

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139815.D
 Acq On : 15 Oct 2024 16:36
 Operator : RC/JU
 Sample : PB164157BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164157BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 17:13:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	104700	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	404007	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	228692	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	390235	20.000	ng	0.00
76) Chrysene-d12	14.015	240	169025	20.000	ng	0.00
86) Perylene-d12	15.480	264	216444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	713876	115.044	ng	0.01
7) Phenol-d6	6.492	99	943670	114.350	ng	0.00
23) Nitrobenzene-d5	7.416	82	609081	77.597	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	224738	116.520	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1114100	72.864	ng	0.00
79) Terphenyl-d14	12.957	244	866374	104.967	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	95049	35.203	ng	98
3) Pyridine	3.440	79	248921	37.672	ng	99
4) n-Nitrosodimethylamine	3.398	42	159187	40.567	ng	99
6) Aniline	6.516	93	282273	39.698	ng	# 76
8) 2-Chlorophenol	6.639	128	273121	41.689	ng	98
9) Benzaldehyde	6.404	77	81956	17.681	ng	99
10) Phenol	6.504	94	355269	41.012	ng	96
11) bis(2-Chloroethyl)ether	6.592	93	267739	41.446	ng	98
12) 1,3-Dichlorobenzene	6.792	146	284116	38.355	ng	99
13) 1,4-Dichlorobenzene	6.869	146	287651	38.711	ng	99
14) 1,2-Dichlorobenzene	7.022	146	274840	39.864	ng	99
15) Benzyl Alcohol	6.998	79	252235	42.466	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	473014	41.783	ng	99
17) 2-Methylphenol	7.110	107	218925	41.307	ng	98
18) Hexachloroethane	7.363	117	105707	39.266	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	200001	41.617	ng	99
20) 3+4-Methylphenols	7.263	107	273949	41.107	ng	99
22) Acetophenone	7.263	105	370473	39.074	ng	98
24) Nitrobenzene	7.439	77	305884	37.381	ng	99
25) Isophorone	7.675	82	550668	41.109	ng	100
26) 2-Nitrophenol	7.751	139	145260	40.771	ng	97
27) 2,4-Dimethylphenol	7.792	122	208132m	48.075	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	324476	39.469	ng	99
29) 2,4-Dichlorophenol	7.998	162	226721	40.380	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	238636	37.330	ng	100
31) Naphthalene	8.157	128	799708	38.408	ng	100
32) Benzoic acid	7.922	122	156899	39.252	ng	99
33) 4-Chloroaniline	8.204	127	150899	22.099	ng	99
34) Hexachlorobutadiene	8.269	225	151361	37.314	ng	100
35) Caprolactam	8.580	113	68110m	42.966	ng	
36) 4-Chloro-3-methylphenol	8.692	107	244789	41.054	ng	99
37) 2-Methylnaphthalene	8.845	142	516367	39.556	ng	98
38) 1-Methylnaphthalene	8.945	142	479981	37.768	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	243003	36.584	ng	98
41) Hexachlorocyclopentadiene	8.998	237	236806	138.022	ng	100
43) 2,4,6-Trichlorophenol	9.127	196	162563	38.498	ng	100

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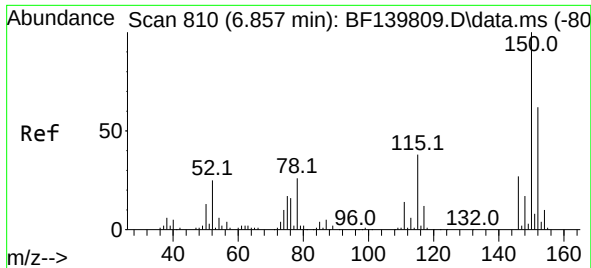
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	165548	36.587	ng	98
46) 1,1'-Biphenyl	9.310	154	640130	37.021	ng	99
47) 2-Chloronaphthalene	9.339	162	476369	36.058	ng	99
48) 2-Nitroaniline	9.433	65	170638	39.562	ng	99
49) Acenaphthylene	9.751	152	785202	40.469	ng	100
50) Dimethylphthalate	9.616	163	557601	39.833	ng	100
51) 2,6-Dinitrotoluene	9.680	165	122123	38.235	ng	99
52) Acenaphthene	9.927	154	483021	39.298	ng	99
53) 3-Nitroaniline	9.845	138	83445	26.204	ng	99
54) 2,4-Dinitrophenol	9.957	184	118233	91.089	ng	98
55) Dibenzofuran	10.098	168	710143	38.531	ng	100
56) 4-Nitrophenol	10.016	139	169076	88.194	ng	99
57) 2,4-Dinitrotoluene	10.086	165	158684	40.242	ng	96
58) Fluorene	10.439	166	547024	38.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	142972	42.492	ng	98
60) Diethylphthalate	10.310	149	548205	40.253	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	267981	37.809	ng	100
62) 4-Nitroaniline	10.463	138	116739	40.081	ng	100
63) Azobenzene	10.592	77	571173	40.229	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	83758	40.911	ng	98
66) n-Nitrosodiphenylamine	10.551	169	468566	37.960	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	157159	37.381	ng	99
68) Hexachlorobenzene	10.986	284	174159	37.031	ng	99
69) Atrazine	11.074	200	138727	60.201	ng	98
70) Pentachlorophenol	11.186	266	162338	80.713	ng	98
71) Phenanthrene	11.404	178	729100	39.114	ng	100
72) Anthracene	11.451	178	739749	40.388	ng	99
73) Carbazole	11.610	167	621097	38.327	ng	100
74) Di-n-butylphthalate	11.933	149	730597	41.491	ng	99
75) Fluoranthene	12.586	202	654227	37.199	ng	100
77) Benzidine	12.710	184	156606	55.465	ng	98
78) Pyrene	12.815	202	649667	39.099	ng	99
80) Butylbenzylphthalate	13.433	149	190026	42.185	ng	100
81) Benzo(a)anthracene	14.004	228	446599	39.779	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	98739	26.395	ng	98
83) Chrysene	14.039	228	411021	40.166	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	232320	39.983	ng	100
85) Di-n-octyl phthalate	14.598	149	431249	39.893	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	572773	39.518	ng	100
88) Benzo(b)fluoranthene	15.051	252	494597	39.838	ng	98
89) Benzo(k)fluoranthene	15.080	252	408129	37.042	ng	100
90) Benzo(a)pyrene	15.421	252	452266	41.706	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	465968	39.204	ng	100
92) Benzo(g,h,i)perylene	17.398	276	436333	35.001	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

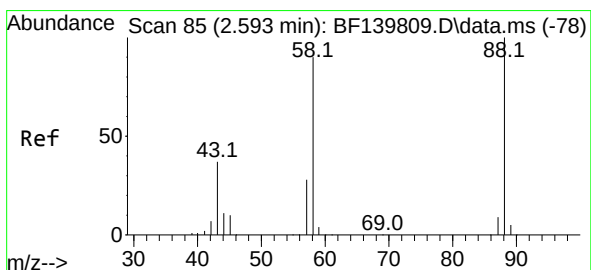
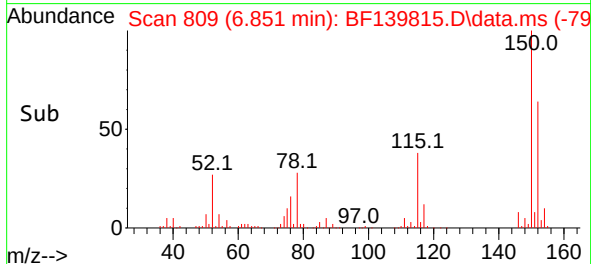
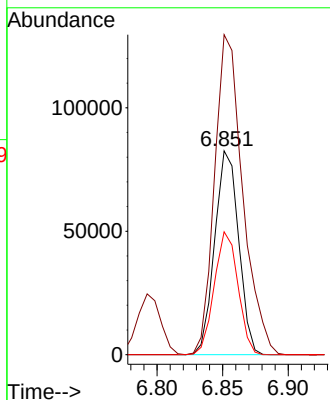
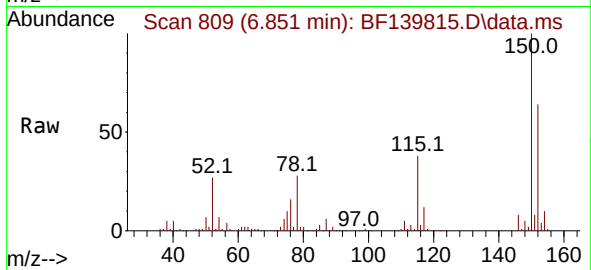
PB164157BS

Tgt Ion:152 Resp: 104700
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.2 192.2
 115 60.3 48.1 72.1

Manual Integrations

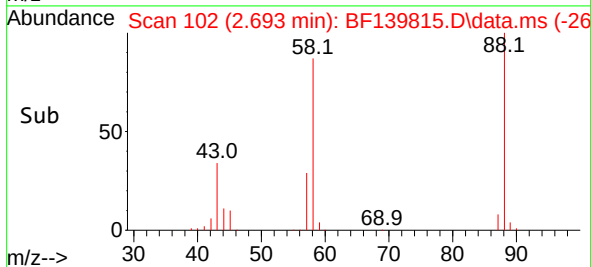
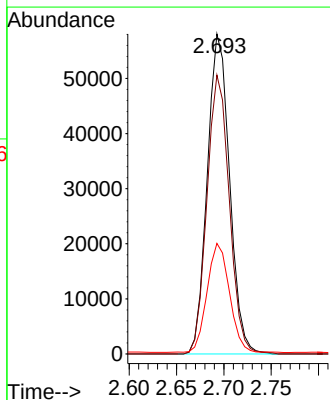
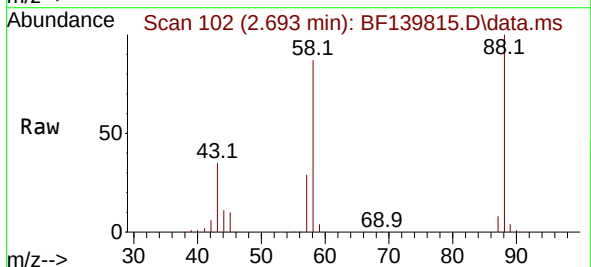
APPROVED

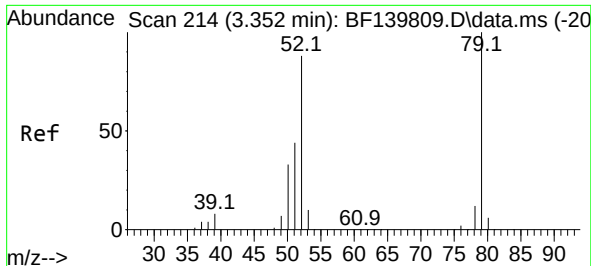
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024



#2
 1,4-Dioxane
 Concen: 35.203 ng
 RT: 2.693 min Scan# 102
 Delta R.T. 0.100 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36

Tgt Ion: 88 Resp: 95049
 Ion Ratio Lower Upper
 88 100
 58 87.4 71.3 106.9
 43 34.4 28.9 43.3





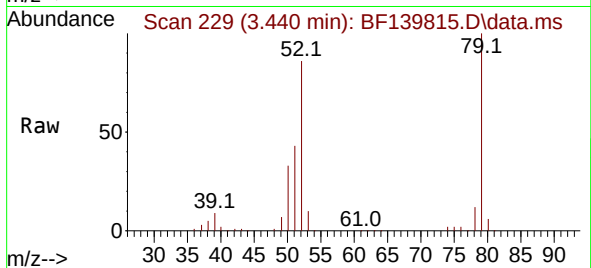
#3
Pyridine
Concen: 37.672 ng
RT: 3.440 min Scan# 214
Delta R.T. 0.088 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

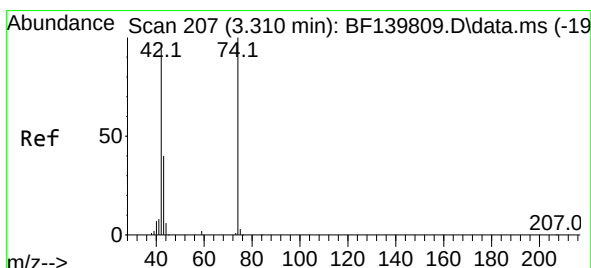
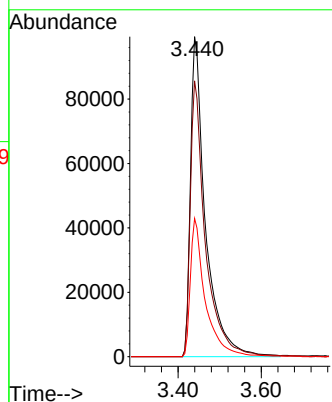
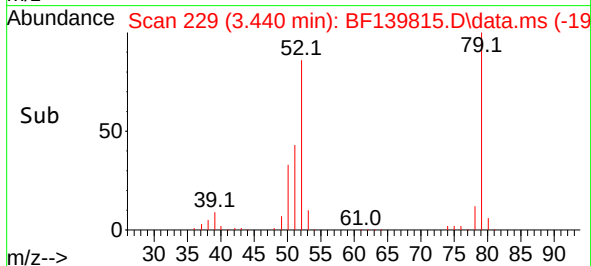


Tgt Ion: 79 Resp: 24892
Ion Ratio Lower Upper
79 100
52 86.2 70.0 105.0
51 43.2 35.2 52.8

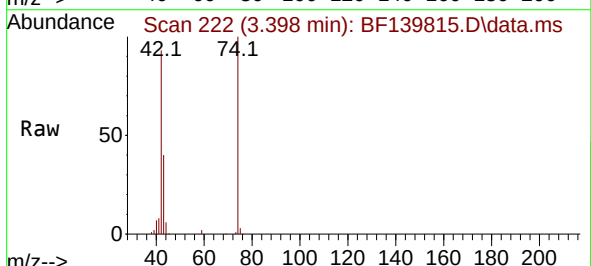
Manual Integrations

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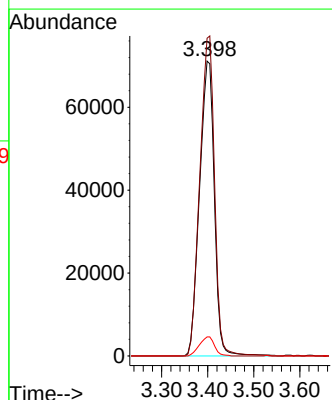
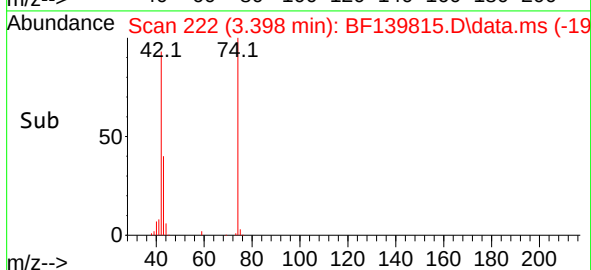
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

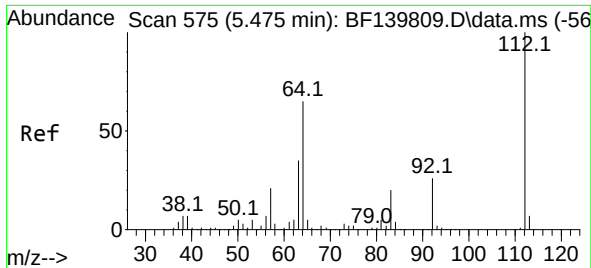


#4
n-Nitrosodimethylamine
Concen: 40.567 ng
RT: 3.398 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion: 42 Resp: 159187
Ion Ratio Lower Upper
42 100
74 107.8 85.5 128.3
44 6.5 5.2 7.8





#5
2-Fluorophenol
Concen: 115.044 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

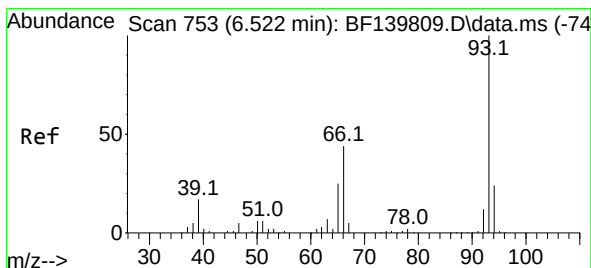
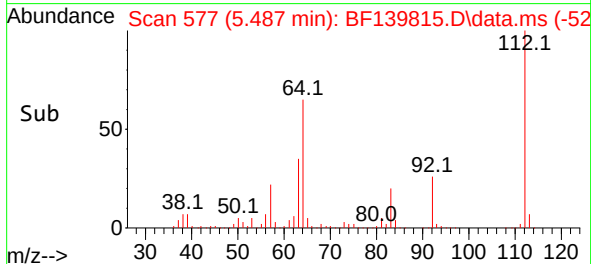
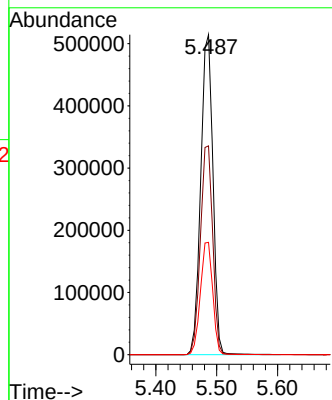
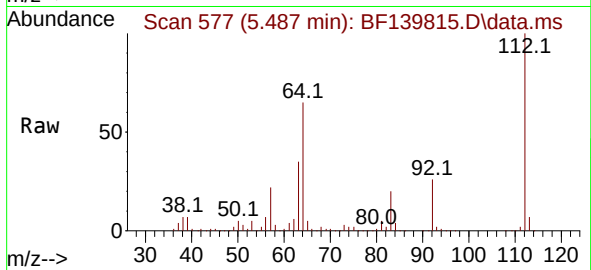
PB164157BS

Tgt Ion:112 Resp: 713870
Ion Ratio Lower Upper
112 100
64 65.2 52.1 78.1
63 35.1 27.6 41.4

Manual Integrations

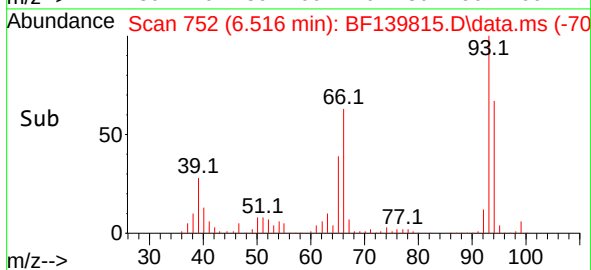
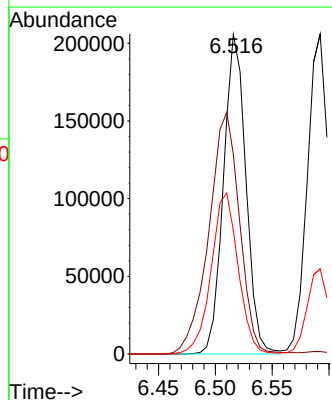
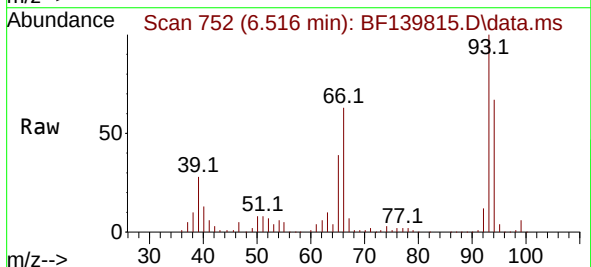
APPROVED

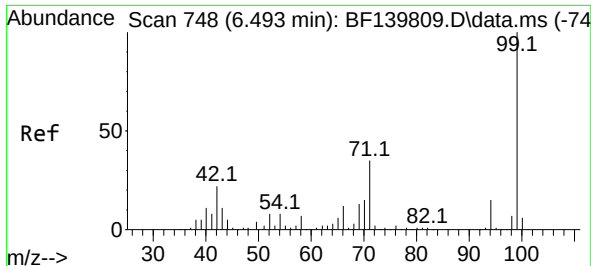
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#6
Aniline
Concen: 39.698 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

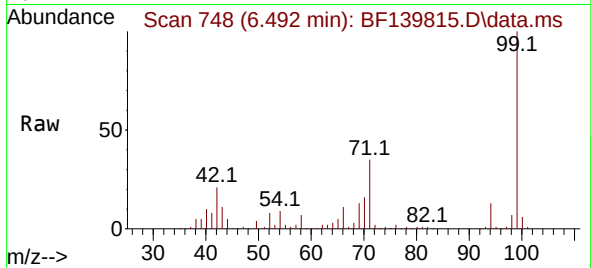
Tgt Ion: 93 Resp: 282273
Ion Ratio Lower Upper
93 100
66 62.5 37.3 55.9#
65 38.7 20.9 31.3#





#7
Phenol-d6
Concen: 114.350 ng
RT: 6.492 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

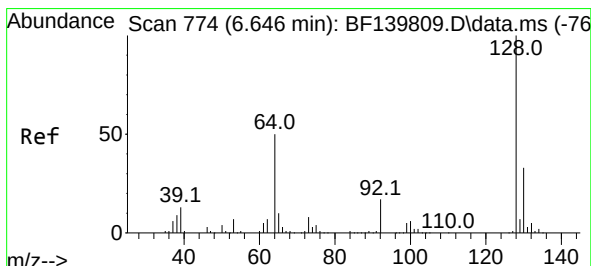
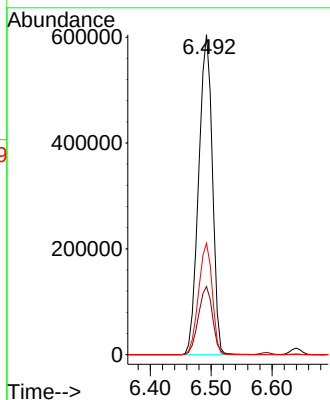
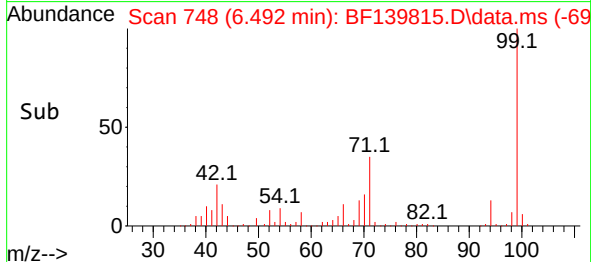
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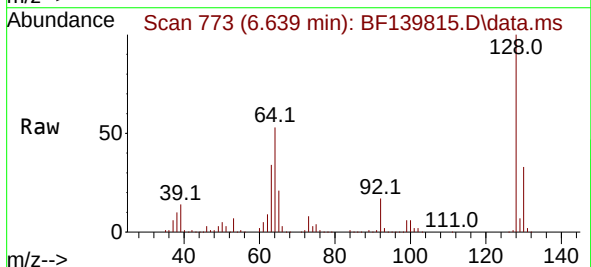
Tgt Ion: 99 Resp: 943670
Ion Ratio Lower Upper
99 100
42 21.3 17.3 25.9
71 34.9 27.8 41.6

Manual Integrations
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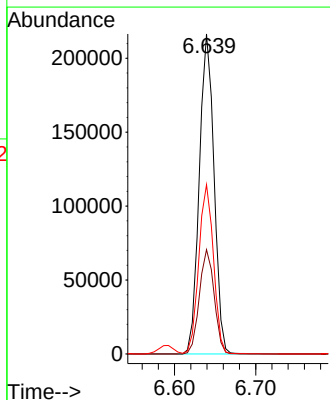
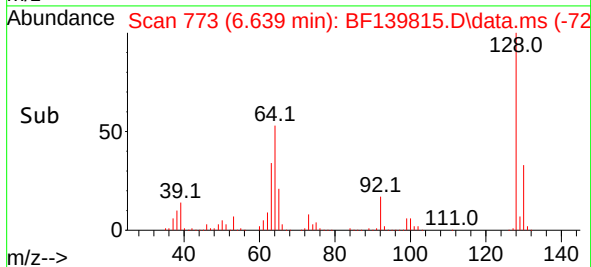
Reviewed By :Yogesh Patel 10/16/2024
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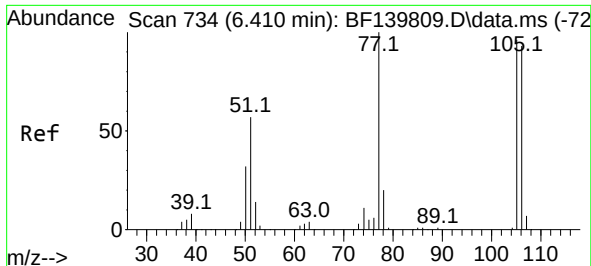


#8
2-Chlorophenol
Concen: 41.689 ng
RT: 6.639 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:128 Resp: 273121
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 52.9 31.2 71.2





#9
Benzaldehyde
Concen: 17.681 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

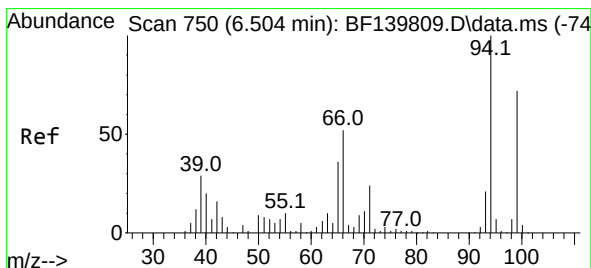
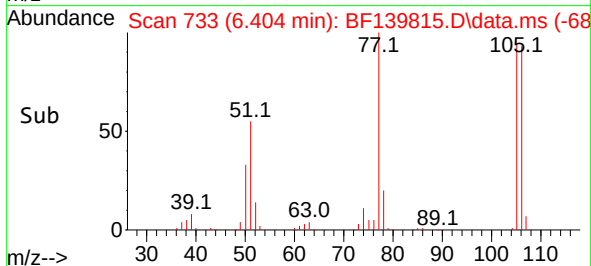
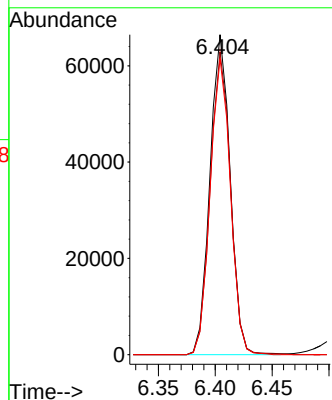
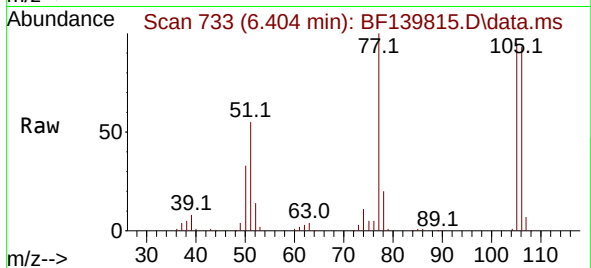
PB164157BS

Tgt Ion: 77 Resp: 81950
Ion Ratio Lower Upper
77 100
105 94.6 75.9 115.9
106 92.5 73.4 113.4

Manual Integrations

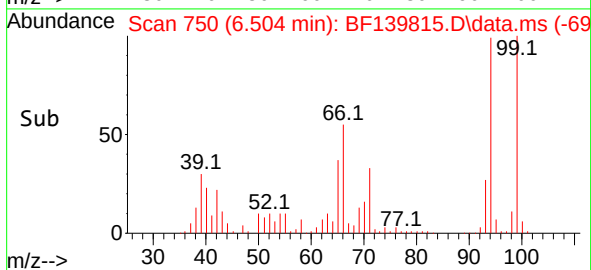
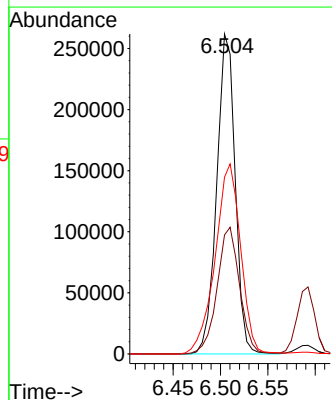
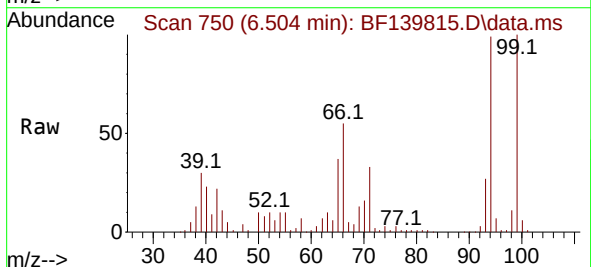
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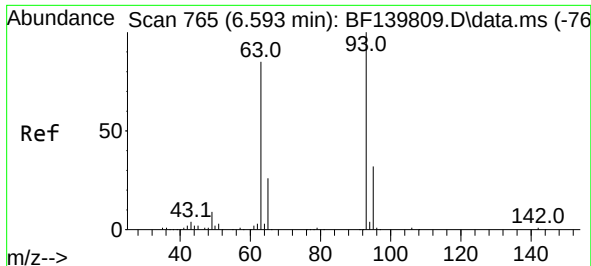
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#10
Phenol
Concen: 41.012 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion: 94 Resp: 355269
Ion Ratio Lower Upper
94 100
65 37.2 15.7 55.7
66 55.2 32.2 72.2





#11

bis(2-Chloroethyl)ether

Concen: 41.446 ng

RT: 6.592 min Scan# 709

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

Tgt Ion: 93 Resp: 267739

Ion Ratio Lower Upper

93 100

63 82.2 64.7 104.7

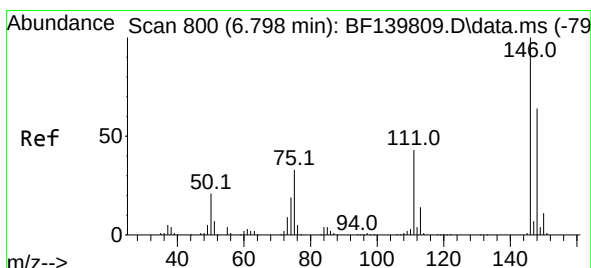
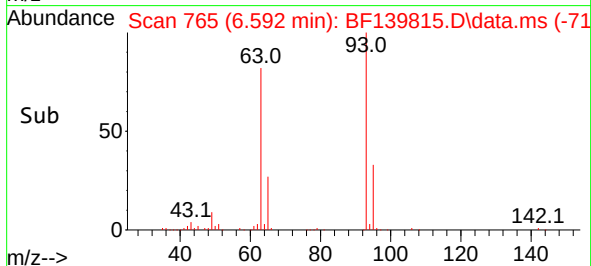
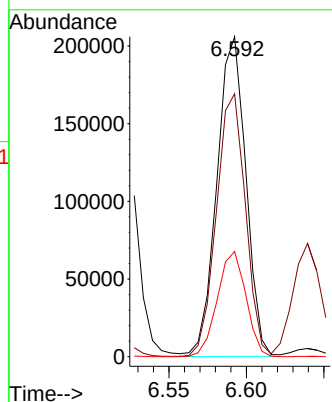
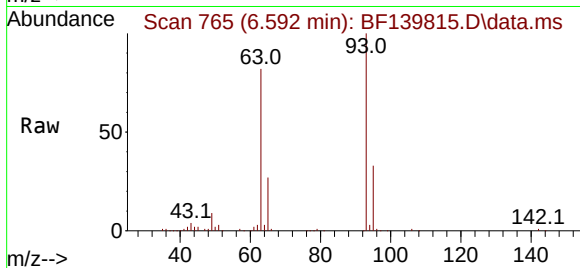
95 32.9 11.9 51.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#12

1,3-Dichlorobenzene

Concen: 38.355 ng

RT: 6.792 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

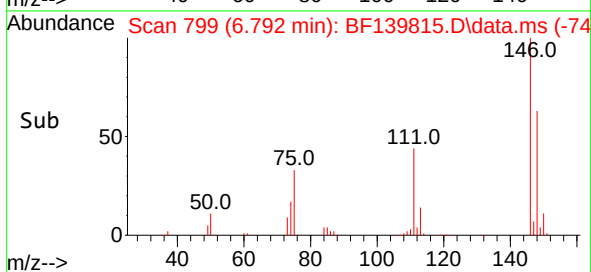
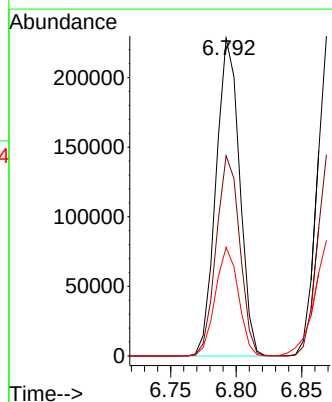
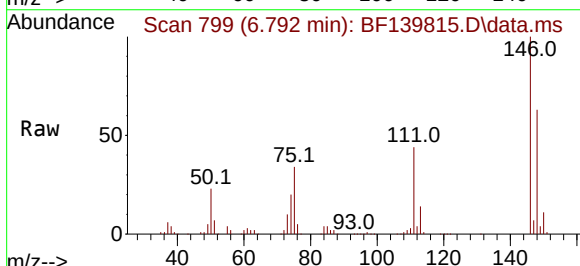
Tgt Ion:146 Resp: 284116

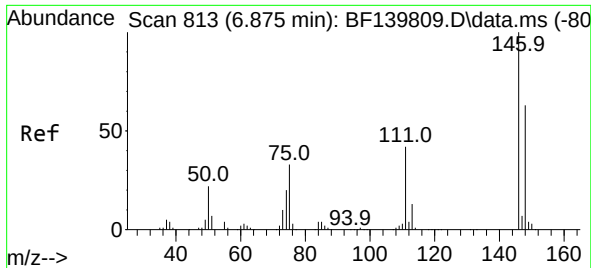
Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.6

75 34.2 26.3 39.5





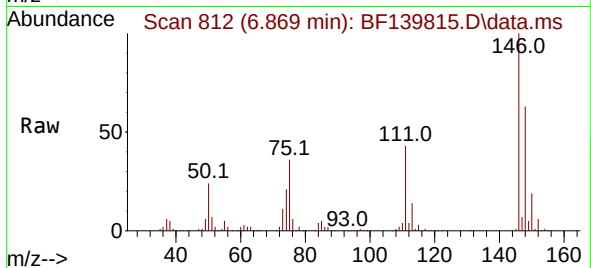
#13
1,4-Dichlorobenzene
Concen: 38.711 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



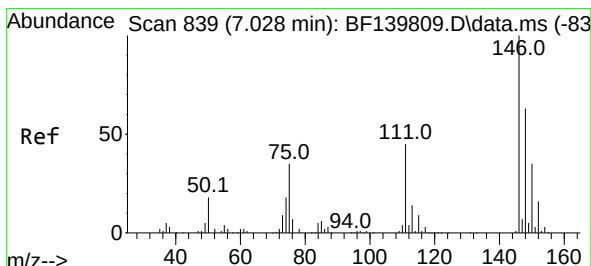
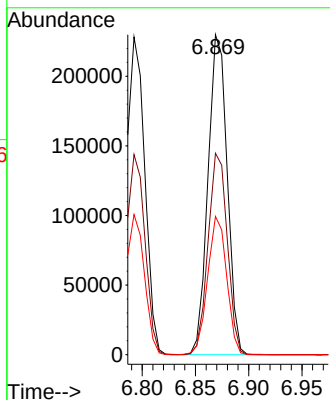
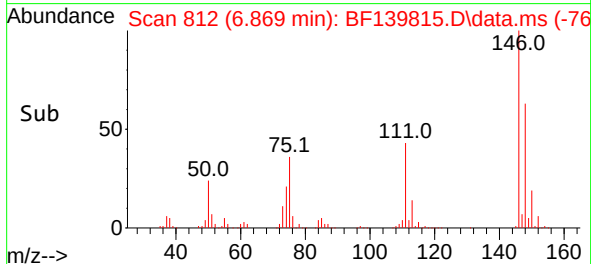
Tgt Ion:146 Resp: 28765
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
111 43.2 33.8 50.8

Manual Integrations

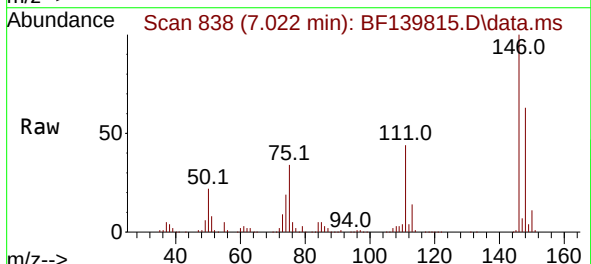
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

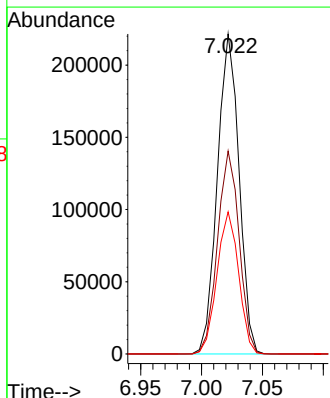
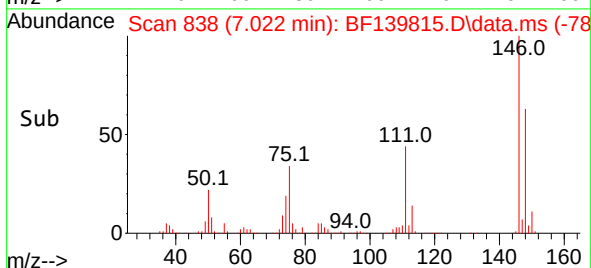
Supervised By :mohammad ahmed 10/16/2024

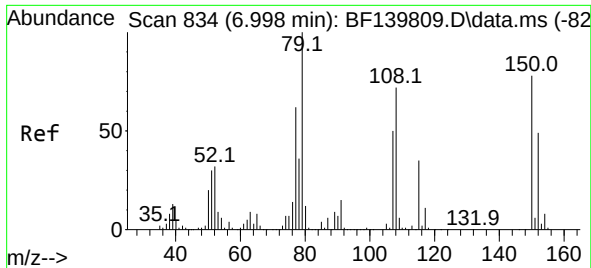


#14
1,2-Dichlorobenzene
Concen: 39.864 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:146 Resp: 274840
Ion Ratio Lower Upper
146 100
148 63.4 50.4 75.6
111 44.4 36.0 54.0





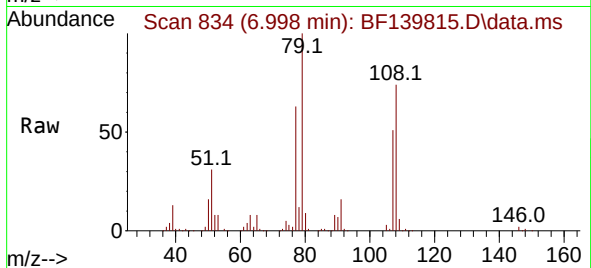
#15
Benzyl Alcohol
Concen: 42.466 ng
RT: 6.998 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

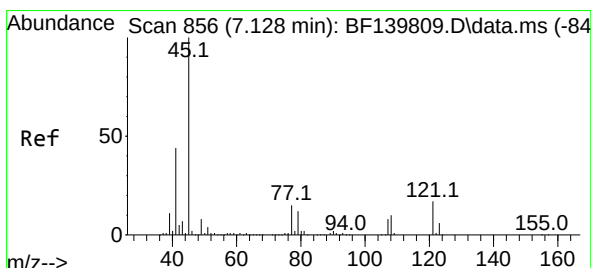
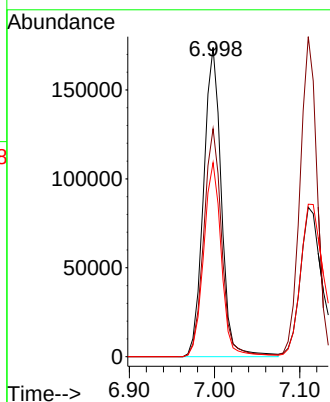
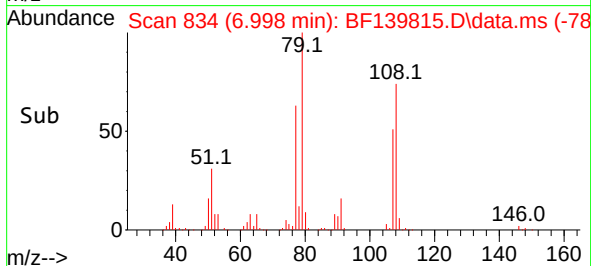


Tgt Ion: 79 Resp: 252238
Ion Ratio Lower Upper
79 100
108 73.7 57.3 85.9
77 62.8 49.8 74.6

Manual Integrations

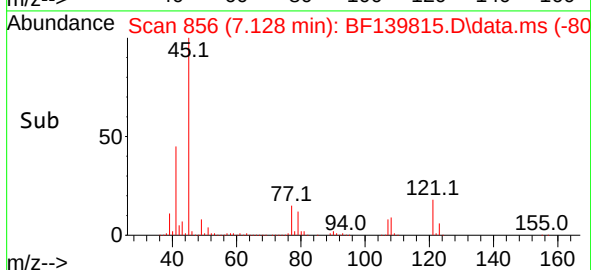
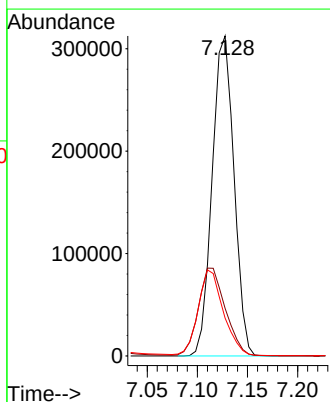
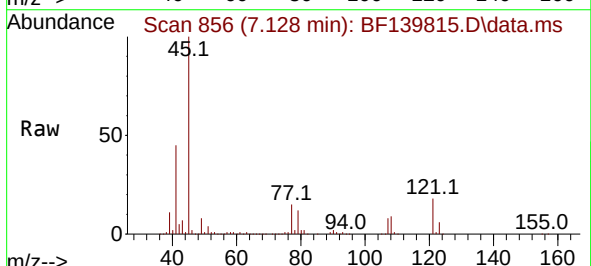
APPROVED

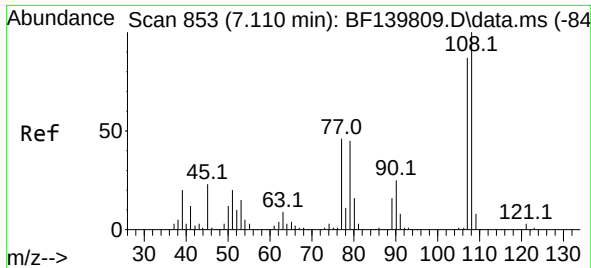
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.783 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion: 45 Resp: 473014
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.4
79 11.8 0.0 32.4





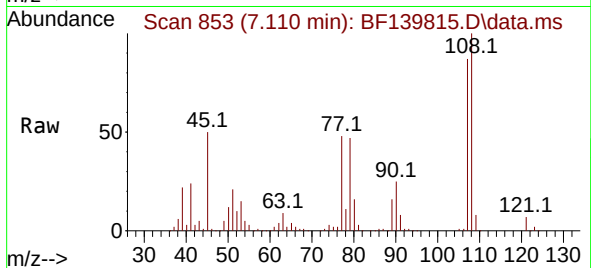
#17
2-Methylphenol
Concen: 41.307 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

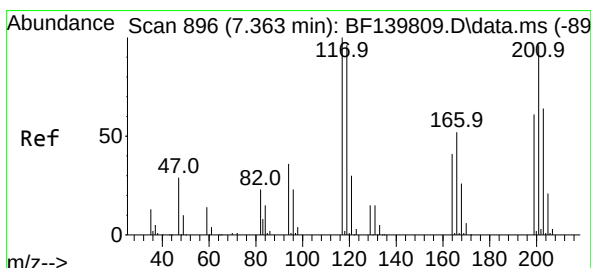
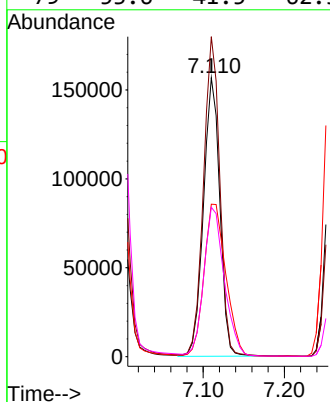
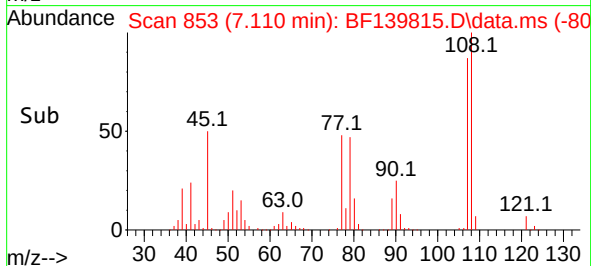


Tgt Ion:107 Resp: 21892
Ion Ratio Lower Upper
107 100
108 114.7 92.2 138.4
77 54.7 42.2 63.2
79 53.6 41.5 62.3

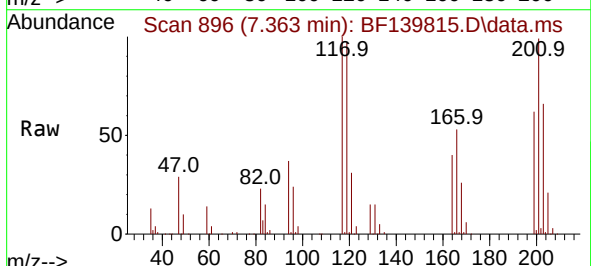
Manual Integrations

APPROVED

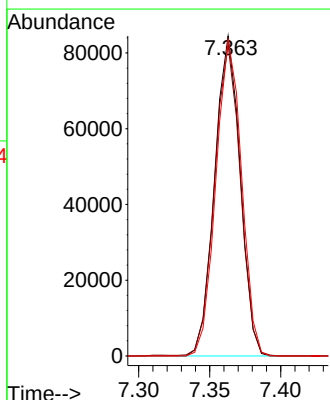
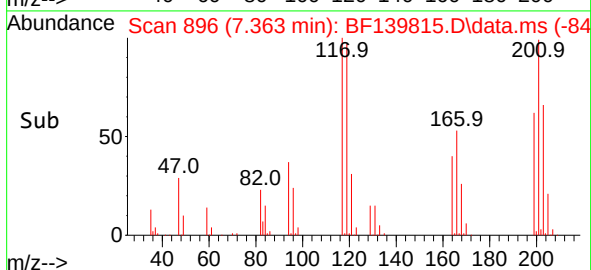
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

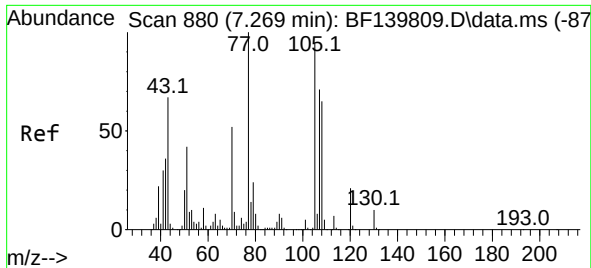


#18
Hexachloroethane
Concen: 39.266 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:117 Resp: 105707
Ion Ratio Lower Upper
117 100
119 97.2 77.0 115.4
201 98.9 76.9 115.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.617 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

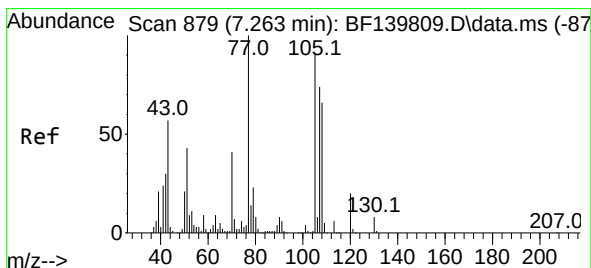
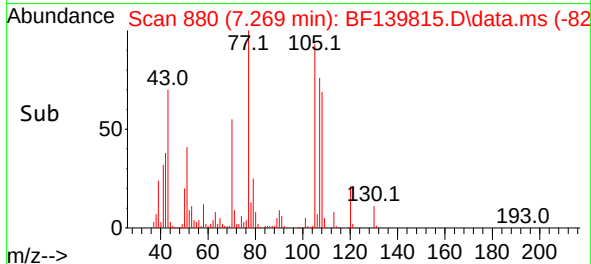
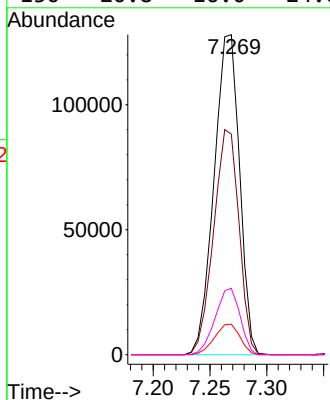
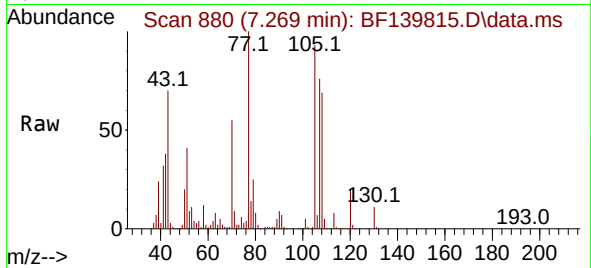
Tgt Ion: 70 Resp: 20000
Ion Ratio Lower Upper
70 100
42 68.9 55.8 83.6
101 9.5 7.4 11.0
130 20.8 16.0 24.0

Manual Integrations

APPROVED

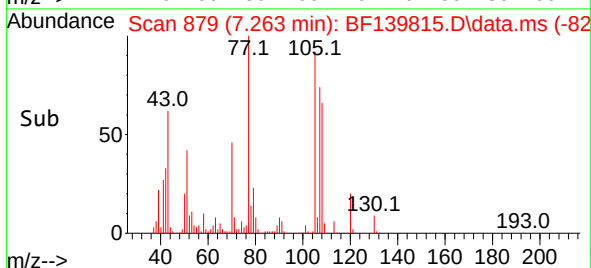
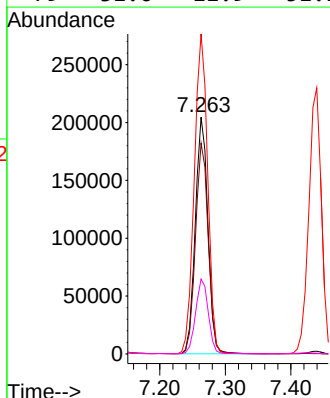
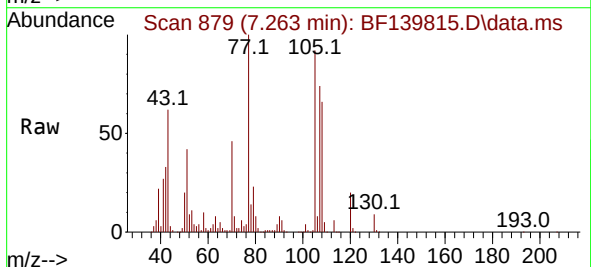
Reviewed By :Yogesh Patel 10/16/2024

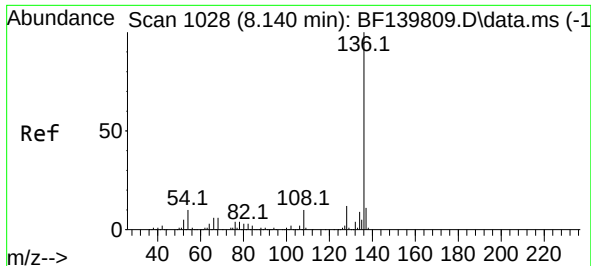
Supervised By :mohammad ahmed 10/16/2024



#20
3+4-Methylphenols
Concen: 41.107 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:107 Resp: 273949
Ion Ratio Lower Upper
107 100
108 89.1 69.9 109.9
77 135.2 115.6 155.6
79 31.6 11.9 51.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.007 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

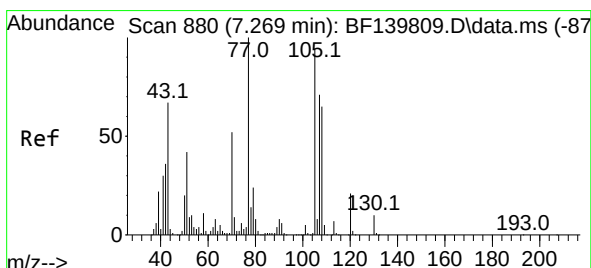
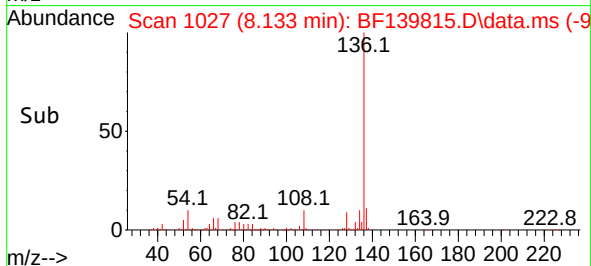
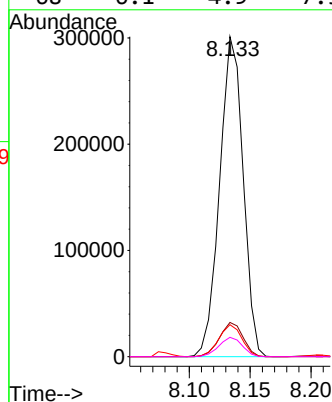
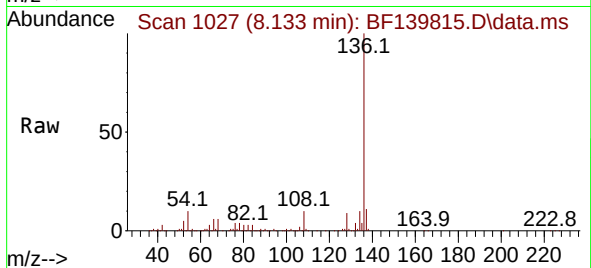
PB164157BS

Tgt Ion:136 Resp: 40400
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.0 7.7 11.5
68 6.1 4.9 7.3

Manual Integrations

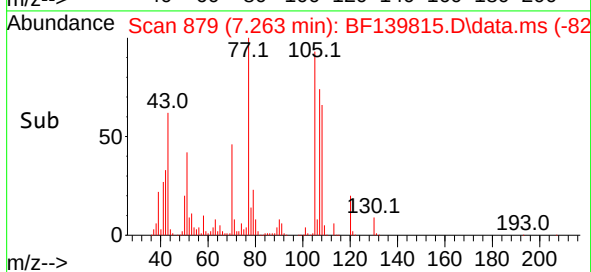
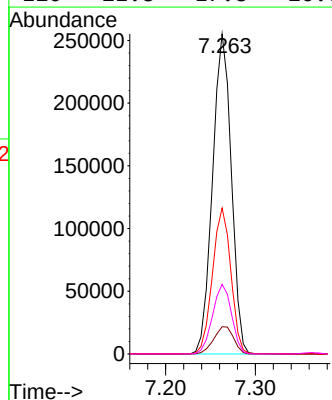
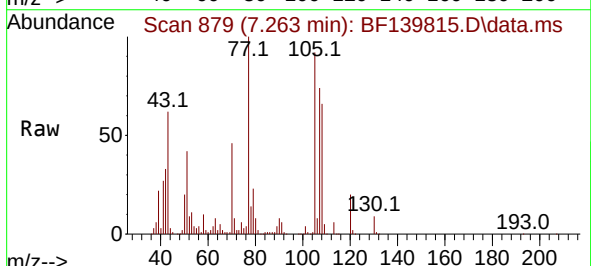
APPROVED

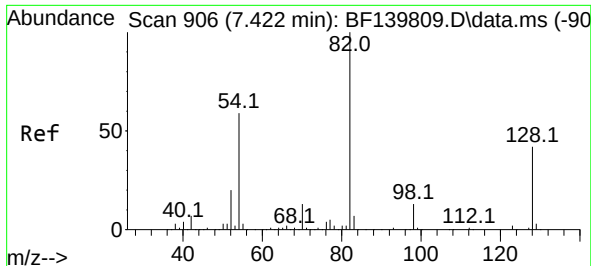
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#22
Acetophenone
Concen: 39.074 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:105 Resp: 370473
Ion Ratio Lower Upper
105 100
71 8.5 7.3 10.9
51 45.6 35.4 53.2
120 21.8 17.8 26.6





#23

Nitrobenzene-d5

Concen: 77.597 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

Tgt Ion: 82 Resp: 60908

Ion Ratio Lower Upper

82 100

128 42.1 33.9 50.9

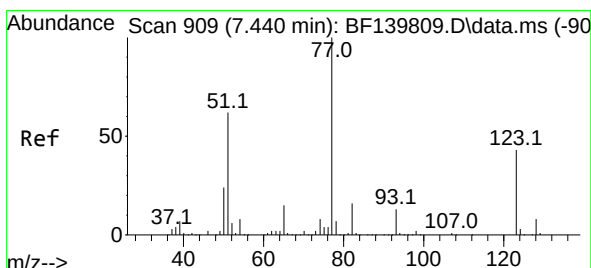
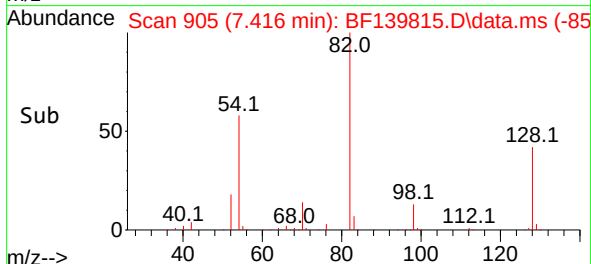
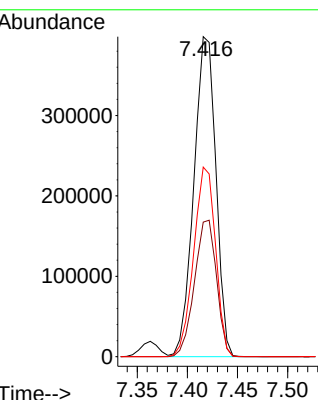
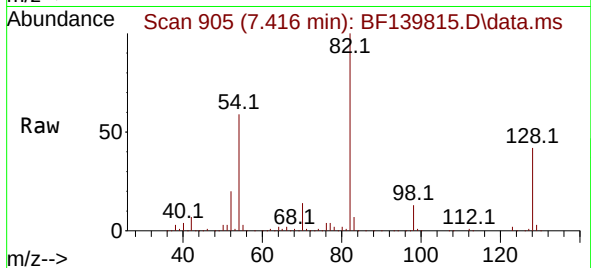
54 59.3 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#24

Nitrobenzene

Concen: 37.381 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

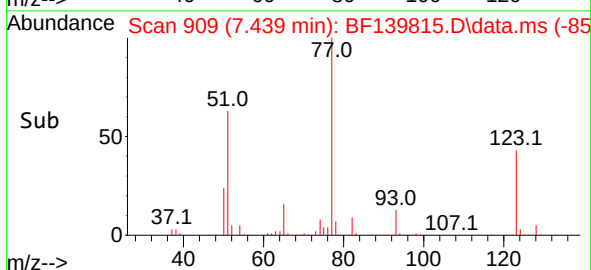
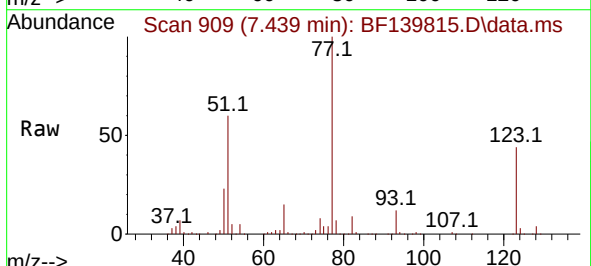
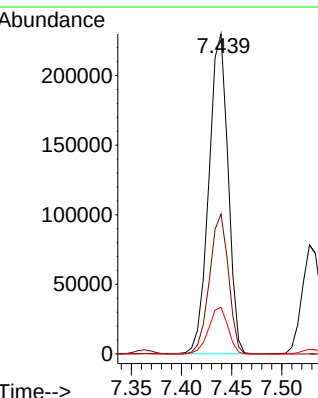
Tgt Ion: 77 Resp: 305884

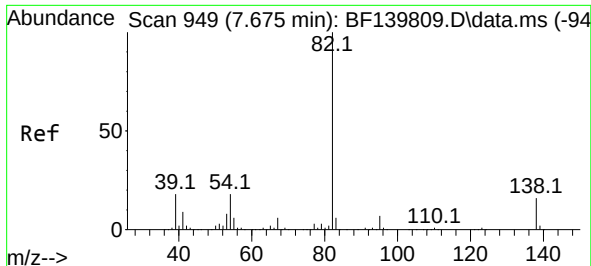
Ion Ratio Lower Upper

77 100

123 43.7 34.5 51.7

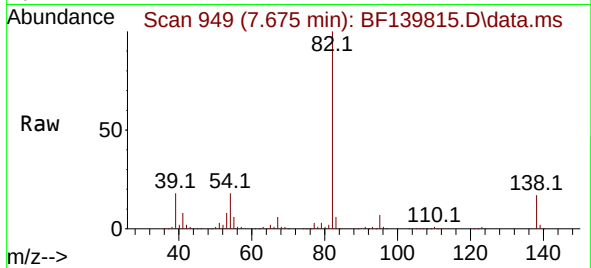
65 14.6 12.2 18.2





#25
Isophorone
Concen: 41.109 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

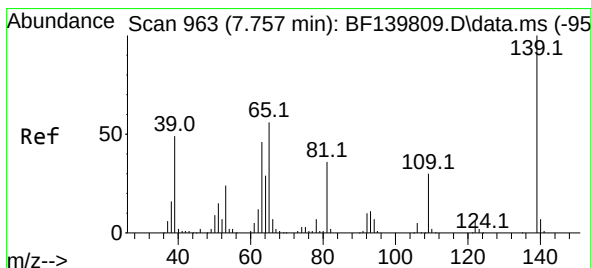
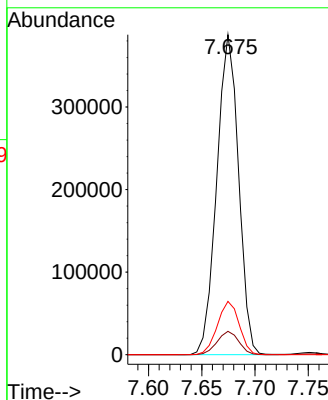
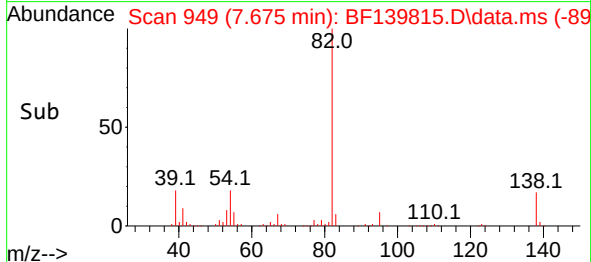
Instrument :
BNA_F
ClientSampleId :
PB164157BS



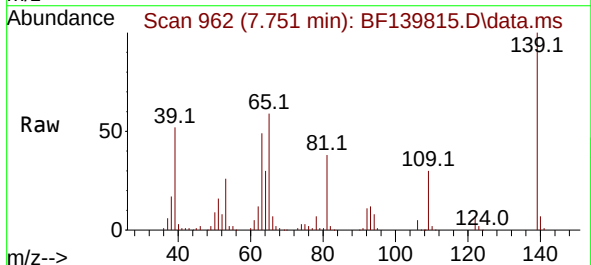
Tgt Ion: 82 Resp: 550668
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.7 13.2 19.8

Manual Integrations
APPROVED

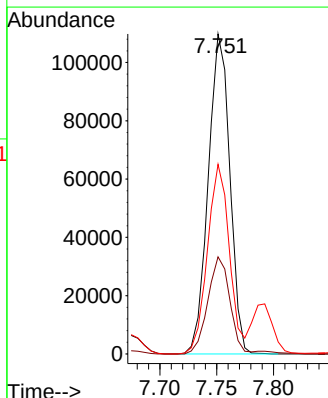
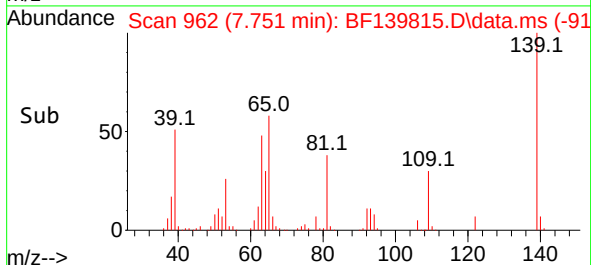
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

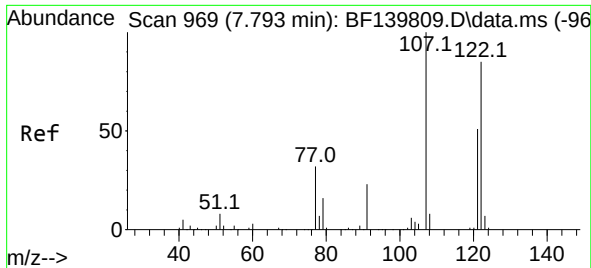


#26
2-Nitrophenol
Concen: 40.771 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:139 Resp: 145260
Ion Ratio Lower Upper
139 100
109 30.4 24.2 36.2
65 59.3 44.9 67.3





#27
2,4-Dimethylphenol
Concen: 48.075 ng m
RT: 7.792 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

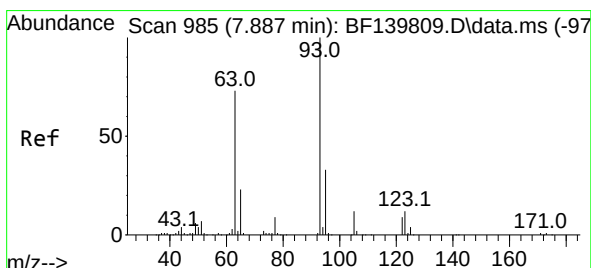
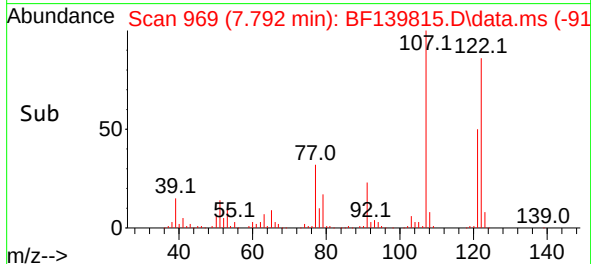
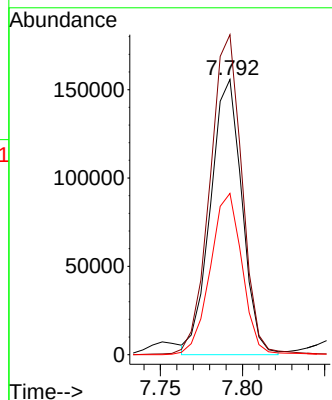
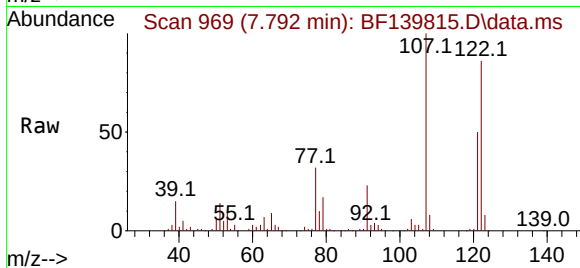
PB164157BS

Tgt Ion:122 Resp: 20813
Ion Ratio Lower Upper
122 100
107 116.3 91.6 137.4
121 58.6 46.4 69.6

Manual Integrations

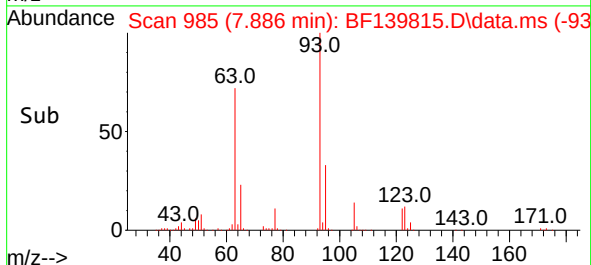
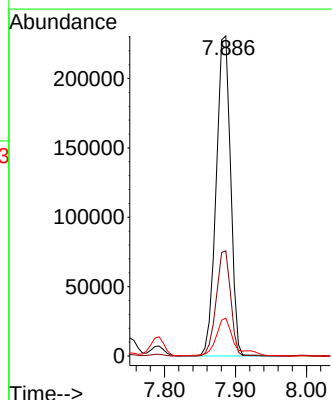
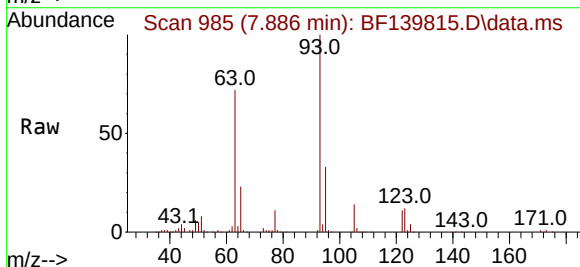
APPROVED

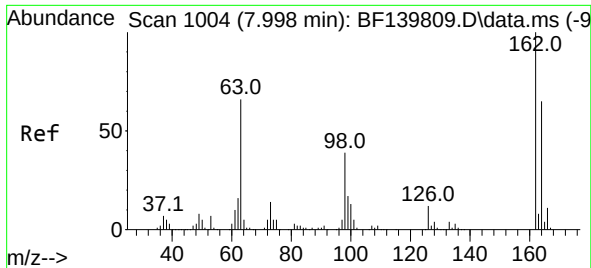
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.469 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion: 93 Resp: 324476
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.380 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

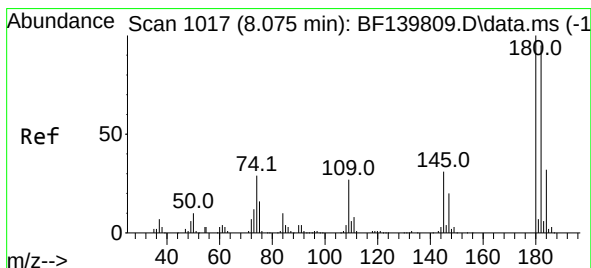
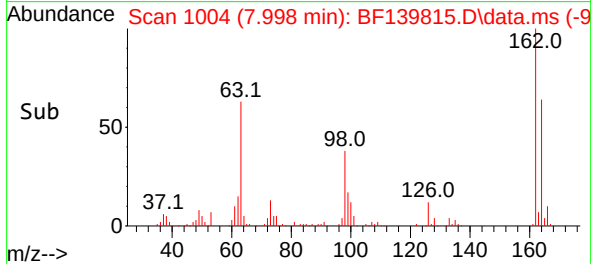
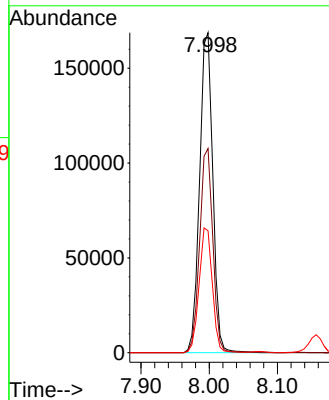
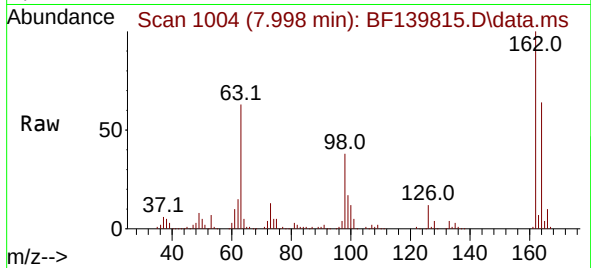
Tgt Ion:162	Resp: 22672
Ion Ratio	Lower Upper
162 100	
164 63.8	45.0 85.0
98 38.1	19.2 59.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.330 ng

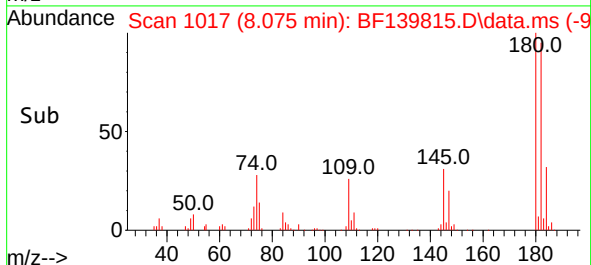
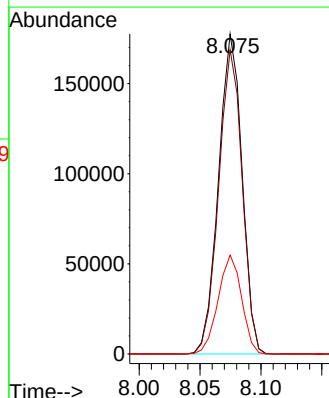
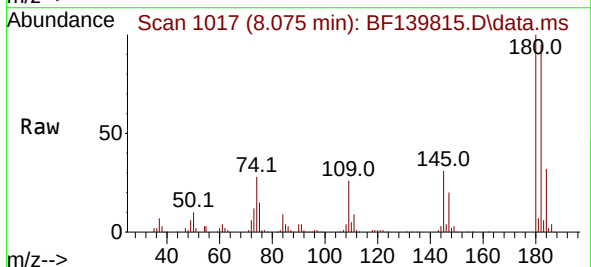
RT: 8.075 min Scan# 1017

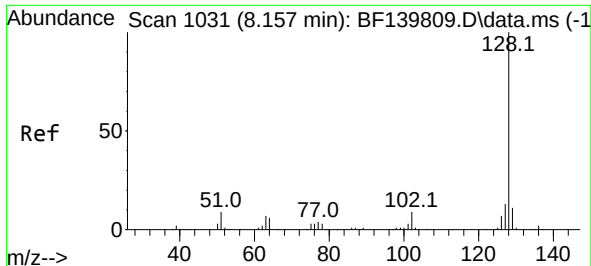
Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Tgt Ion:180	Resp: 238636
Ion Ratio	Lower Upper
180 100	
182 95.1	75.9 113.9
145 30.9	25.1 37.7





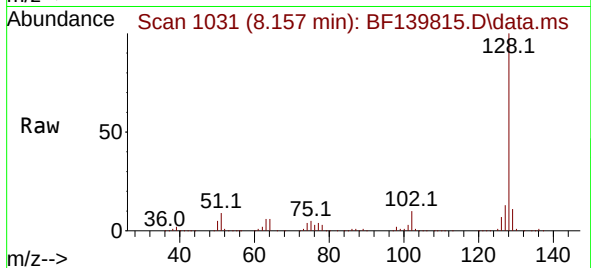
#31
Naphthalene
Concen: 38.408 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



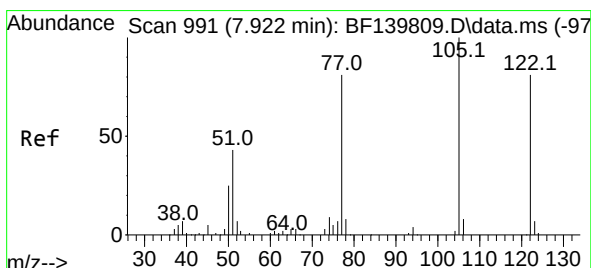
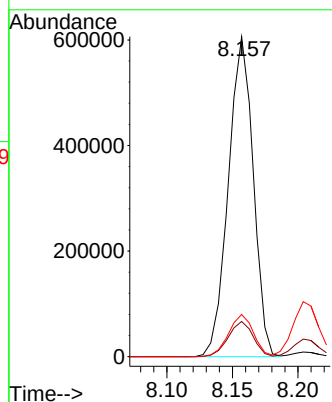
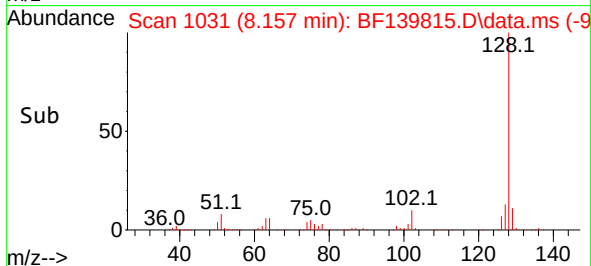
Tgt Ion:128 Resp: 799708
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.5 15.7

Manual Integrations

APPROVED

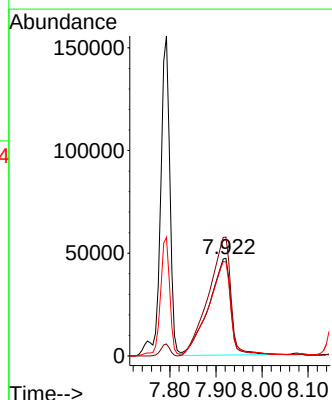
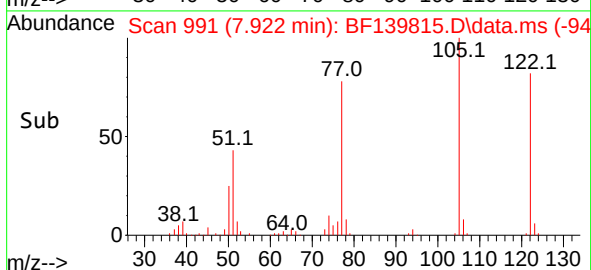
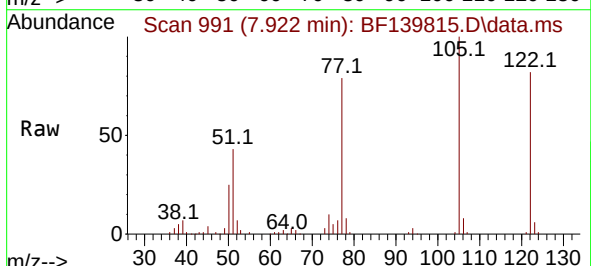
Reviewed By :Yogesh Patel 10/16/2024

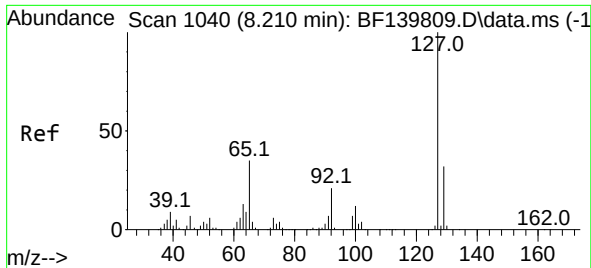
Supervised By :mohammad ahmed 10/16/2024



#32
Benzoic acid
Concen: 39.252 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:122 Resp: 156899
Ion Ratio Lower Upper
122 100
105 121.7 101.2 141.2
77 96.4 78.7 118.7





#33
4-Chloroaniline
Concen: 22.099 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

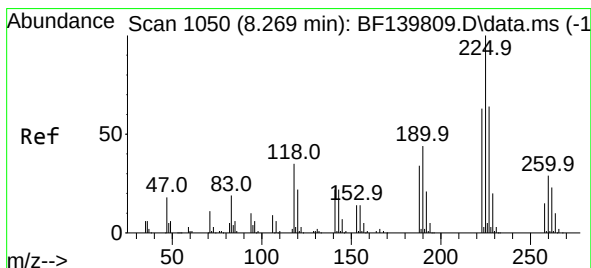
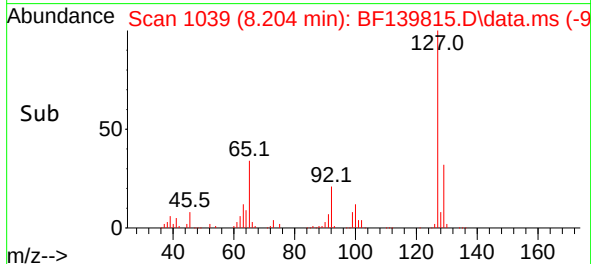
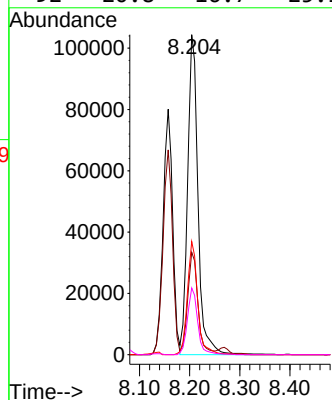
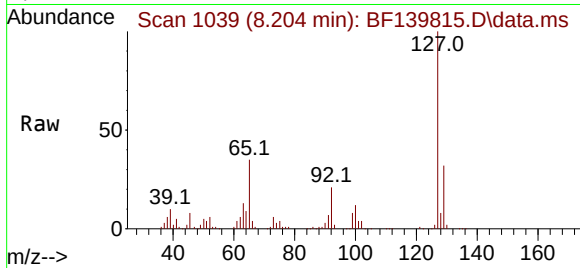
PB164157BS

Tgt Ion:127 Resp: 150899
Ion Ratio Lower Upper
127 100
129 32.0 25.9 38.9
65 35.4 27.8 41.6
92 20.8 16.7 25.1

Manual Integrations

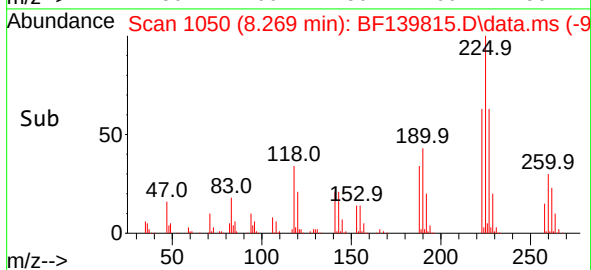
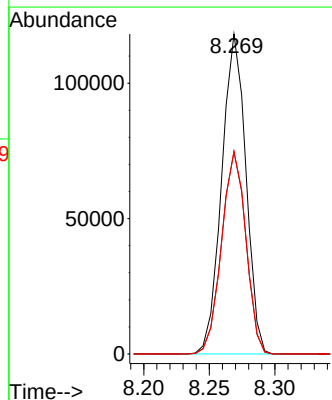
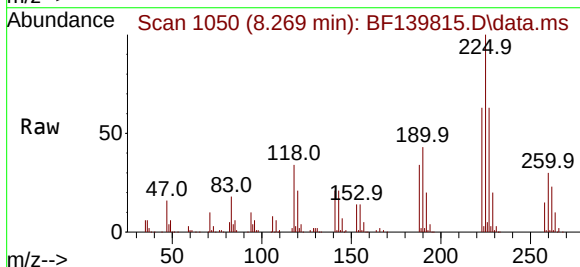
APPROVED

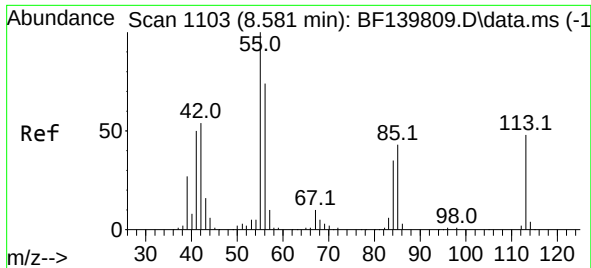
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#34
Hexachlorobutadiene
Concen: 37.314 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:225 Resp: 151361
Ion Ratio Lower Upper
225 100
223 63.2 50.4 75.6
227 63.3 50.9 76.3





#35
Caprolactam
Concen: 42.966 ng m
RT: 8.580 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

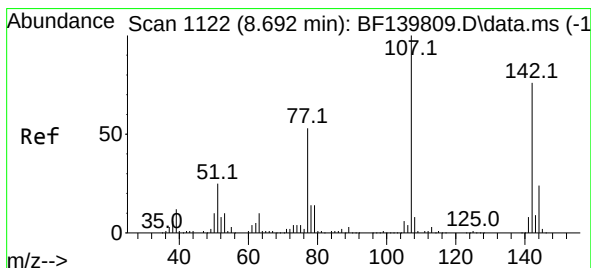
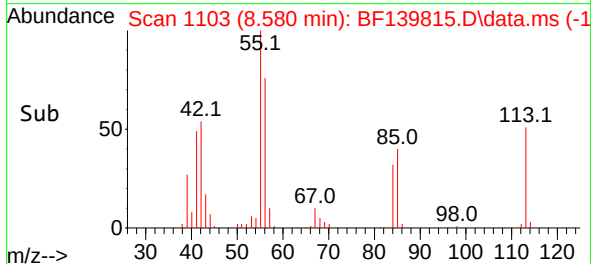
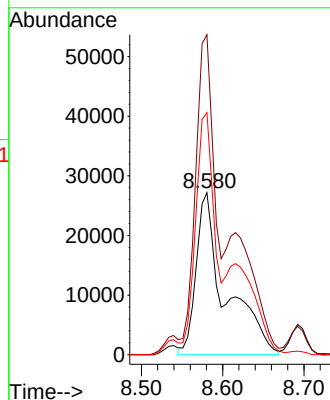
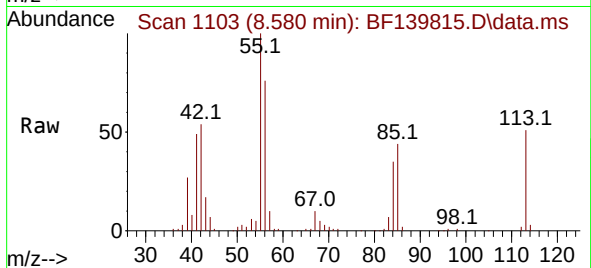
PB164157BS

Tgt Ion:113 Resp: 68110
Ion Ratio Lower Upper
113 100
55 197.6 187.1 227.1
56 149.5 134.0 174.0

Manual Integrations

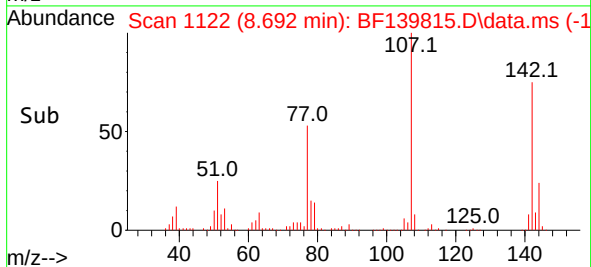
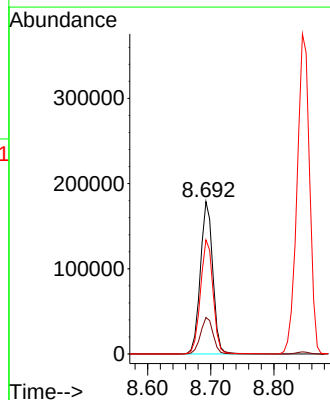
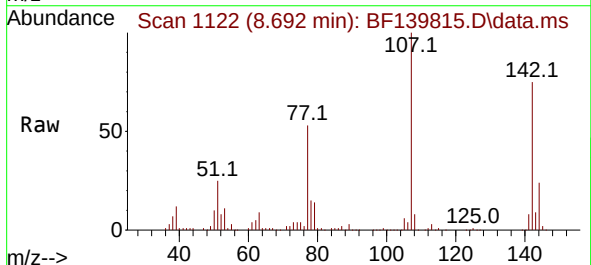
APPROVED

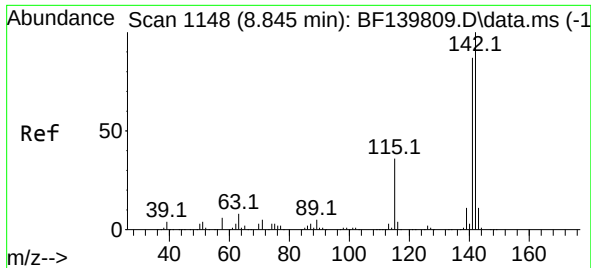
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#36
4-Chloro-3-methylphenol
Concen: 41.054 ng
RT: 8.692 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:107 Resp: 244789
Ion Ratio Lower Upper
107 100
144 24.0 19.5 29.3
142 75.0 60.6 91.0





#37
2-Methylnaphthalene
Concen: 39.556 ng
RT: 8.845 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

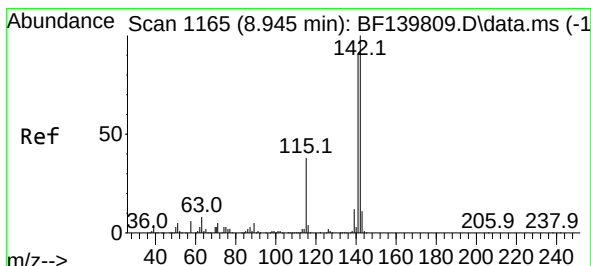
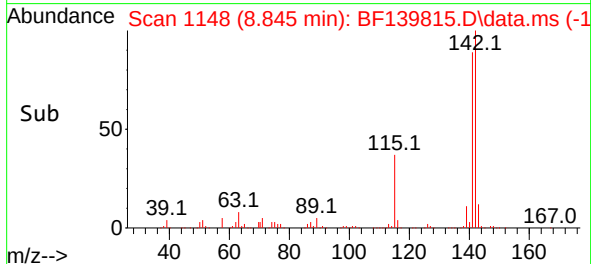
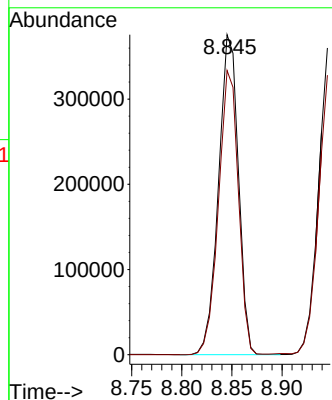
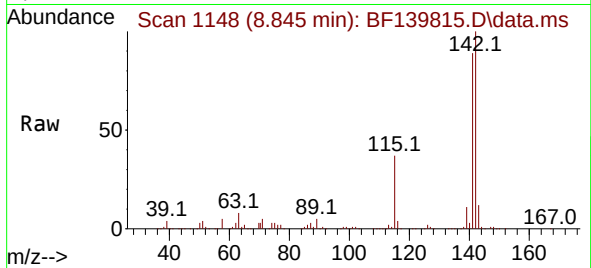
PB164157BS

Tgt Ion:142 Resp: 51636
Ion Ratio Lower Upper
142 100
141 88.8 69.8 104.8

Manual Integrations

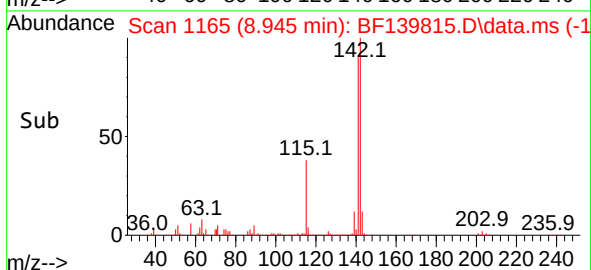
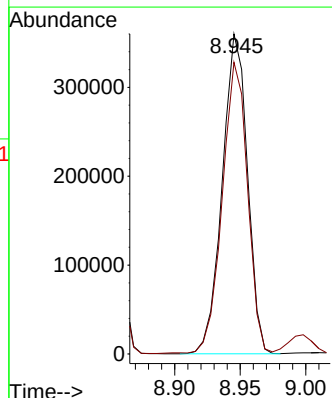
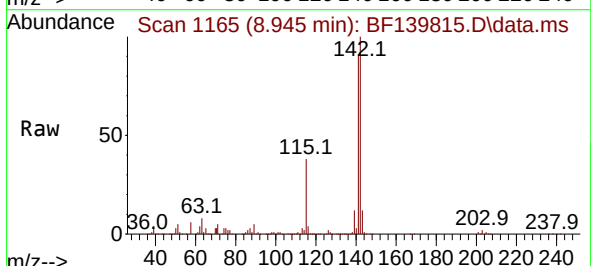
APPROVED

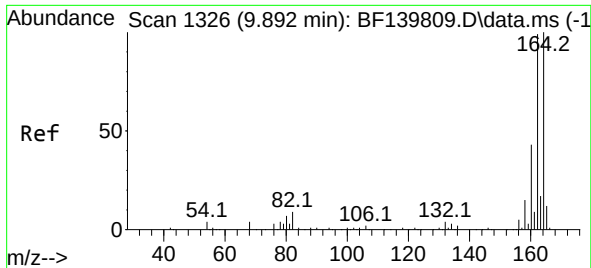
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#38
1-Methylnaphthalene
Concen: 37.768 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:142 Resp: 479981
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2





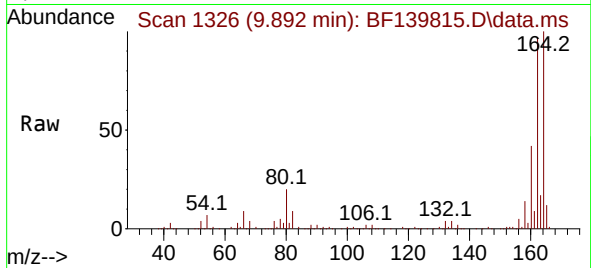
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



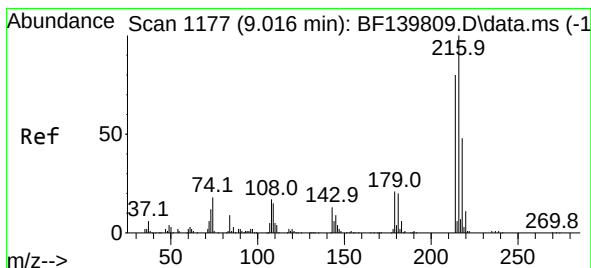
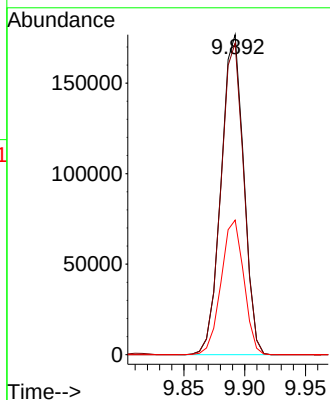
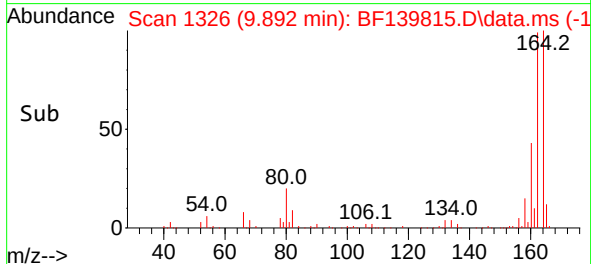
Tgt Ion:164 Resp: 228692
Ion Ratio Lower Upper
164 100
162 97.4 79.1 118.7
160 42.1 34.4 51.6

Manual Integrations

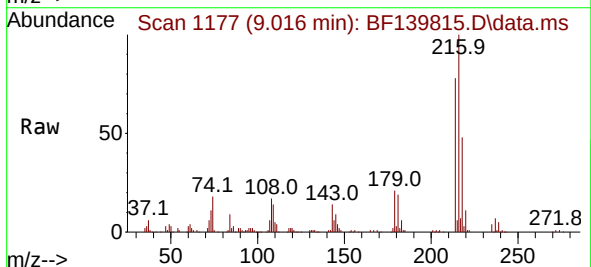
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

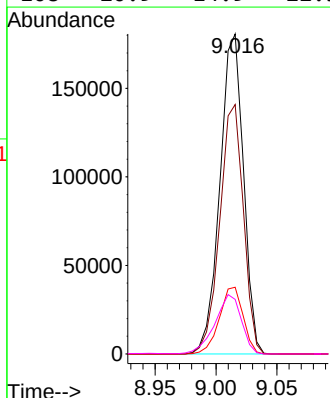
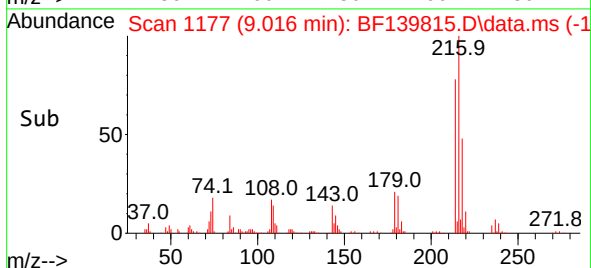
Supervised By :mohammad ahmed 10/16/2024

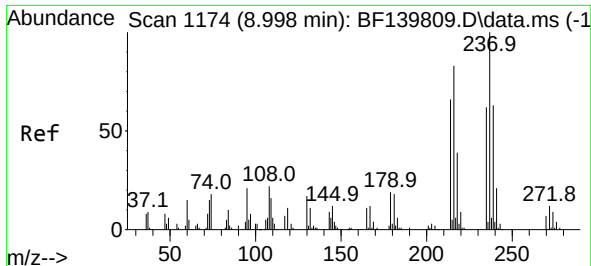


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.584 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:216 Resp: 243003
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 21.0 17.0 25.4
108 20.9 14.9 22.3





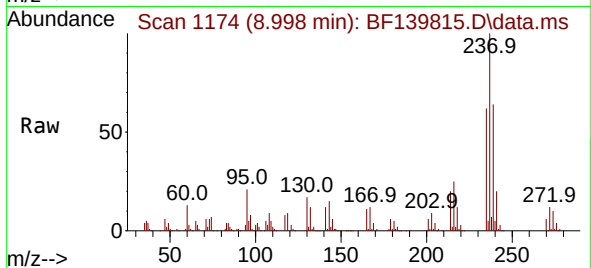
#41
Hexachlorocyclopentadiene
Concen: 138.022 ng
RT: 8.998 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



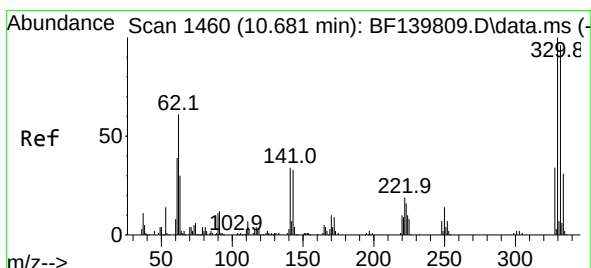
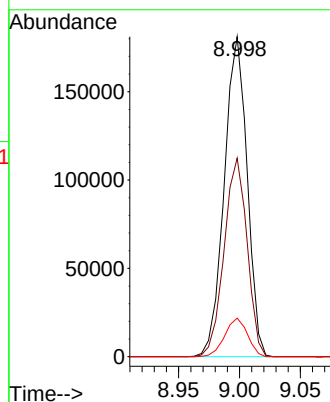
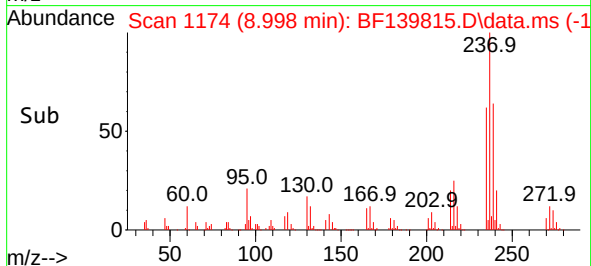
Tgt Ion:237 Resp: 236800
Ion Ratio Lower Upper
237 100
235 62.0 41.9 81.9
272 12.0 0.0 31.8

Manual Integrations

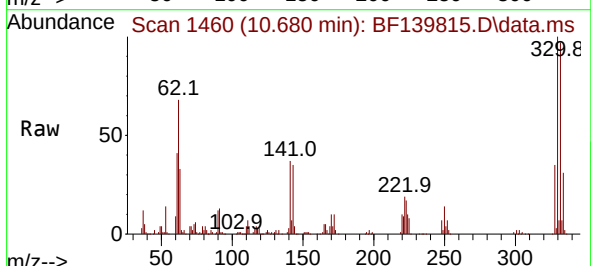
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

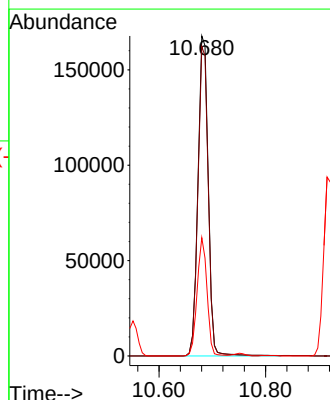
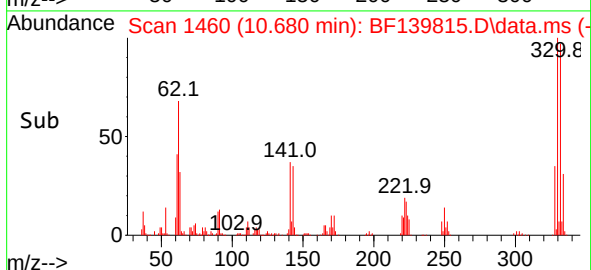
Supervised By :mohammad ahmed 10/16/2024

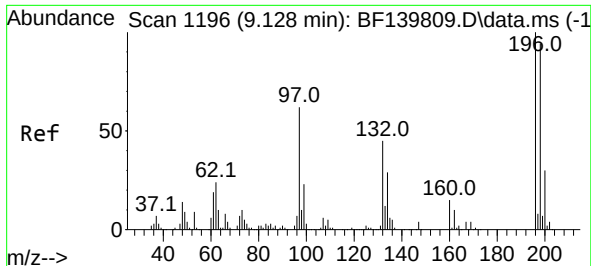


#42
2,4,6-Tribromophenol
Concen: 116.520 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:330 Resp: 224738
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 35.4 27.8 41.6





#43

2,4,6-Trichlorophenol

Concen: 38.498 ng

RT: 9.127 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

Tgt Ion:196 Resp: 16256

Ion Ratio Lower Upper

196 100

198 94.7 75.6 113.4

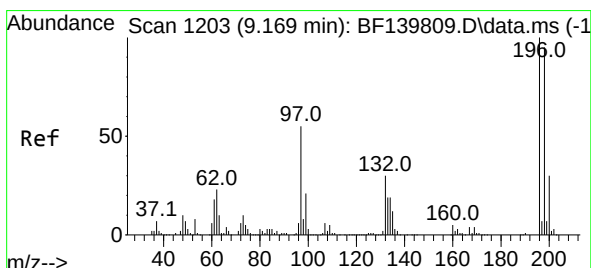
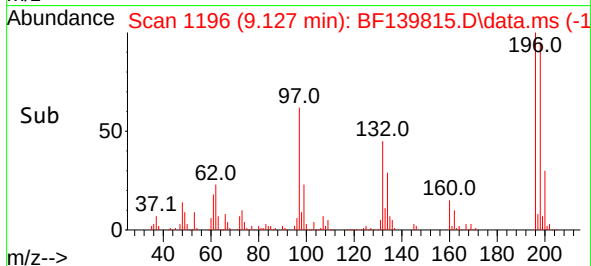
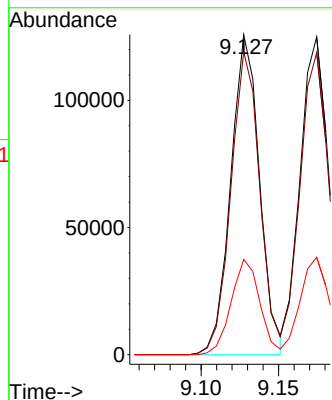
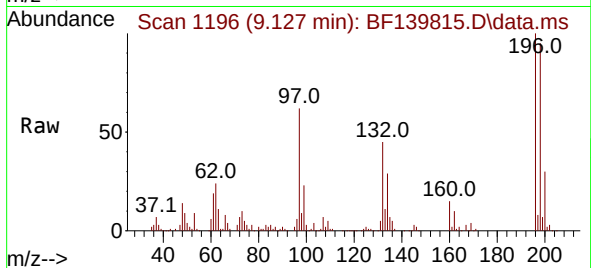
200 29.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#44

2,4,5-Trichlorophenol

Concen: 36.587 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Tgt Ion:196 Resp: 165548

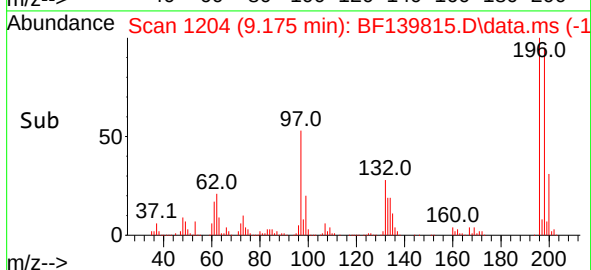
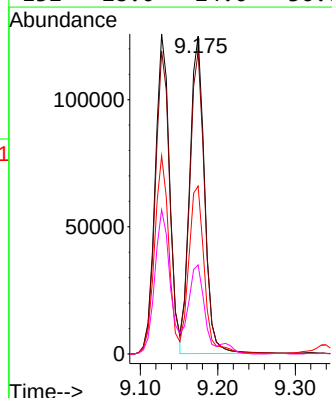
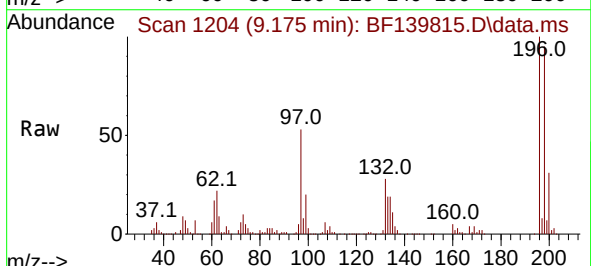
Ion Ratio Lower Upper

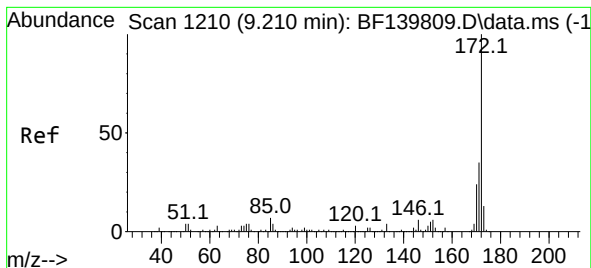
196 100

198 95.0 76.2 114.4

97 52.8 44.6 67.0

132 28.0 24.0 36.0





#45

2-Fluorobiphenyl

Concen: 72.864 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF139815.D

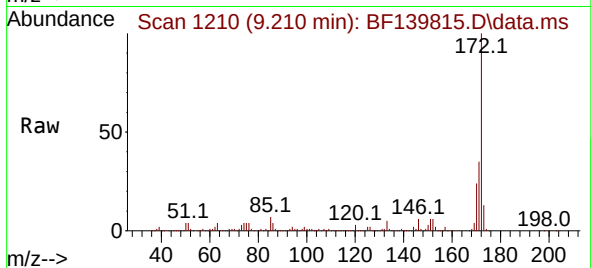
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



Tgt Ion:172 Resp: 1114100

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

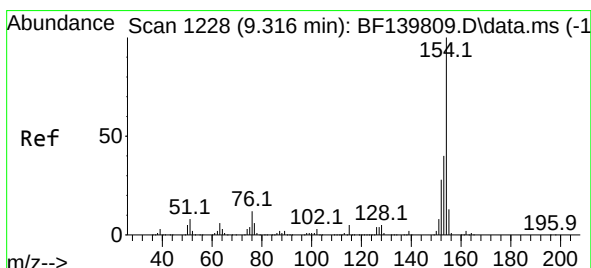
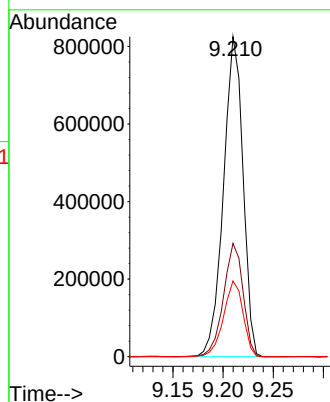
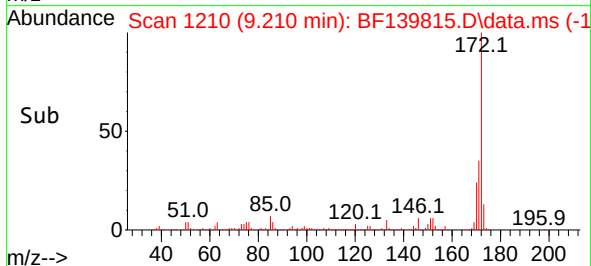
170 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#46

1,1'-Biphenyl

Concen: 37.021 ng

RT: 9.310 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

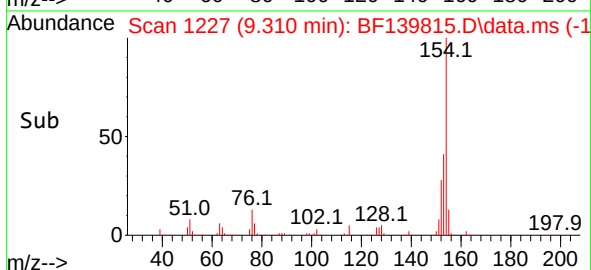
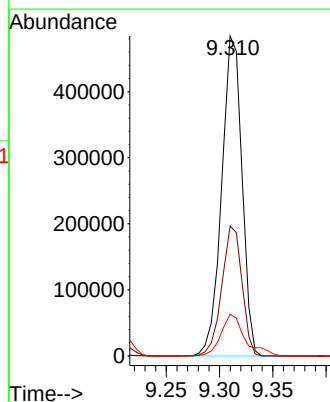
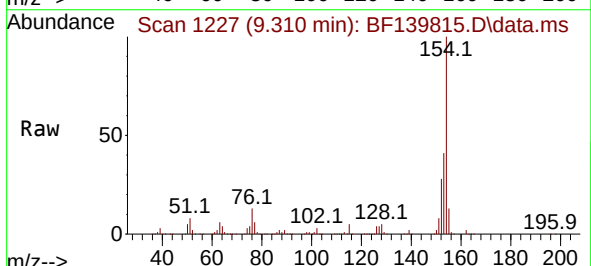
Tgt Ion:154 Resp: 640130

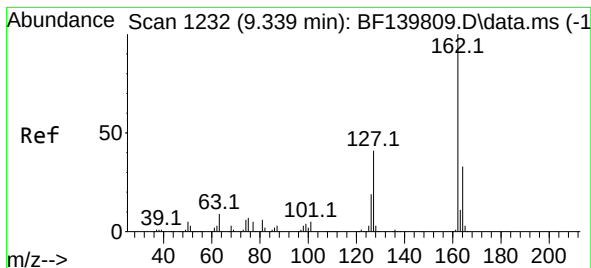
Ion Ratio Lower Upper

154 100

153 40.6 20.2 60.2

76 13.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 36.058 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

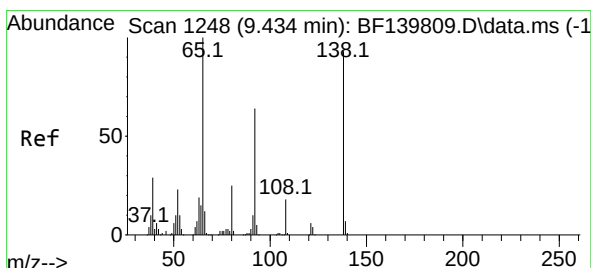
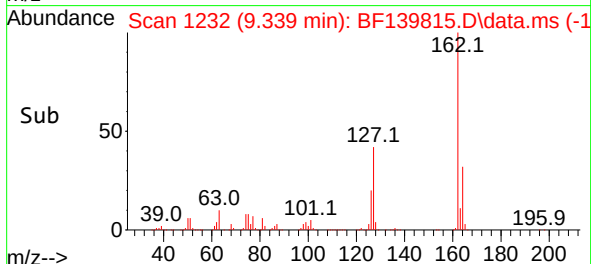
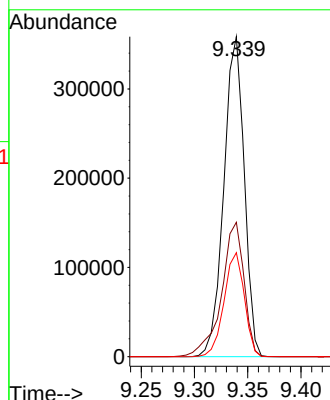
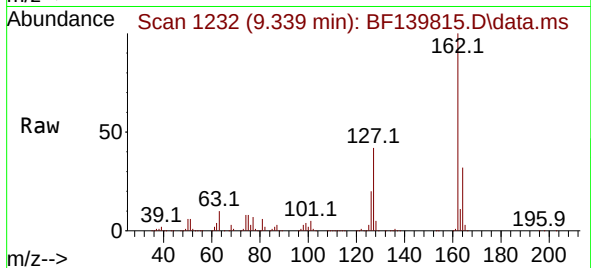
Tgt Ion:162 Resp: 476369
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.2 49.8
 164 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#48

2-Nitroaniline

Concen: 39.562 ng

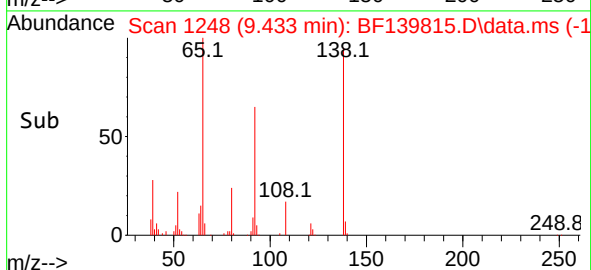
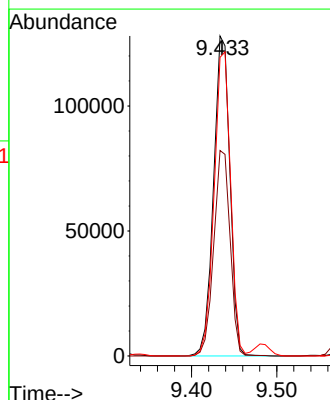
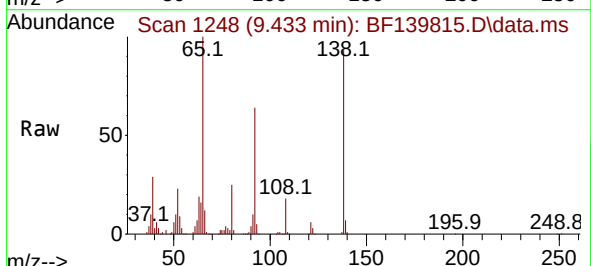
RT: 9.433 min Scan# 1248

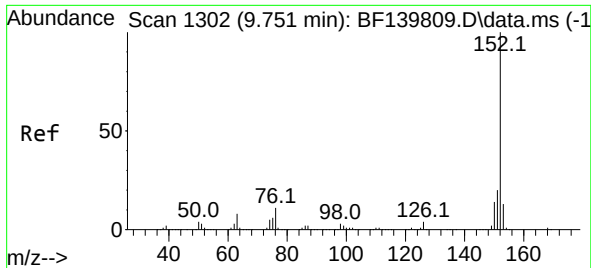
Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Tgt Ion: 65 Resp: 170638
 Ion Ratio Lower Upper
 65 100
 92 64.2 51.1 76.7
 138 93.3 74.1 111.1





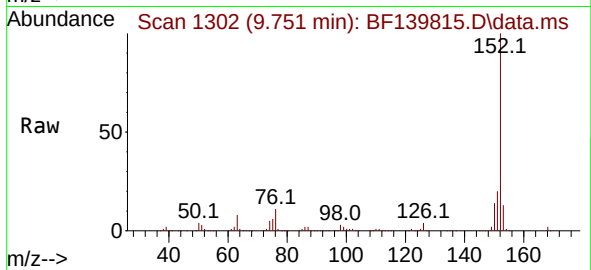
#49
Acenaphthylene
Concen: 40.469 ng
RT: 9.751 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



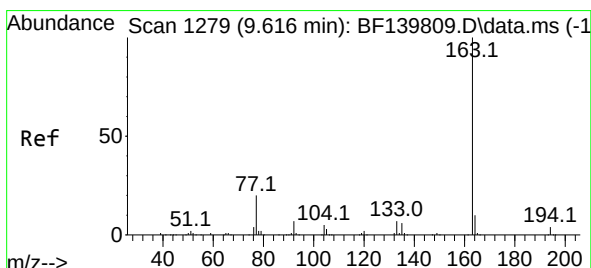
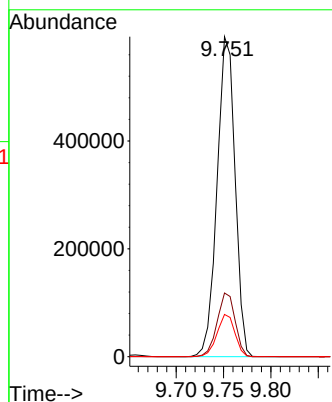
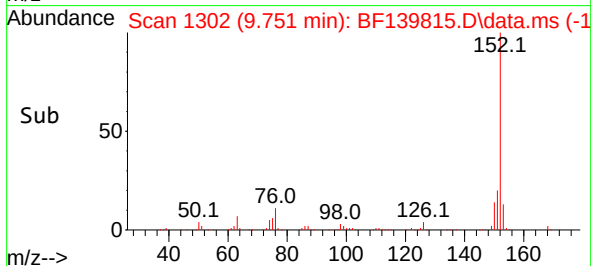
Tgt Ion:152 Resp: 78520
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 10.4 15.6

Manual Integrations

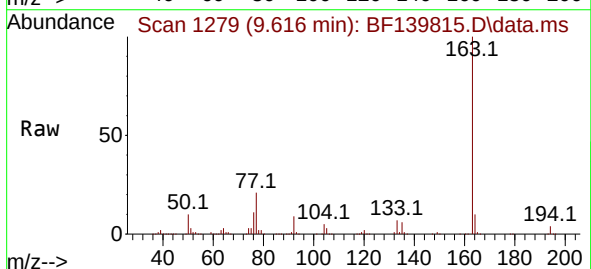
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

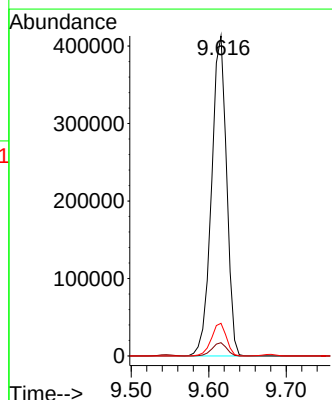
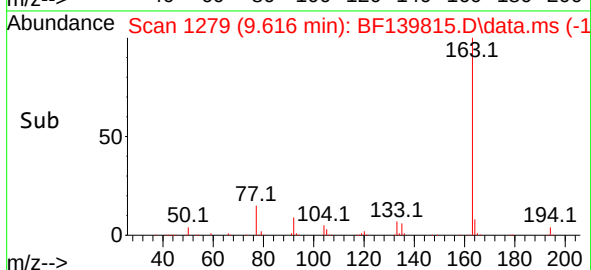
Supervised By :mohammad ahmed 10/16/2024

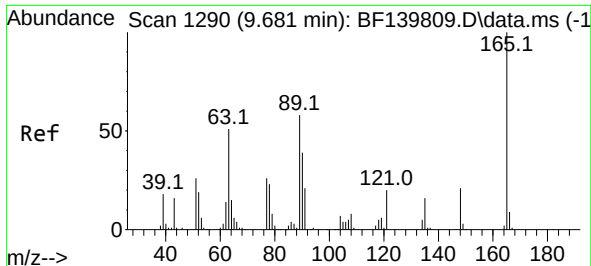


#50
Dimethylphthalate
Concen: 39.833 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:163 Resp: 557601
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 38.235 ng
RT: 9.680 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

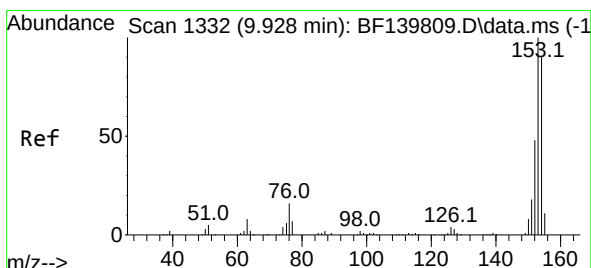
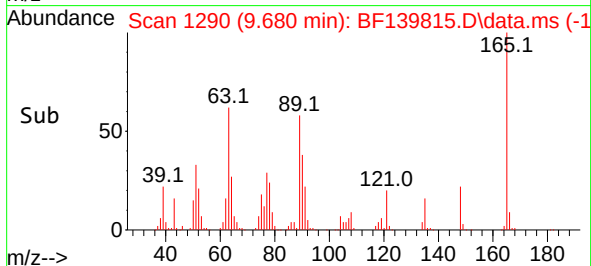
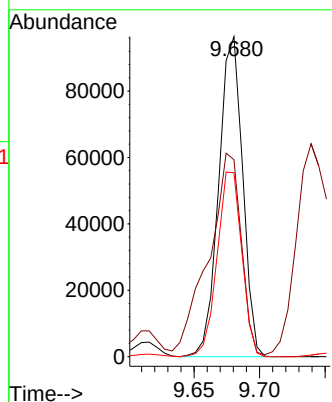
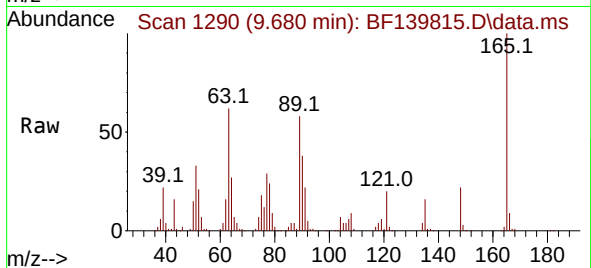
PB164157BS

Tgt Ion:165 Resp: 12212
Ion Ratio Lower Upper
165 100
63 61.6 50.0 75.0
89 57.5 46.8 70.2

Manual Integrations

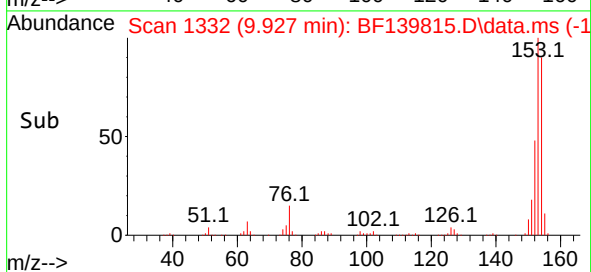
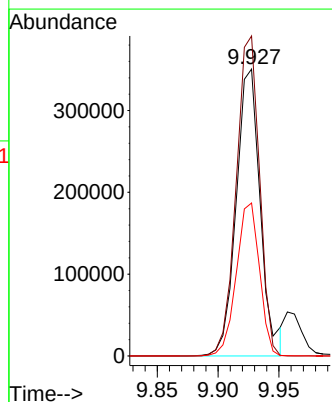
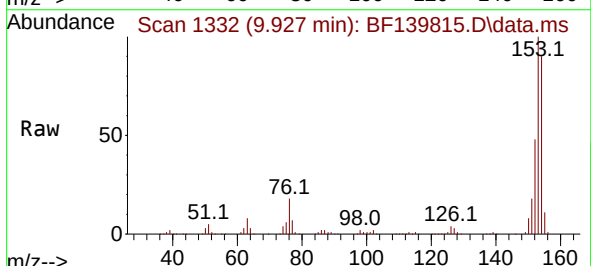
APPROVED

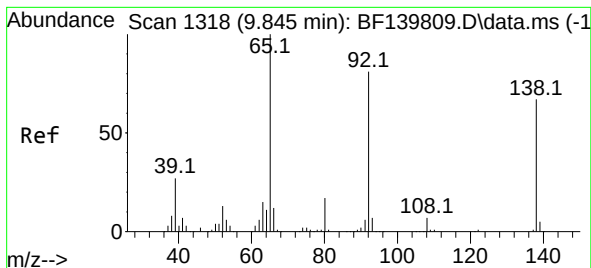
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#52
Acenaphthene
Concen: 39.298 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:154 Resp: 483021
Ion Ratio Lower Upper
154 100
153 111.6 88.8 133.2
152 53.3 42.3 63.5





#53

3-Nitroaniline

Concen: 26.204 ng

RT: 9.845 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

Tgt Ion:138 Resp: 8344

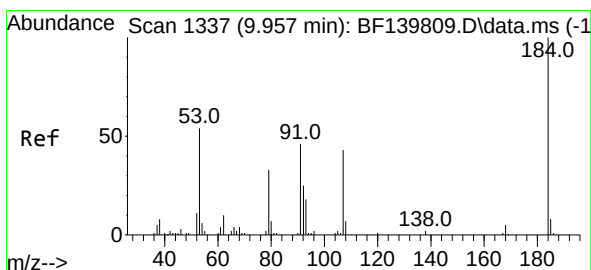
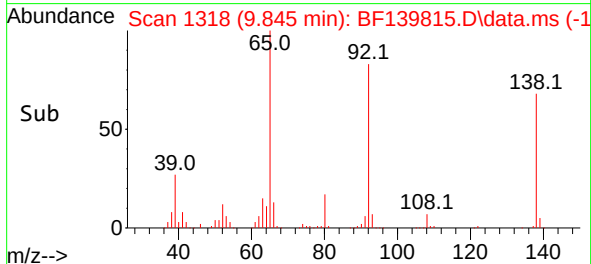
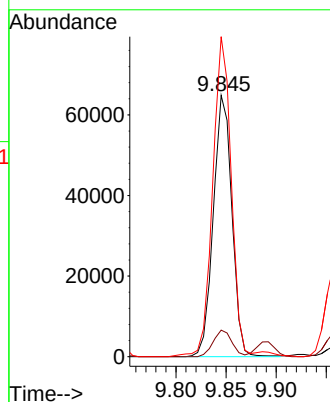
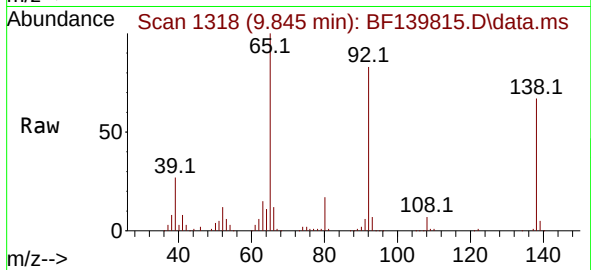
Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.0	13.4
92	122.5	97.5	146.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#54

2,4-Dinitrophenol

Concen: 91.089 ng

RT: 9.957 min Scan# 1337

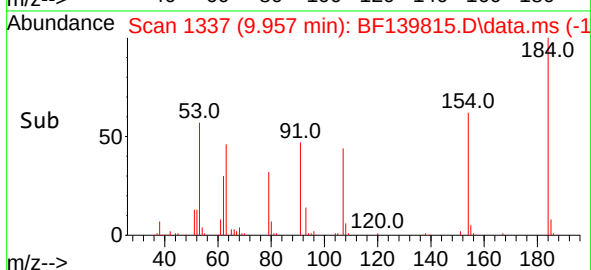
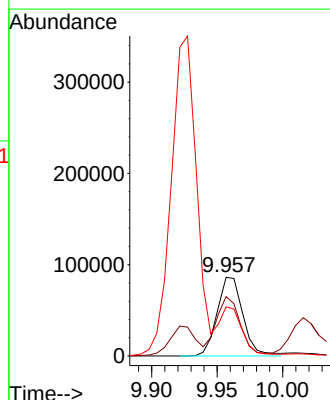
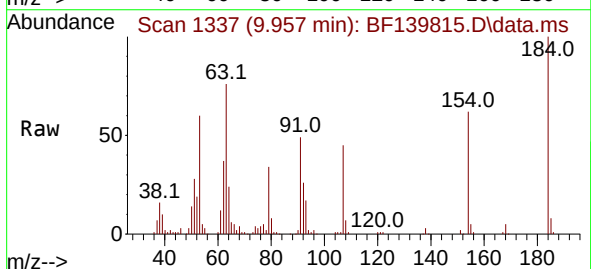
Delta R.T. -0.000 min

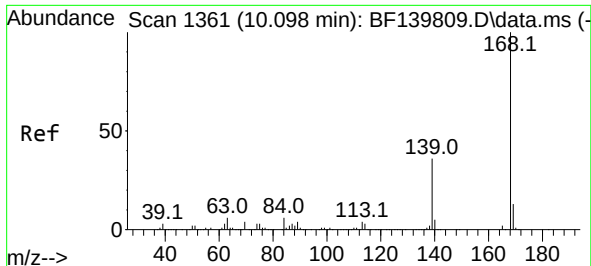
Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Tgt Ion:184 Resp: 118233

Ion	Ratio	Lower	Upper
184	100		
63	75.5	58.2	87.4
154	62.4	49.3	73.9





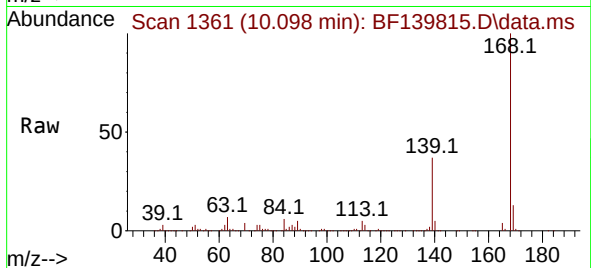
#55
Dibenzofuran
Concen: 38.531 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



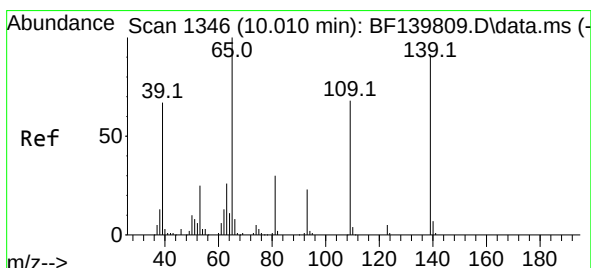
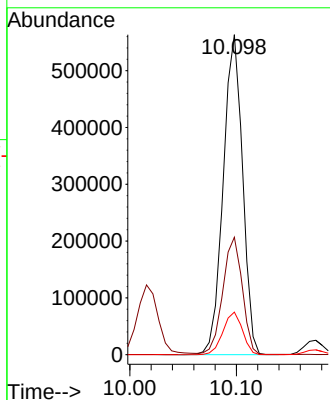
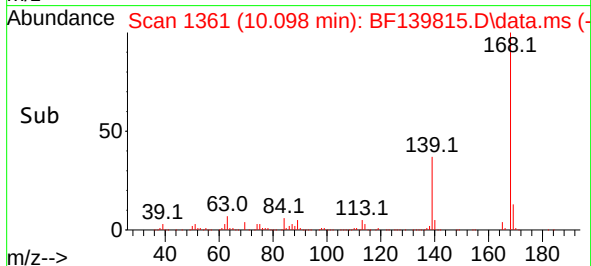
Tgt Ion:168 Resp: 71014
Ion Ratio Lower Upper
168 100
139 36.7 29.2 43.8
169 13.3 10.5 15.7

Manual Integrations

APPROVED

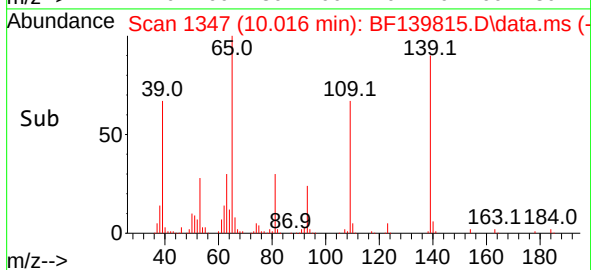
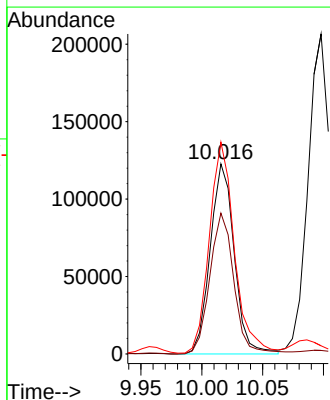
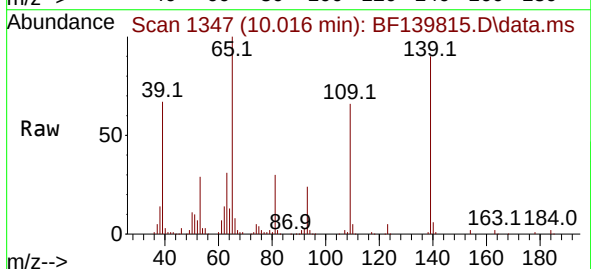
Reviewed By :Yogesh Patel 10/16/2024

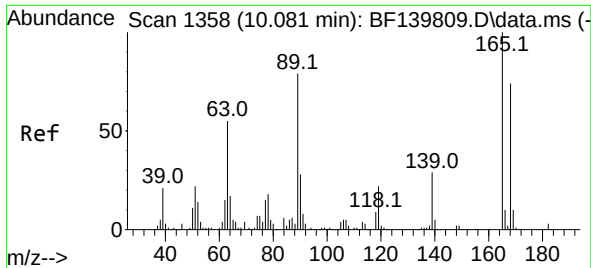
Supervised By :mohammad ahmed 10/16/2024



#56
4-Nitrophenol
Concen: 88.194 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:139 Resp: 169076
Ion Ratio Lower Upper
139 100
109 74.1 54.1 94.1
65 111.4 90.5 130.5





#57
2,4-Dinitrotoluene
Concen: 40.242 ng
RT: 10.086 min Scan# 1358
Delta R.T. 0.005 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

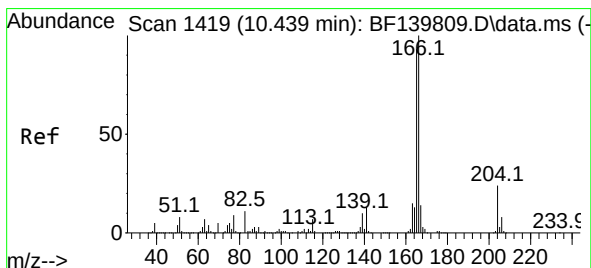
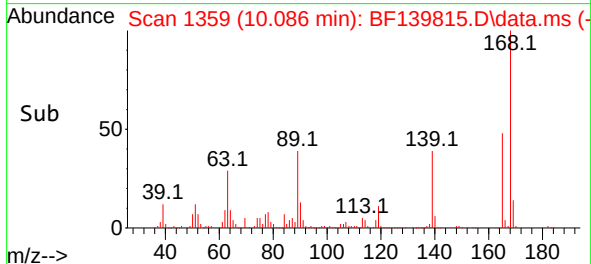
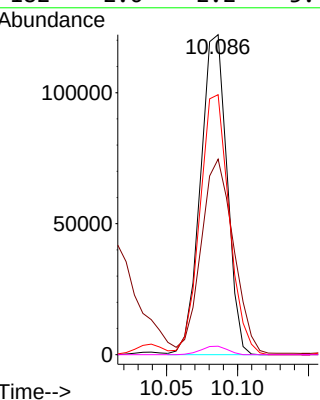
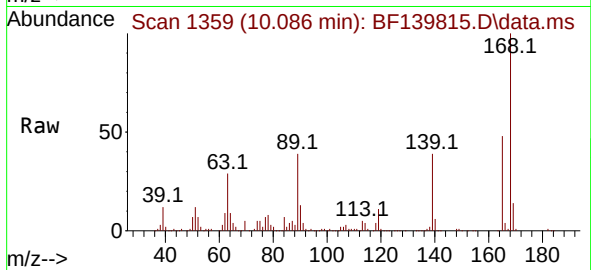
PB164157BS

Tgt Ion:165 Resp: 158684
Ion Ratio Lower Upper
165 100
63 61.1 44.7 67.1
89 81.2 63.1 94.7
182 2.6 2.2 3.4

Manual Integrations

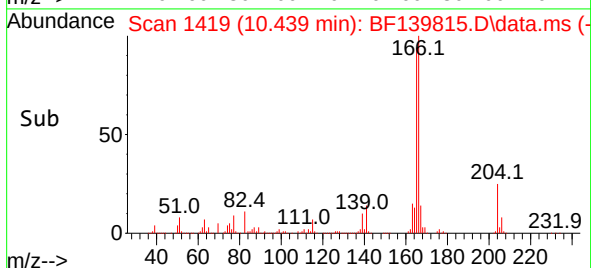
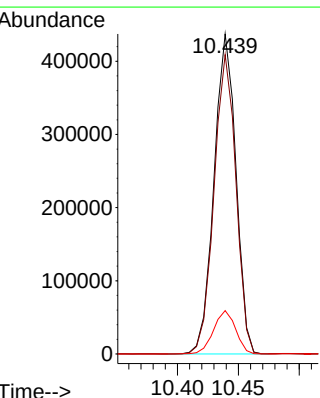
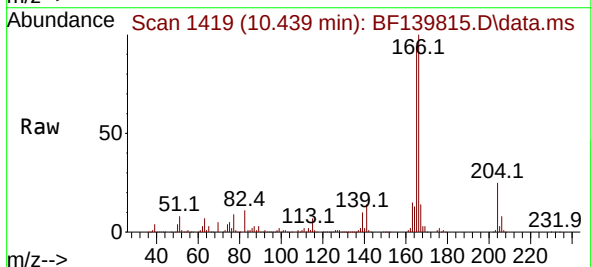
APPROVED

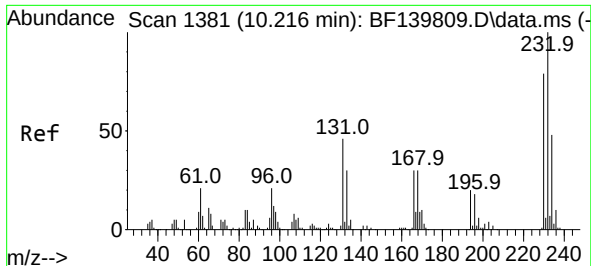
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#58
Fluorene
Concen: 38.136 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:166 Resp: 547024
Ion Ratio Lower Upper
166 100
165 93.6 74.5 111.7
167 13.5 10.8 16.2





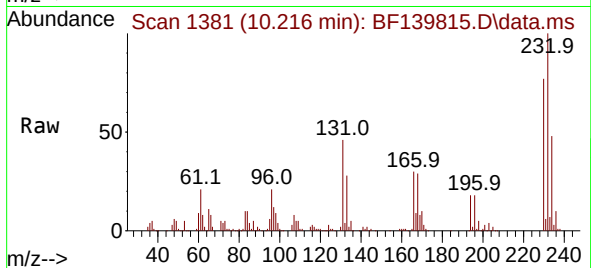
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.492 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



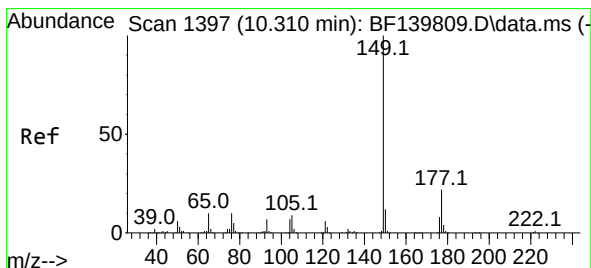
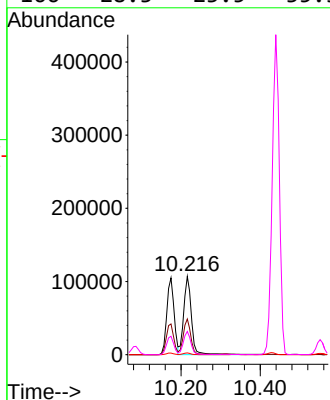
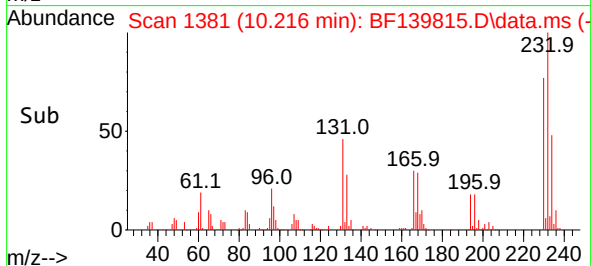
Tgt Ion:232 Resp: 142972
Ion Ratio Lower Upper
232 100
131 44.3 36.1 54.1
130 2.1 1.8 2.6
166 28.3 23.5 35.3

Manual Integrations

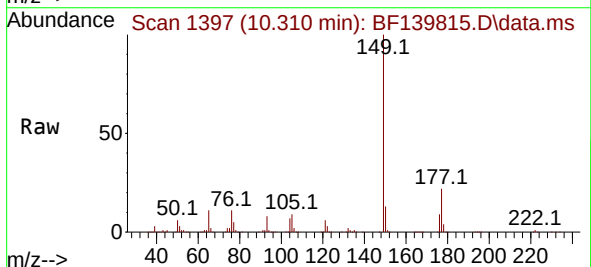
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

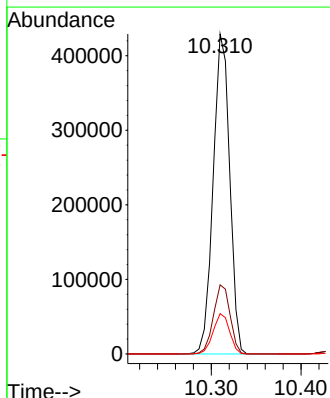
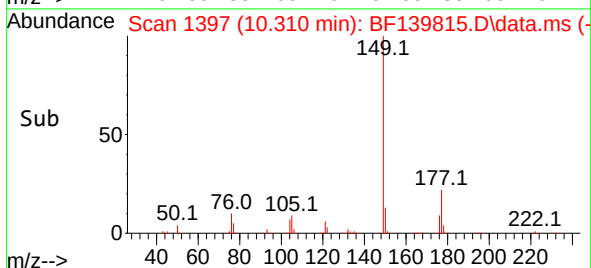
Supervised By :mohammad ahmed 10/16/2024

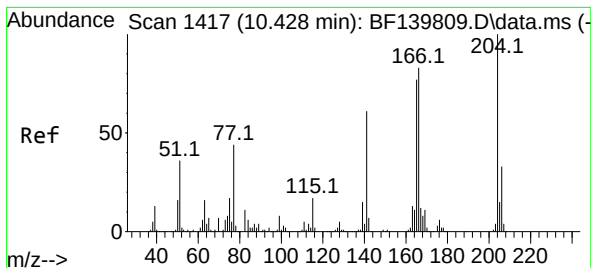


#60
Diethylphthalate
Concen: 40.253 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:149 Resp: 548205
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 37.809 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.001 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

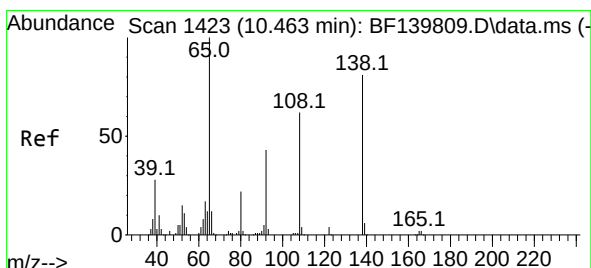
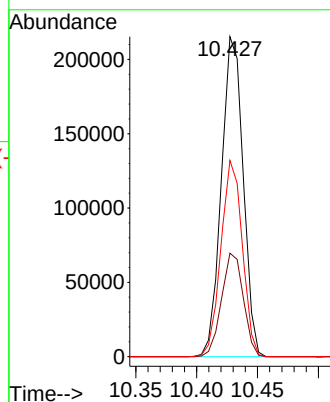
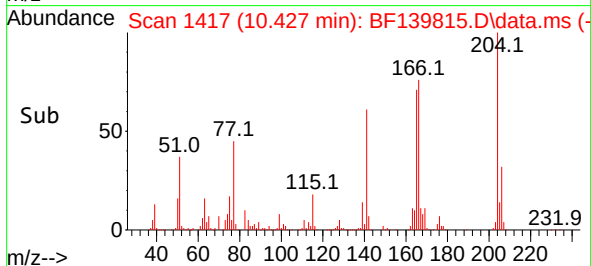
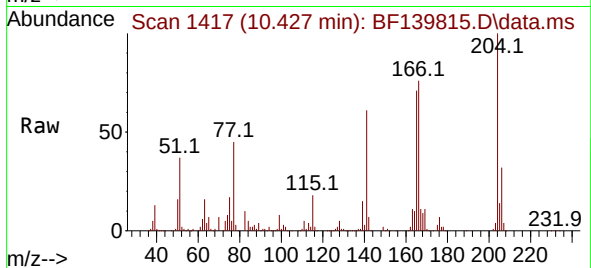
PB164157BS

Tgt Ion:204 Resp: 26798
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 61.3 49.0 73.6

Manual Integrations

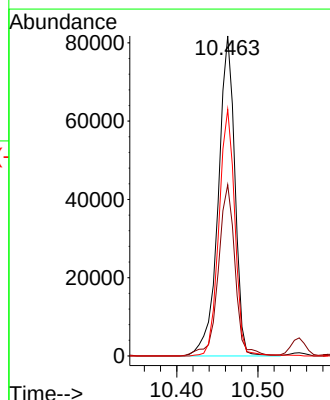
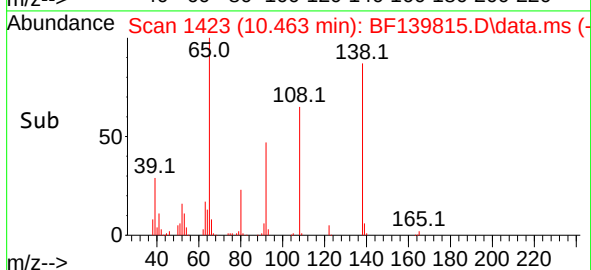
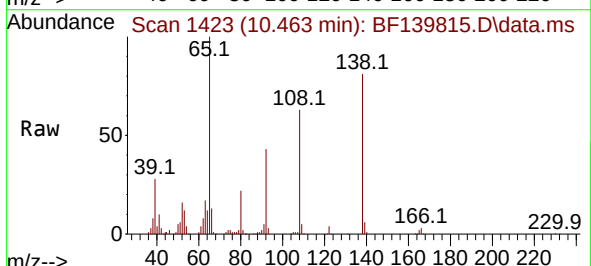
APPROVED

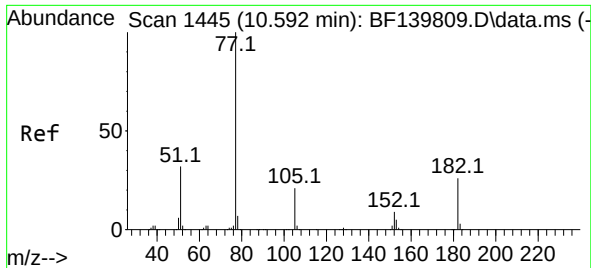
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#62
4-Nitroaniline
Concen: 40.081 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:138 Resp: 116739
Ion Ratio Lower Upper
138 100
92 53.5 33.2 73.2
108 77.0 57.0 97.0





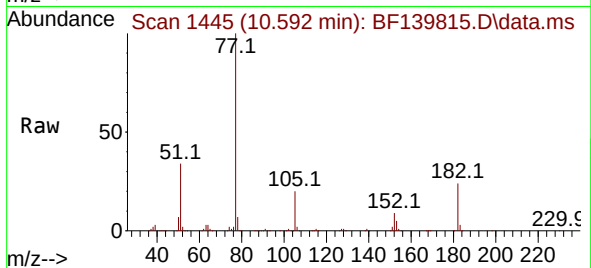
#63
Azobenzene
Concen: 40.229 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



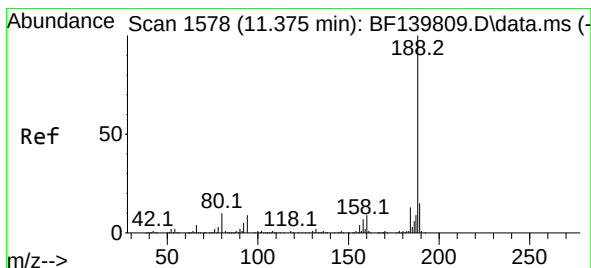
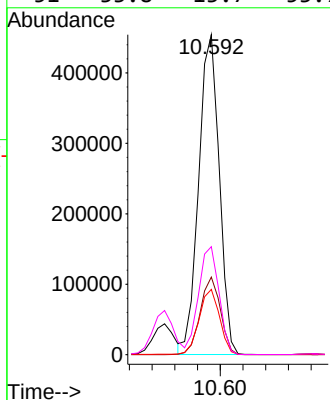
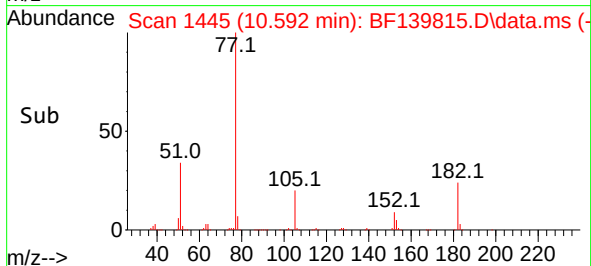
Tgt Ion: 77 Resp: 57117
Ion Ratio Lower Upper
77 100
182 24.2 5.4 45.4
105 20.4 0.4 40.4
51 33.8 13.7 53.7

Manual Integrations

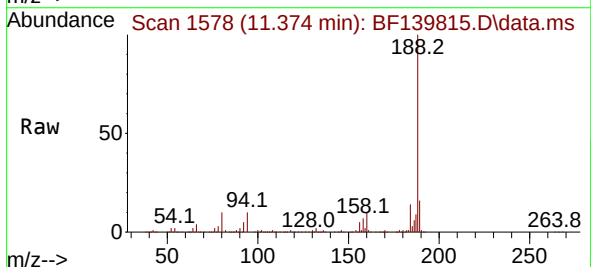
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

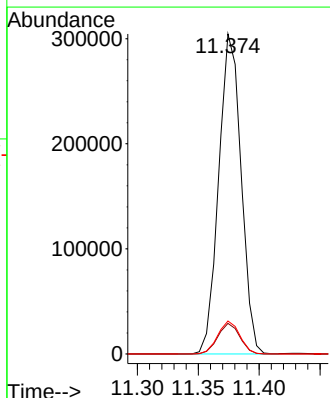
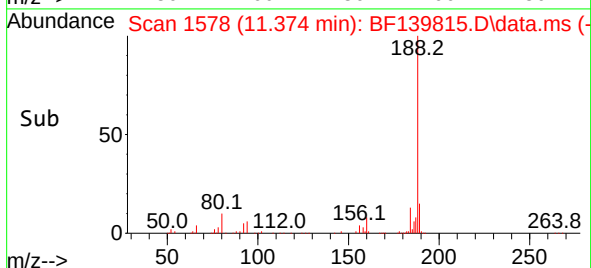
Supervised By :mohammad ahmed 10/16/2024

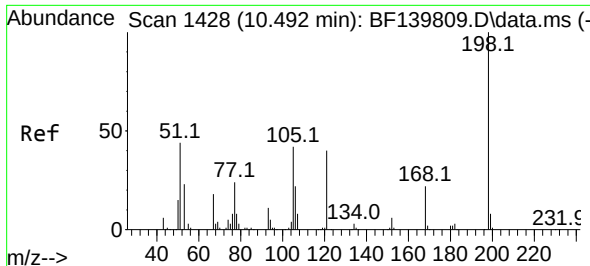


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:188 Resp: 390235
Ion Ratio Lower Upper
188 100
94 9.5 7.3 10.9
80 10.3 7.8 11.8





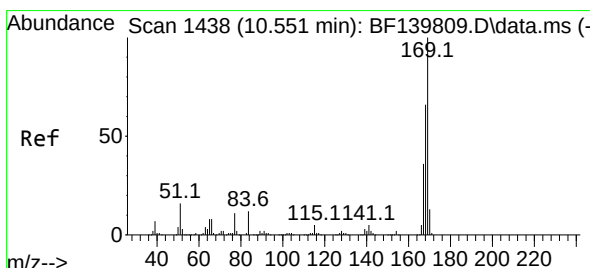
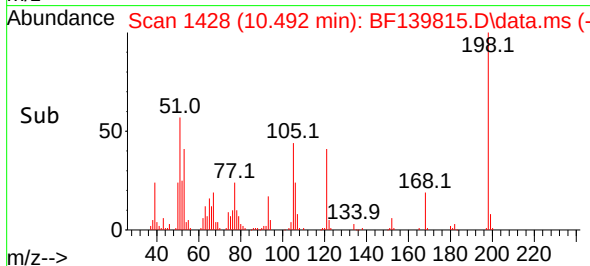
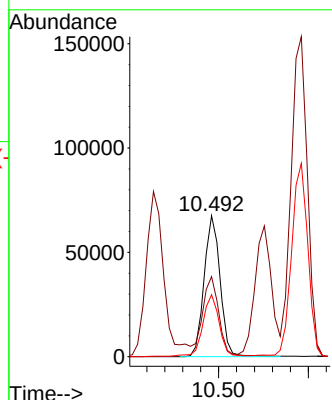
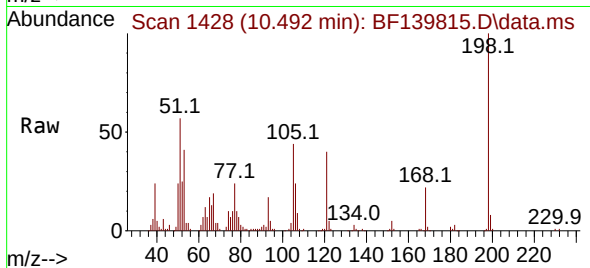
#65
4,6-Dinitro-2-methylphenol
Concen: 40.911 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :
BNA_F
ClientSampleId :
PB164157BS

Tgt Ion:198 Resp: 83758
Ion Ratio Lower Upper
198 100
51 56.8 34.3 74.3
105 44.0 23.8 63.8

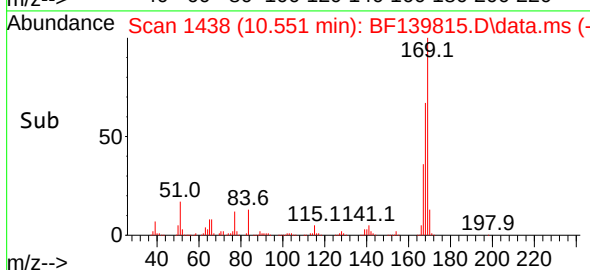
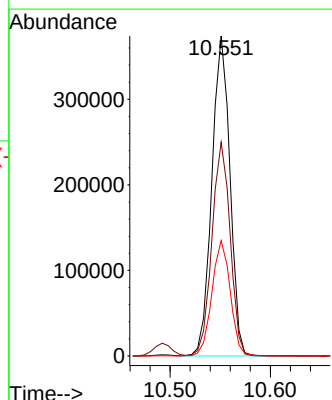
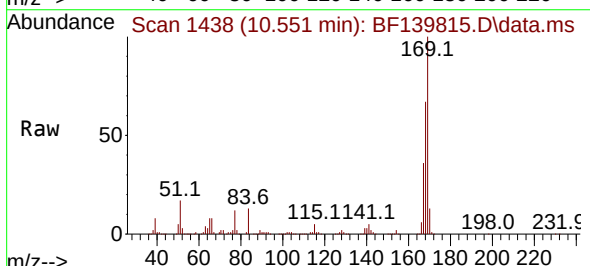
Manual Integrations
APPROVED

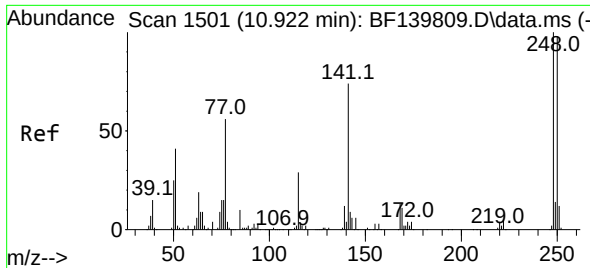
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#66
n-Nitrosodiphenylamine
Concen: 37.960 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:169 Resp: 468566
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 36.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 37.381 ng
RT: 10.921 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

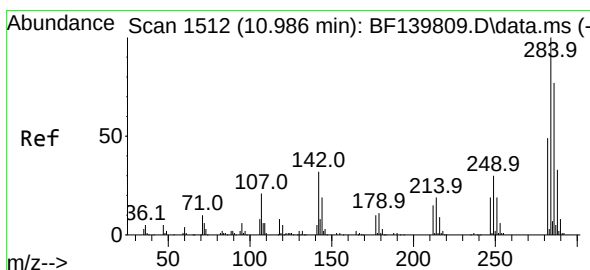
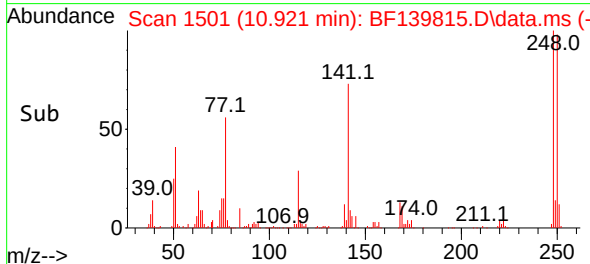
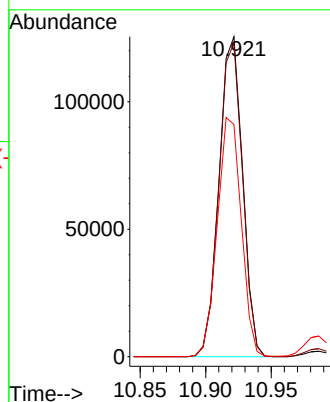
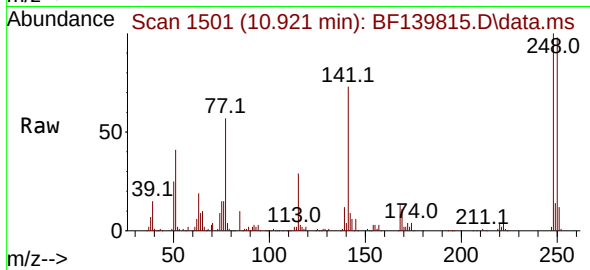
PB164157BS

Tgt Ion:248 Resp: 157159
Ion Ratio Lower Upper
248 100
250 98.1 78.7 118.1
141 72.5 58.9 88.3

Manual Integrations

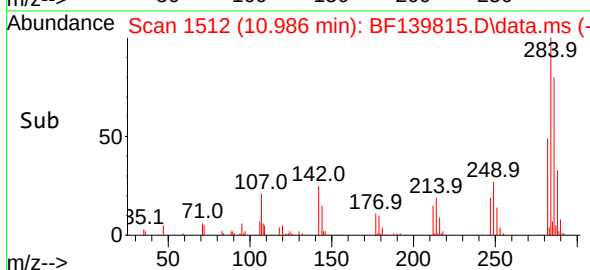
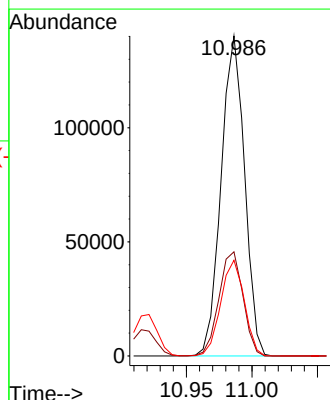
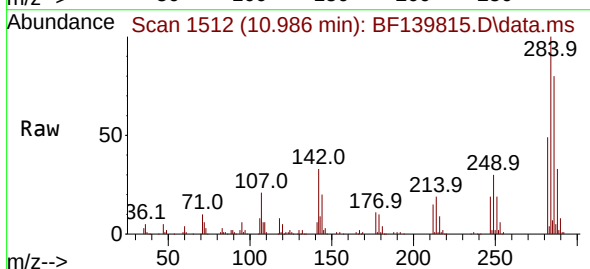
APPROVED

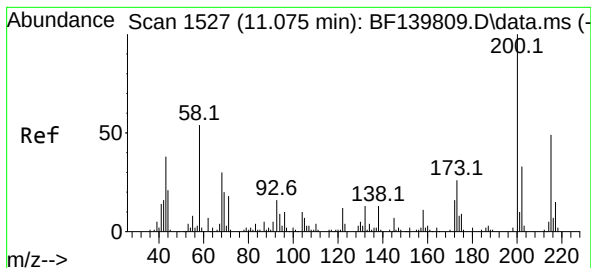
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#68
Hexachlorobenzene
Concen: 37.031 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:284 Resp: 174159
Ion Ratio Lower Upper
284 100
142 32.5 25.2 37.8
249 29.9 23.8 35.8





#69

Atrazine

Concen: 60.201 ng

RT: 11.074 min Scan# 1527

Delta R.T. -0.001 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

Tgt Ion:200 Resp: 13872

Ion Ratio Lower Upper

200 100

173 27.7 6.5 46.5

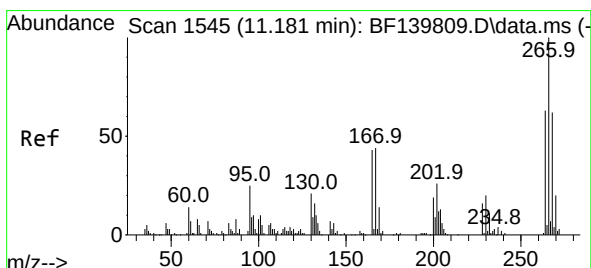
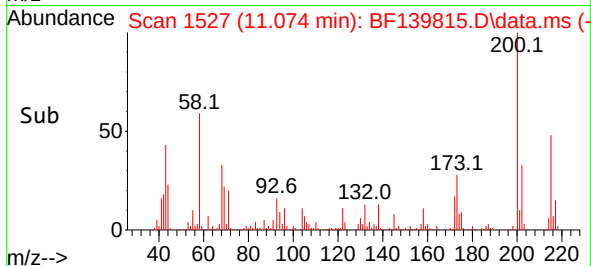
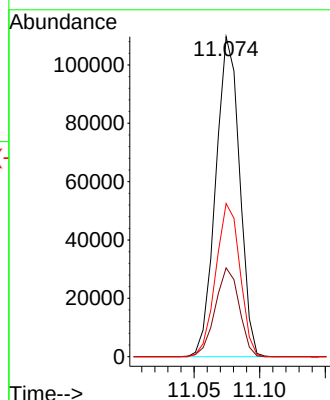
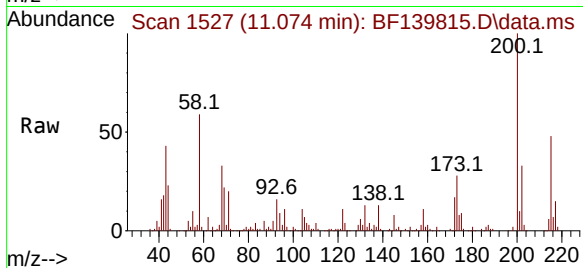
215 47.8 29.2 69.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#70

Pentachlorophenol

Concen: 80.713 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

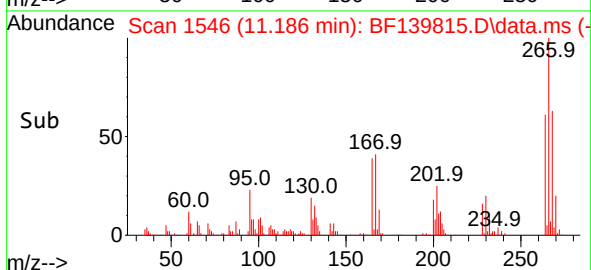
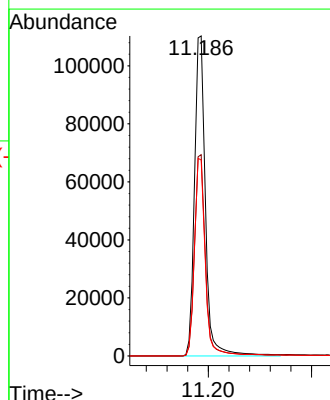
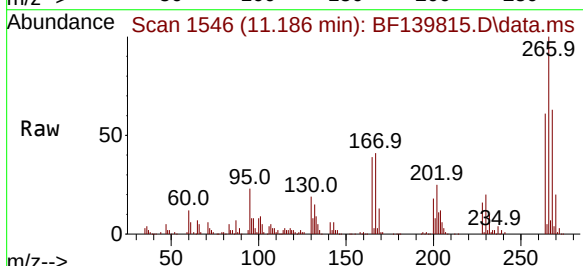
Tgt Ion:266 Resp: 162338

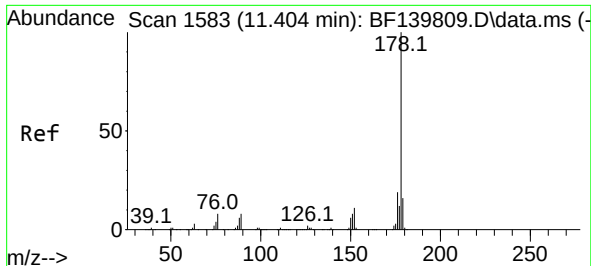
Ion Ratio Lower Upper

266 100

268 62.9 49.8 74.8

264 61.3 50.5 75.7





#71
Phenanthrene
Concen: 39.114 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

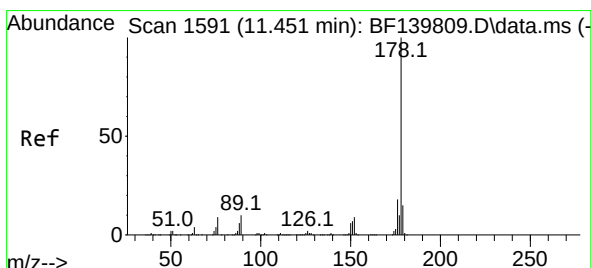
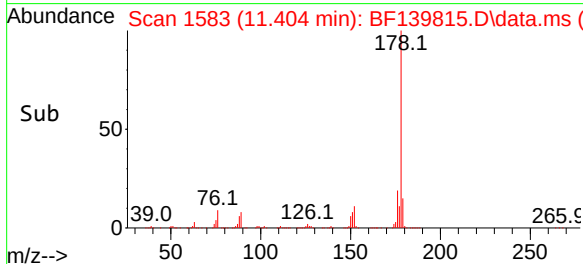
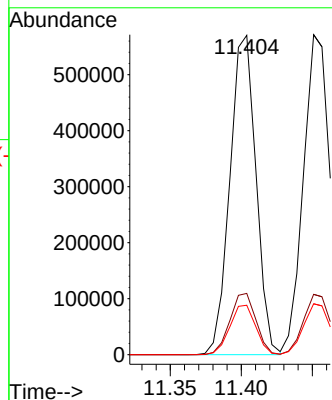
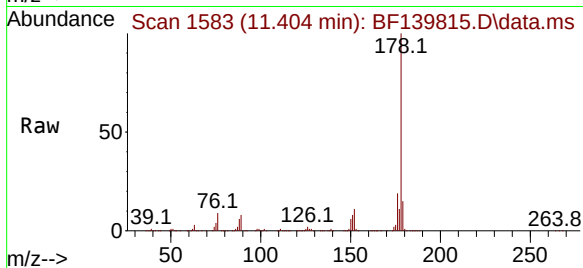
PB164157BS

Tgt Ion:178 Resp: 729100
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.5 12.5 18.7

Manual Integrations

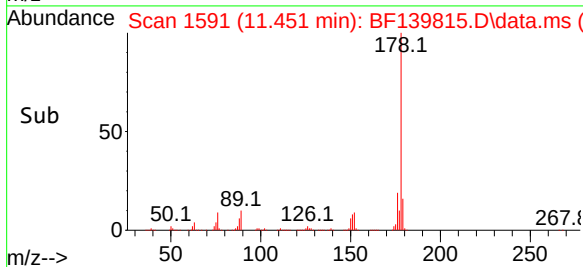
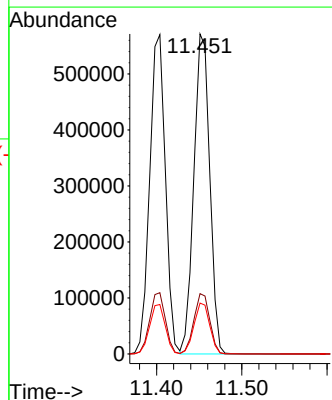
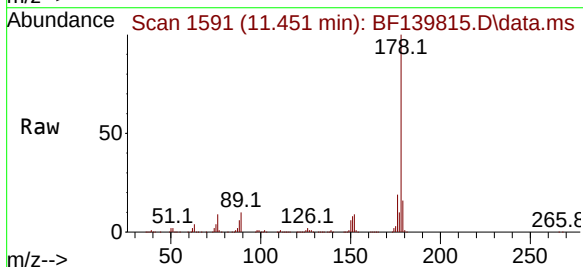
APPROVED

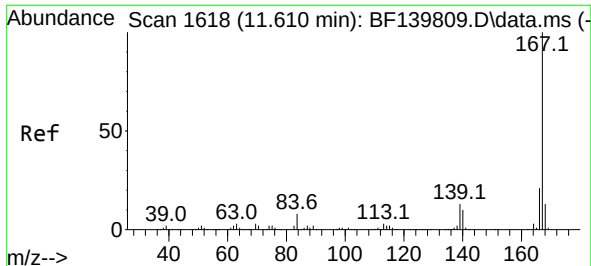
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#72
Anthracene
Concen: 40.388 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:178 Resp: 739749
Ion Ratio Lower Upper
178 100
176 18.9 14.6 21.8
179 15.9 12.4 18.6





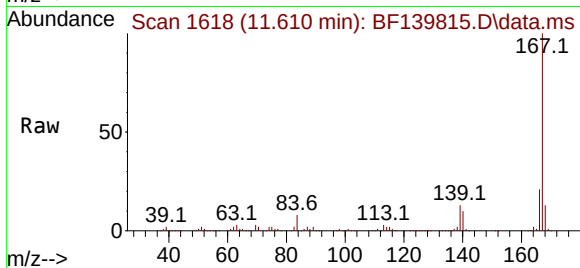
#73
 Carbazole
 Concen: 38.327 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



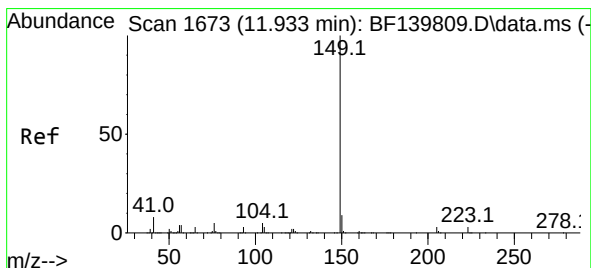
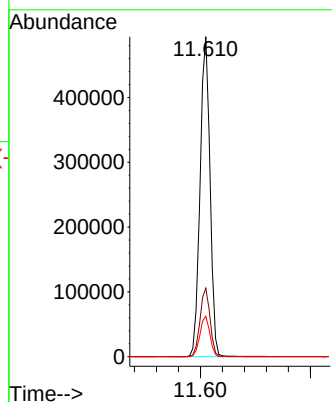
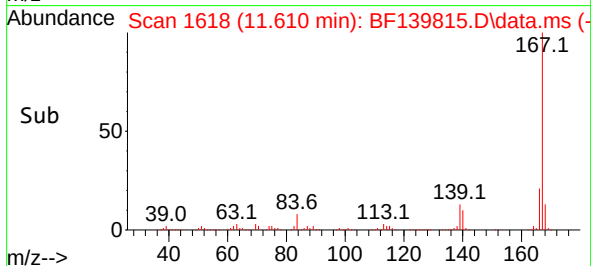
Tgt Ion:167 Resp: 621097
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.7 10.1 15.1

Manual Integrations

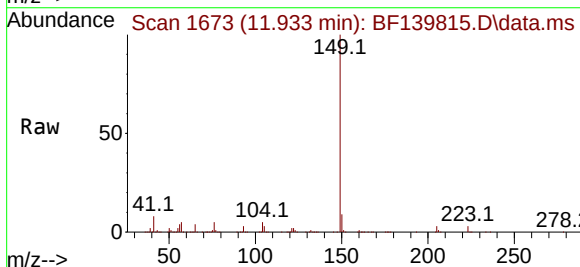
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

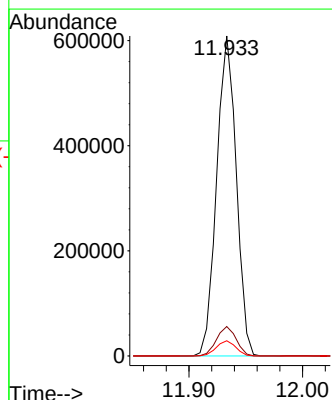
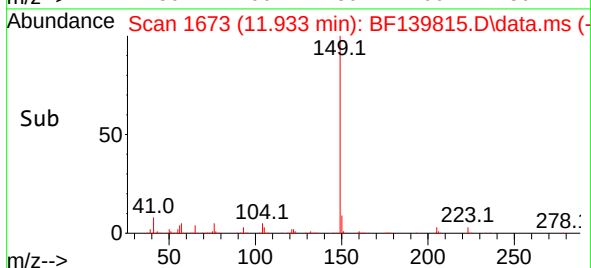
Supervised By :mohammad ahmed 10/16/2024

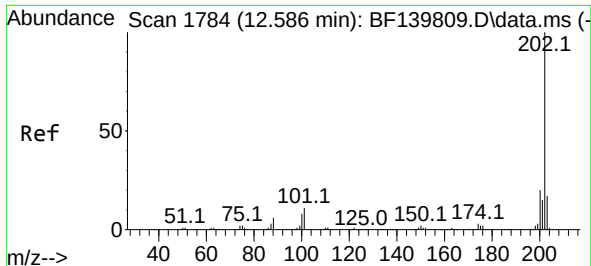


#74
 Di-n-butylphthalate
 Concen: 41.491 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36



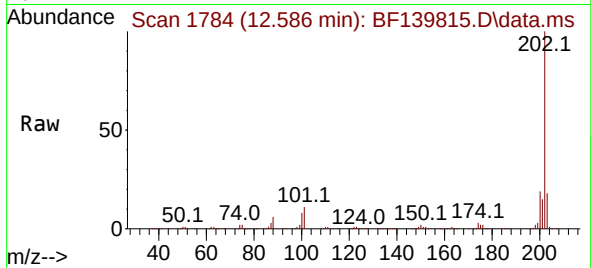
Tgt Ion:149 Resp: 730597
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 4.8 3.8 5.8





#75
Fluoranthene
Concen: 37.199 ng
RT: 12.586 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

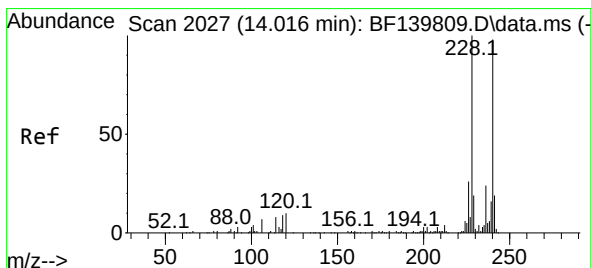
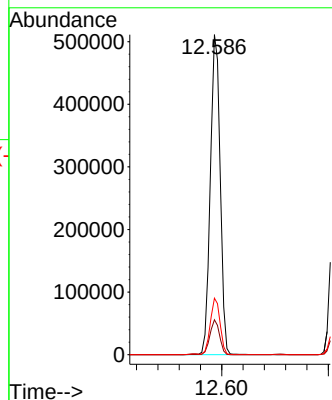
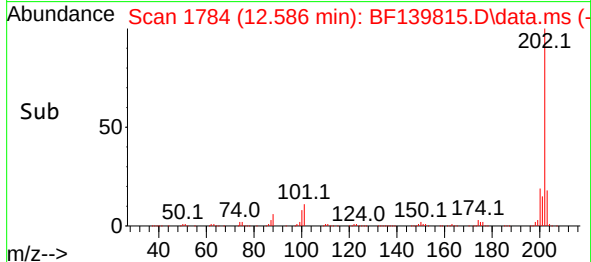
Instrument :
BNA_F
ClientSampleId :
PB164157BS



Tgt Ion:202 Resp: 654227
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.8
203 17.6 0.0 37.5

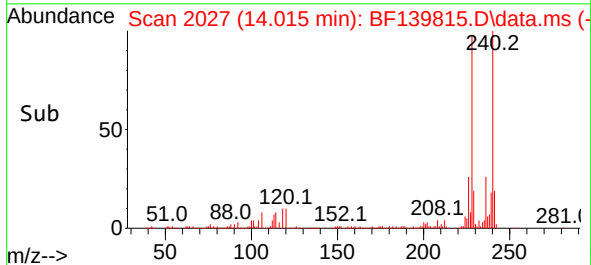
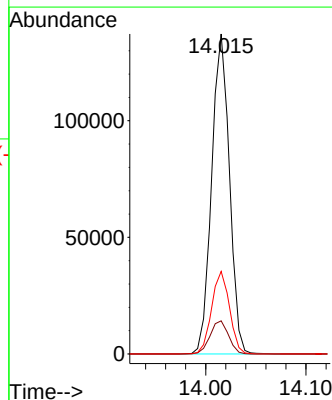
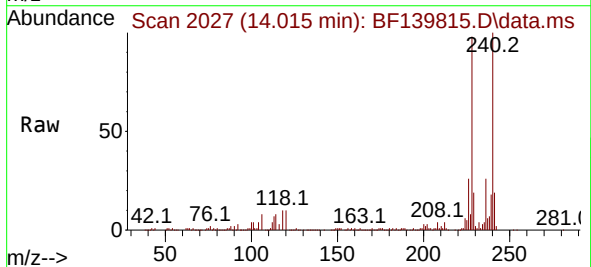
Manual Integrations
APPROVED

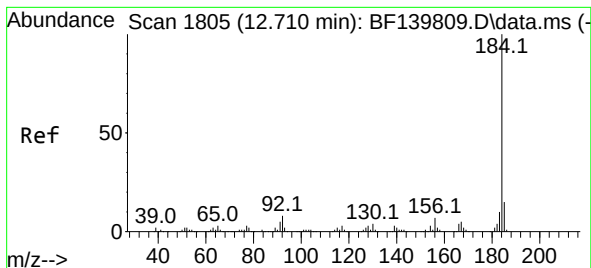
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:240 Resp: 169025
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.8 20.0 30.0





#77

Benzidine

Concen: 55.465 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

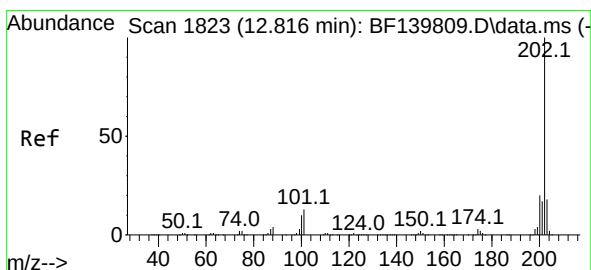
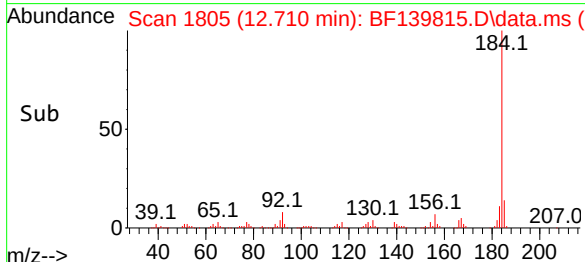
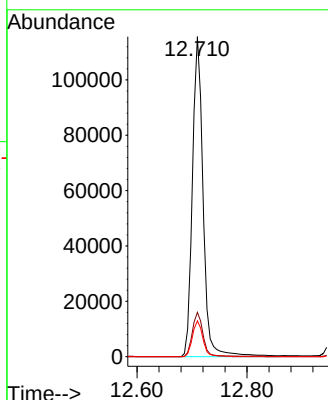
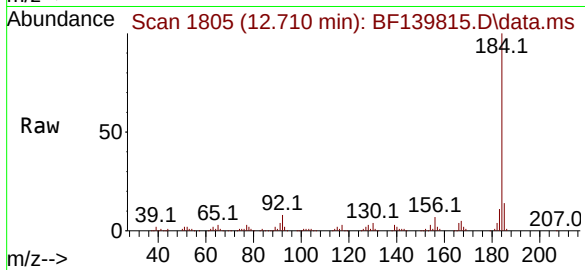
PB164157BS

Tgt Ion:184 Resp: 156600
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.9 17.9
 183 11.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024



#78

Pyrene

Concen: 39.099 ng

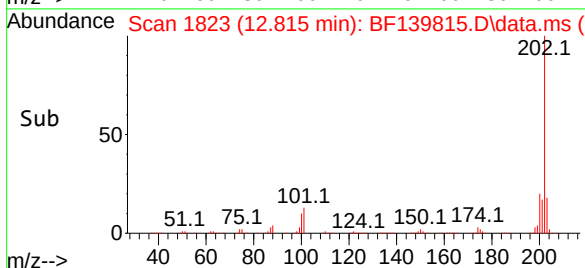
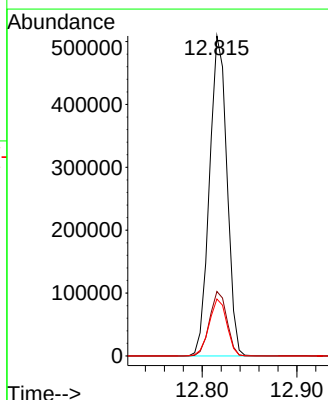
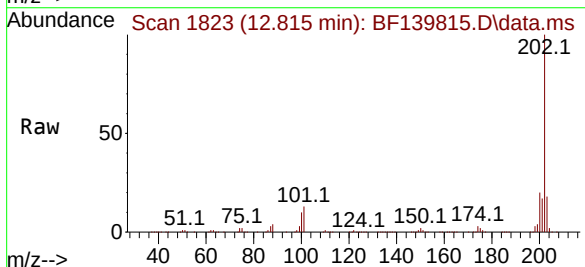
RT: 12.815 min Scan# 1823

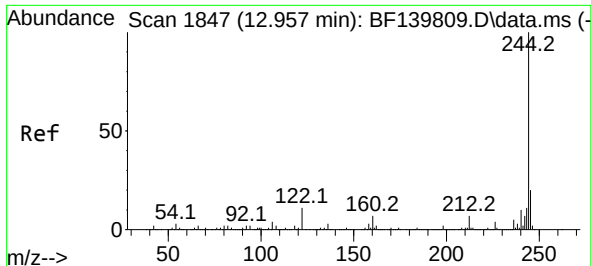
Delta R.T. -0.001 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Tgt Ion:202 Resp: 649667
 Ion Ratio Lower Upper
 202 100
 200 20.2 15.9 23.9
 203 17.8 14.0 21.0





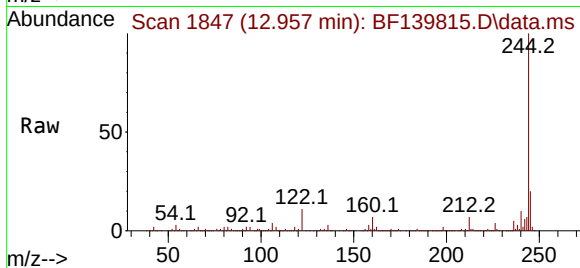
#79
 Terphenyl-d14
 Concen: 104.967 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



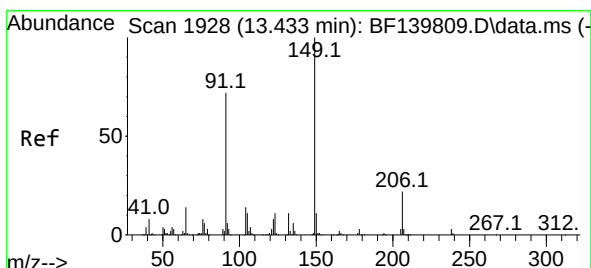
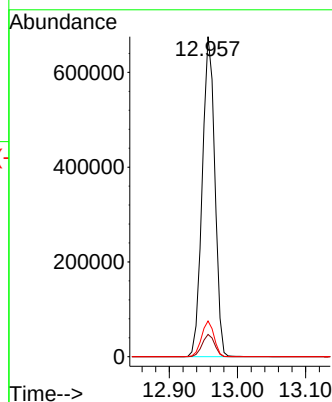
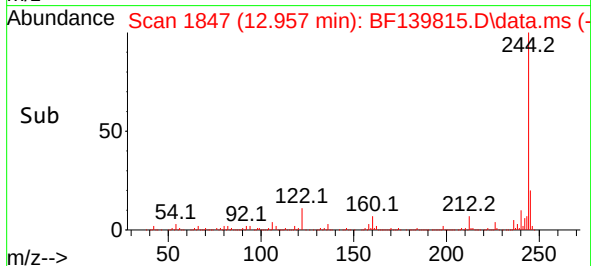
Tgt Ion:244 Resp: 866374
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.2 8.9 13.3

Manual Integrations

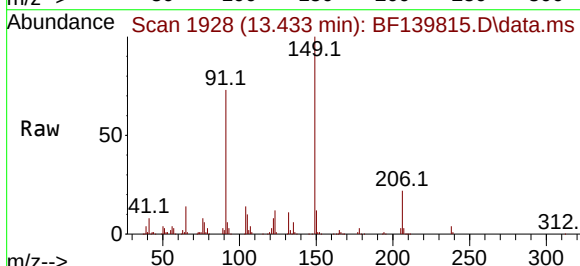
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

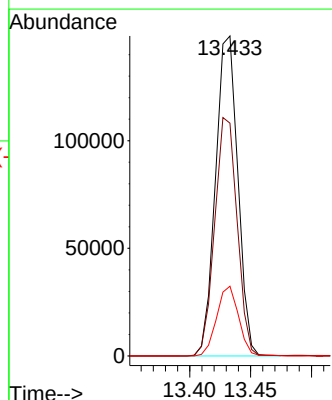
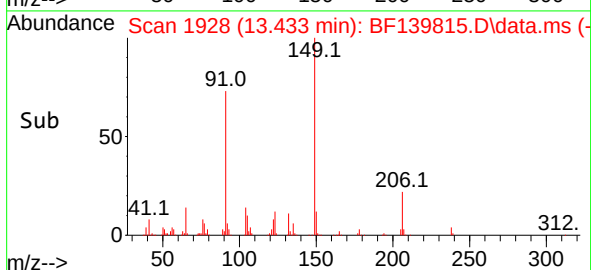
Supervised By :mohammad ahmed 10/16/2024

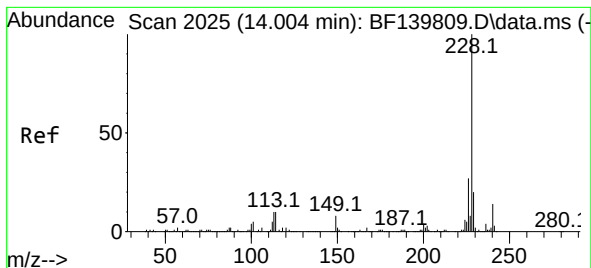


#80
 Butylbenzylphthalate
 Concen: 42.185 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: BF139815.D
 Acq: 15 Oct 2024 16:36



Tgt Ion:149 Resp: 190026
 Ion Ratio Lower Upper
 149 100
 91 72.8 57.8 86.8
 206 21.8 17.4 26.2





#81

Benzo(a)anthracene

Concen: 39.779 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139815.D

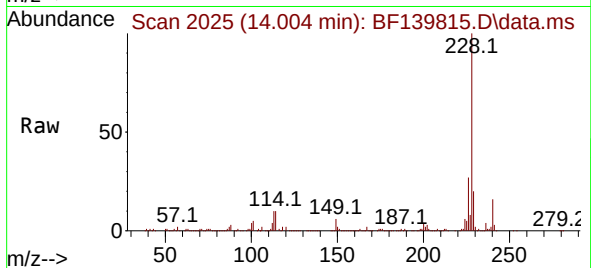
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



Tgt Ion:228 Resp: 446599

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

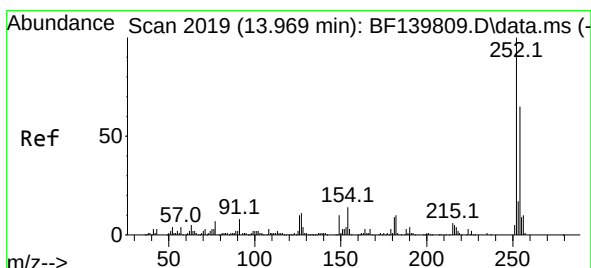
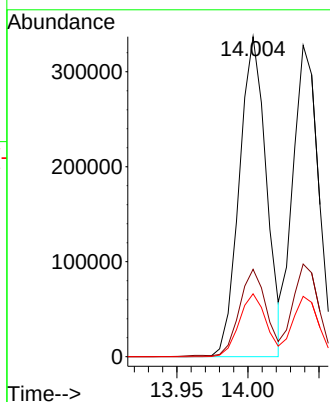
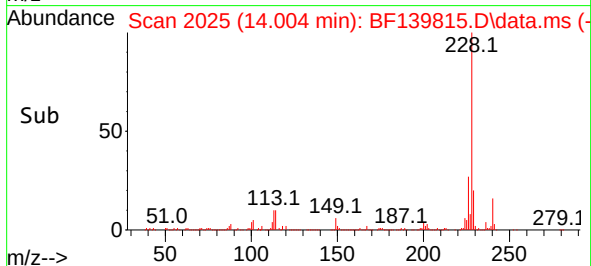
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 26.395 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

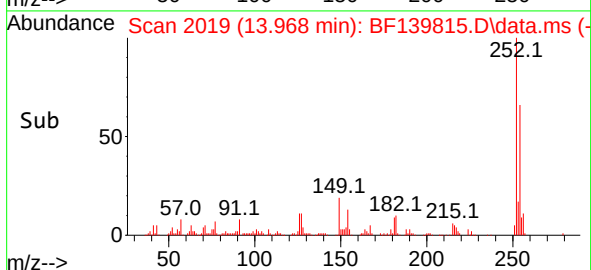
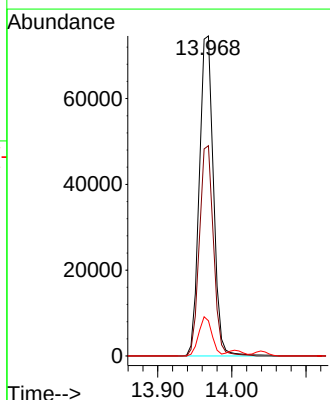
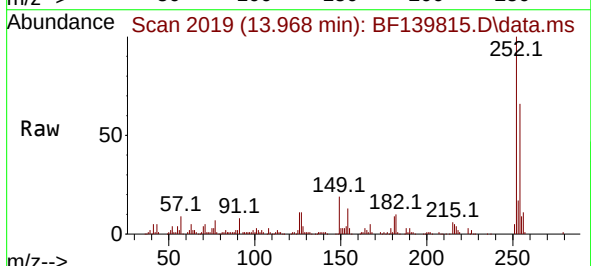
Tgt Ion:252 Resp: 98739

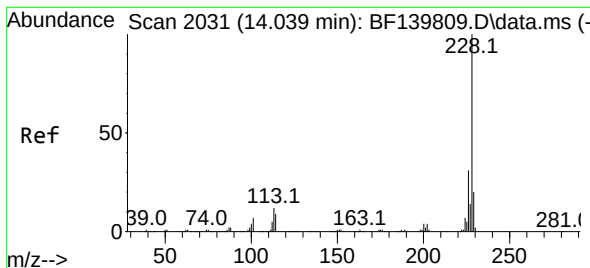
Ion Ratio Lower Upper

252 100

254 65.7 51.7 77.5

126 11.0 8.2 12.2





#83

Chrysene

Concen: 40.166 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

Tgt Ion:228 Resp: 41102

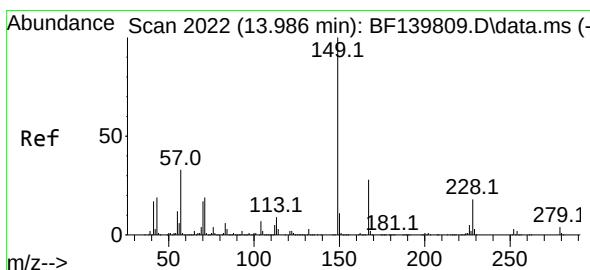
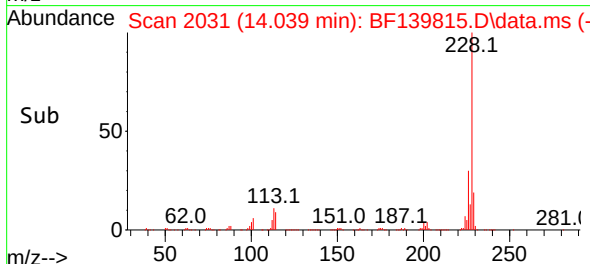
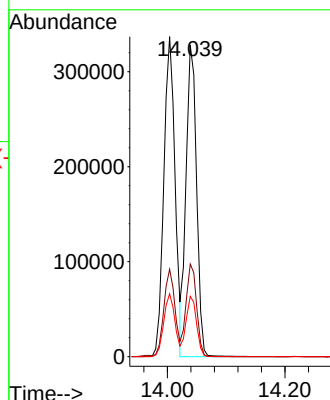
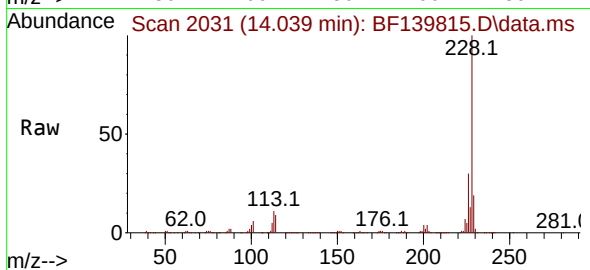
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.4	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.983 ng

RT: 13.986 min Scan# 2022

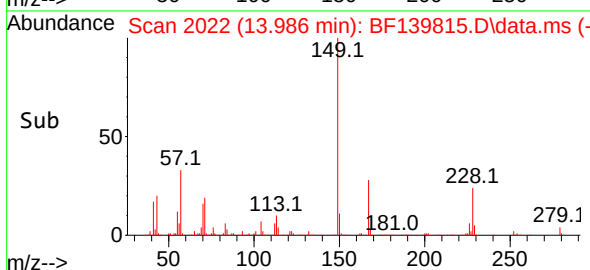
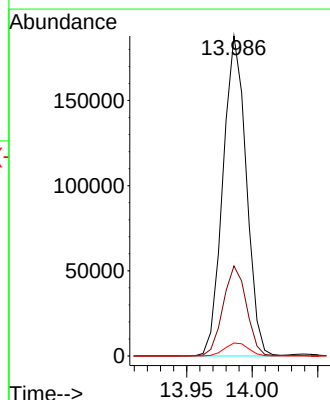
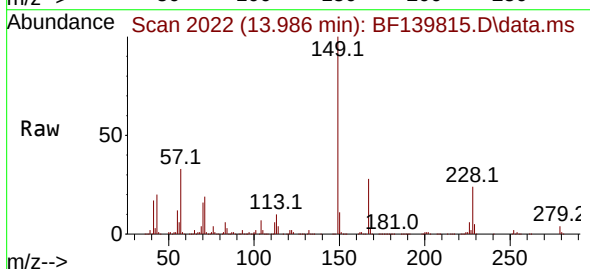
Delta R.T. -0.000 min

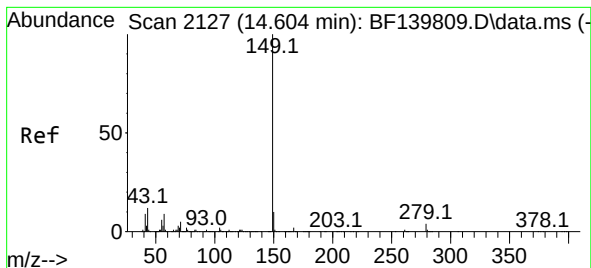
Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Tgt Ion:149 Resp: 232320

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.1	3.3	4.9





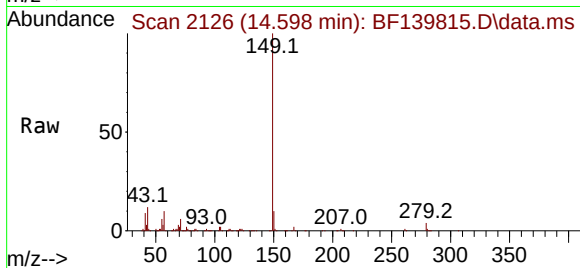
#85
Di-n-octyl phthalate
Concen: 39.893 ng
RT: 14.598 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS



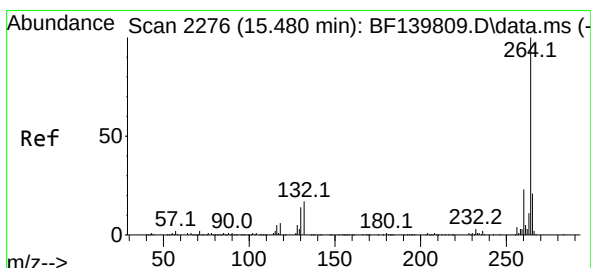
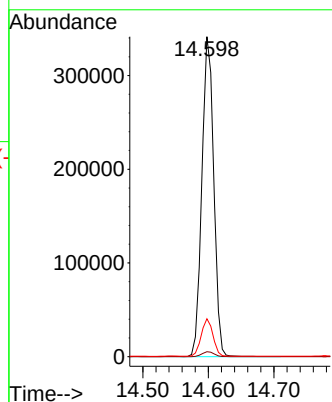
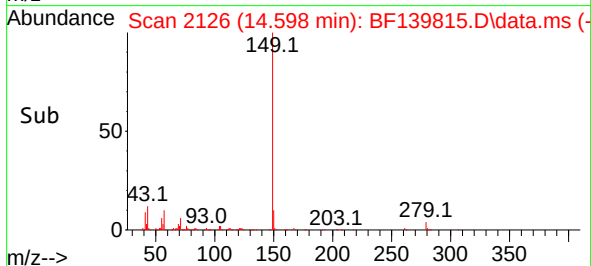
Tgt Ion:149 Resp: 431249
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 10.1 15.1

Manual Integrations

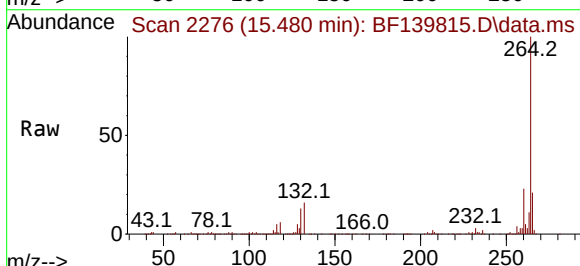
APPROVED

Reviewed By :Yogesh Patel 10/16/2024

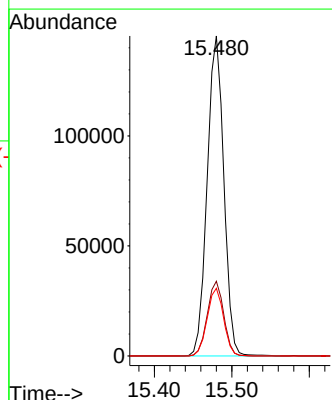
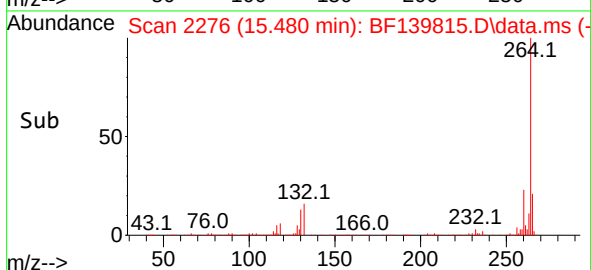
Supervised By :mohammad ahmed 10/16/2024

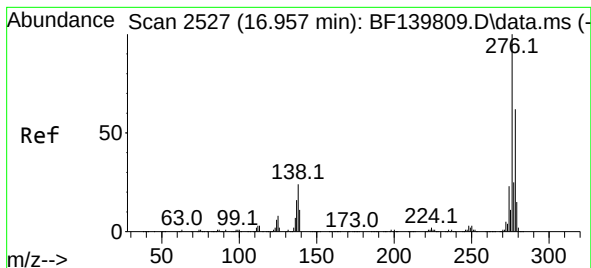


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:264 Resp: 216444
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.518 ng

RT: 16.956 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

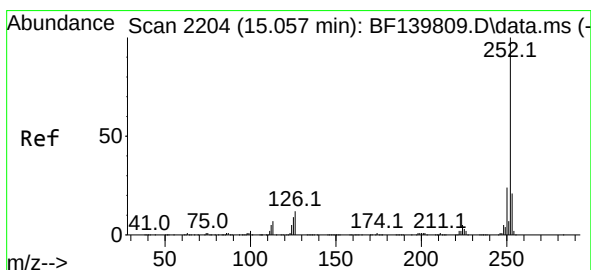
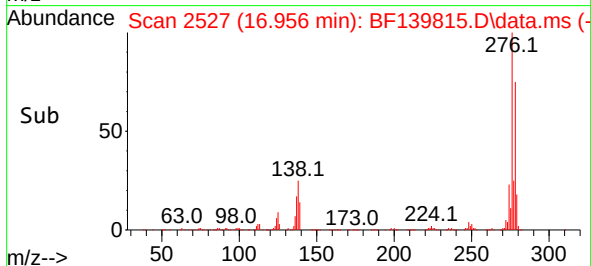
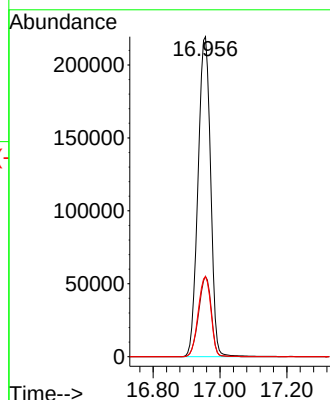
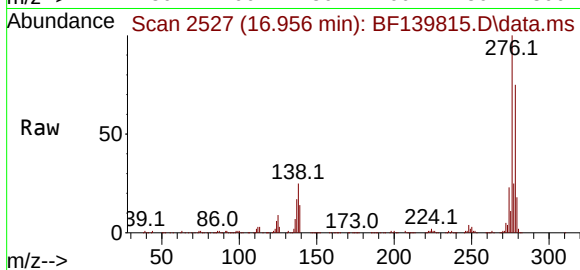
Tgt Ion:	276	Resp:	57277
Ion Ratio	Lower	Upper	
276	100		
138	25.1	20.0	30.0
277	25.2	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/16/2024



#88

Benzo(b)fluoranthene

Concen: 39.838 ng

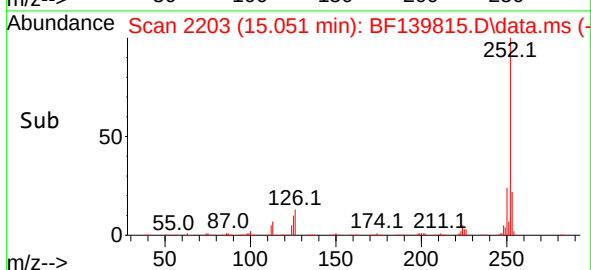
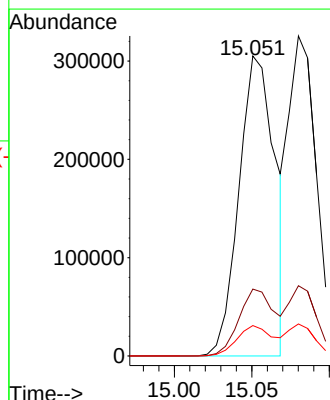
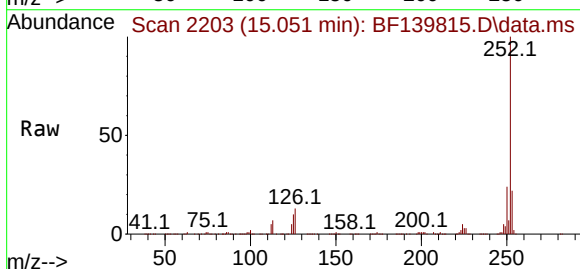
RT: 15.051 min Scan# 2203

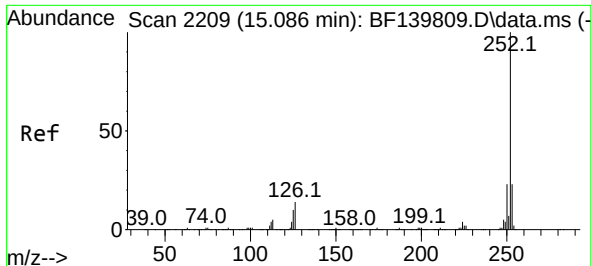
Delta R.T. -0.006 min

Lab File: BF139815.D

Acq: 15 Oct 2024 16:36

Tgt Ion:	252	Resp:	494597
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	10.2	7.4	11.2





#89
Benzo(k)fluoranthene
Concen: 37.042 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

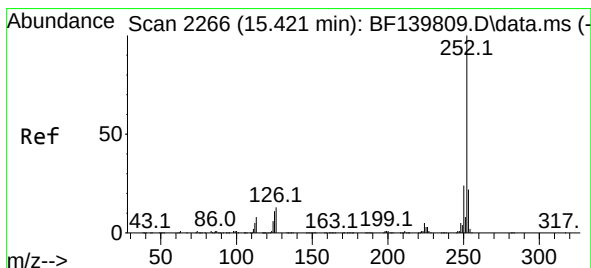
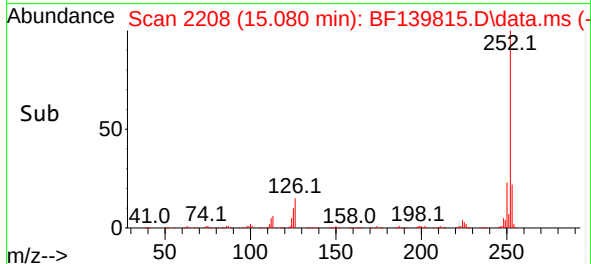
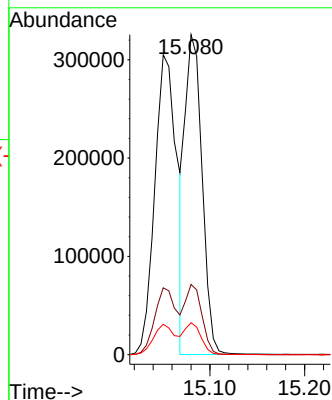
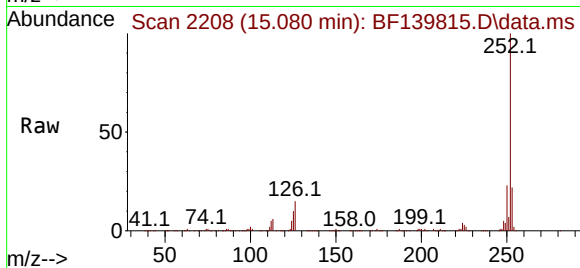
PB164157BS

Tgt Ion:252 Resp: 408129
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 7.7 11.5

Manual Integrations

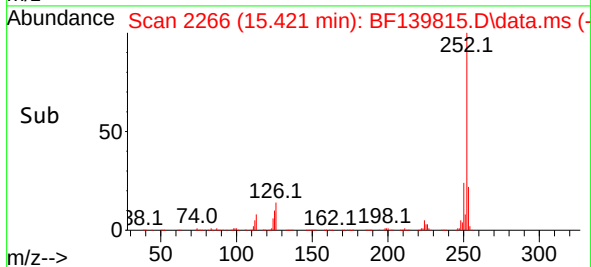
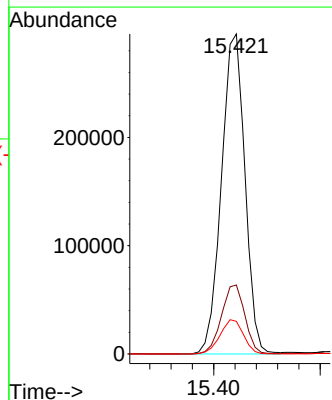
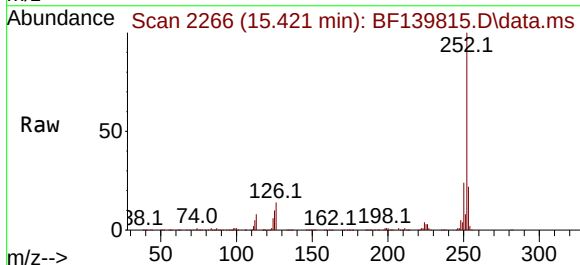
APPROVED

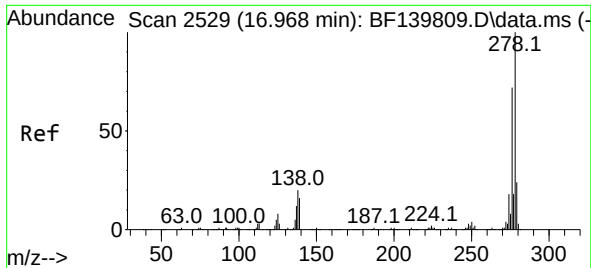
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#90
Benzo(a)pyrene
Concen: 41.706 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Tgt Ion:252 Resp: 452266
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.2 8.4 12.6





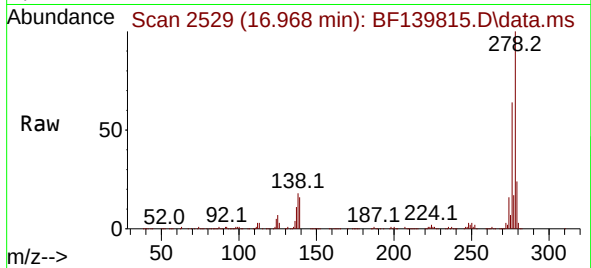
#91
Dibenzo(a,h)anthracene
Concen: 39.204 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36

Instrument :

BNA_F

ClientSampleId :

PB164157BS

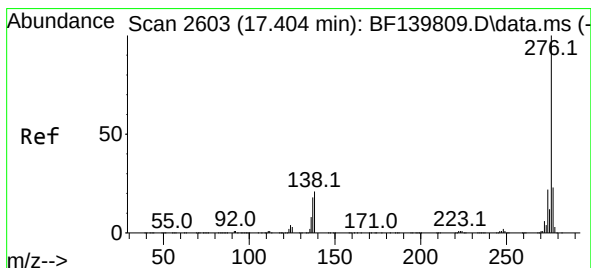
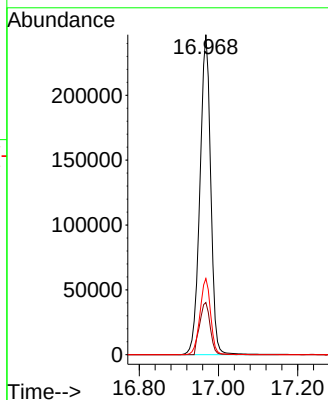
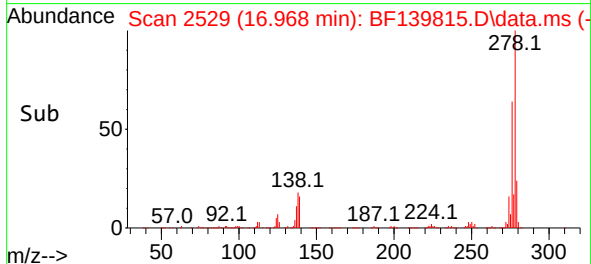


Tgt Ion:278 Resp: 465968
Ion Ratio Lower Upper
278 100
139 16.3 13.0 19.4
279 23.8 19.0 28.6

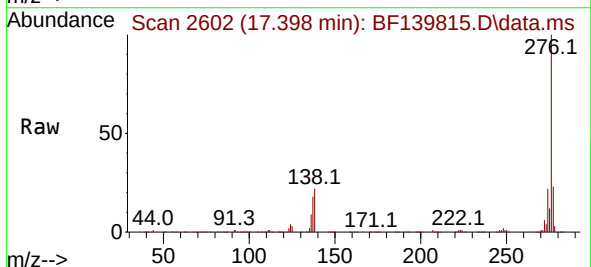
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024



#92
Benzo(g,h,i)perylene
Concen: 35.001 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.006 min
Lab File: BF139815.D
Acq: 15 Oct 2024 16:36



Tgt Ion:276 Resp: 436333
Ion Ratio Lower Upper
276 100
277 23.1 18.2 27.4
138 22.0 17.0 25.4

