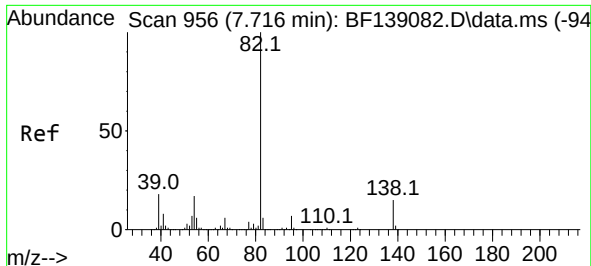
Ion Ratio Lower Upper

77 100

123 37.9 30.3 45.5

65 14.5 11.3 16.9





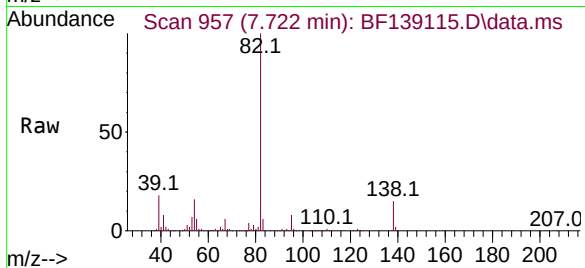
#25
Isophorone
Concen: 49.250 ng
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

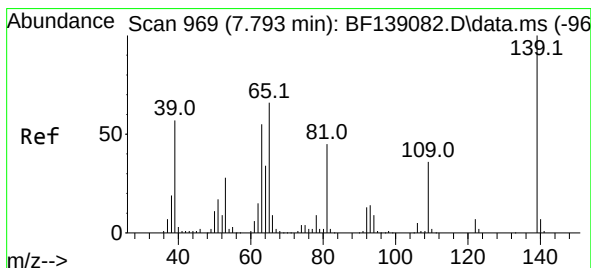
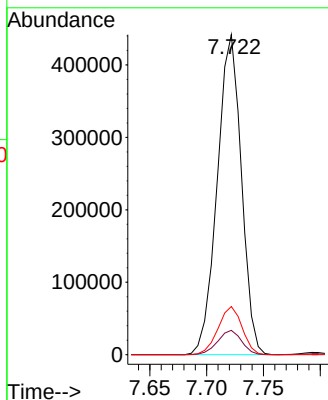
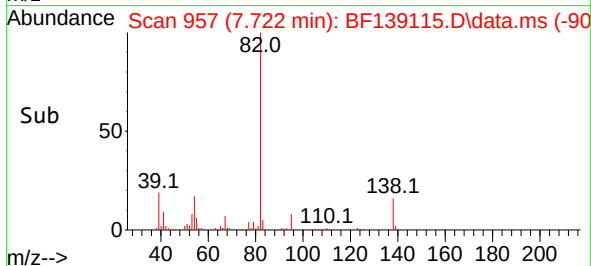


Tgt Ion: 82 Resp: 652949
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 15.1 11.8 17.8

Manual Integrations

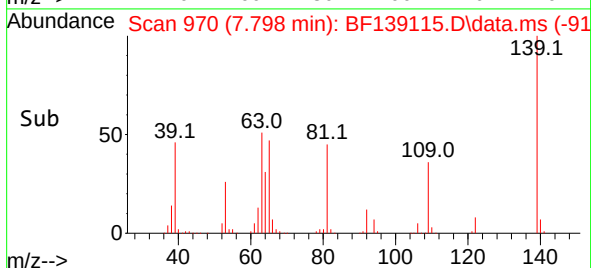
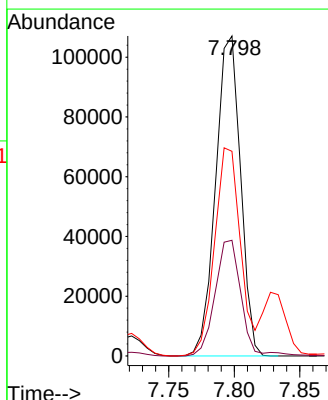
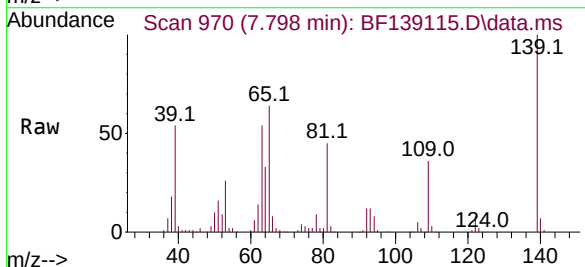
APPROVED

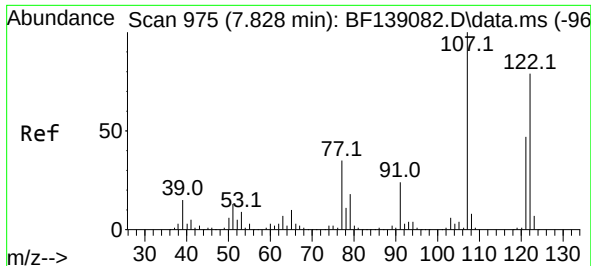
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#26
2-Nitrophenol
Concen: 57.194 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:139 Resp: 141212
Ion Ratio Lower Upper
139 100
109 36.1 29.2 43.8
65 64.0 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 57.965 ng

RT: 7.833 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

Tgt Ion:122 Resp: 24369

Ion Ratio Lower Upper

122 100

107 125.6 101.1 151.7

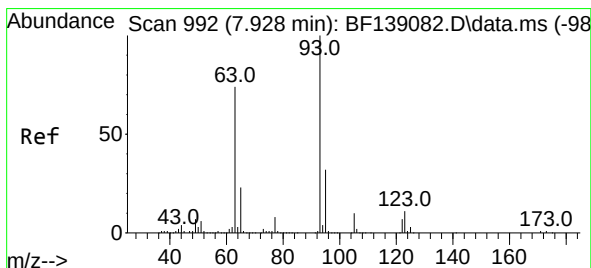
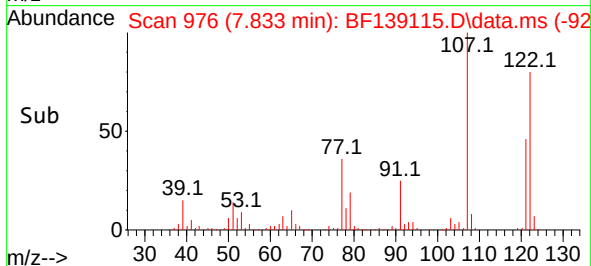
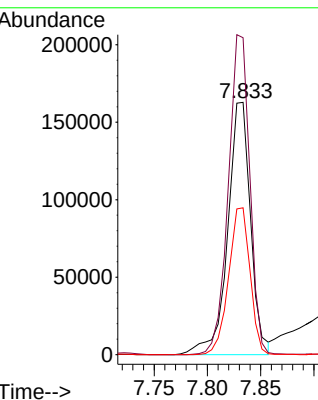
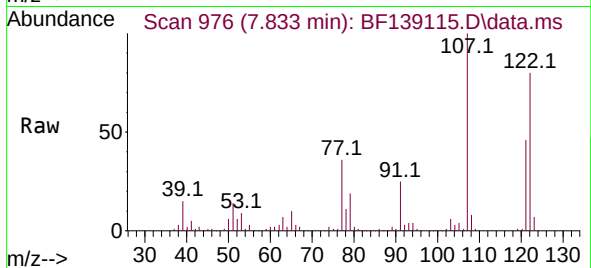
121 58.2 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#28

bis(2-Chloroethoxy)methane

Concen: 46.338 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

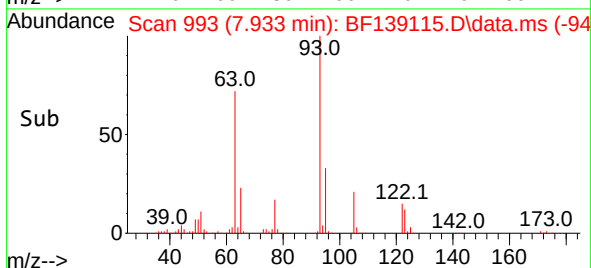
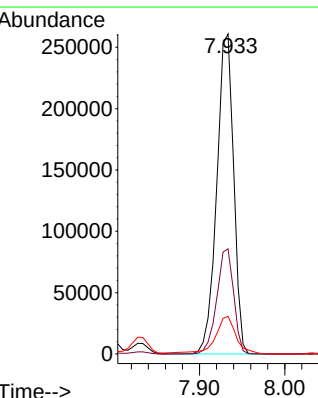
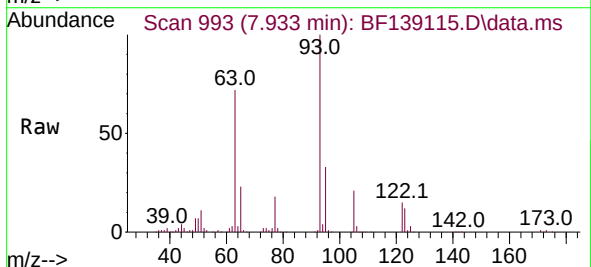
Tgt Ion: 93 Resp: 358964

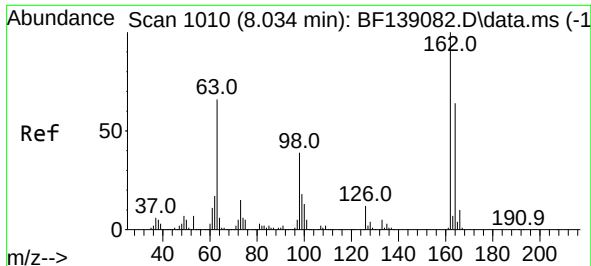
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 11.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.765 ng

RT: 8.033 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

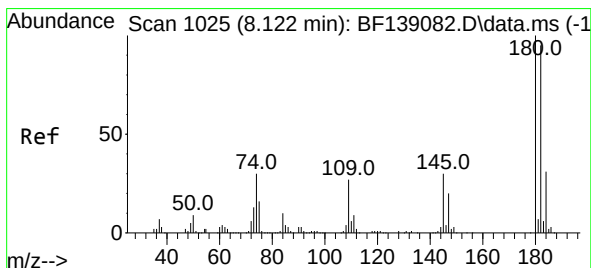
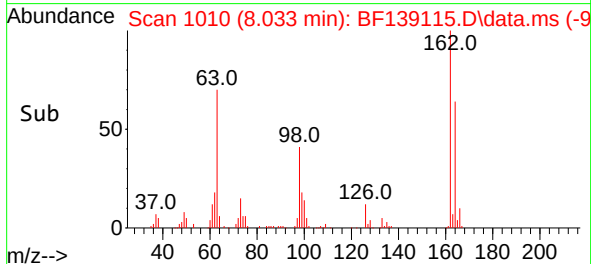
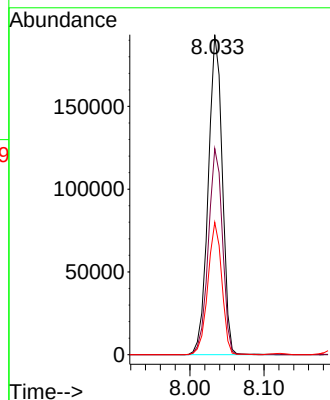
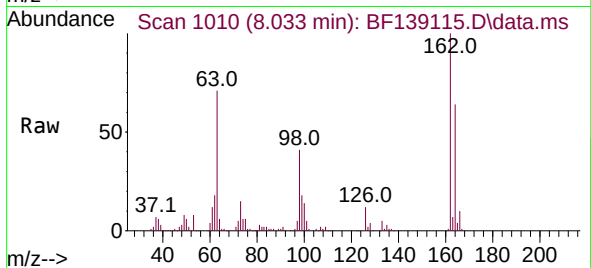
Tgt Ion:162 Resp: 255408
 Ion Ratio Lower Upper
 162 100
 164 64.4 43.9 83.9
 98 41.4 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.286 ng

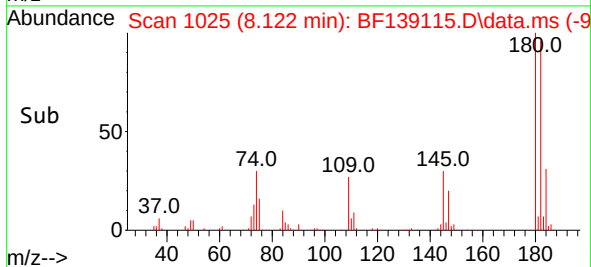
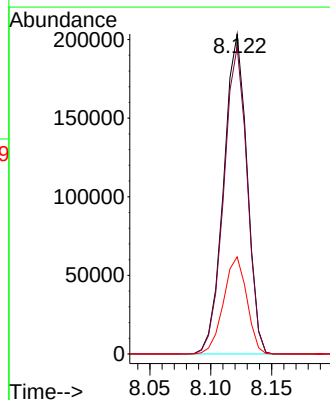
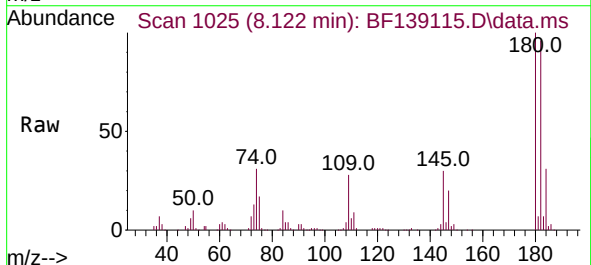
RT: 8.122 min Scan# 1025

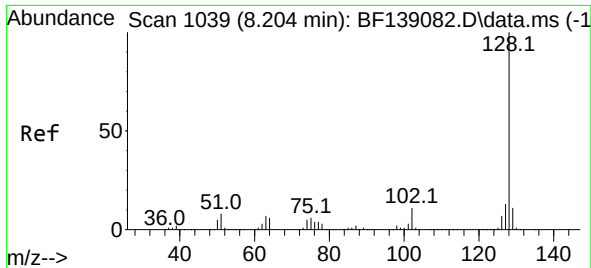
Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Tgt Ion:180 Resp: 271601
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.1 114.1
 145 30.4 23.9 35.9





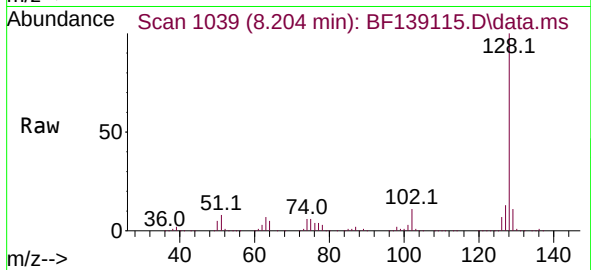
#31
Naphthalene
Concen: 46.810 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS



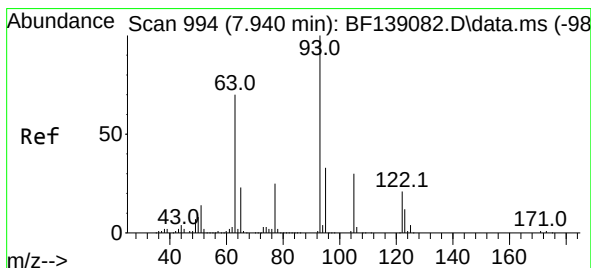
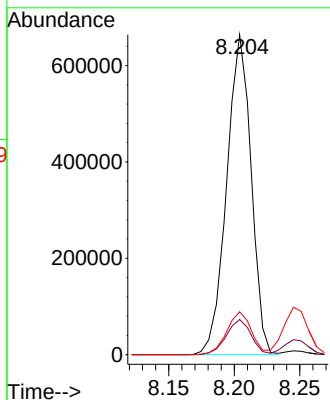
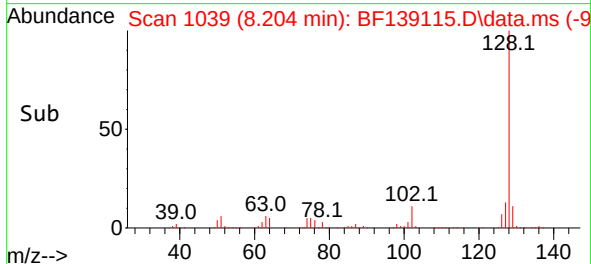
Tgt Ion:128 Resp: 862160
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.7 16.1

Manual Integrations

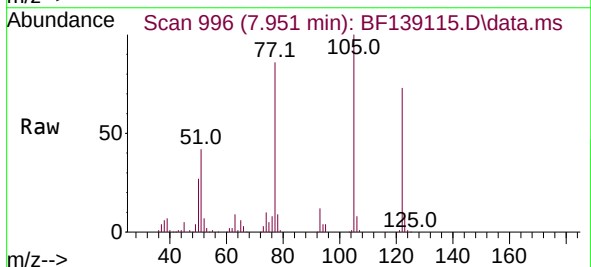
APPROVED

Reviewed By :Yogesh Patel 08/23/2024

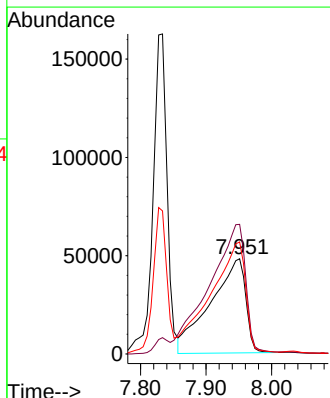
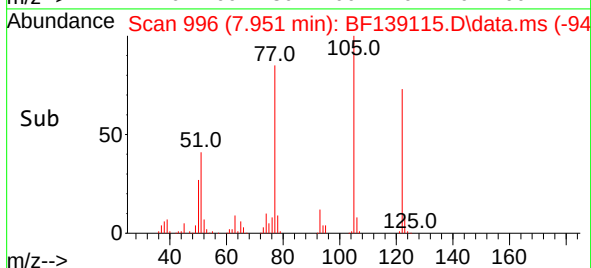
Supervised By :mohammad ahmed 08/23/2024

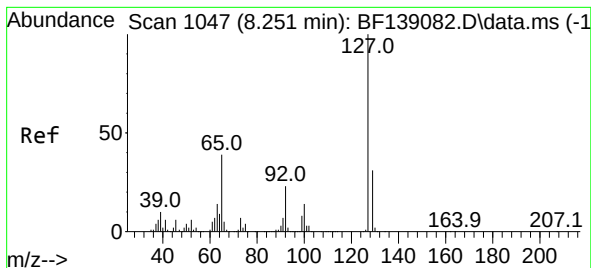


#32
Benzoic acid
Concen: 50.562 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:122 Resp: 178909
Ion Ratio Lower Upper
122 100
105 136.3 119.6 159.6
77 117.7 97.6 137.6





#33
4-Chloroaniline
Concen: 20.732 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

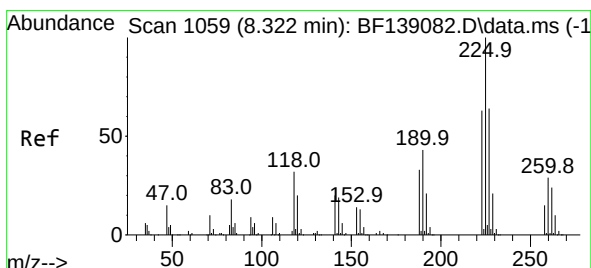
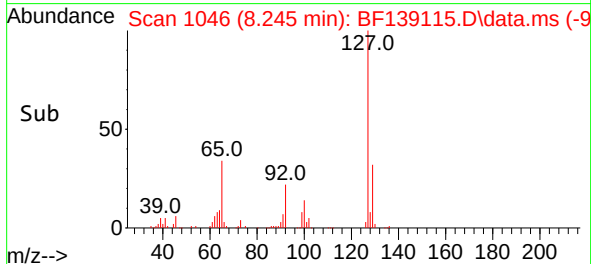
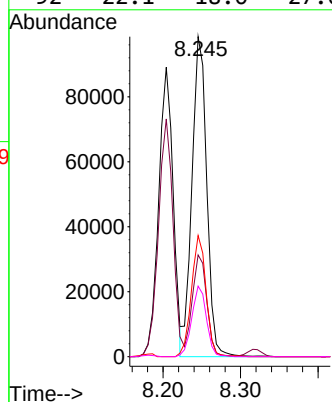
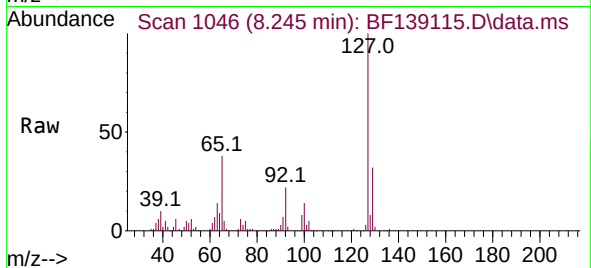
PB162687BS

Tgt Ion:127 Resp: 130774
Ion Ratio Lower Upper
127 100
129 31.8 26.0 39.0
65 37.9 30.3 45.5
92 22.1 18.0 27.0

Manual Integrations

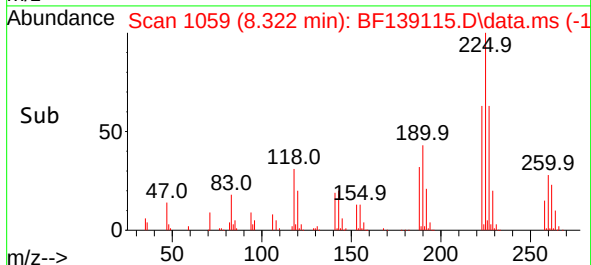
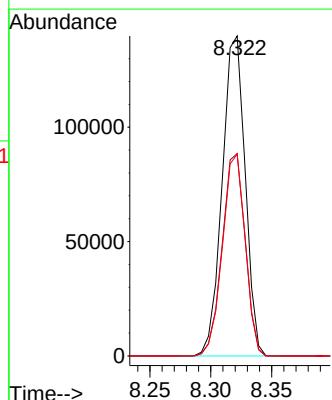
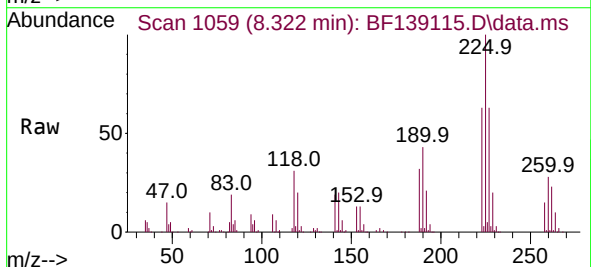
APPROVED

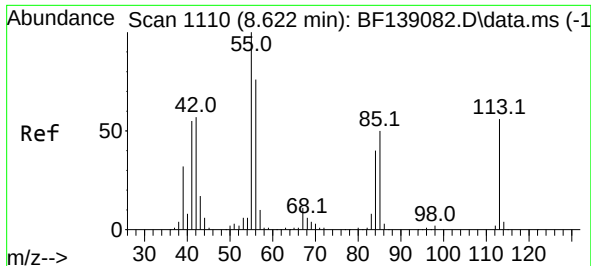
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#34
Hexachlorobutadiene
Concen: 45.876 ng
RT: 8.322 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:225 Resp: 183789
Ion Ratio Lower Upper
225 100
223 63.3 50.0 75.0
227 63.1 51.4 77.2





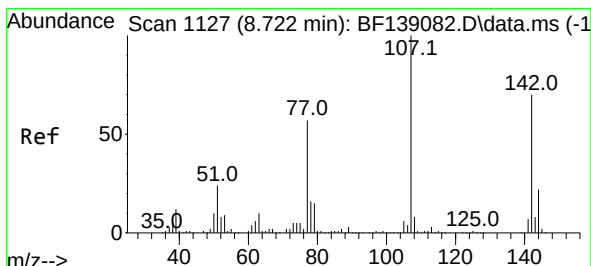
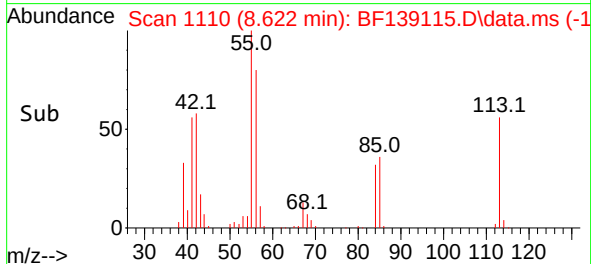
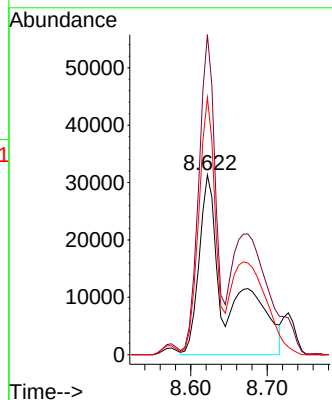
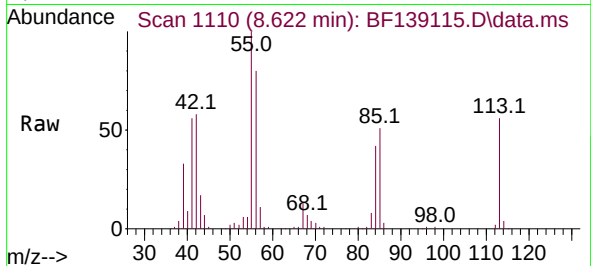
#35
Caprolactam
Concen: 51.172 ng m
RT: 8.622 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB162687BS

Tgt Ion:113 Resp: 84972
Ion Ratio Lower Upper
113 100
55 178.1 158.6 198.6
56 143.1 115.9 155.9

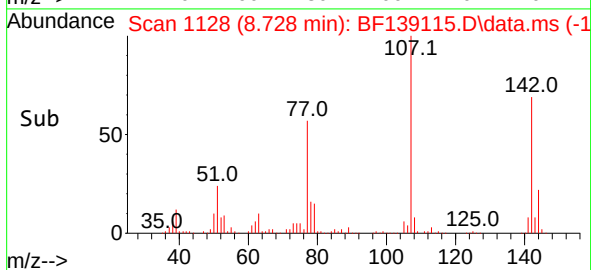
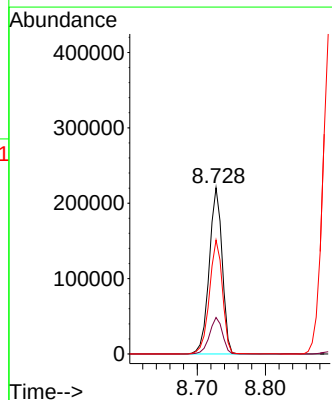
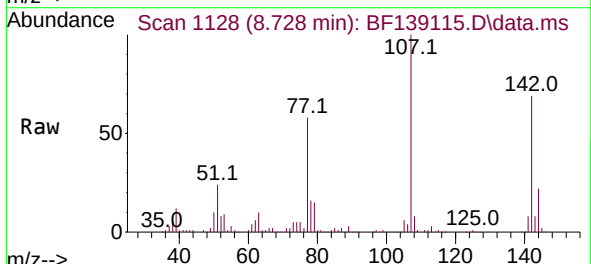
Manual Integrations
APPROVED

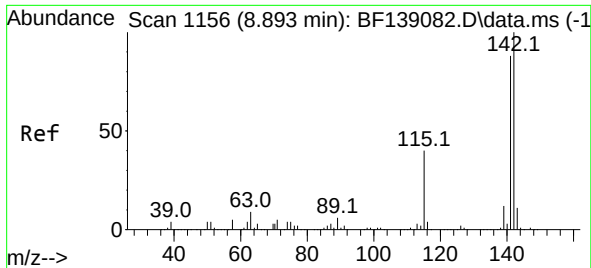
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#36
4-Chloro-3-methylphenol
Concen: 50.321 ng
RT: 8.728 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:107 Resp: 291823
Ion Ratio Lower Upper
107 100
144 22.0 17.7 26.5
142 68.5 55.6 83.4





#37

2-Methylnaphthalene

Concen: 47.687 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

Tgt Ion:142 Resp: 56337

Ion Ratio Lower Upper

142 100

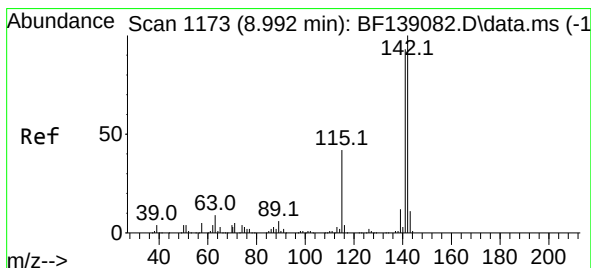
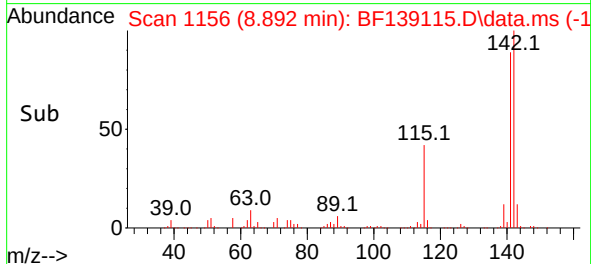
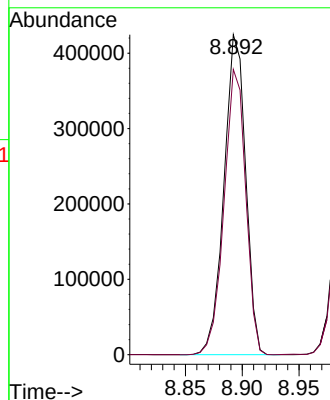
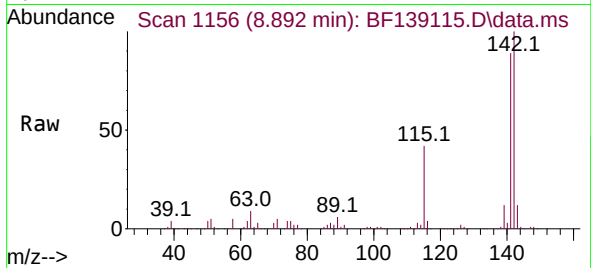
141 89.2 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#38

1-Methylnaphthalene

Concen: 46.111 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139115.D

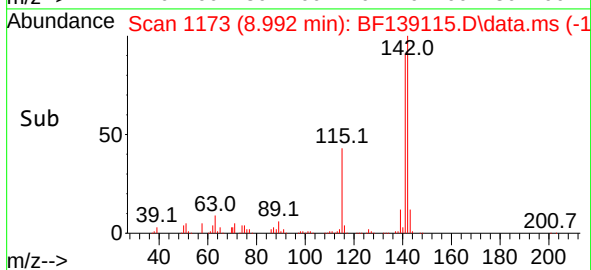
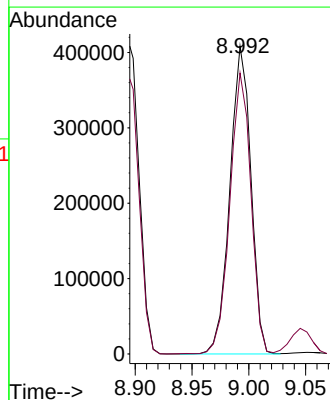
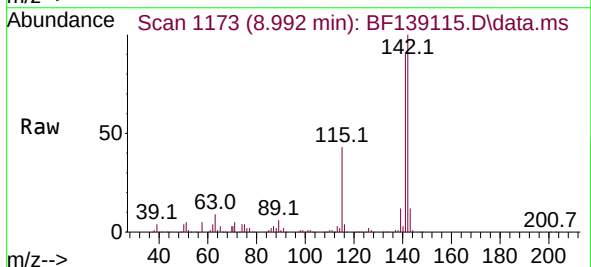
Acq: 22 Aug 2024 11:23

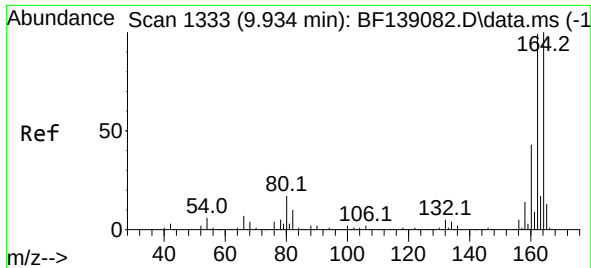
Tgt Ion:142 Resp: 525756

Ion Ratio Lower Upper

142 100

141 91.3 74.1 111.1





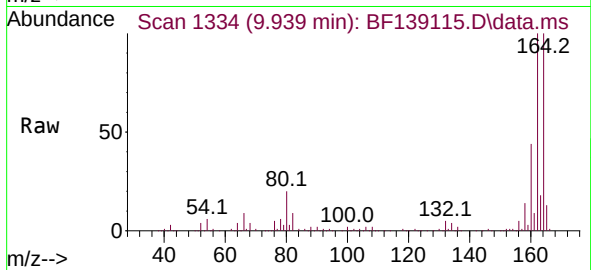
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS



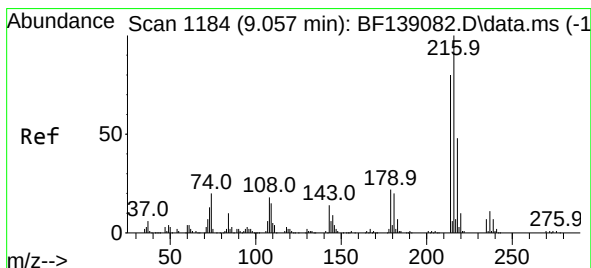
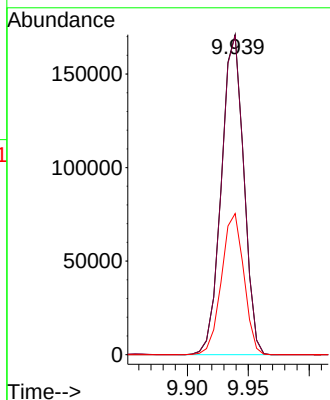
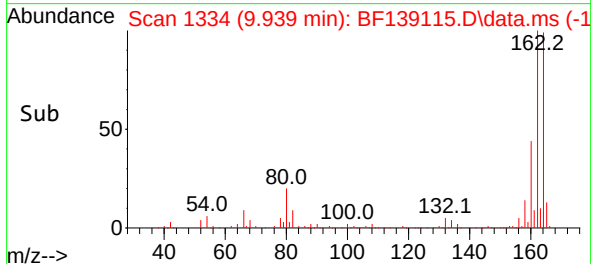
Tgt Ion:164 Resp: 21866
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.1 34.5 51.7

Manual Integrations

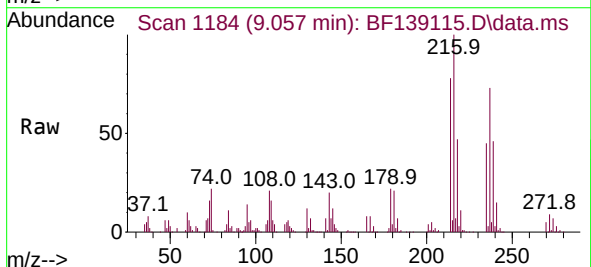
APPROVED

Reviewed By :Yogesh Patel 08/23/2024

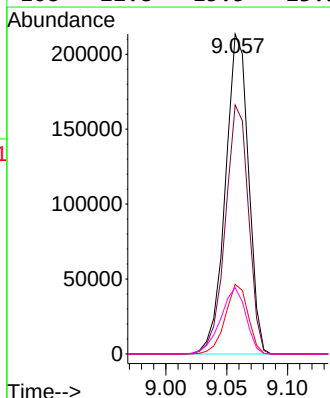
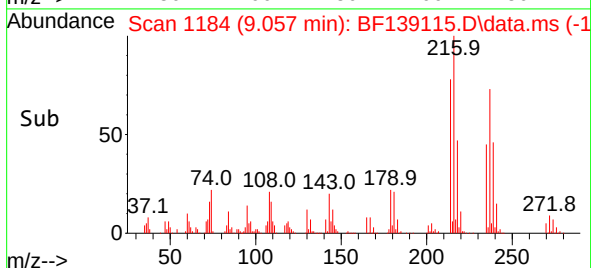
Supervised By :mohammad ahmed 08/23/2024

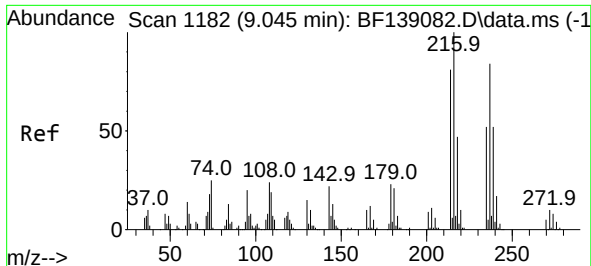


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.285 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:216 Resp: 281590
Ion Ratio Lower Upper
216 100
214 77.9 64.2 96.2
179 21.4 17.4 26.2
108 22.8 15.5 23.3





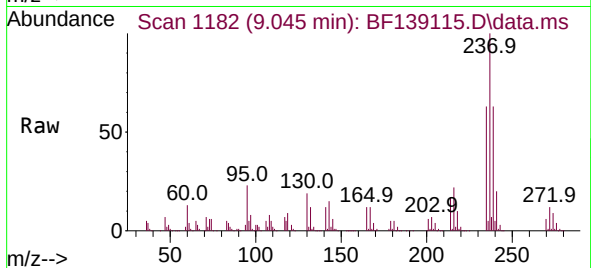
#41
Hexachlorocyclopentadiene
Concen: 170.735 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

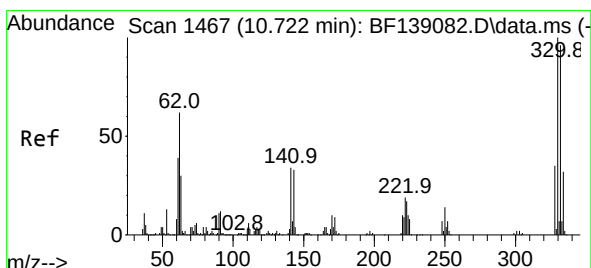
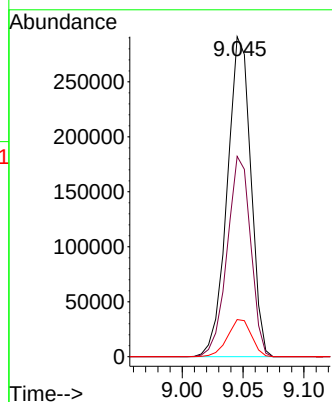
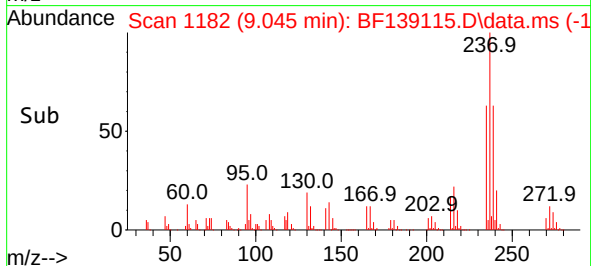


Tgt Ion:237 Resp: 392824
Ion Ratio Lower Upper
237 100
235 62.6 42.5 82.5
272 11.6 0.0 32.0

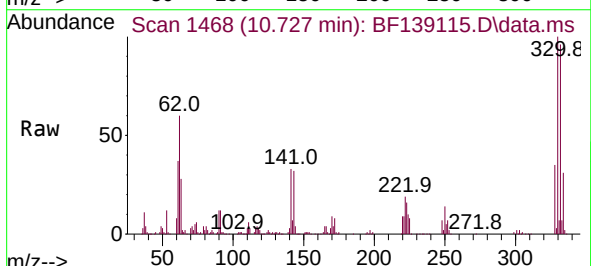
Manual Integrations

APPROVED

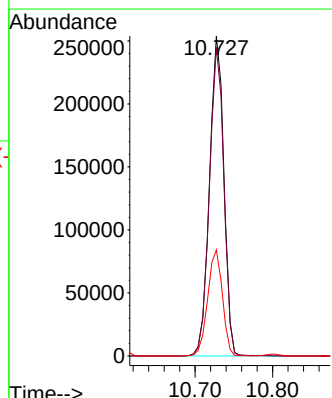
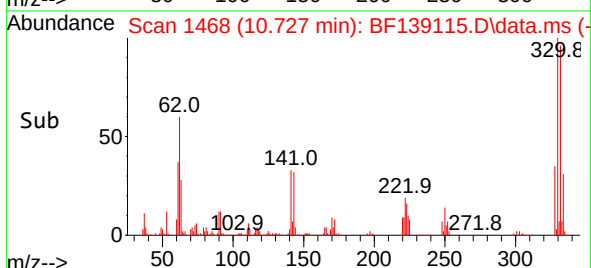
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

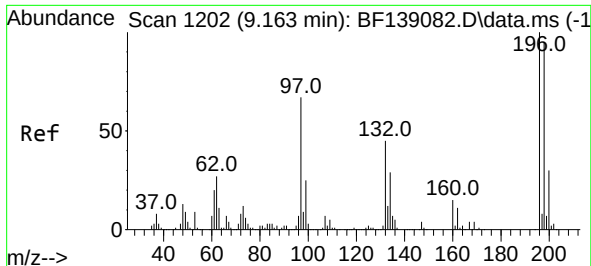


#42
2,4,6-Tribromophenol
Concen: 165.484 ng
RT: 10.727 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:330 Resp: 327576
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 33.9 27.5 41.3





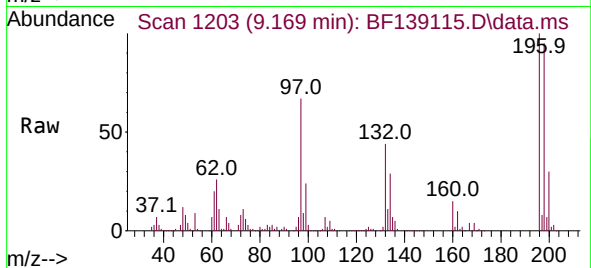
#43
2,4,6-Trichlorophenol
Concen: 49.515 ng
RT: 9.169 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

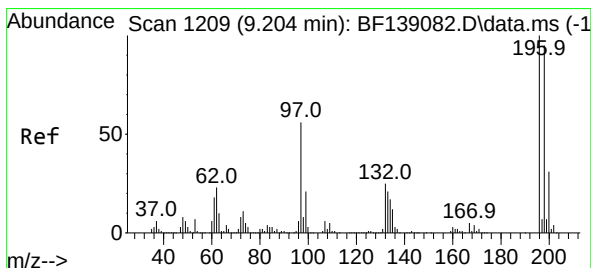
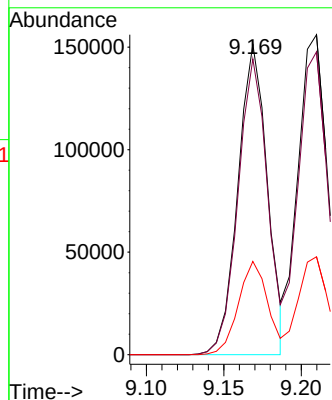
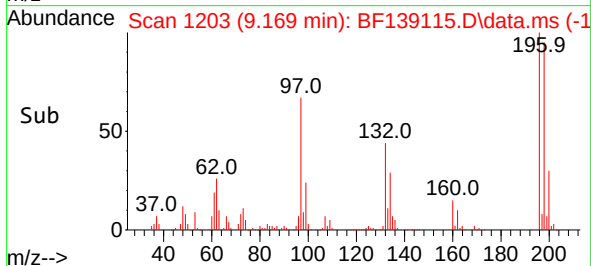


Tgt Ion:196 Resp: 20003
Ion Ratio Lower Upper
196 100
198 95.3 76.4 114.6
200 30.0 23.8 35.8

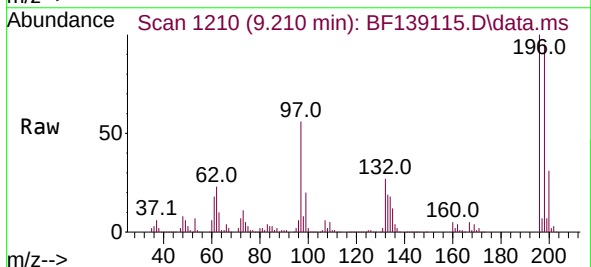
Manual Integrations

APPROVED

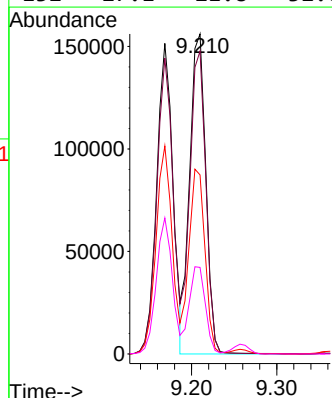
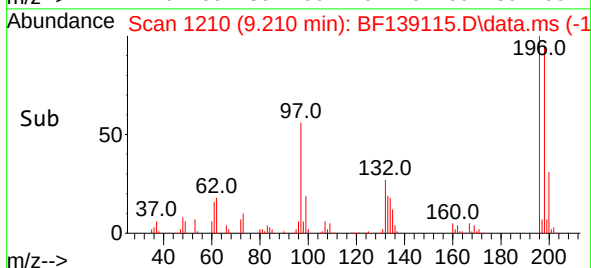
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

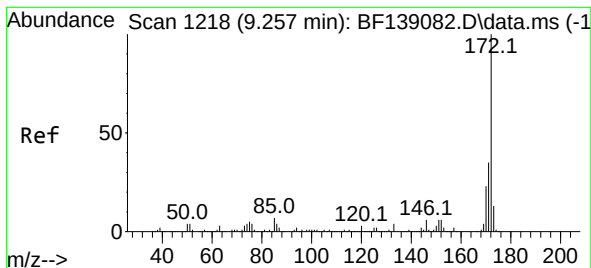


#44
2,4,5-Trichlorophenol
Concen: 49.570 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:196 Resp: 205552
Ion Ratio Lower Upper
196 100
198 94.6 76.6 114.8
97 55.9 44.6 67.0
132 27.1 21.8 32.6





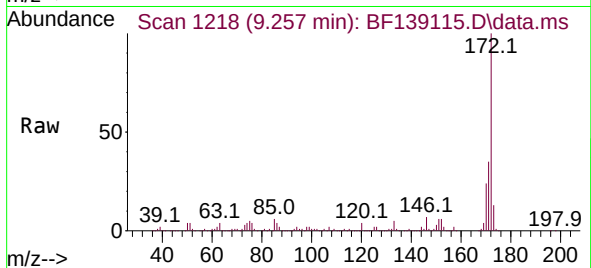
#45
2-Fluorobiphenyl
Concen: 90.967 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS



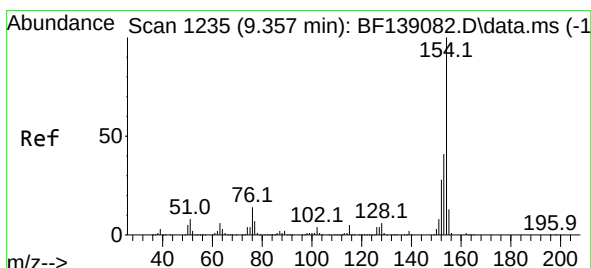
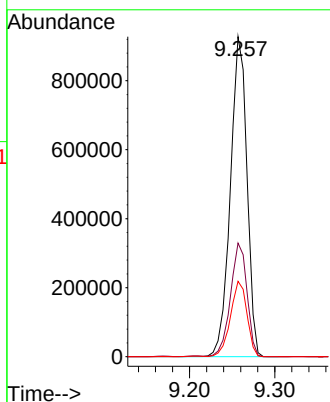
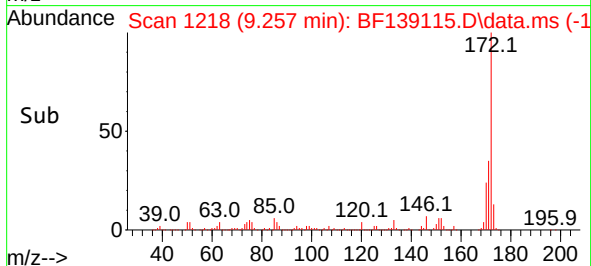
Tgt Ion:172 Resp: 1253670
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 18.8 28.2

Manual Integrations

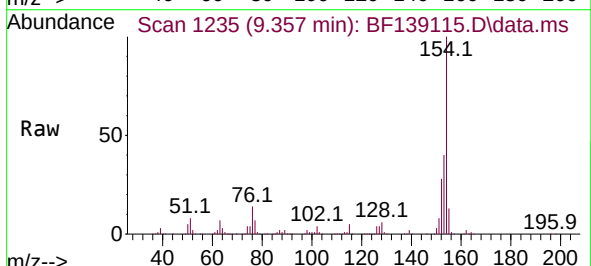
APPROVED

Reviewed By :Yogesh Patel 08/23/2024

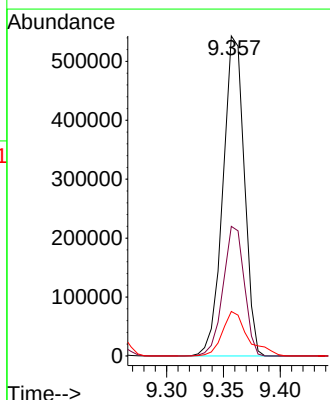
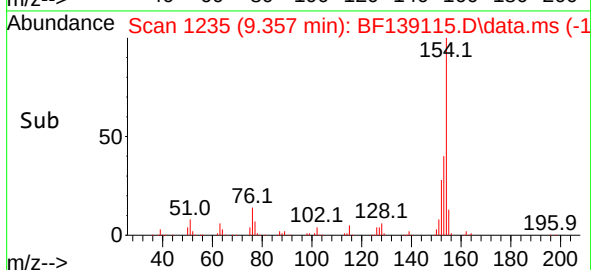
Supervised By :mohammad ahmed 08/23/2024

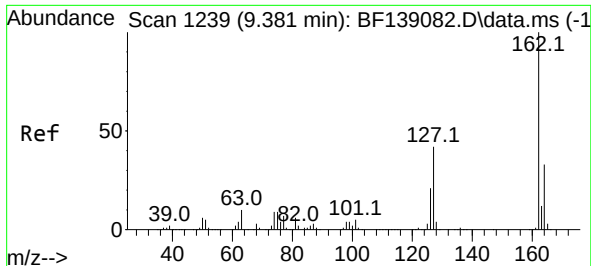


#46
1,1'-Biphenyl
Concen: 47.435 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:154 Resp: 710519
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 13.9 0.0 33.6





#47

2-Chloronaphthalene

Concen: 44.852 ng

RT: 9.386 min Scan# 1239

Delta R.T. 0.005 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

Tgt Ion:162 Resp: 545870

Ion Ratio Lower Upper

162 100

127 42.2 33.8 50.6

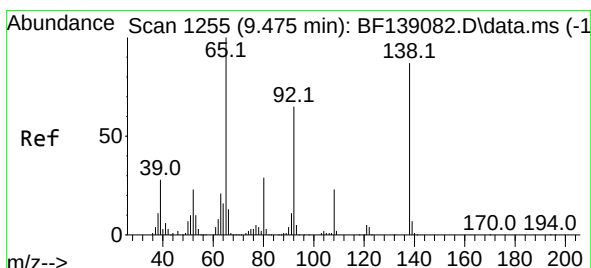
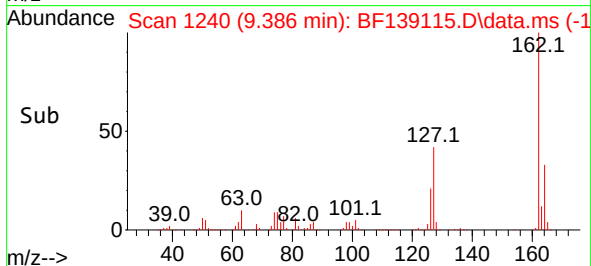
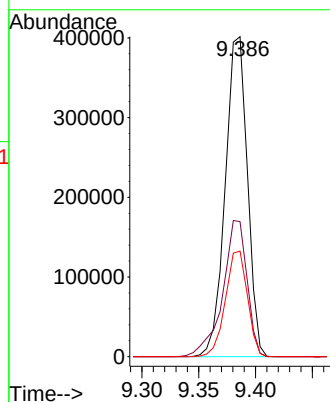
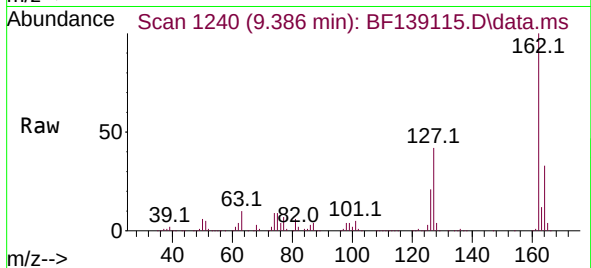
164 33.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#48

2-Nitroaniline

Concen: 55.016 ng

RT: 9.475 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

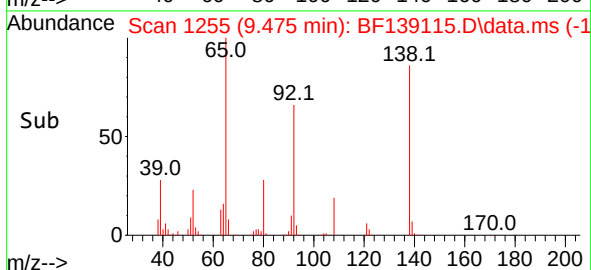
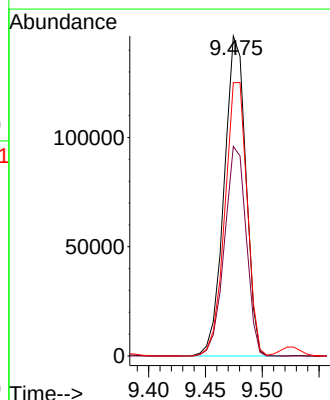
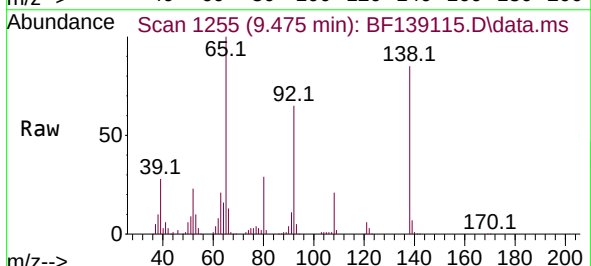
Tgt Ion: 65 Resp: 195179

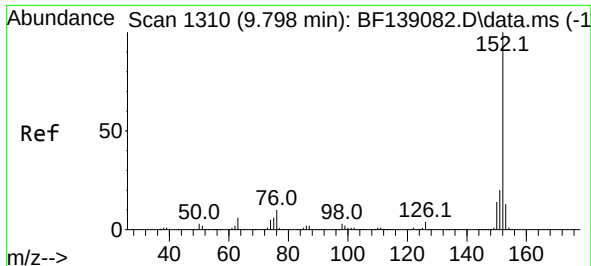
Ion Ratio Lower Upper

65 100

92 65.5 52.4 78.6

138 85.4 69.4 104.0





#49
Acenaphthylene
Concen: 50.359 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

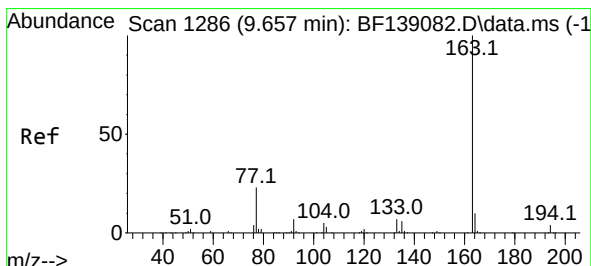
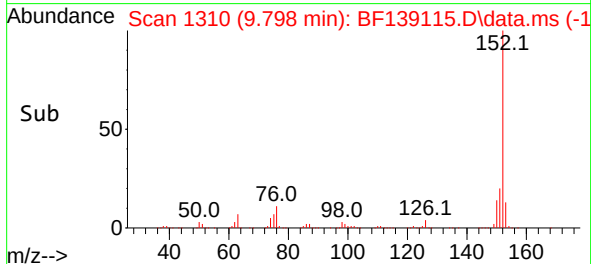
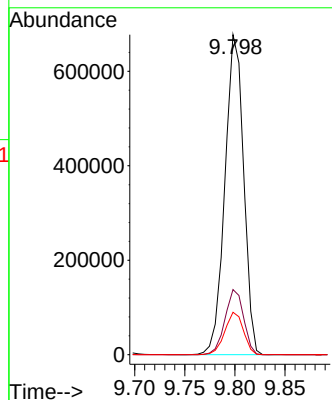
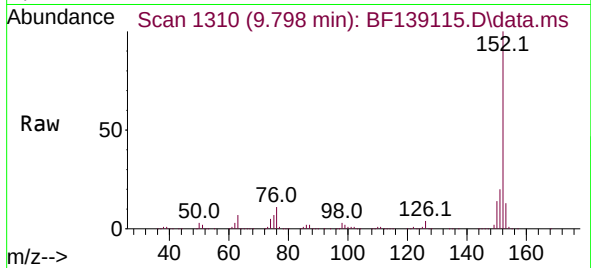
PB162687BS

Tgt Ion:152 Resp: 877994
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.2 10.6 15.8

Manual Integrations

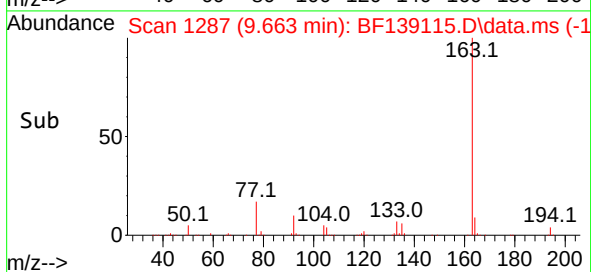
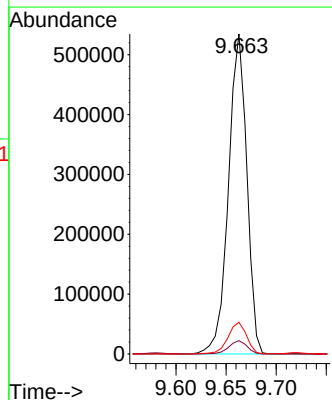
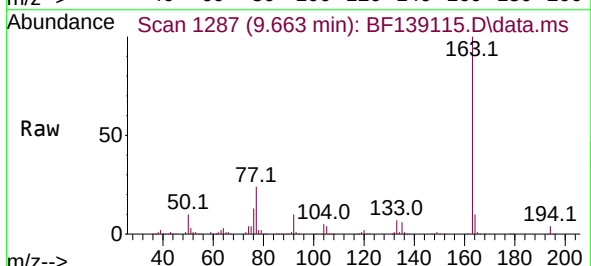
APPROVED

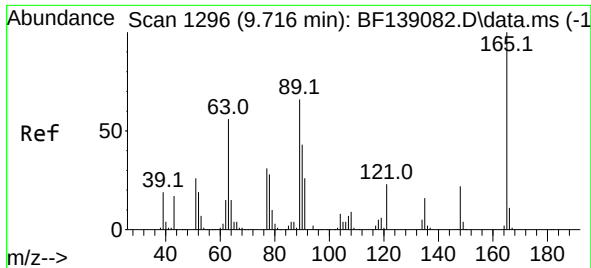
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#50
Dimethylphthalate
Concen: 50.339 ng
RT: 9.663 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:163 Resp: 679541
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.2 12.2





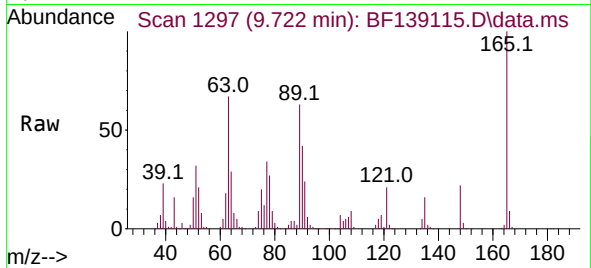
#51
2,6-Dinitrotoluene
Concen: 53.011 ng
RT: 9.722 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

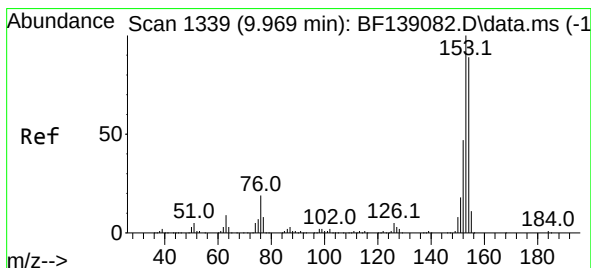
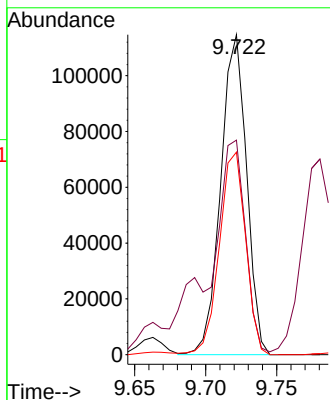
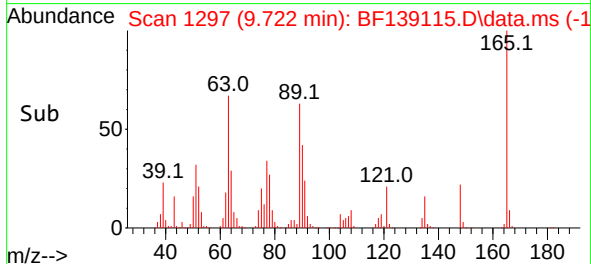


Tgt Ion:165 Resp: 144940
Ion Ratio Lower Upper
165 100
63 67.1 58.0 87.0
89 63.3 53.3 79.9

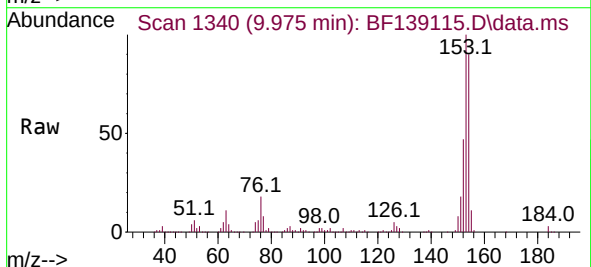
Manual Integrations

APPROVED

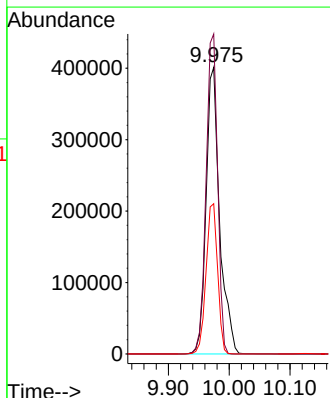
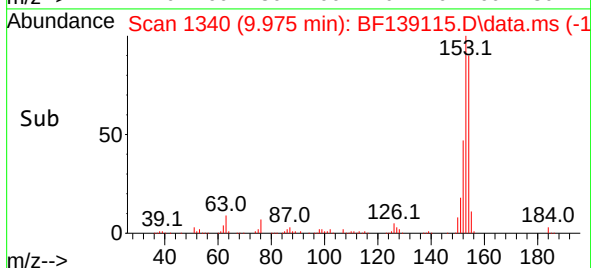
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

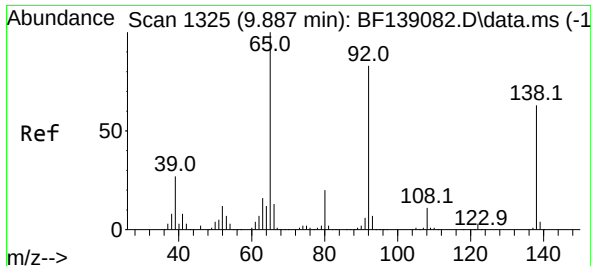


#52
Acenaphthene
Concen: 53.965 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:154 Resp: 621493
Ion Ratio Lower Upper
154 100
153 111.7 89.7 134.5
152 52.4 42.3 63.5





#53
3-Nitroaniline
Concen: 34.510 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

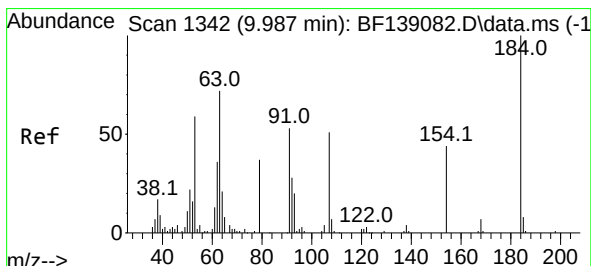
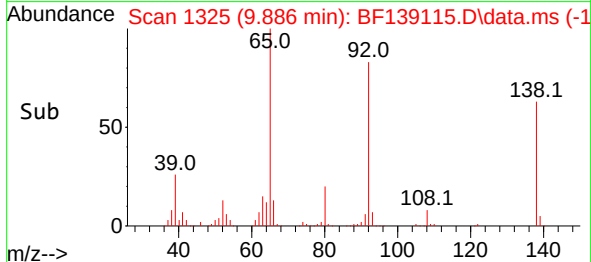
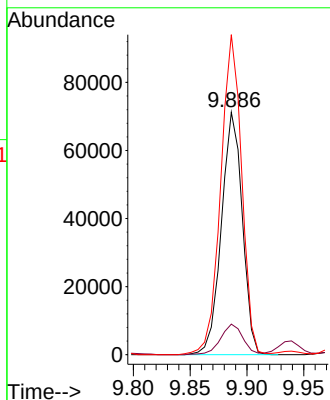
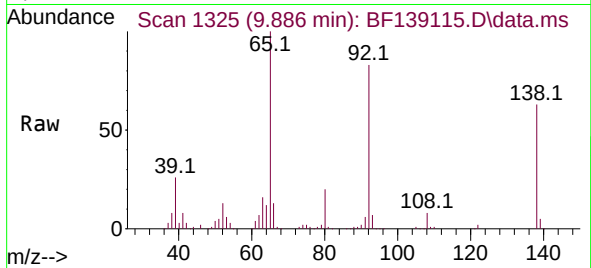
Tgt Ion:138 Resp: 91028
Ion Ratio Lower Upper
138 100
108 12.6 14.6 21.8
92 132.0 105.9 158.9

Manual Integrations

APPROVED

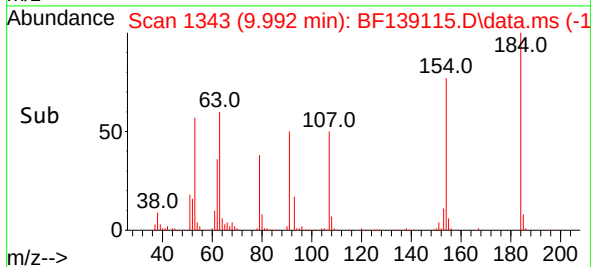
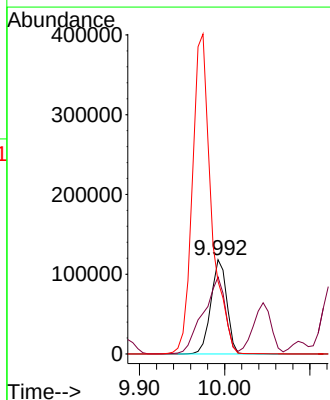
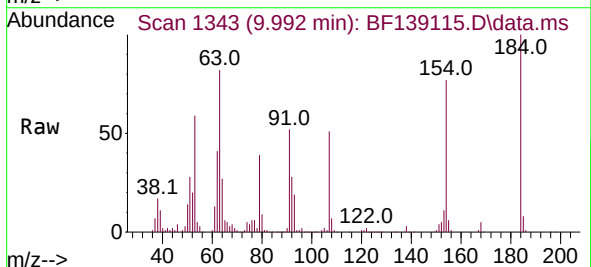
Reviewed By :Yogesh Patel 08/23/2024

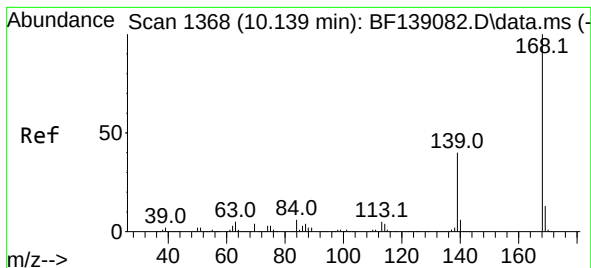
Supervised By :mohammad ahmed 08/23/2024



#54
2,4-Dinitrophenol
Concen: 107.507 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:184 Resp: 153288
Ion Ratio Lower Upper
184 100
63 81.7 70.5 105.7
154 76.9 135.0 202.6#





#55

Dibenzenofuran

Concen: 48.434 ng

RT: 10.145 min Scan# 1368

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

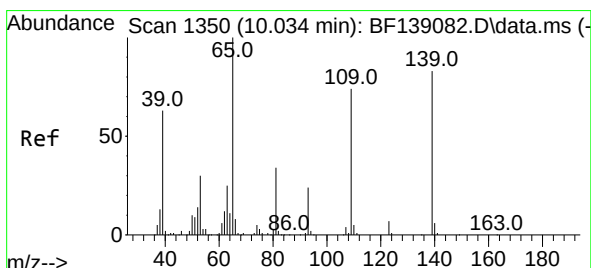
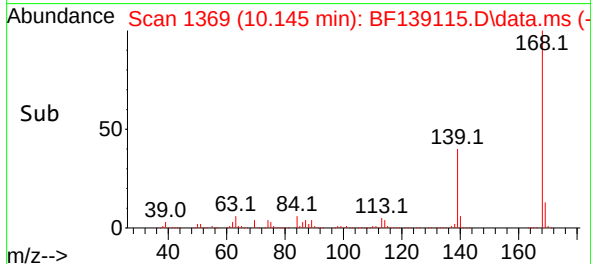
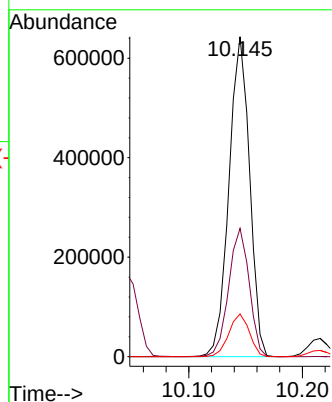
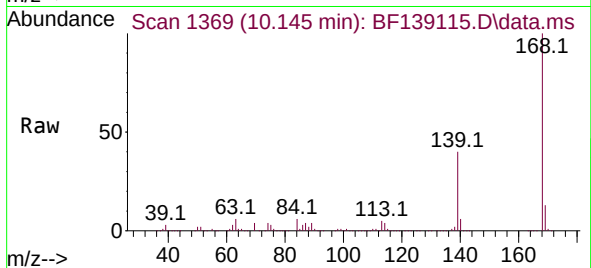
PB162687BS

Tgt Ion:168 Resp: 81019
 Ion Ratio Lower Upper
 168 100
 139 40.1 31.6 47.4
 169 13.3 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/23/2024



#56

4-Nitrophenol

Concen: 120.684 ng

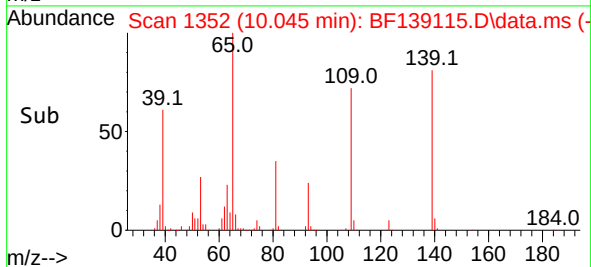
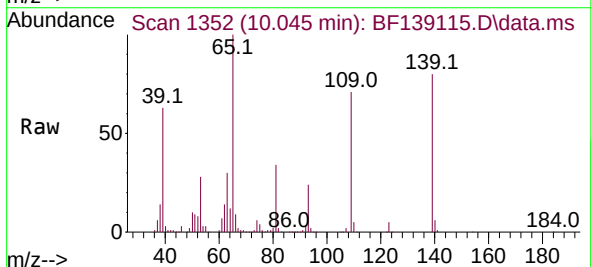
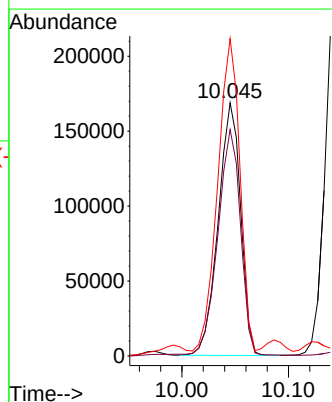
RT: 10.045 min Scan# 1352

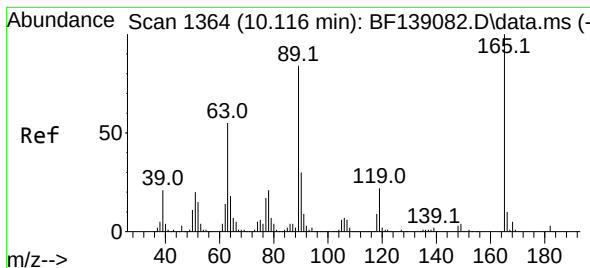
Delta R.T. 0.011 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Tgt Ion:139 Resp: 246256
 Ion Ratio Lower Upper
 139 100
 109 89.5 68.8 108.8
 65 125.4 101.3 141.3





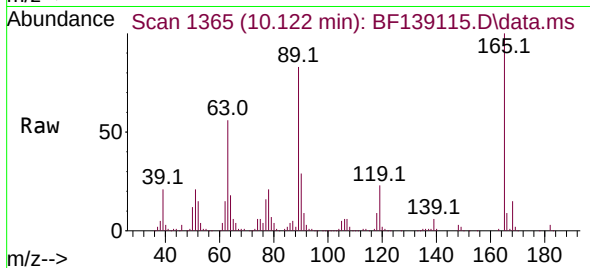
#57
2,4-Dinitrotoluene
Concen: 58.103 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

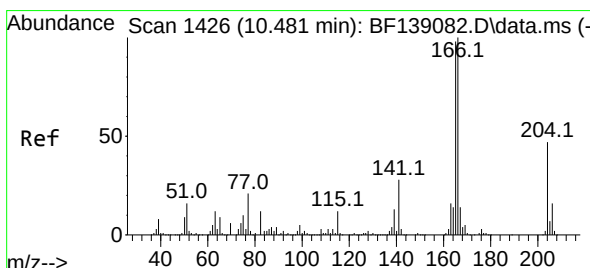
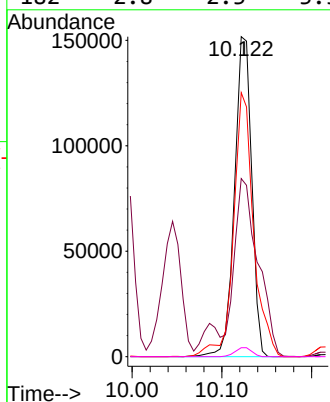
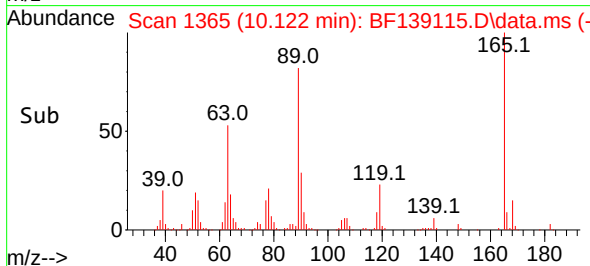


Tgt Ion:165 Resp: 201710
Ion Ratio Lower Upper
165 100
63 55.6 44.2 66.4
89 82.5 67.4 101.2
182 2.8 2.3 3.5

Manual Integrations

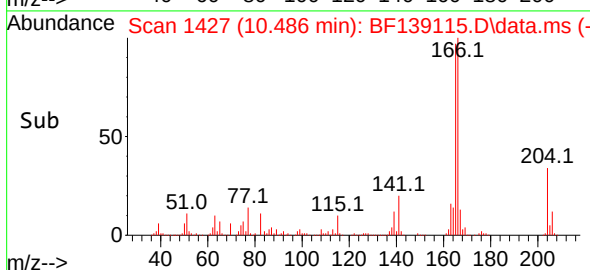
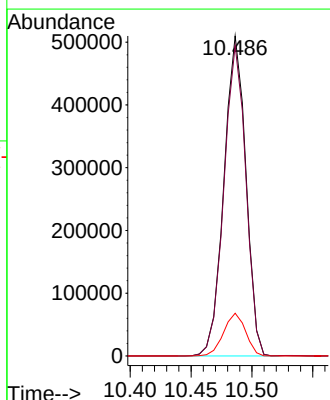
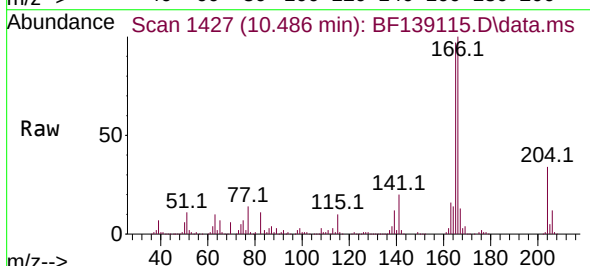
APPROVED

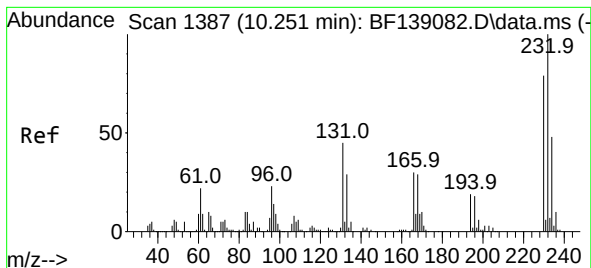
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#58
Fluorene
Concen: 47.905 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

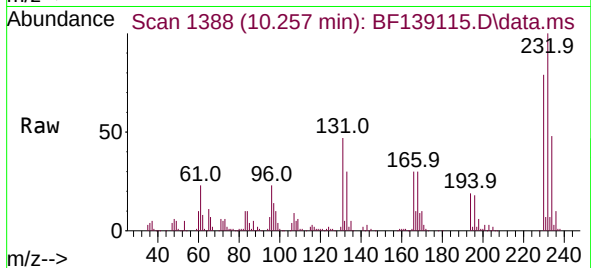
Tgt Ion:166 Resp: 640411
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.781 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

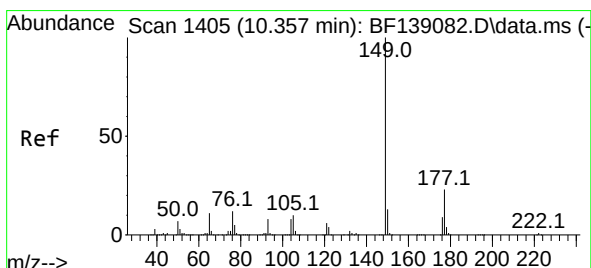
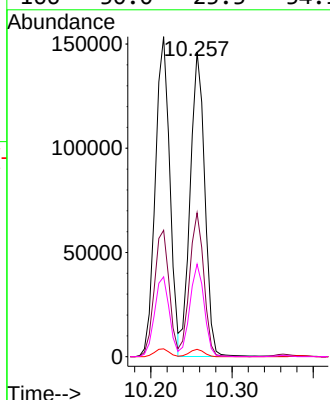
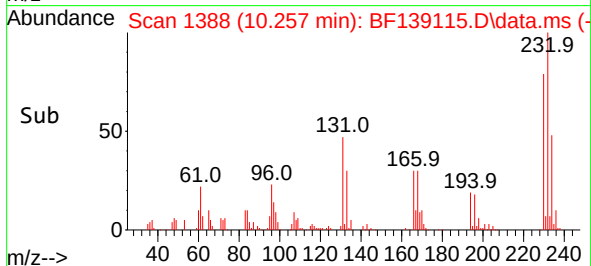
Instrument :
BNA_F
ClientSampleId :
PB162687BS



Tgt Ion:232 Resp: 18239
Ion Ratio Lower Upper
232 100
131 46.5 36.0 54.0
130 2.4 2.0 3.0
166 30.0 23.3 34.9

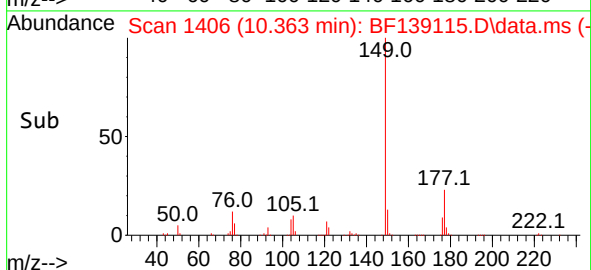
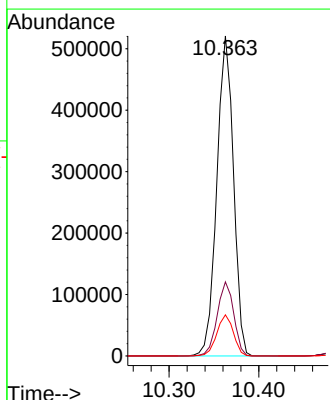
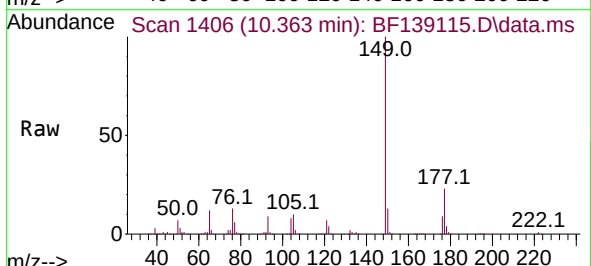
Manual Integrations
APPROVED

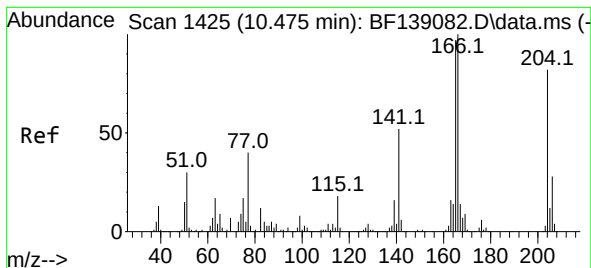
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#60
Diethylphthalate
Concen: 50.161 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:149 Resp: 670922
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.9 10.2 15.2





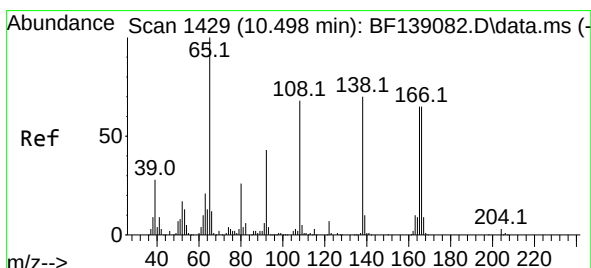
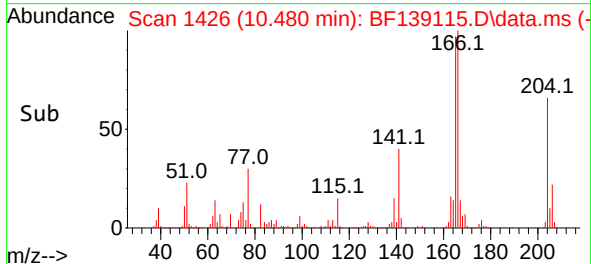
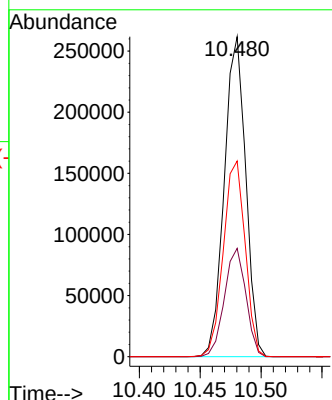
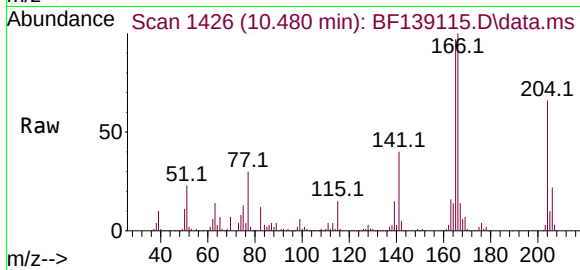
#61
4-Chlorophenyl-phenylether
Concen: 48.105 ng
RT: 10.480 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB162687BS

Tgt Ion:204 Resp: 321178
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 61.2 50.9 76.3

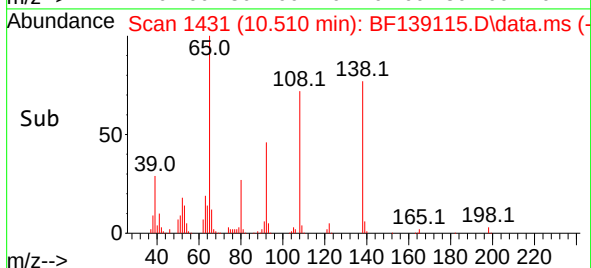
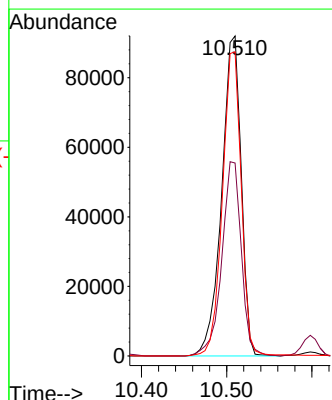
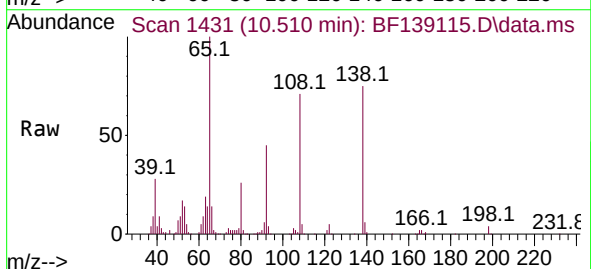
Manual Integrations
APPROVED

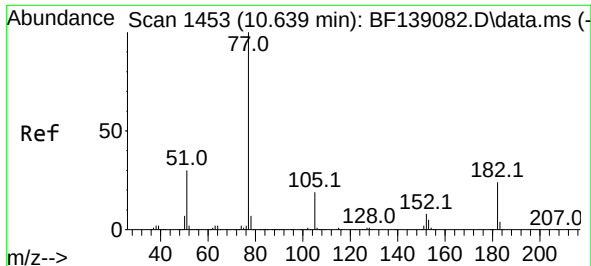
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#62
4-Nitroaniline
Concen: 52.498 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:138 Resp: 146505
Ion Ratio Lower Upper
138 100
92 60.3 41.4 81.4
108 95.0 76.8 116.8





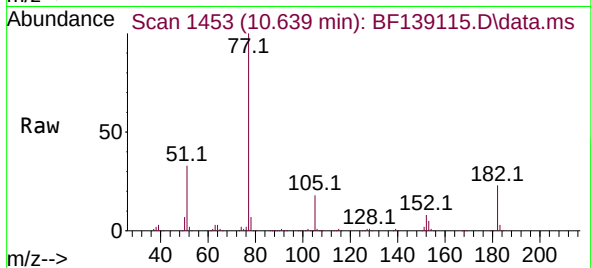
#63
Azobenzene
Concen: 49.269 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS



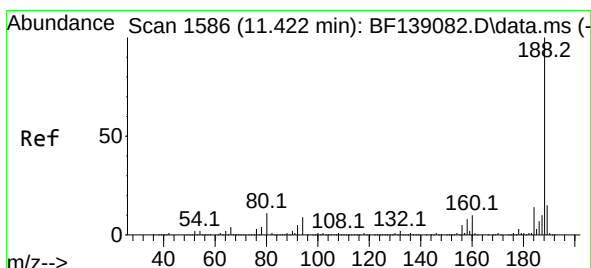
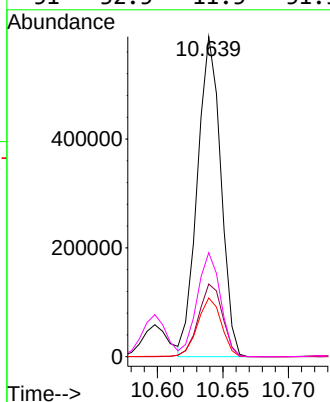
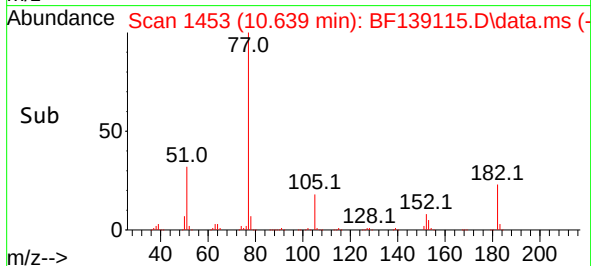
Tgt Ion: 77 Resp: 73233
Ion Ratio Lower Upper
77 100
182 22.7 4.0 44.0
105 18.4 0.0 39.1
51 32.5 11.5 51.5

Manual Integrations

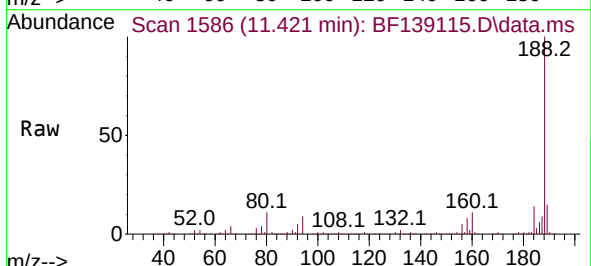
APPROVED

Reviewed By :Yogesh Patel 08/23/2024

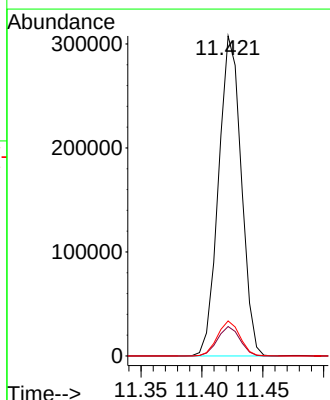
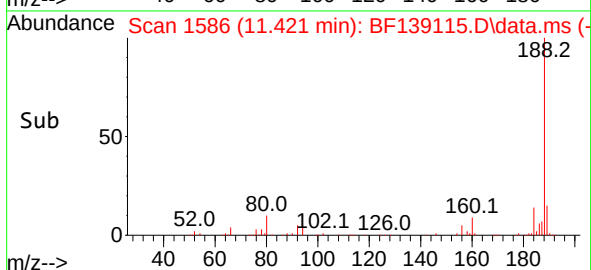
Supervised By :mohammad ahmed 08/23/2024

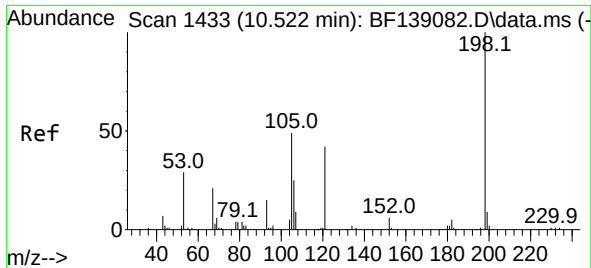


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



Tgt Ion:188 Resp: 399434
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.9 8.5 12.7





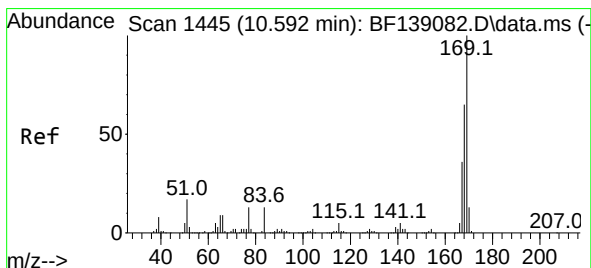
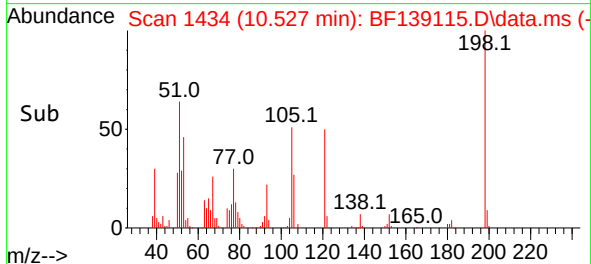
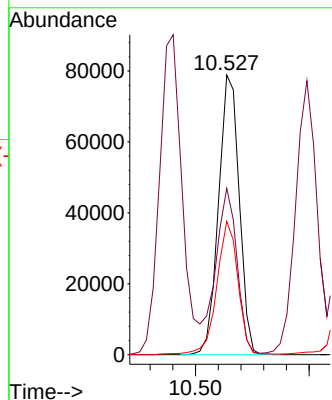
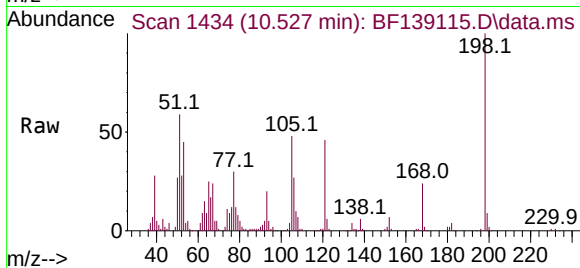
#65
4,6-Dinitro-2-methylphenol
Concen: 62.723 ng
RT: 10.527 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB162687BS

Tgt Ion:198 Resp: 9972
Ion Ratio Lower Upper
198 100
51 59.5 40.8 80.8
105 47.7 30.9 70.9

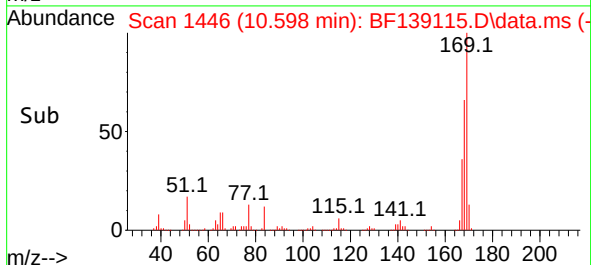
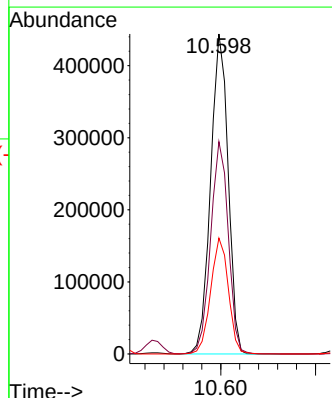
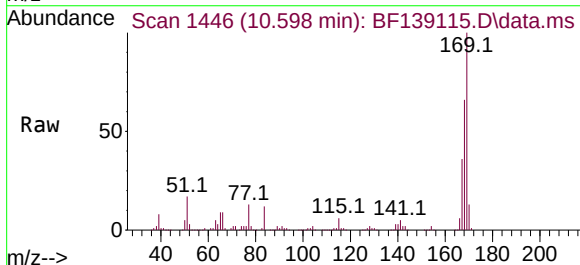
Manual Integrations
APPROVED

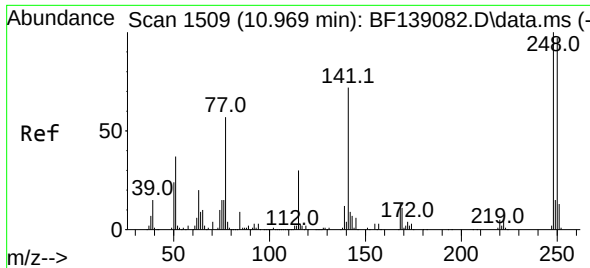
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#66
n-Nitrosodiphenylamine
Concen: 48.101 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:169 Resp: 568498
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 36.2 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 48.081 ng
RT: 10.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

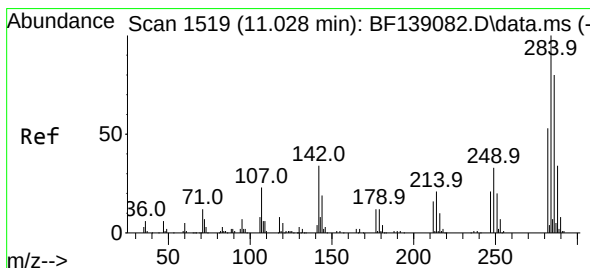
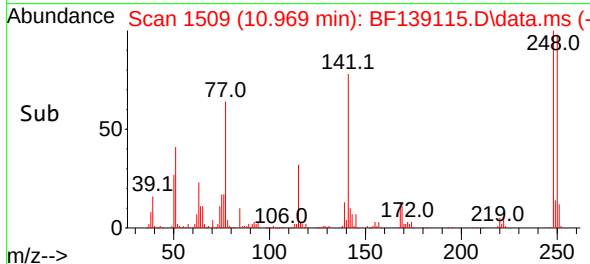
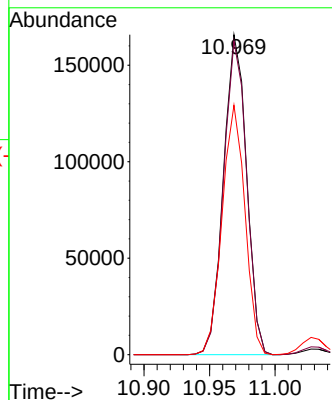
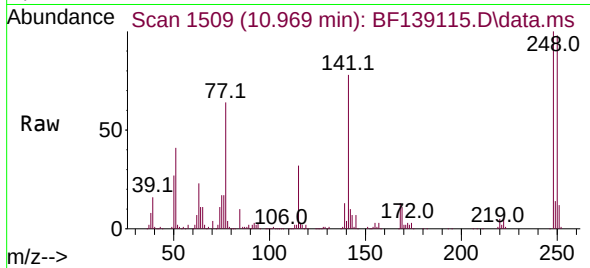
PB162687BS

Tgt Ion:248 Resp: 20350
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.8
141 78.0 57.9 86.9

Manual Integrations

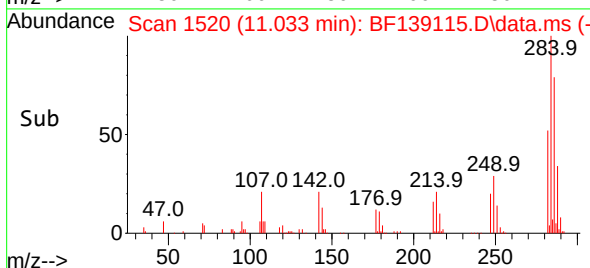
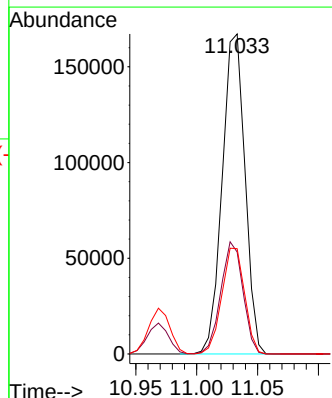
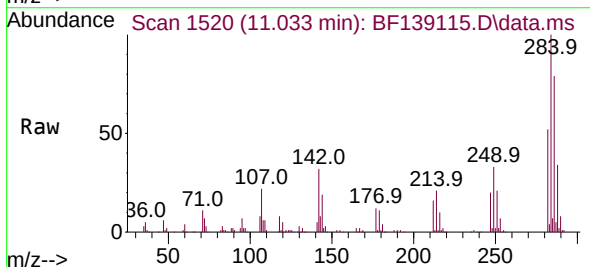
APPROVED

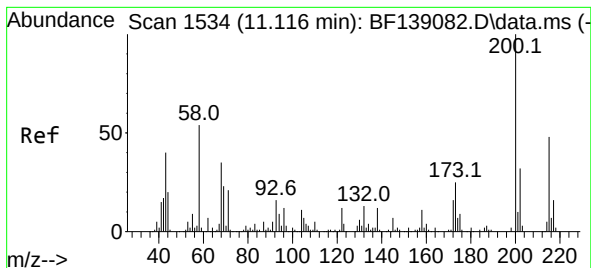
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#68
Hexachlorobenzene
Concen: 47.883 ng
RT: 11.033 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:284 Resp: 217427
Ion Ratio Lower Upper
284 100
142 31.8 27.1 40.7
249 32.9 26.8 40.2





#69

Atrazine

Concen: 55.863 ng

RT: 11.127 min Scan# 11

Delta R.T. 0.011 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

Tgt Ion:200 Resp: 20164

Ion Ratio Lower Upper

200 100

173 25.5 5.2 45.2

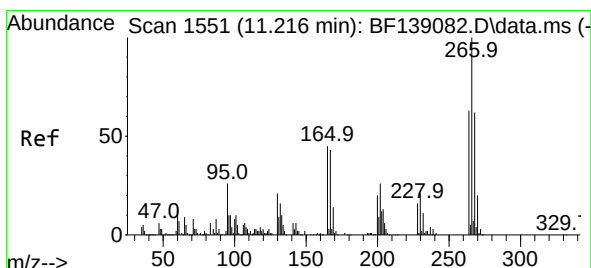
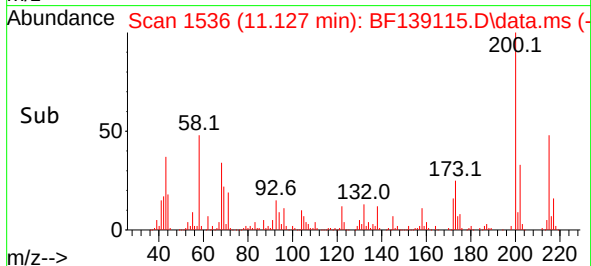
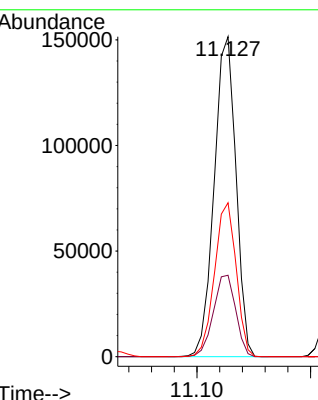
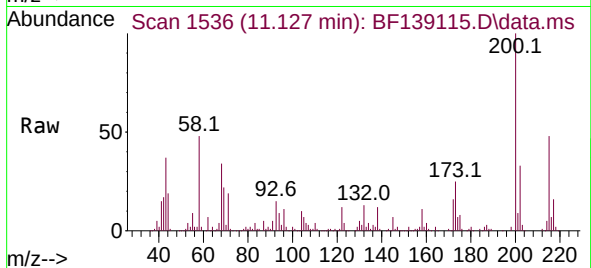
215 48.1 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#70

Pentachlorophenol

Concen: 100.866 ng

RT: 11.221 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

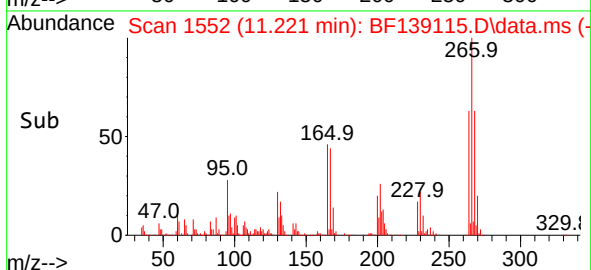
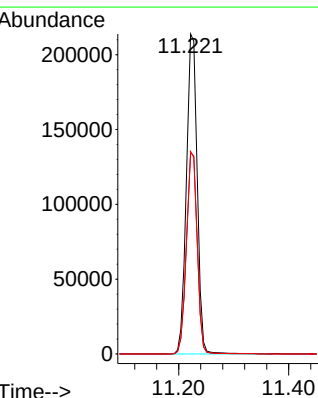
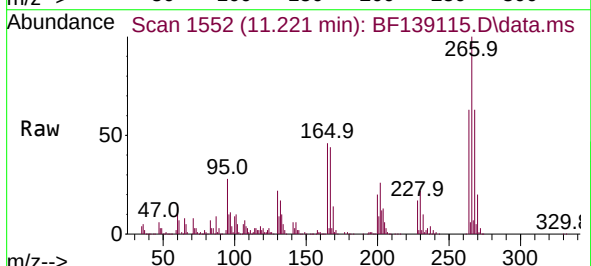
Tgt Ion:266 Resp: 292567

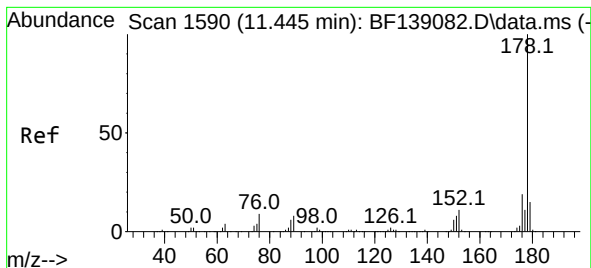
Ion Ratio Lower Upper

266 100

268 62.8 49.5 74.3

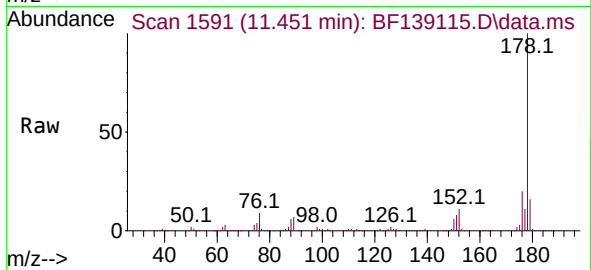
264 63.3 50.0 75.0





#71
Phenanthrene
Concen: 47.979 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

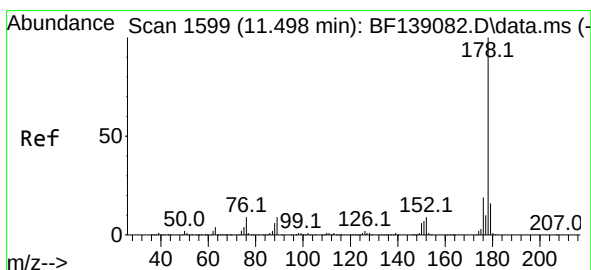
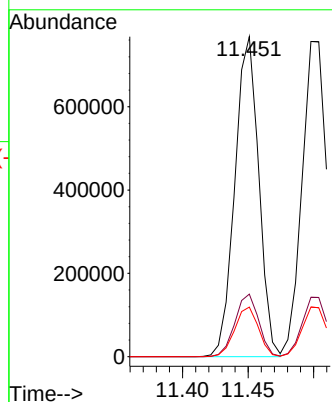
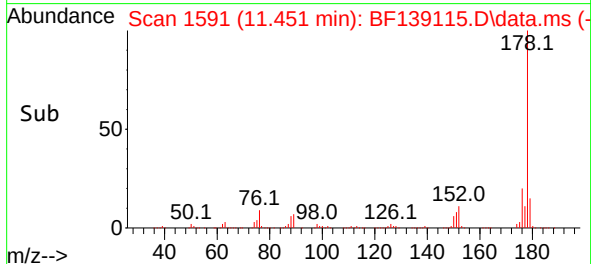
Instrument :
BNA_F
ClientSampleId :
PB162687BS



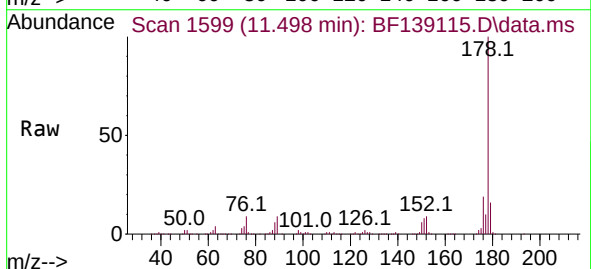
Tgt Ion:178 Resp: 974080
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.5 12.3 18.5

Manual Integrations
APPROVED

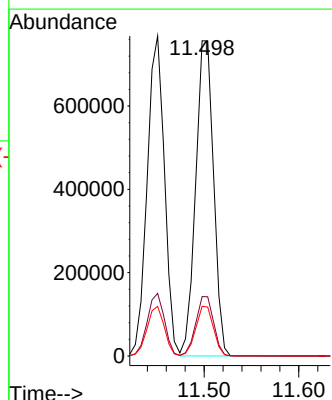
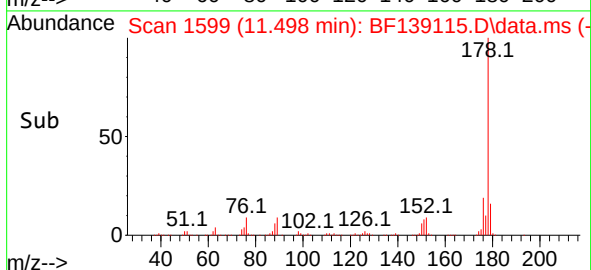
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024

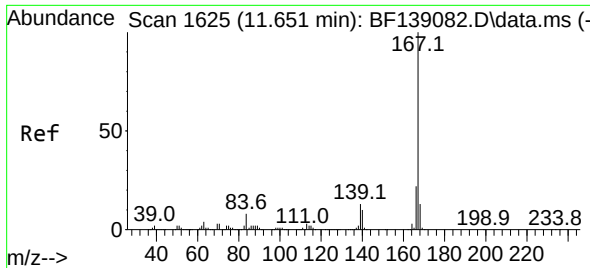


#72
Anthracene
Concen: 50.042 ng
RT: 11.498 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23



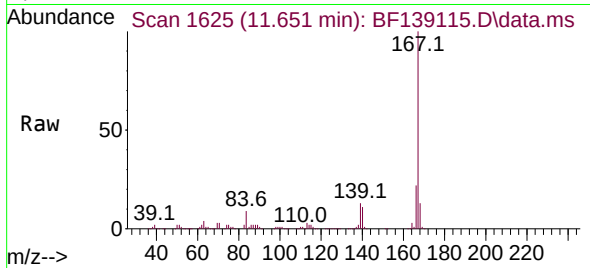
Tgt Ion:178 Resp: 993587
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 46.910 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139115.D
 Acq: 22 Aug 2024 11:23

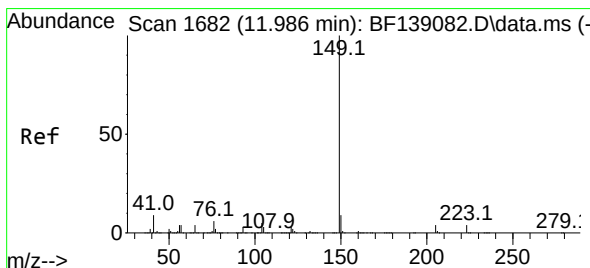
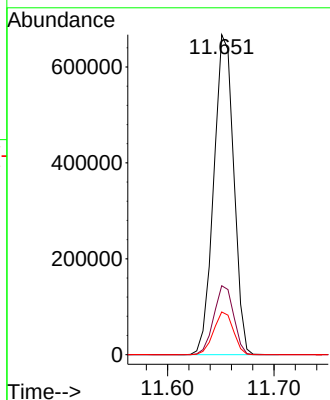
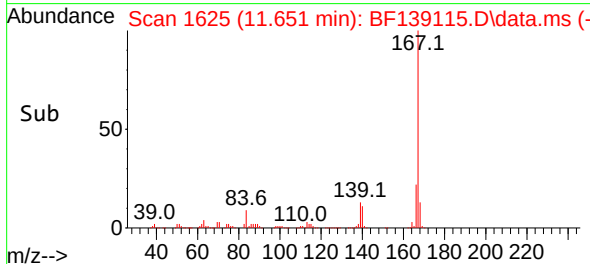
Instrument :
 BNA_F
 ClientSampleId :
 PB162687BS



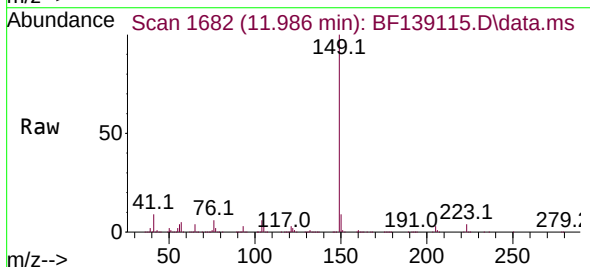
Tgt Ion:167 Resp: 869735
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.4 10.5 15.7

Manual Integrations
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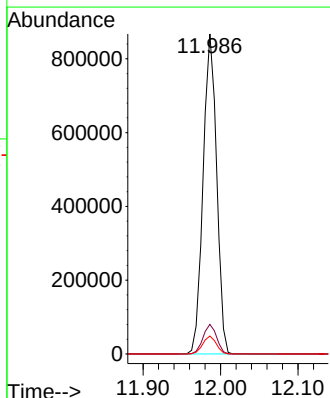
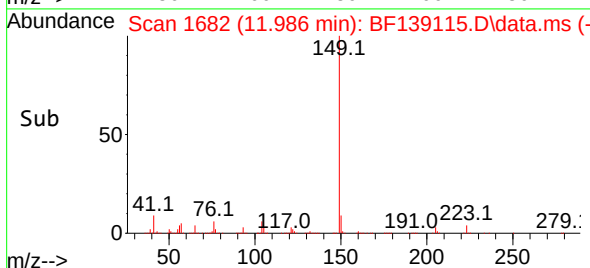
Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/23/2024

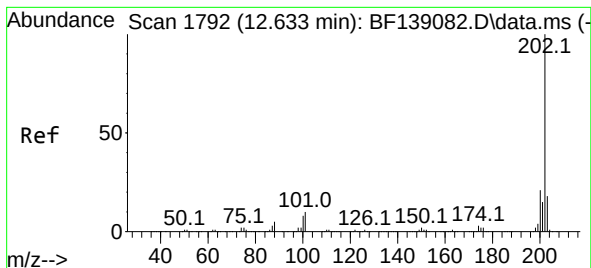


#74
 Di-n-butylphthalate
 Concen: 48.894 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139115.D
 Acq: 22 Aug 2024 11:23



Tgt Ion:149 Resp: 1051130
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 46.591 ng

RT: 12.633 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139115.D

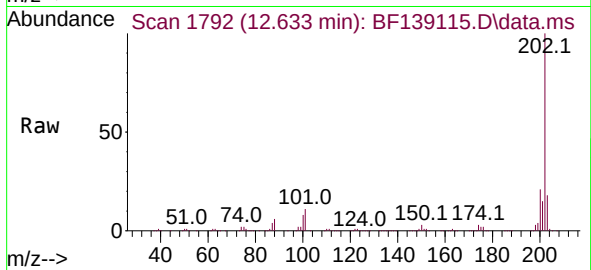
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS



Tgt Ion:202 Resp: 100959

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.2

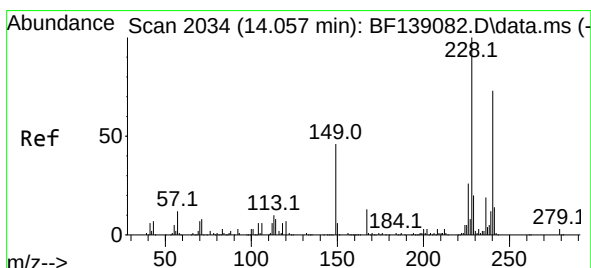
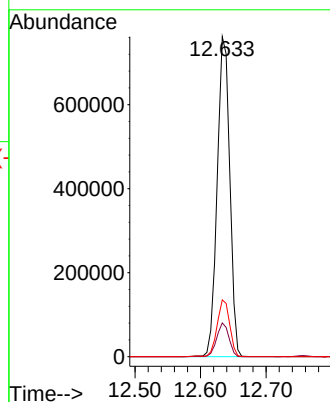
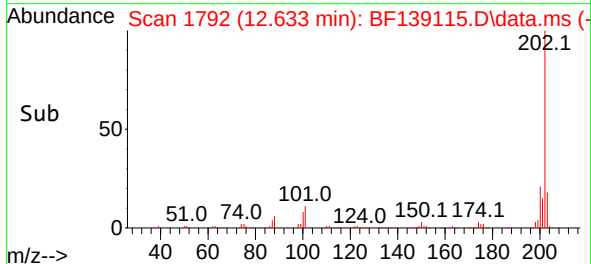
203 17.8 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

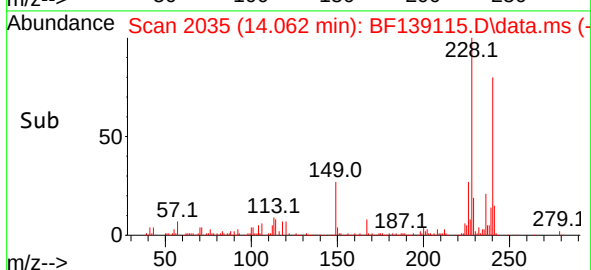
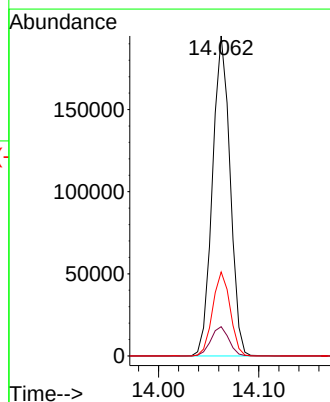
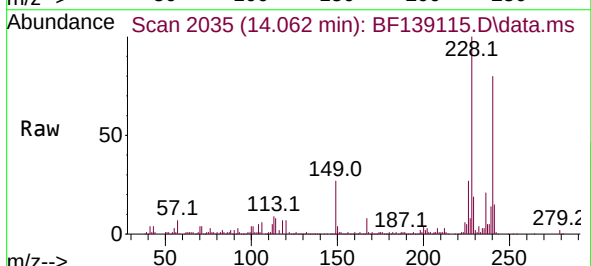
Tgt Ion:240 Resp: 238276

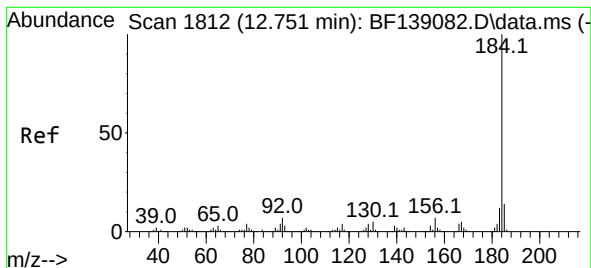
Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 26.3 20.9 31.3





#77

Benzidine

Concen: 77.194 ng

RT: 12.757 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF139115.D

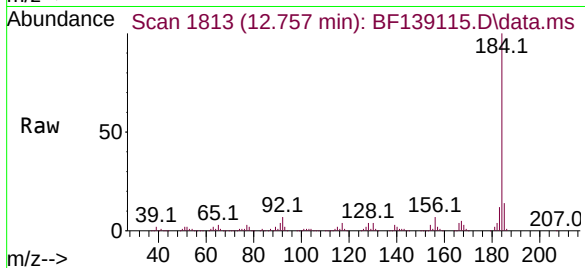
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS



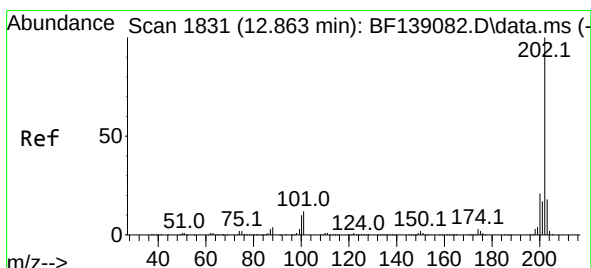
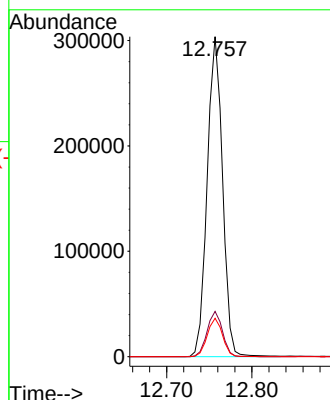
Tgt Ion:184	Resp:	37994
Ion Ratio	Lower	Upper
184	100	
185	14.2	11.5 17.3
183	12.0	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#78

Pyrene

Concen: 51.237 ng

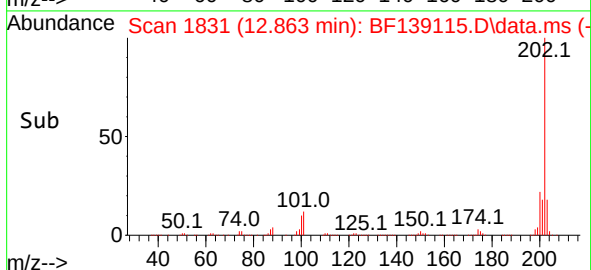
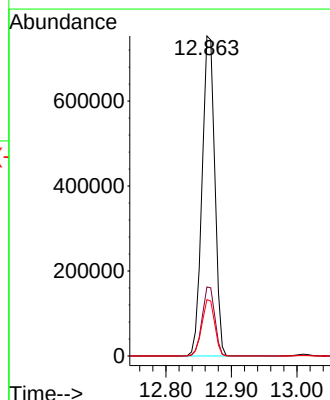
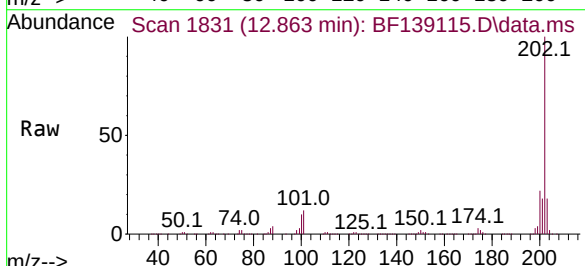
RT: 12.863 min Scan# 1831

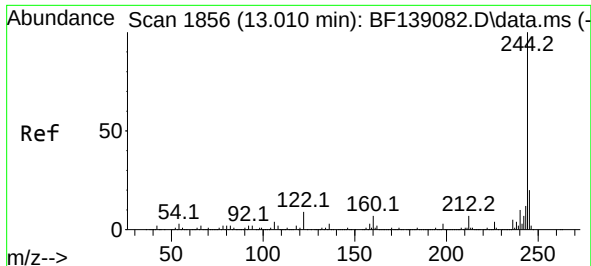
Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Tgt Ion:202	Resp:	1018817
Ion Ratio	Lower	Upper
202	100	
200	21.5	17.0 25.6
203	17.6	14.1 21.1





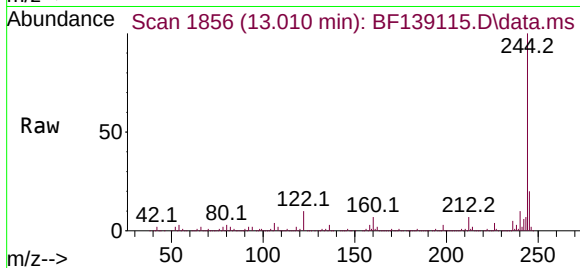
#79
 Terphenyl-d14
 Concen: 109.662 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139115.D
 Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS



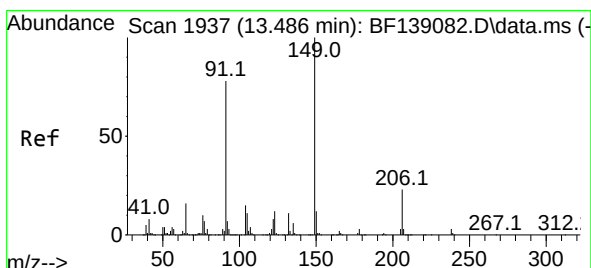
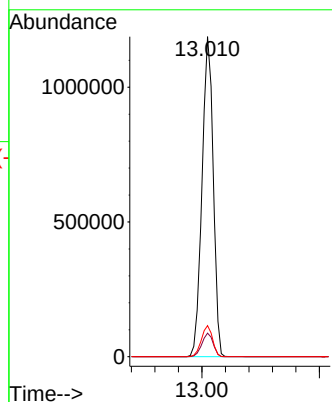
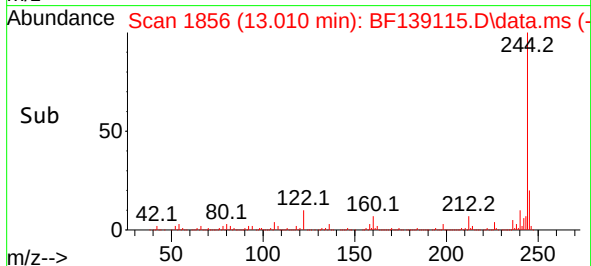
Tgt Ion:244 Resp: 1574760
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.7 7.6 11.4

Manual Integrations

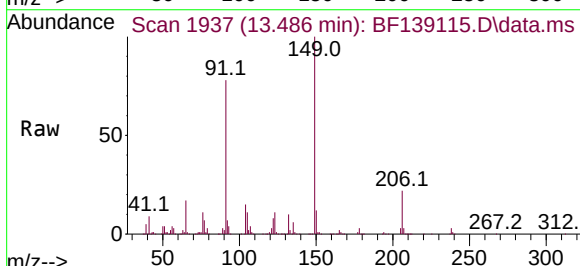
APPROVED

Reviewed By :Yogesh Patel 08/23/2024

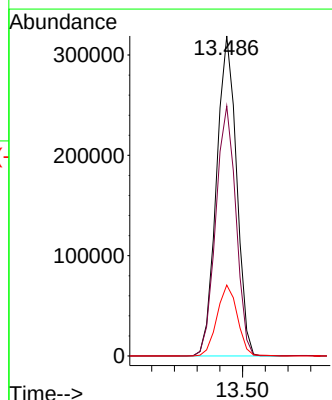
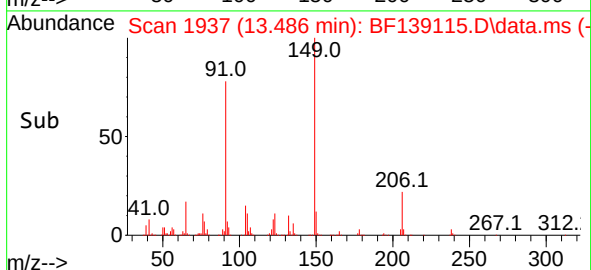
Supervised By :mohammad ahmed 08/23/2024

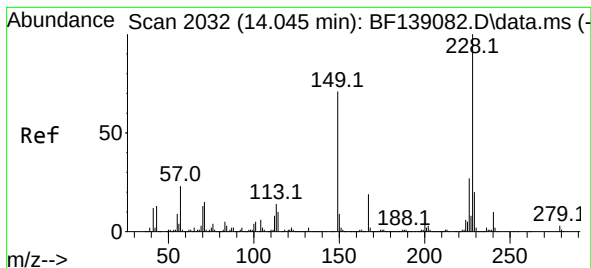


#80
 Butylbenzylphthalate
 Concen: 56.989 ng
 RT: 13.486 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: BF139115.D
 Acq: 22 Aug 2024 11:23



Tgt Ion:149 Resp: 392044
 Ion Ratio Lower Upper
 149 100
 91 78.1 62.1 93.1
 206 22.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 48.651 ng

RT: 14.051 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

Tgt Ion:228 Resp: 762028

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

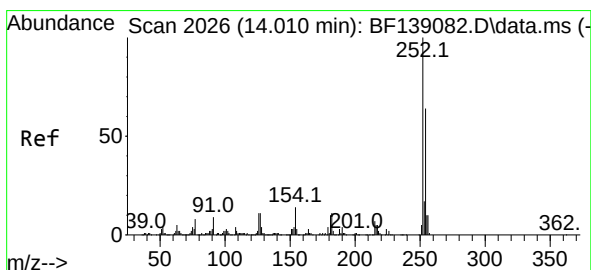
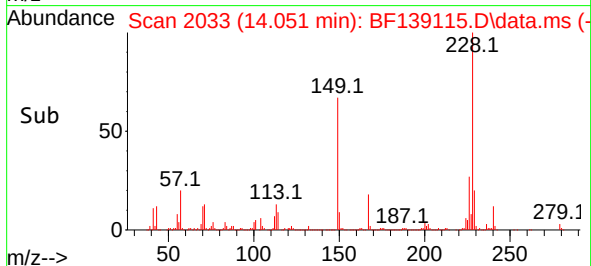
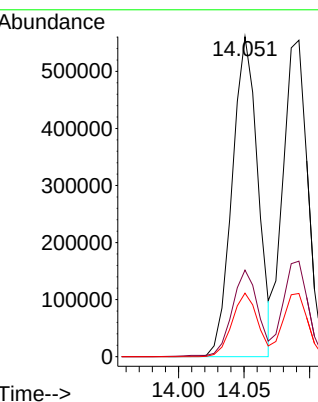
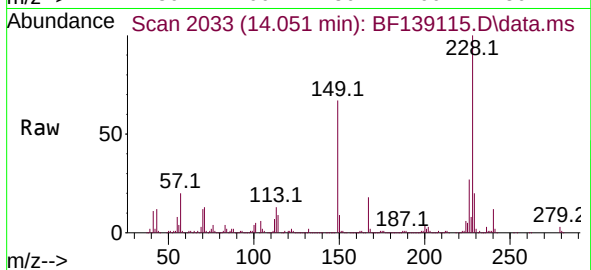
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#82

3,3'-Dichlorobenzidine

Concen: 34.203 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

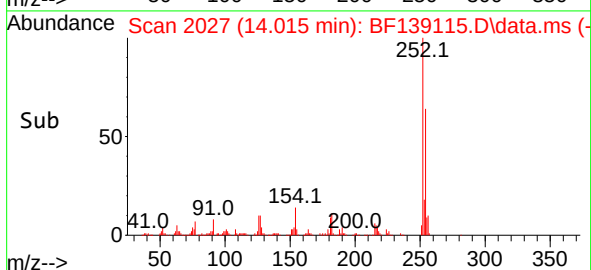
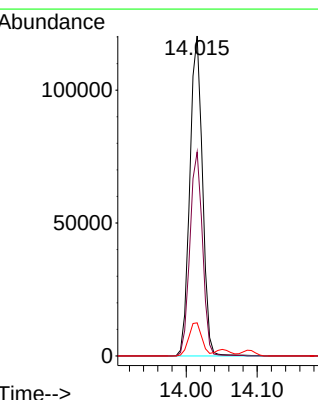
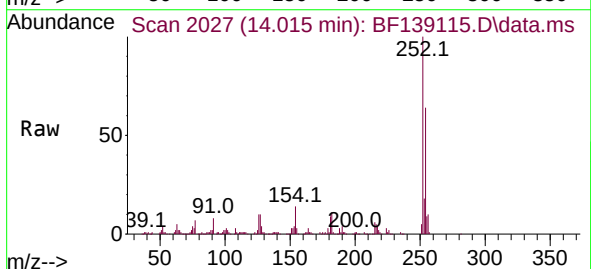
Tgt Ion:252 Resp: 149750

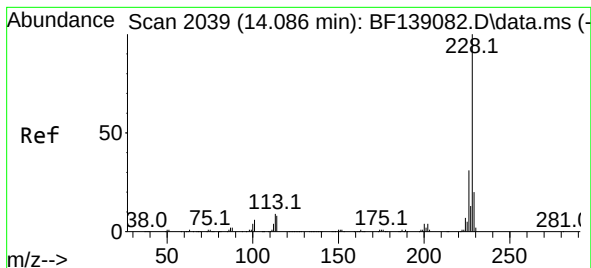
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.0

126 10.4 8.6 12.8





#83

Chrysene

Concen: 50.828 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

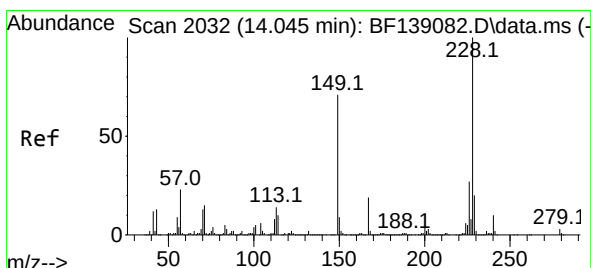
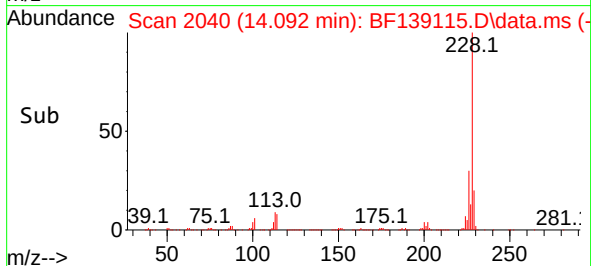
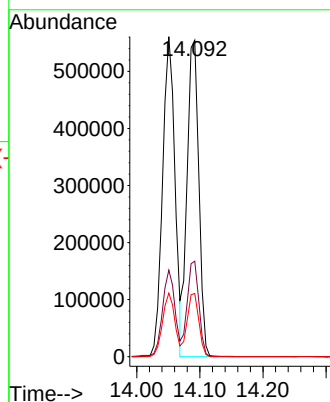
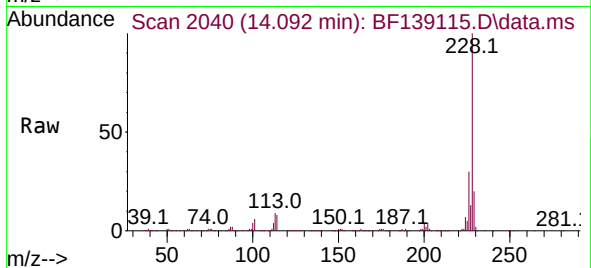
Tgt Ion:228	Resp: 721610
Ion Ratio	Lower Upper
228 100	
226 30.2	24.3 36.5
229 20.0	15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.290 ng

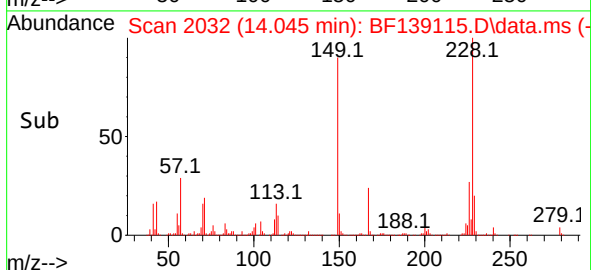
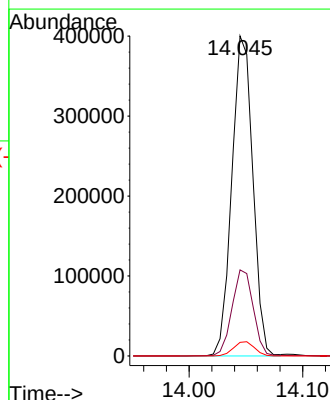
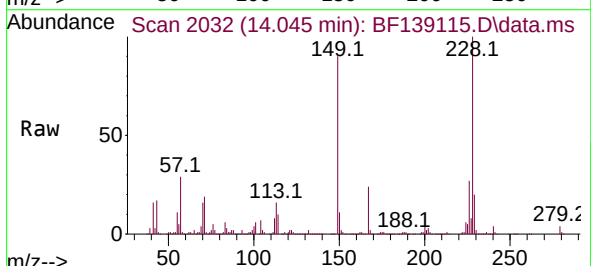
RT: 14.045 min Scan# 2032

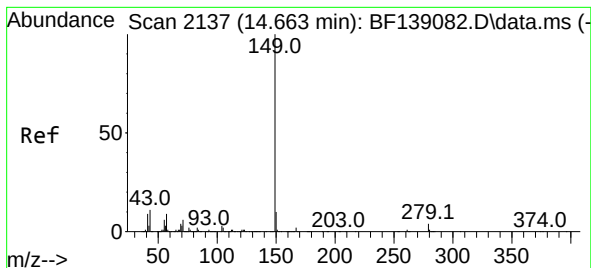
Delta R.T. -0.000 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Tgt Ion:149	Resp: 513359
Ion Ratio	Lower Upper
149 100	
167 26.9	21.8 32.6
279 4.3	3.5 5.3





#85

Di-n-octyl phthalate

Concen: 57.657 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139115.D

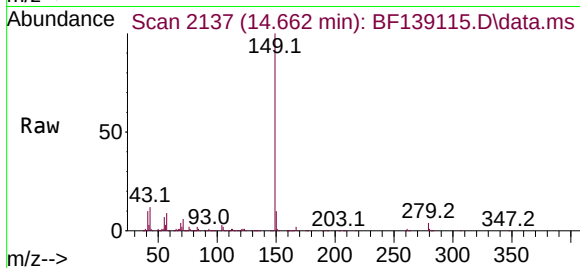
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS



Tgt Ion:149 Resp: 738010

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

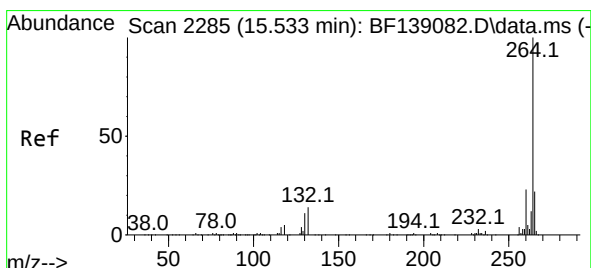
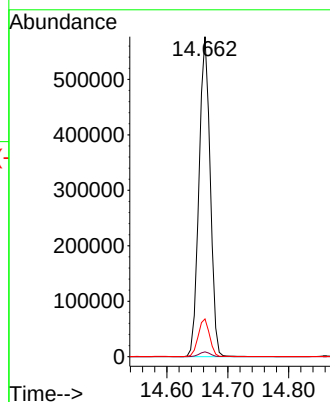
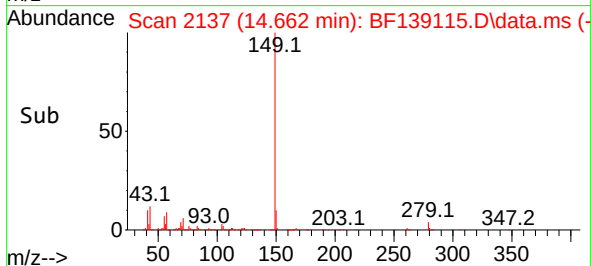
43 11.9 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

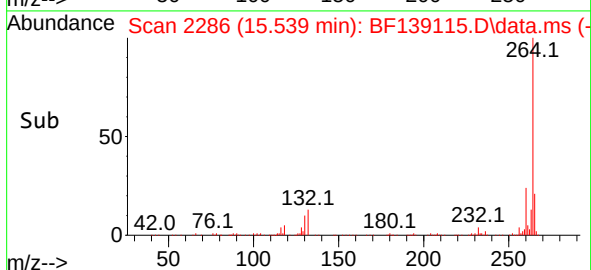
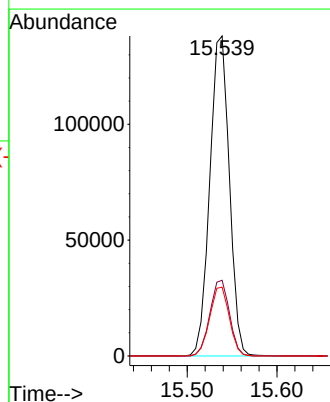
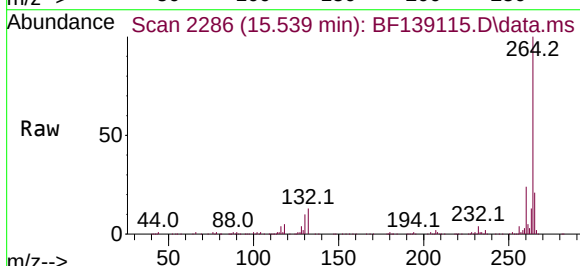
Tgt Ion:264 Resp: 208759

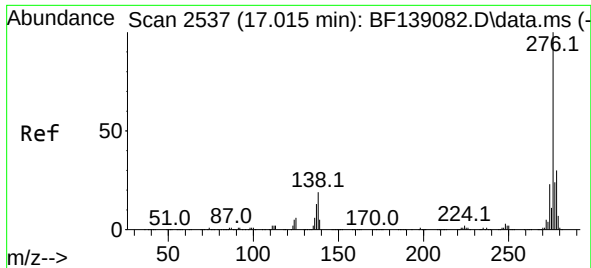
Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.5 17.4 26.2





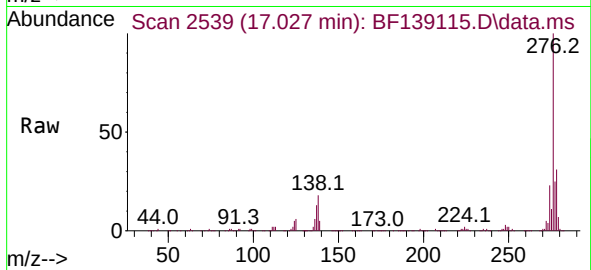
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.461 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

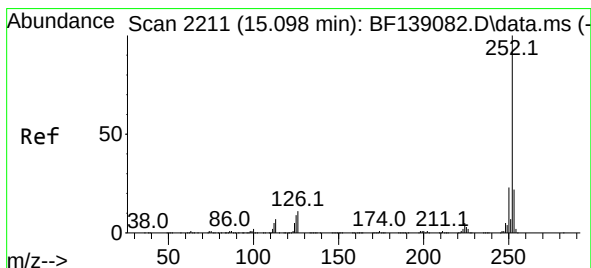
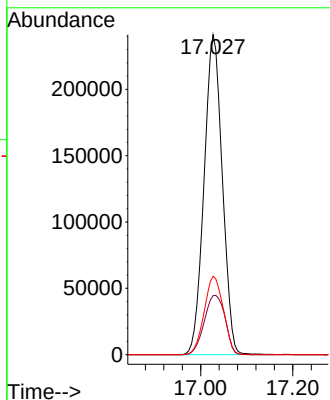
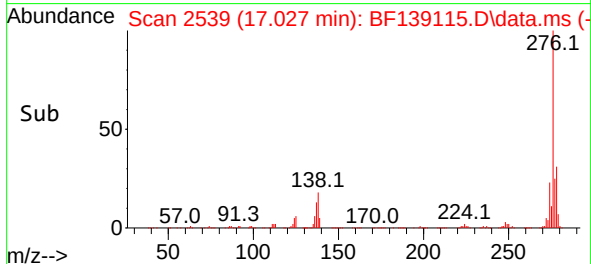


Tgt Ion:276 Resp: 665388
Ion Ratio Lower Upper
276 100
138 21.1 17.3 25.9
277 25.7 20.2 30.4

Manual Integrations

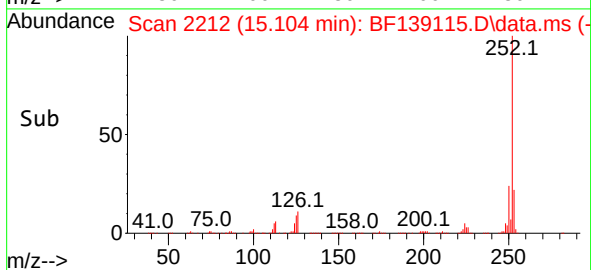
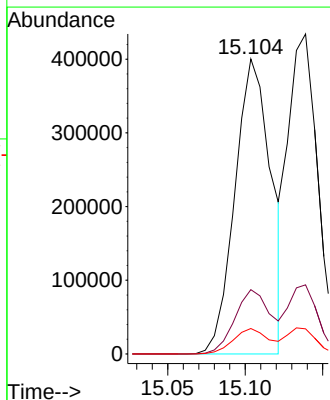
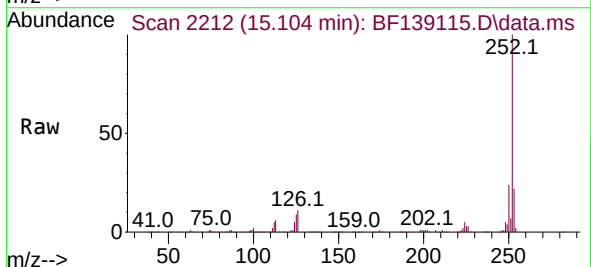
APPROVED

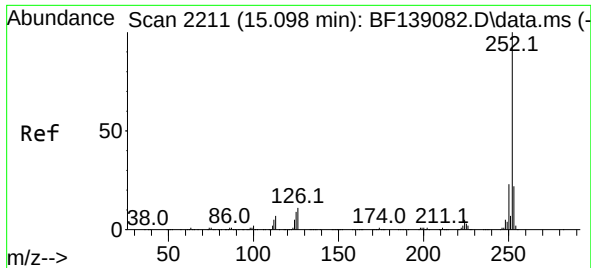
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#88
Benzo(b)fluoranthene
Concen: 47.752 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:252 Resp: 649898
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.6 7.0 10.6





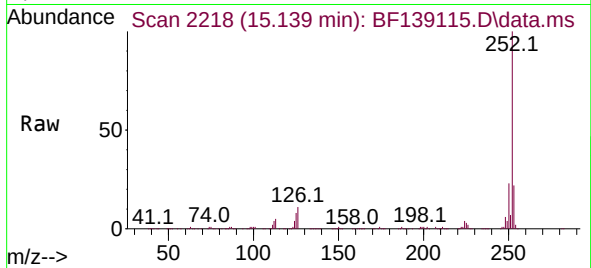
#89
Benzo(k)fluoranthene
Concen: 50.179 ng
RT: 15.139 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

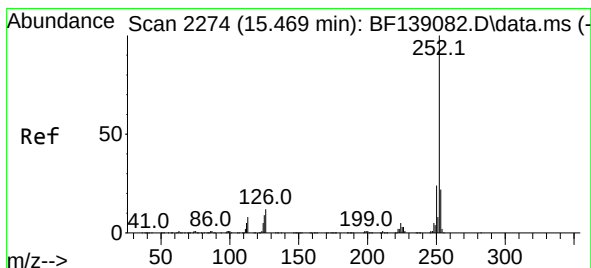
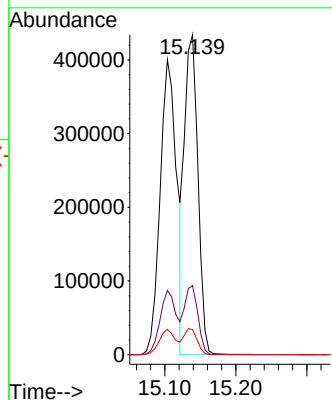
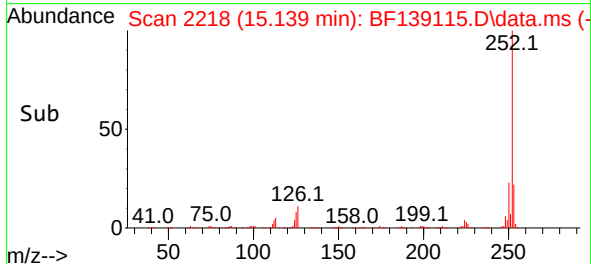


Tgt Ion:252 Resp: 56878
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 7.9 7.0 10.6

Manual Integrations

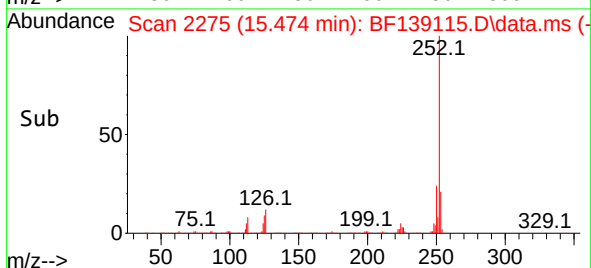
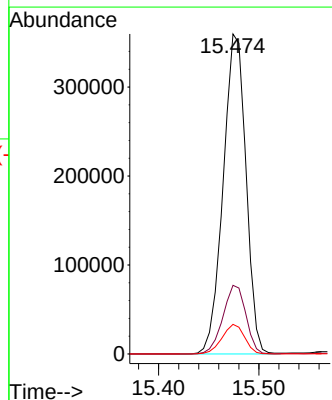
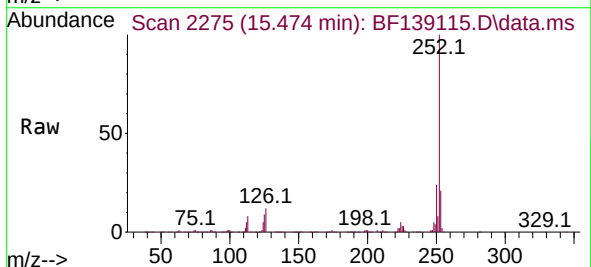
APPROVED

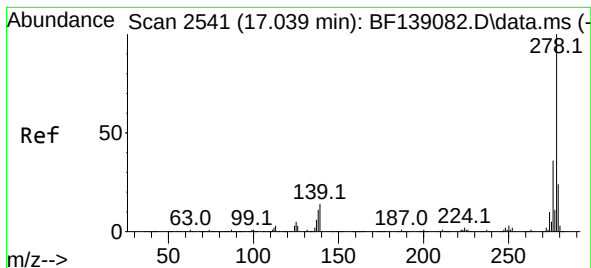
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/23/2024



#90
Benzo(a)pyrene
Concen: 52.860 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139115.D
Acq: 22 Aug 2024 11:23

Tgt Ion:252 Resp: 568450
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.3 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 55.093 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.011 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB162687BS

Tgt Ion:278 Resp: 55254

Ion Ratio Lower Upper

278 100

139 13.1 10.8 16.2

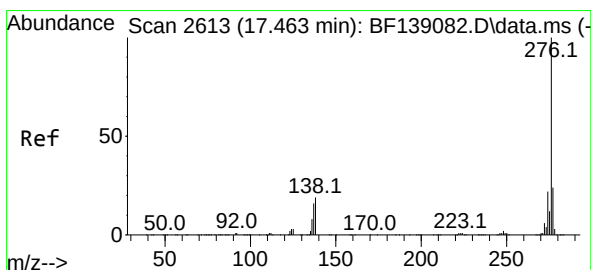
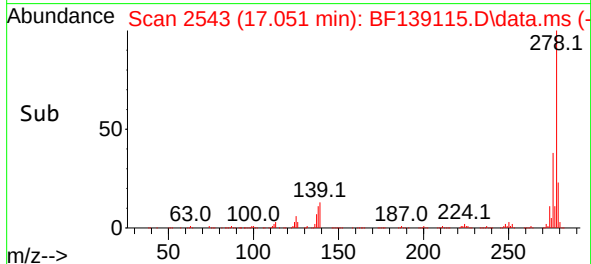
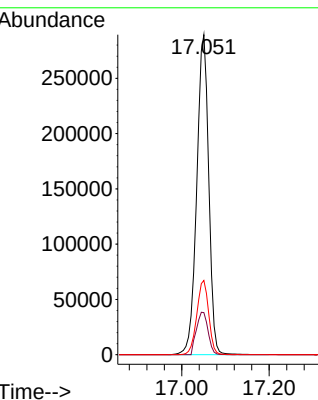
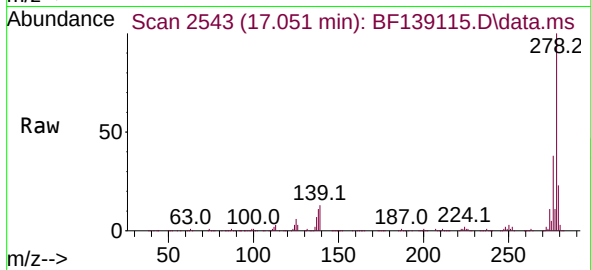
279 23.2 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/23/2024



#92

Benzo(g,h,i)perylene

Concen: 43.932 ng

RT: 17.480 min Scan# 2616

Delta R.T. 0.017 min

Lab File: BF139115.D

Acq: 22 Aug 2024 11:23

Tgt Ion:276 Resp: 500508

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 17.4 15.0 22.4

