

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135394.D
 Acq On : 22 Sep 2023 11:31
 Operator : CG\JU
 Sample : PB155676BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155676BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 23 04:39:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	147400	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	563150	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	276265	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	511338	20.000	ng	0.00
76) Chrysene-d12	13.945	240	256252	20.000	ng	0.00
86) Perylene-d12	15.410	264	268980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1066404	117.670	ng	0.02
7) Phenol-d6	6.410	99	1330167	115.428	ng	0.00
23) Nitrobenzene-d5	7.328	82	856531	82.633	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	293143	106.776	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1365566	74.575	ng	0.00
79) Terphenyl-d14	12.886	244	1314047	79.493	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	161384	40.621	ng	94
3) Pyridine	3.305	79	417312	39.028	ng	98
4) n-Nitrosodimethylamine	3.263	42	252299	44.465	ng	91
6) Aniline	6.428	93	411811	27.252	ng	# 62
8) 2-Chlorophenol	6.545	128	437939	45.267	ng	99
9) Benzaldehyde	6.316	77	124226	18.923	ng	99
10) Phenol	6.422	94	496413	39.285	ng	88
11) bis(2-Chloroethyl)ether	6.504	93	427171	45.067	ng	97
12) 1,3-Dichlorobenzene	6.698	146	426452	43.374	ng	98
13) 1,4-Dichlorobenzene	6.775	146	433994	43.386	ng	99
14) 1,2-Dichlorobenzene	6.928	146	412152	44.367	ng	96
15) Benzyl Alcohol	6.910	79	348083	42.093	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.040	45	775622	43.413	ng	93
17) 2-Methylphenol	7.022	107	353605	41.419	ng	97
18) Hexachloroethane	7.263	117	162672	44.012	ng	92
19) n-Nitroso-di-n-propyla...	7.175	70	271366	38.018	ng	92
20) 3+4-Methylphenols	7.181	107	393929	38.373	ng	# 75
22) Acetophenone	7.169	105	540132	41.952	ng	# 95
24) Nitrobenzene	7.345	77	450135	43.936	ng	100
25) Isophorone	7.581	82	820989	43.133	ng	98
26) 2-Nitrophenol	7.657	139	226970	46.159	ng	99
27) 2,4-Dimethylphenol	7.704	122	331874	40.153	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	508509	44.636	ng	99
29) 2,4-Dichlorophenol	7.904	162	338062	44.141	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	351480	43.908	ng	100
31) Naphthalene	8.063	128	1176221	42.988	ng	99
32) Benzoic acid	7.845	122	257425	41.362	ng	98
33) 4-Chloroaniline	8.116	127	251807	20.976	ng	98
34) Hexachlorobutadiene	8.175	225	197141	40.843	ng	98
35) Caprolactam	8.492	113	117065m	45.544	ng	
36) 4-Chloro-3-methylphenol	8.610	107	366005	42.999	ng	96
37) 2-Methylnaphthalene	8.751	142	726036	39.475	ng	99
38) 1-Methylnaphthalene	8.851	142	693816	40.292	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	338093	42.242	ng	99
41) Hexachlorocyclopentadiene	8.904	237	220045	64.020	ng	95
43) 2,4,6-Trichlorophenol	9.039	196	224862	42.910	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	242239	40.140	ng	98
46) 1,1'-Biphenyl	9.222	154	894358	42.126	ng	99
47) 2-Chloronaphthalene	9.245	162	682131	44.283	ng	99
48) 2-Nitroaniline	9.345	65	267425	44.687	ng	95
49) Acenaphthylene	9.657	152	1113531	43.497	ng	100
50) Dimethylphthalate	9.528	163	786265	42.095	ng	99
51) 2,6-Dinitrotoluene	9.592	165	178429	43.606	ng	91
52) Acenaphthene	9.833	154	637151	42.131	ng	99
53) 3-Nitroaniline	9.763	138	142991	29.771	ng	94
54) 2,4-Dinitrophenol	9.881	184	174711	75.587	ng	96
55) Dibenzofuran	10.004	168	918715	39.809	ng	99
56) 4-Nitrophenol	9.945	139	238321	78.071	ng	93
57) 2,4-Dinitrotoluene	10.004	165	204031	39.830	ng	# 87
58) Fluorene	10.351	166	720589	40.616	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	195164	42.041	ng	97
60) Diethylphthalate	10.228	149	768673	41.006	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	328043	38.492	ng	97
62) 4-Nitroaniline	10.381	138	198189	42.926	ng	96
63) Azobenzene	10.504	77	793342	43.243	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	119294	43.925	ng	89
66) n-Nitrosodiphenylamine	10.463	169	676788	43.719	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	213613	42.003	ng	99
68) Hexachlorobenzene	10.898	284	228193	44.043	ng	# 92
69) Atrazine	10.998	200	210863	50.623	ng	99
70) Pentachlorophenol	11.098	266	214769	69.284	ng	98
71) Phenanthrene	11.316	178	1072473	44.346	ng	99
72) Anthracene	11.369	178	1089340	43.821	ng	100
73) Carbazole	11.528	167	1054391	46.594	ng	99
74) Di-n-butylphthalate	11.857	149	1192316	44.714	ng	100
75) Fluoranthene	12.510	202	1110660	44.075	ng	98
77) Benzidine	12.633	184	368318	70.159	ng	100
78) Pyrene	12.739	202	1138720	46.674	ng	100
80) Butylbenzylphthalate	13.363	149	424047	49.366	ng	96
81) Benzo(a)anthracene	13.933	228	728752	44.042	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	169883	32.869	ng	# 96
83) Chrysene	13.974	228	726364	44.152	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	451212	51.189	ng	97
85) Di-n-octyl phthalate	14.545	149	690285	49.277	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	806351	45.722	ng	96
88) Benzo(b)fluoranthene	14.986	252	636684	43.726	ng	# 98
89) Benzo(k)fluoranthene	15.015	252	606091	42.138	ng	98
90) Benzo(a)pyrene	15.351	252	595090	42.856	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	649495	45.010	ng	99
92) Benzo(g,h,i)perylene	17.351	276	688171	45.664	ng	97

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

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

TIC: BF135394.D\data.ms

Abundance

Time-->

1,4-Dioxane
N,N-dimethylmethanamine,
Benzaldehyde
bis(2-Chloroethoxy)methane
Phenol-d6,S
Phenol,C
Acetaminophen
Nitrobenzene-d5,S
Nitrobenzene
Hexachlorocyclopentadiene
Isophthalonitrile
2-Nitrophenol,C
2,4-Dichlorophenoxy methane
2,4,5-Trichlorophenoxy methane
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene
2-Methylphthalic anhydride
2-Chloronaphthalene
2-Nitronaphthalene
Azobenzene
Diethylphthalate
4-Nitrophenol,P
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4-Bromodiphenyl ether
4-Bromodiphenyl ether
Phenanthrene-d10,l
Phenanthrene
Carbazole
Di-n-butylphthalate
Fluoranthene,C
Pyrene
Terphenyl-d14,S
Buylbenzylphthalate
Chrysene-d12,l
Chrysene
Benzo(a)anthracene
Di-n-octyl phthalate,c
Benzo(b)fluoranthene
Perylene-d12,l
Benzo(a)pyrene,C
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene



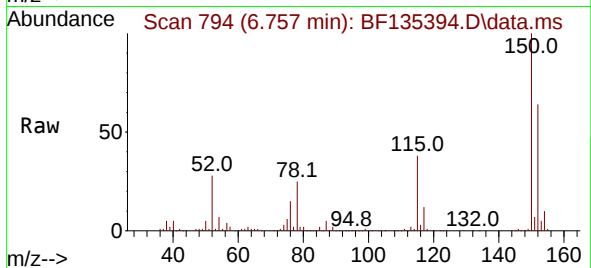
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF135394.D
 Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

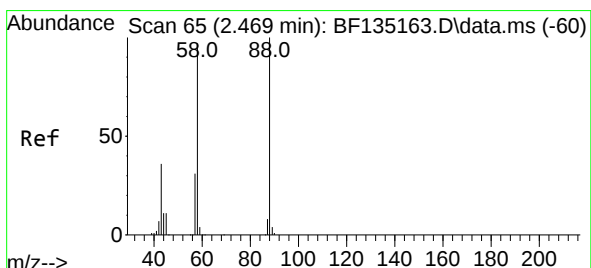
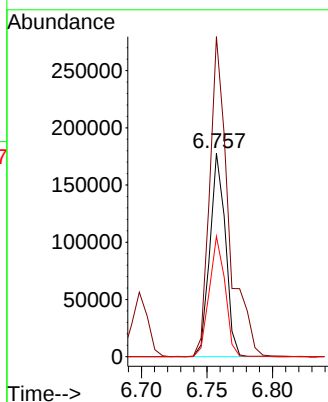
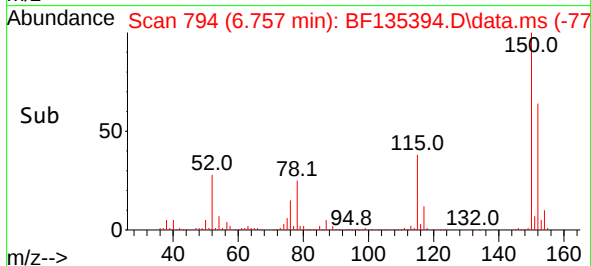


Tgt Ion:152 Resp: 147400
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.8 191.6
 115 59.1 49.8 74.8

Manual Integrations

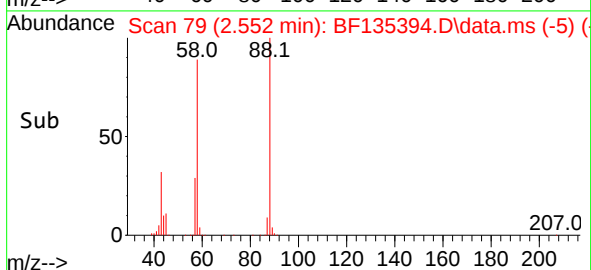
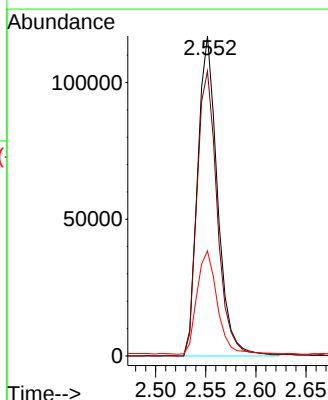
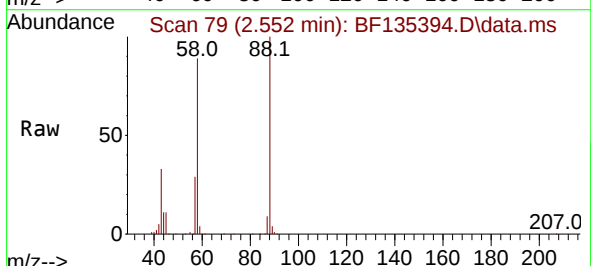
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#2
 1,4-Dioxane
 Concen: 40.621 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.083 min
 Lab File: BF135394.D
 Acq: 22 Sep 2023 11:31

Tgt Ion: 88 Resp: 161384
 Ion Ratio Lower Upper
 88 100
 58 91.2 78.3 117.5
 43 33.3 29.4 44.0





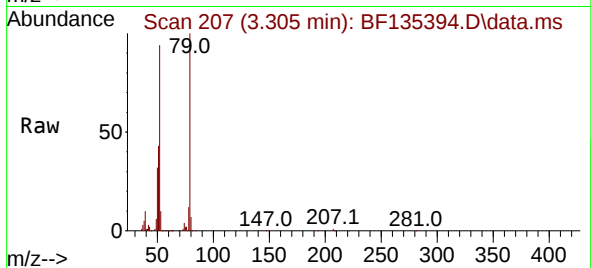
#3
Pyridine
Concen: 39.028 ng
RT: 3.305 min Scan# 207
Delta R.T. 0.088 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

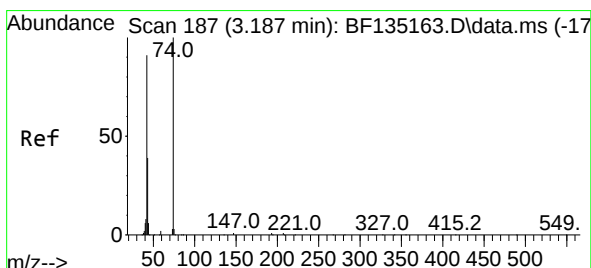
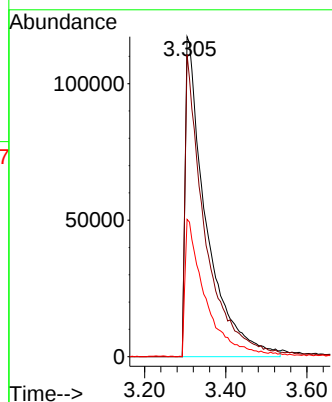
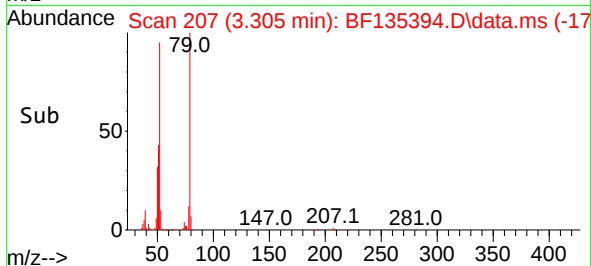


Tgt Ion: 79 Resp: 417312
Ion Ratio Lower Upper
79 100
52 94.4 74.1 111.1
51 42.9 35.8 53.8

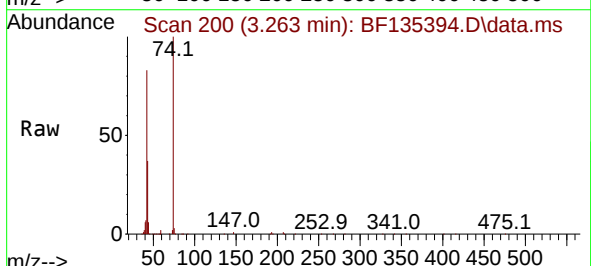
Manual Integrations

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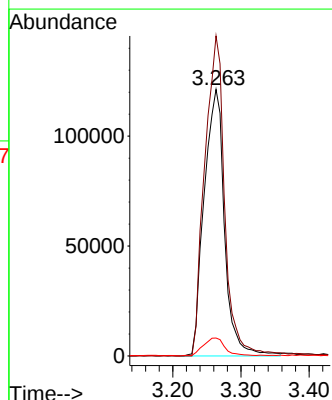
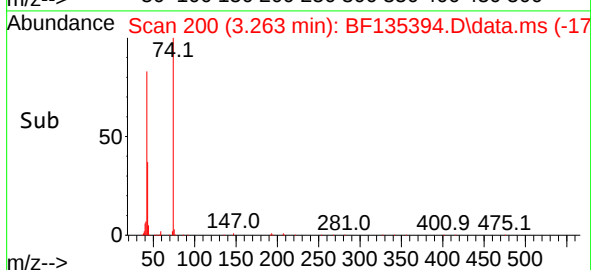
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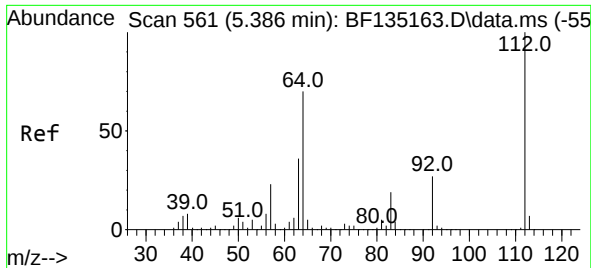


#4
n-Nitrosodimethylamine
Concen: 44.465 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.077 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



Tgt Ion: 42 Resp: 252299
Ion Ratio Lower Upper
42 100
74 120.1 87.7 131.5
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 117.670 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

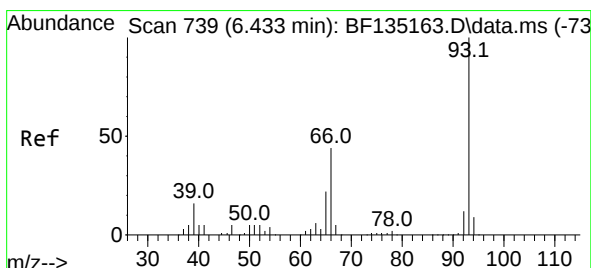
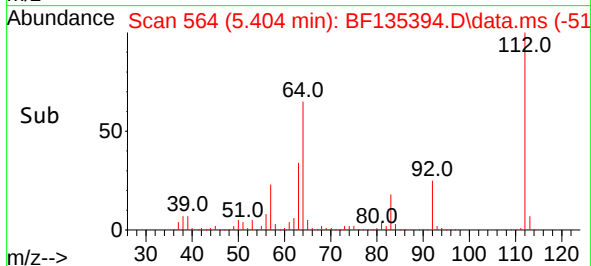
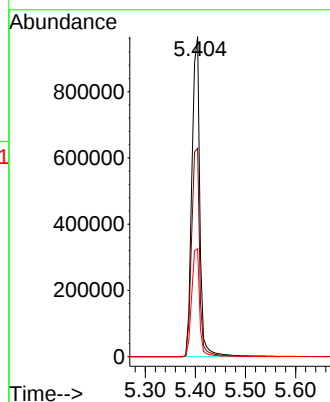
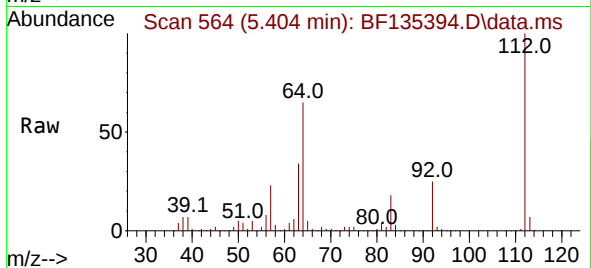
PB155676BS

Tgt Ion:112 Resp: 1066404
Ion Ratio Lower Upper
112 100
64 65.1 55.9 83.9
63 33.7 29.0 43.6

Manual Integrations

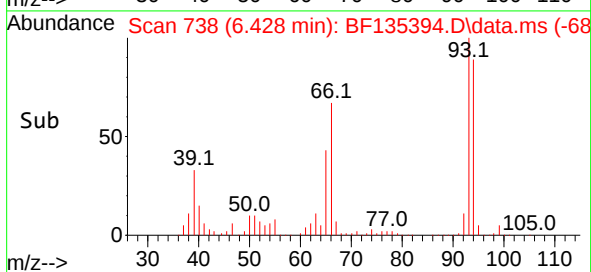
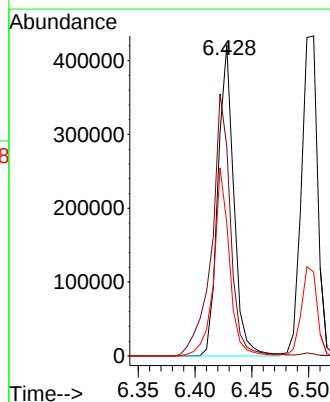
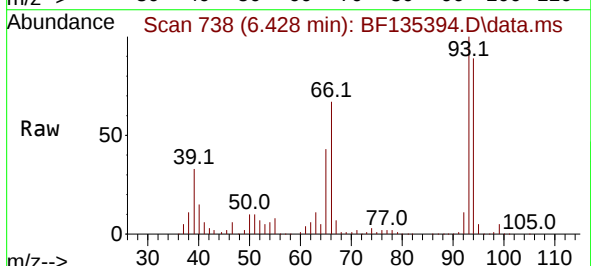
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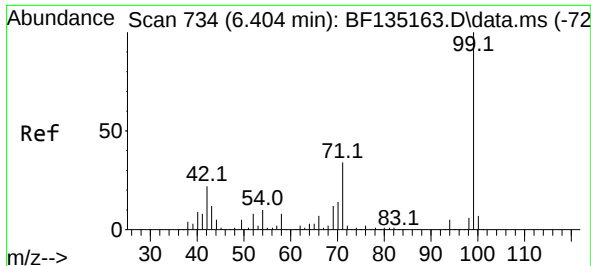
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#6
Aniline
Concen: 27.252 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

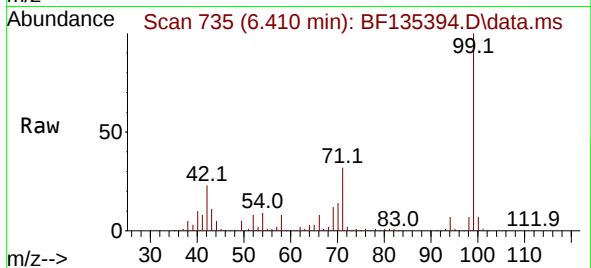
Tgt Ion: 93 Resp: 411811
Ion Ratio Lower Upper
93 100
66 67.5 35.4 53.0#
65 42.9 17.8 26.8#





#7
Phenol-d6
Concen: 115.428 ng
RT: 6.410 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

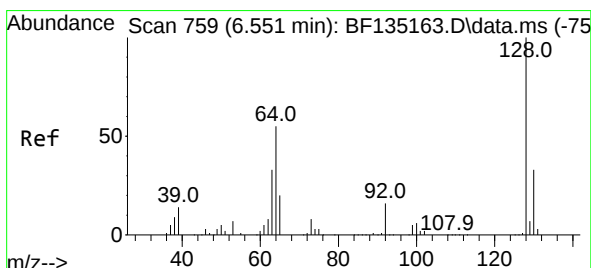
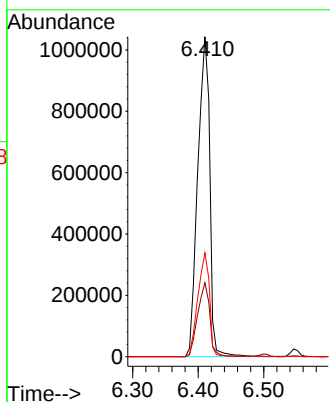
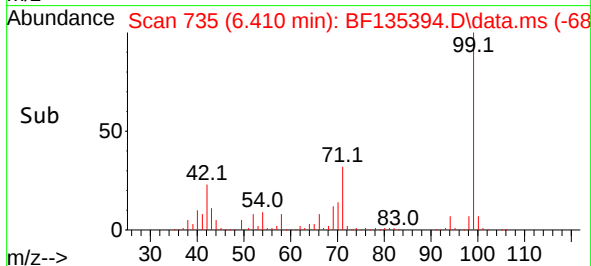
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 133016
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.4 27.0 40.6

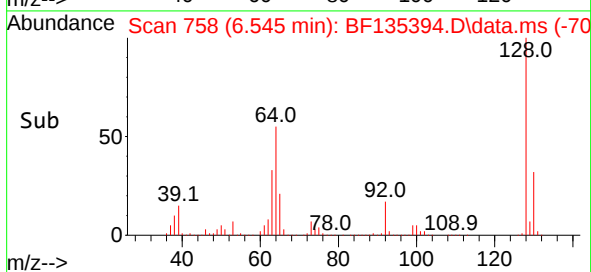
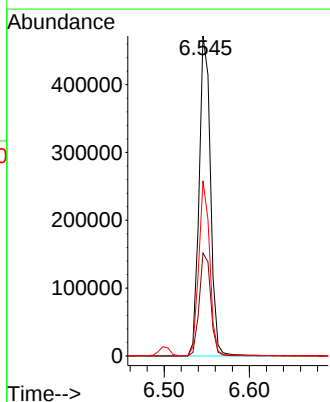
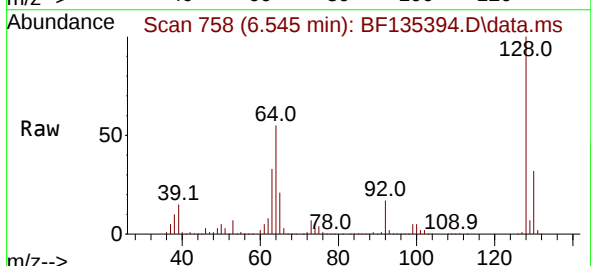
Manual Integrations
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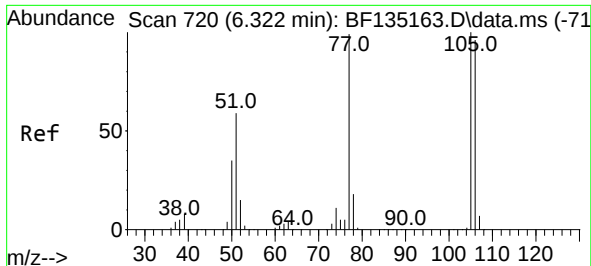
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#8
2-Chlorophenol
Concen: 45.267 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

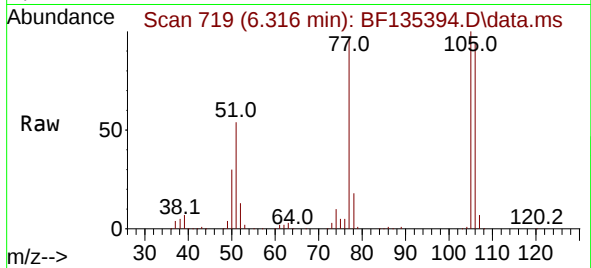
Tgt Ion:128 Resp: 437939
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 54.8 35.9 75.9





#9
Benzaldehyde
Concen: 18.923 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

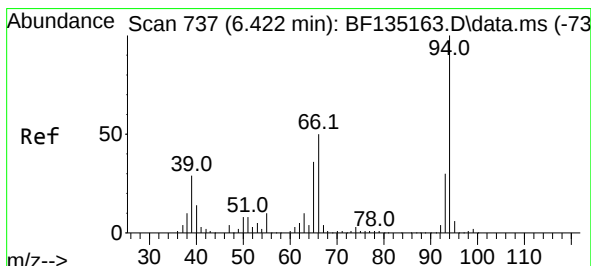
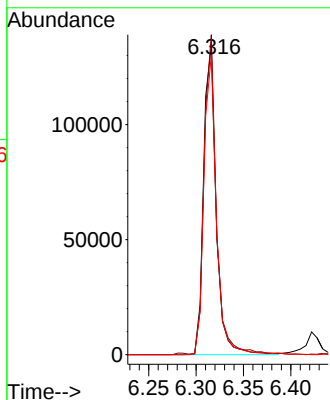
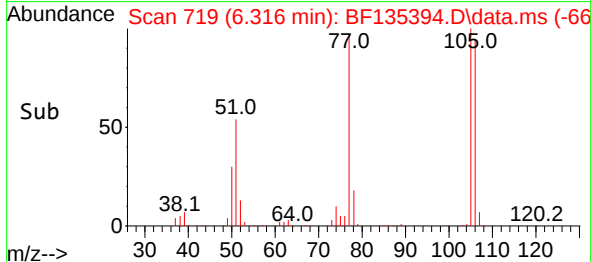
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 124220
Ion Ratio Lower Upper
77 100
105 103.6 81.4 121.4
106 97.0 76.9 116.9

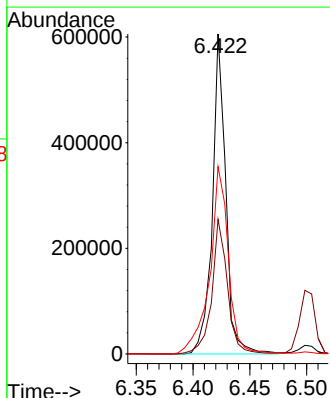
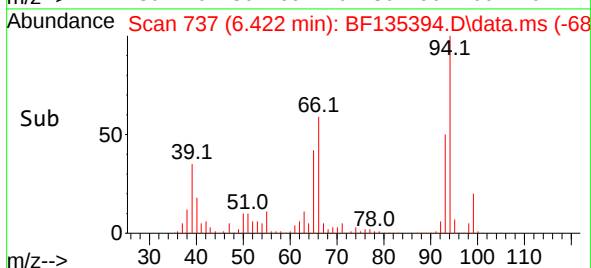
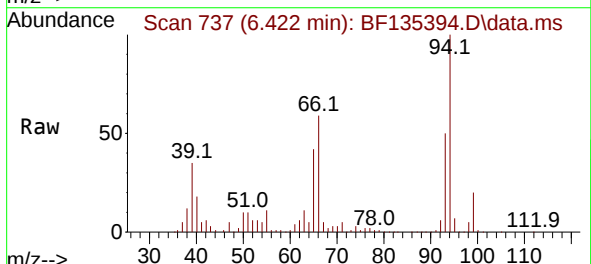
Manual Integrations
APPROVED

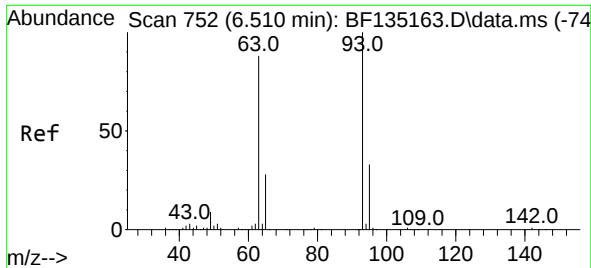
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#10
Phenol
Concen: 39.285 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion: 94 Resp: 496413
Ion Ratio Lower Upper
94 100
65 42.1 15.9 55.9
66 58.6 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 45.067 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

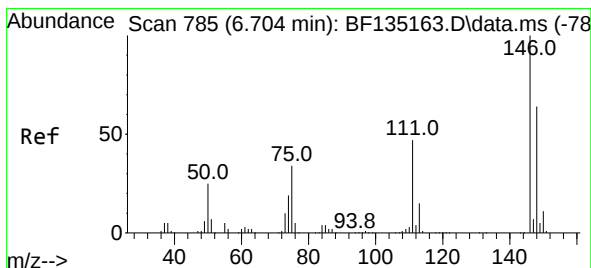
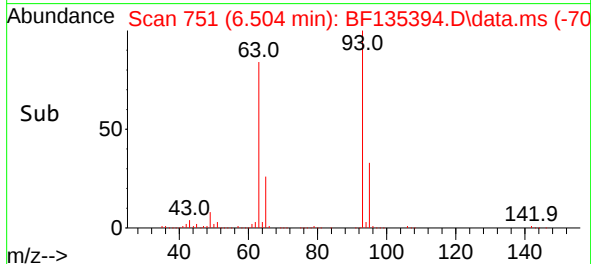
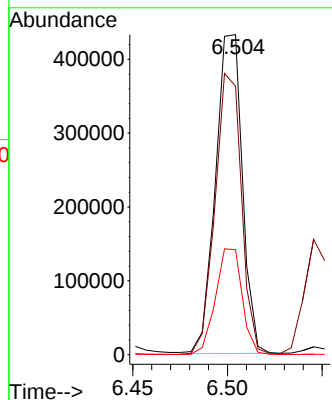
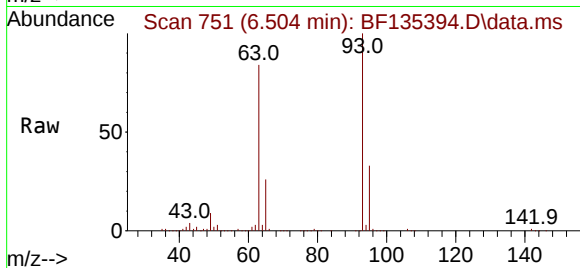
ClientSampleId :

PB155676BS

Tgt Ion: 93 Resp: 42717
Ion Ratio Lower Upper
93 100
63 83.9 67.3 107.3
95 32.8 12.7 52.7

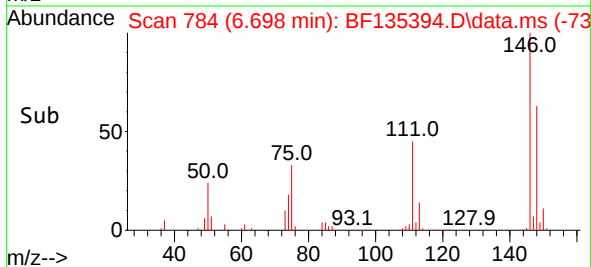
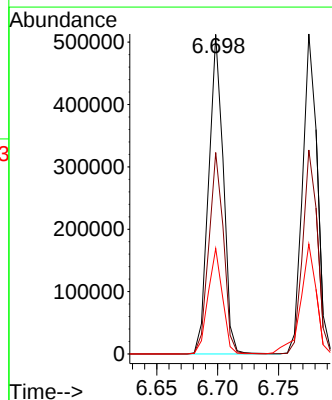
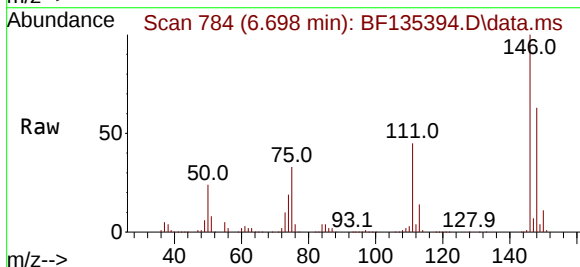
Manual Integrations
APPROVED

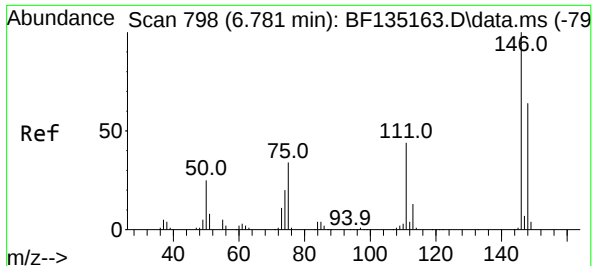
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#12
1,3-Dichlorobenzene
Concen: 43.374 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:146 Resp: 426452
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 33.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 43.386 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.006 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

Tgt Ion:146 Resp: 433994

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

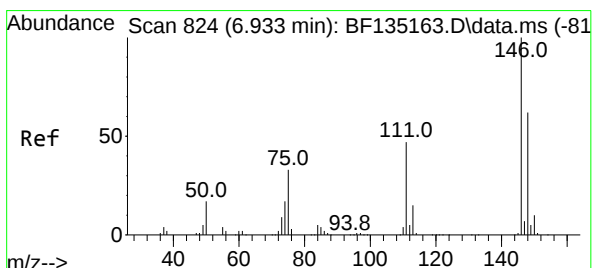
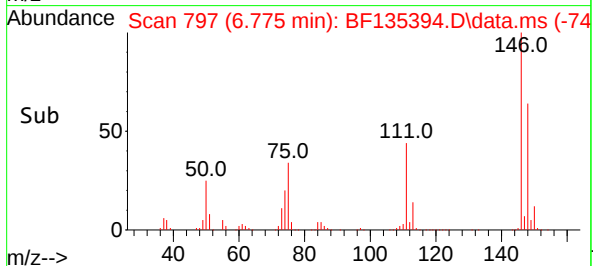
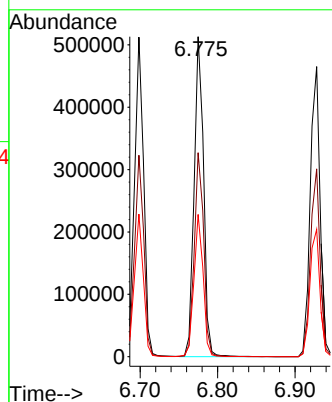
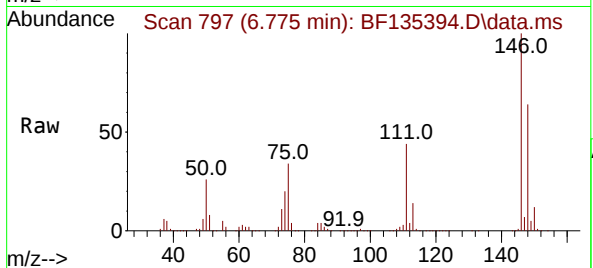
111 44.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#14

1,2-Dichlorobenzene

Concen: 44.367 ng

RT: 6.928 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

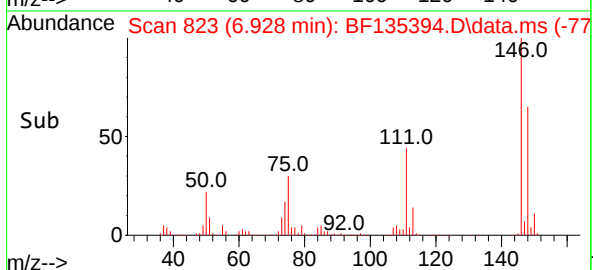
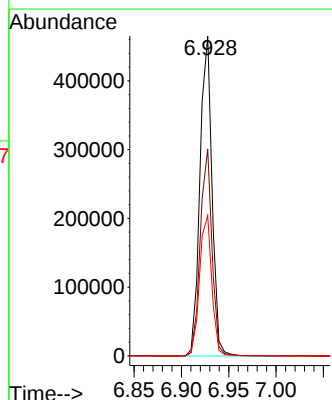
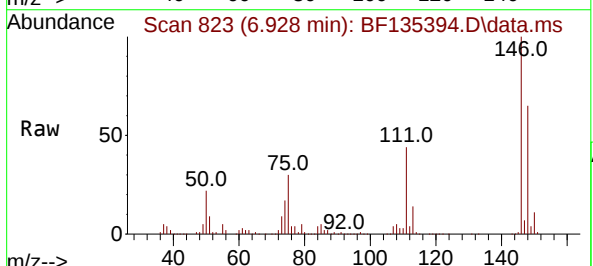
Tgt Ion:146 Resp: 412152

Ion Ratio Lower Upper

146 100

148 64.7 49.7 74.5

111 43.9 37.4 56.2





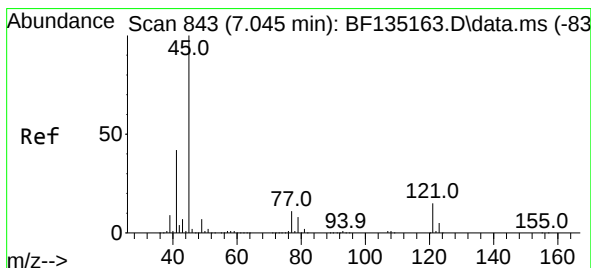
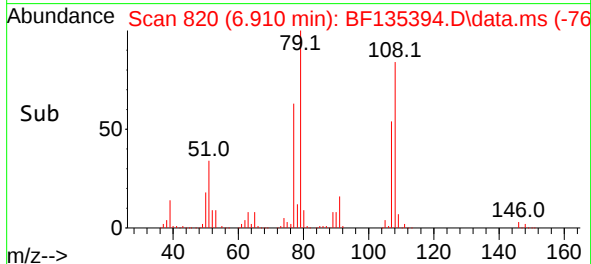
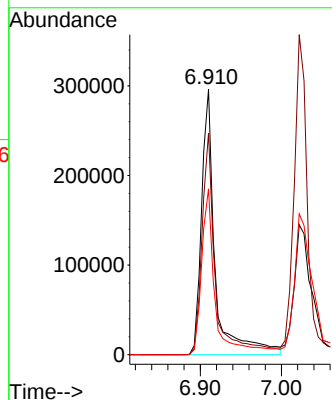
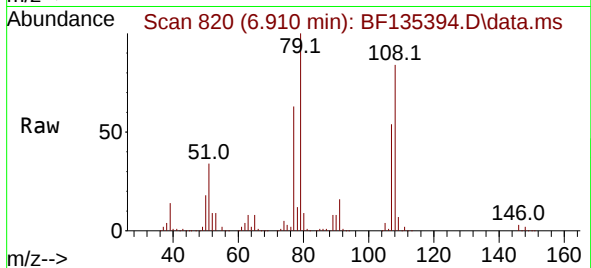
#15
Benzyl Alcohol
Concen: 42.093 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB155676BS

Tgt Ion: 79 Resp: 34808
Ion Ratio Lower Upper
79 100
108 83.5 61.2 91.8
77 62.5 50.5 75.7

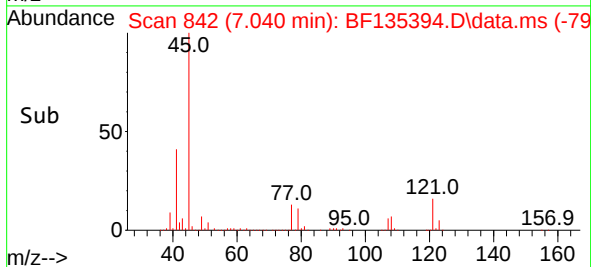
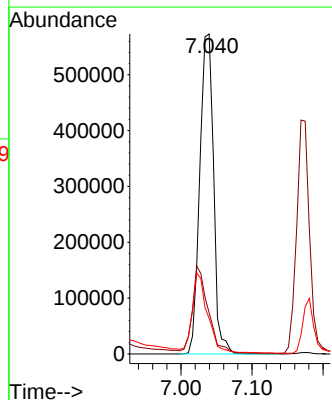
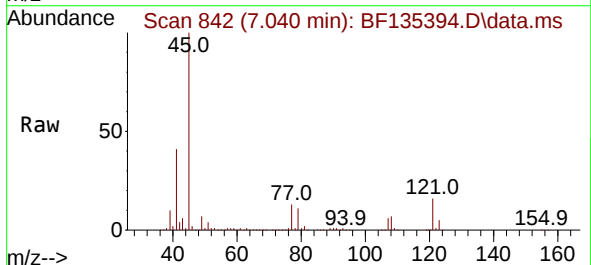
Manual Integrations
APPROVED

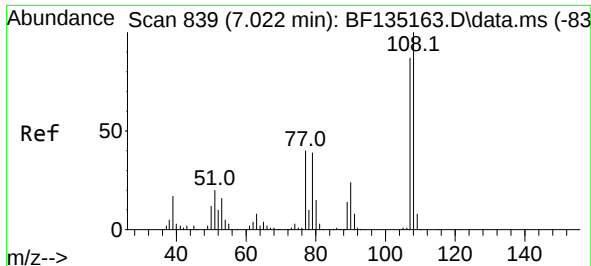
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.413 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

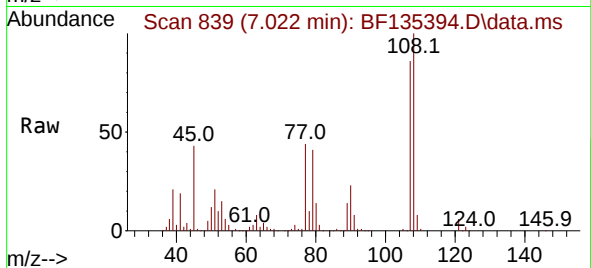
Tgt Ion: 45 Resp: 775622
Ion Ratio Lower Upper
45 100
77 12.9 0.0 30.6
79 11.1 0.0 28.3





#17
2-Methylphenol
Concen: 41.419 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

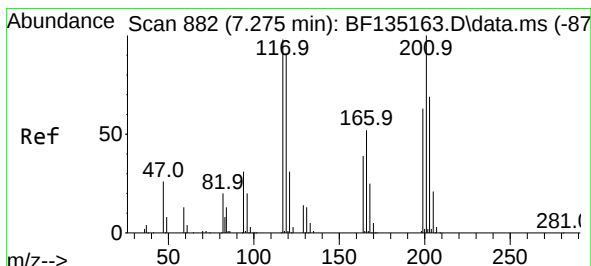
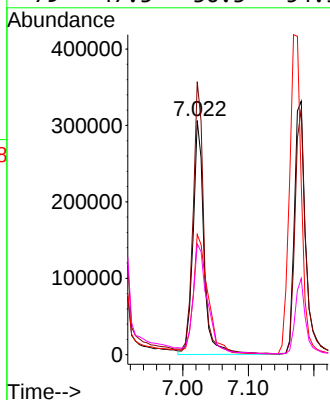
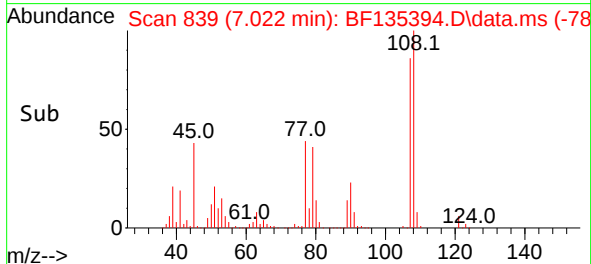
Instrument :
BNA_F
ClientSampleId :
PB155676BS



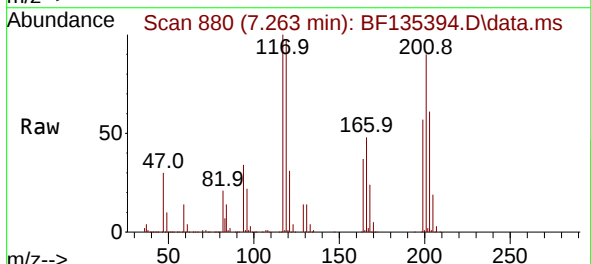
Tgt Ion:107 Resp: 35360
Ion Ratio Lower Upper
107 100
108 116.6 92.0 138.0
77 51.3 36.7 55.1
79 47.3 36.3 54.5

Manual Integrations
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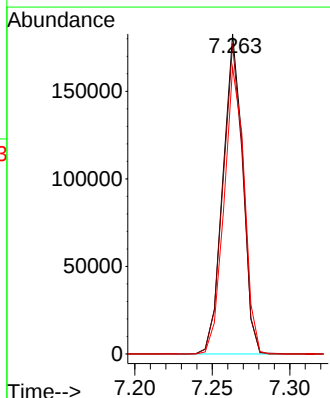
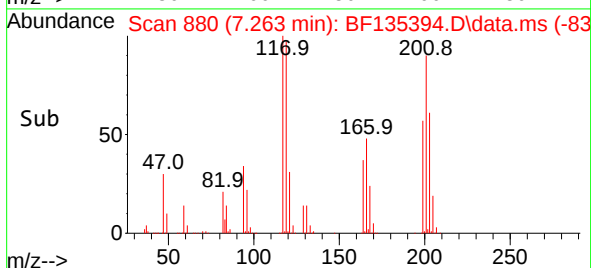
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#18
Hexachloroethane
Concen: 44.012 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



Tgt Ion:117 Resp: 162672
Ion Ratio Lower Upper
117 100
119 97.0 74.7 112.1
201 89.6 81.8 122.8





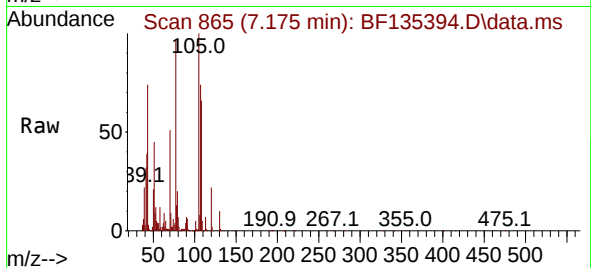
#19
n-Nitroso-di-n-propylamine
Concen: 38.018 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

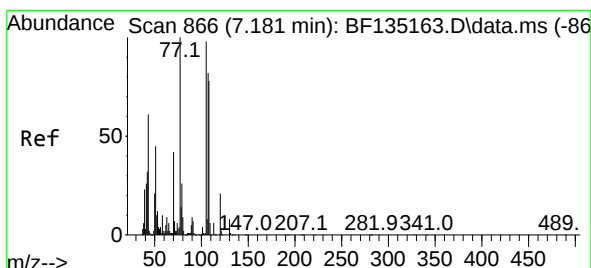
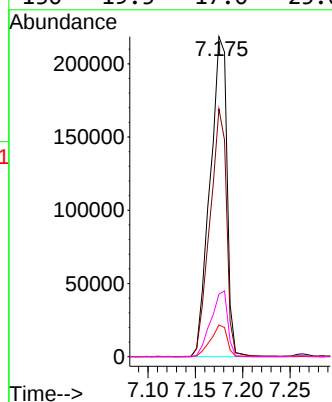
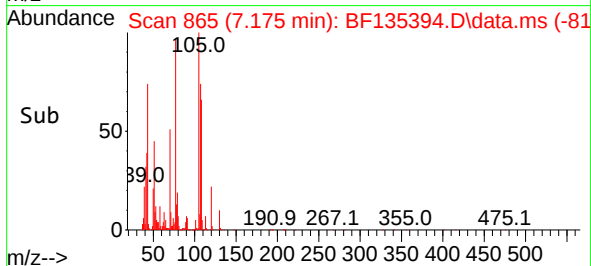


Tgt Ion: 70 Resp: 271360
Ion Ratio Lower Upper
70 100
42 77.5 55.4 83.0
101 9.9 7.7 11.5
130 19.5 17.0 25.6

Manual Integrations

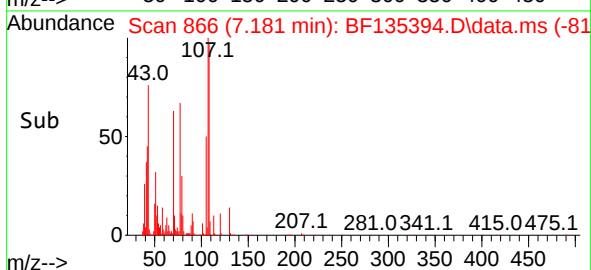
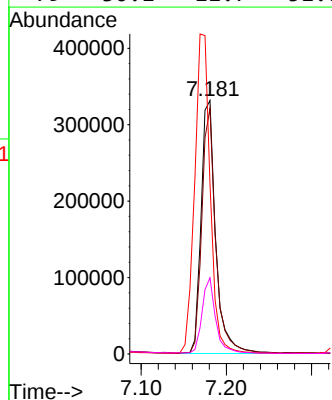
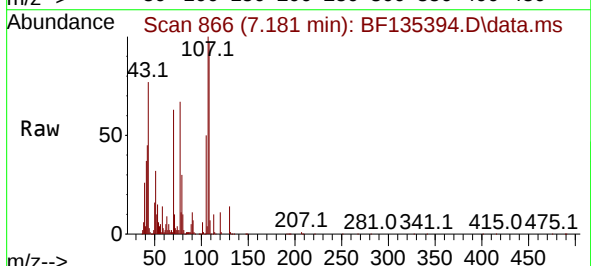
APPROVED

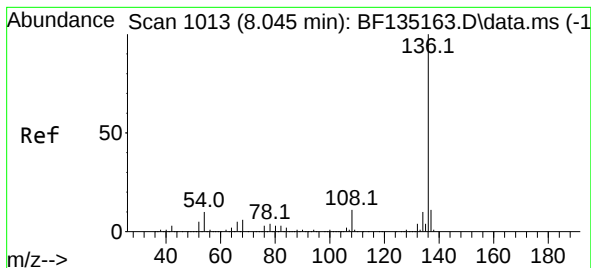
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#20
3+4-Methylphenols
Concen: 38.373 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:107 Resp: 393929
Ion Ratio Lower Upper
107 100
108 96.9 74.7 114.7
77 67.5 102.0 142.0#
79 30.1 11.7 51.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF135394.D

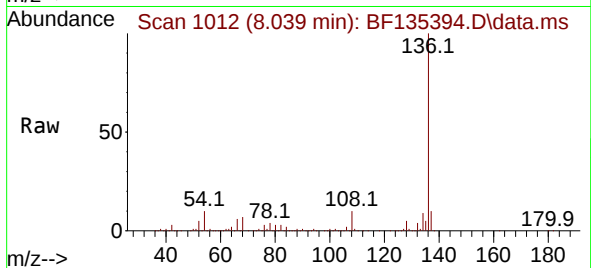
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS



Tgt Ion:136 Resp: 563150

Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 10.0 7.7 11.5

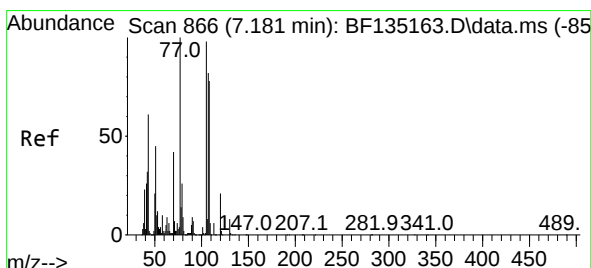
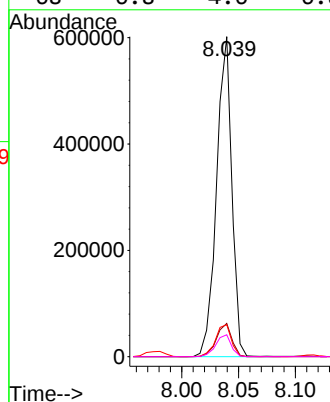
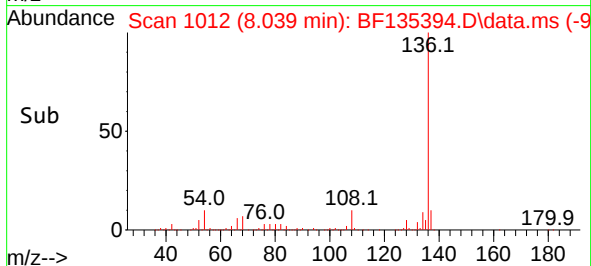
68 6.8 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#22

Acetophenone

Concen: 41.952 ng

RT: 7.169 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Tgt Ion:105 Resp: 540132

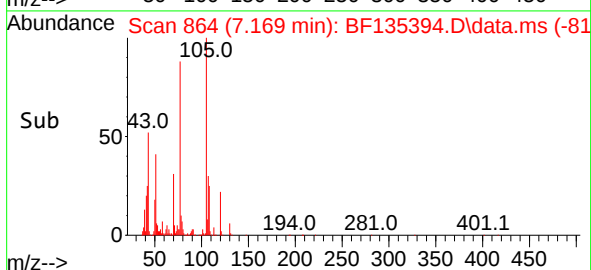
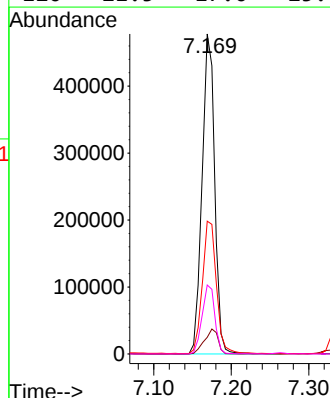
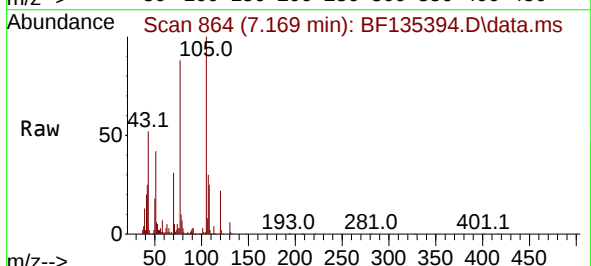
Ion Ratio Lower Upper

105 100

71 5.2 5.8 8.6#

51 41.5 37.0 55.4

120 21.5 17.0 25.6





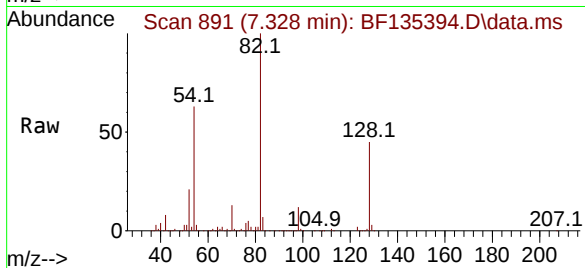
#23
Nitrobenzene-d5
Concen: 82.633 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

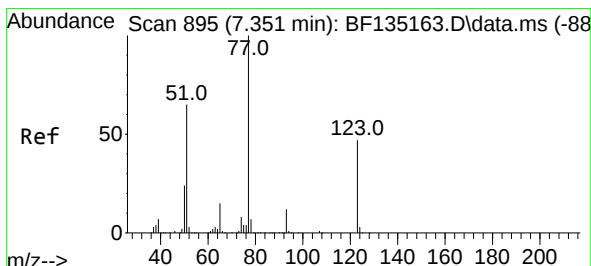
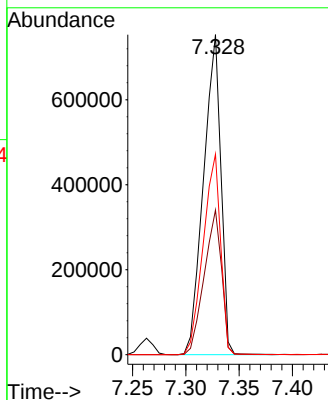
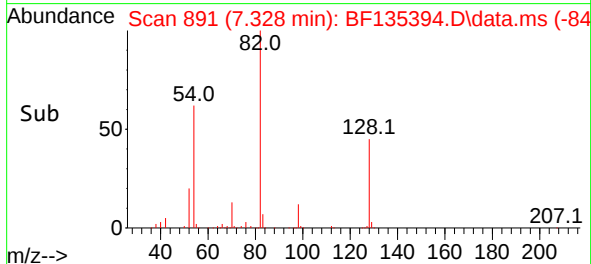
PB155676BS



Tgt Ion: 82 Resp: 85653
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.6
54 62.7 50.6 76.0

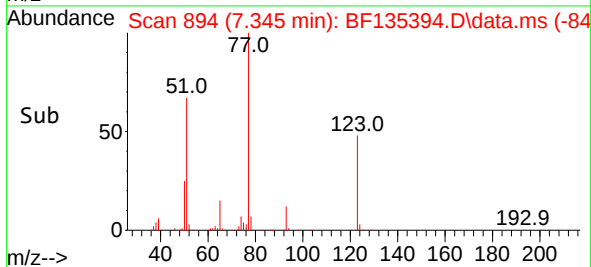
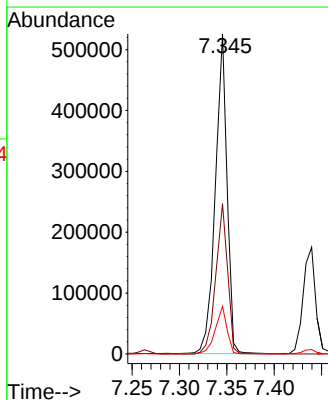
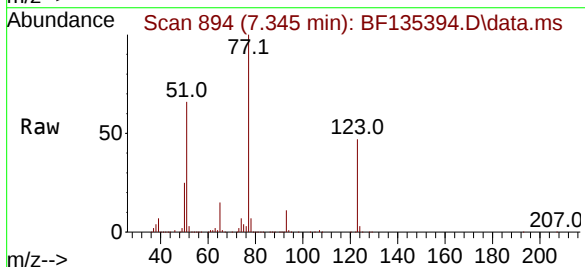
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#24
Nitrobenzene
Concen: 43.936 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion: 77 Resp: 450135
Ion Ratio Lower Upper
77 100
123 46.9 37.6 56.4
65 14.9 12.2 18.4





#25
Isophorone
Concen: 43.133 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

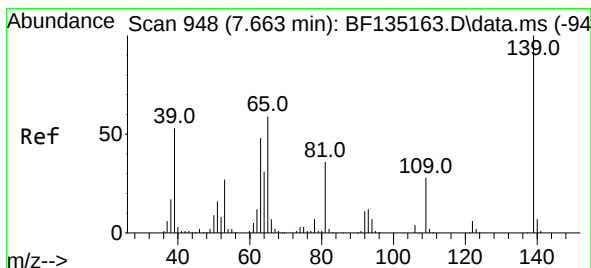
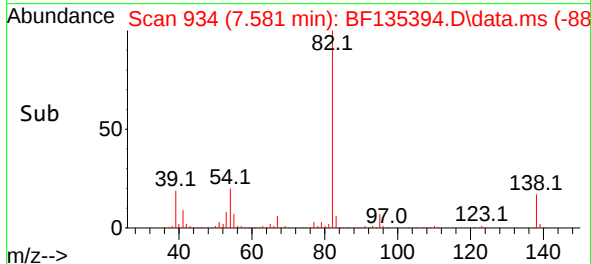
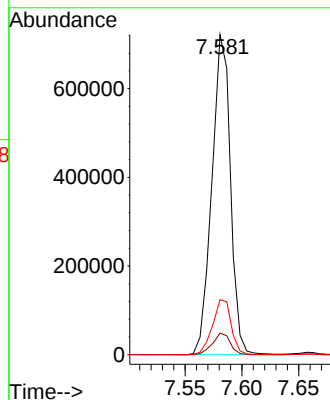
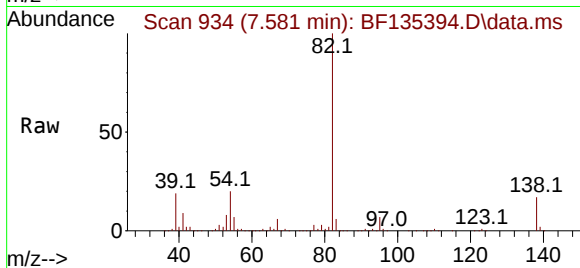
ClientSampleId :

PB155676BS

Tgt Ion: 82 Resp: 820989
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 17.2 14.5 21.7

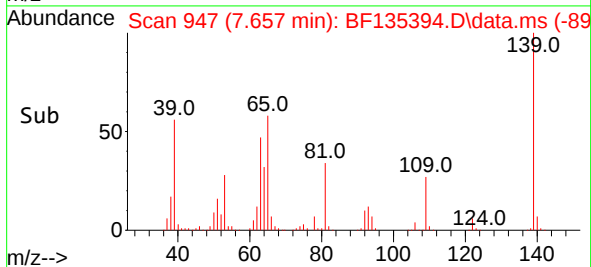
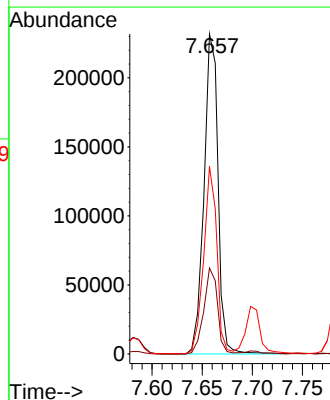
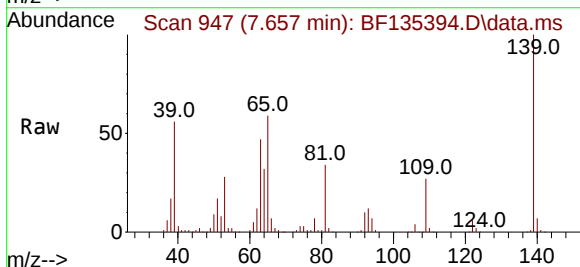
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#26
2-Nitrophenol
Concen: 46.159 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:139 Resp: 226970
Ion Ratio Lower Upper
139 100
109 26.9 22.6 33.8
65 58.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 40.153 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135394.D

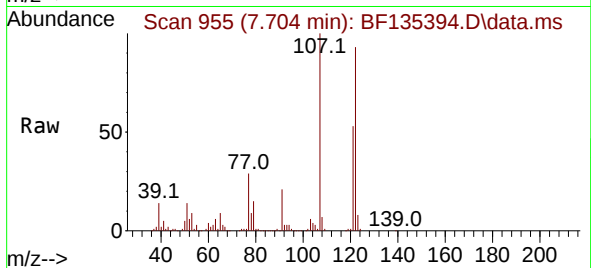
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS



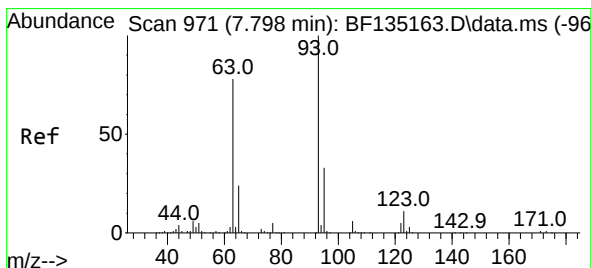
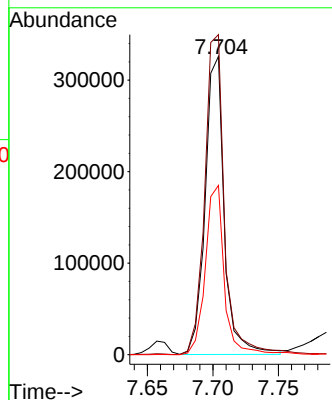
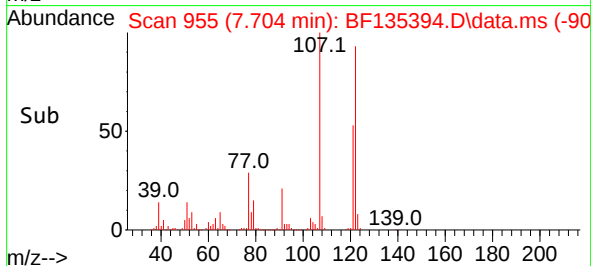
Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.3	90.2	135.4
121	56.8	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.636 ng

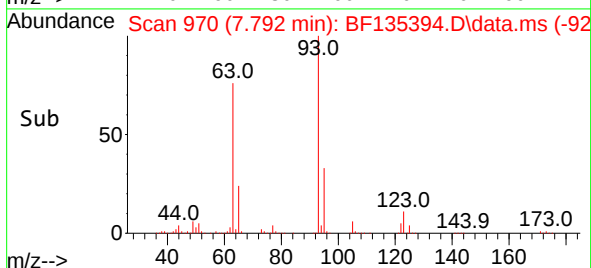
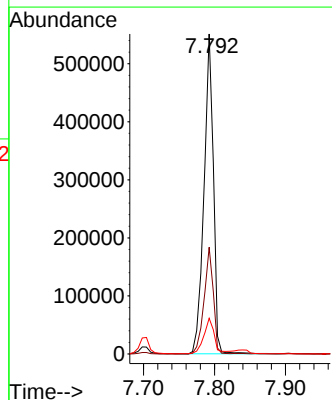
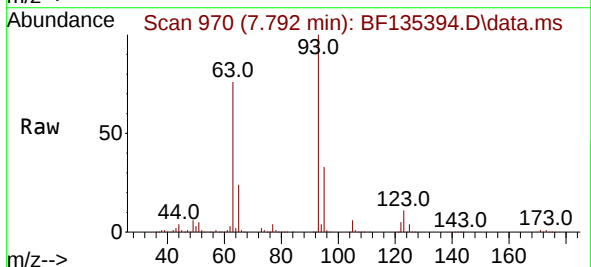
RT: 7.792 min Scan# 970

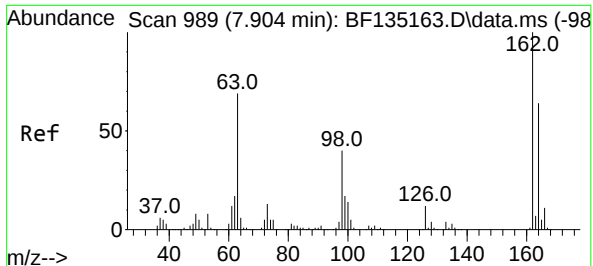
Delta R.T. -0.006 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.2
123	11.2	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 44.141 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

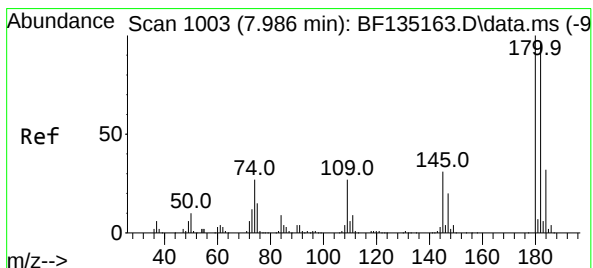
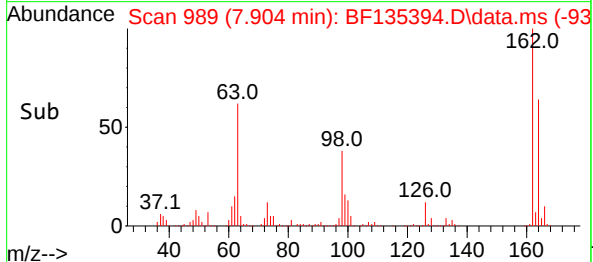
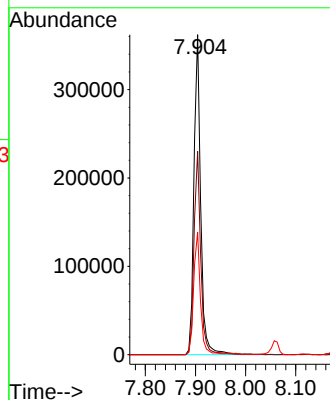
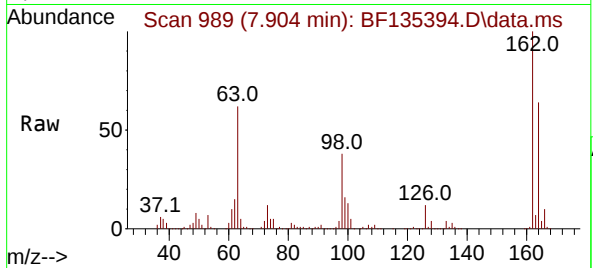
PB155676BS

Tgt Ion:162 Resp: 338062
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.1 84.1
 98 38.3 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.908 ng

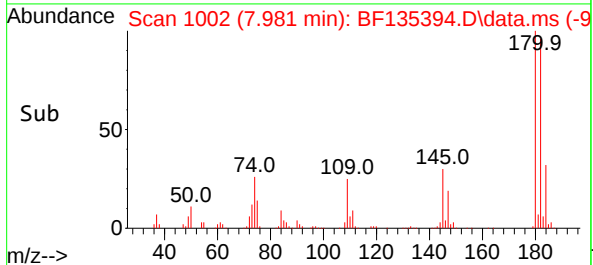
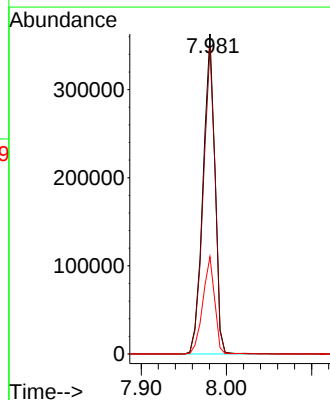
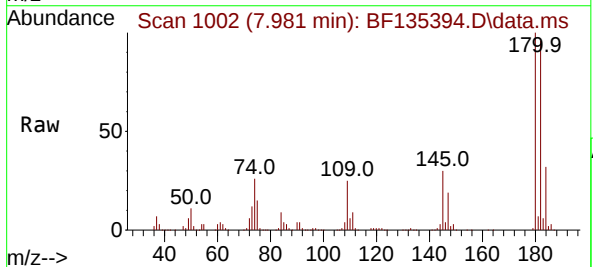
RT: 7.981 min Scan# 1002

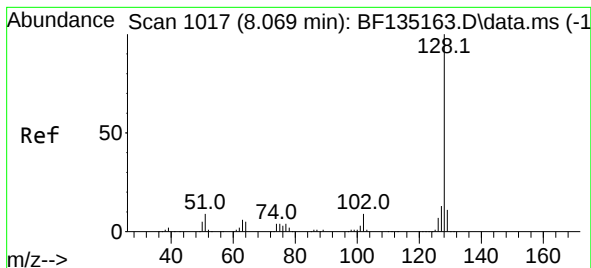
Delta R.T. -0.006 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Tgt Ion:180 Resp: 351480
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.9 115.3
 145 30.4 24.5 36.7





#31

Naphthalene

Concen: 42.988 ng

RT: 8.063 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

Tgt Ion:128 Resp: 117622

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

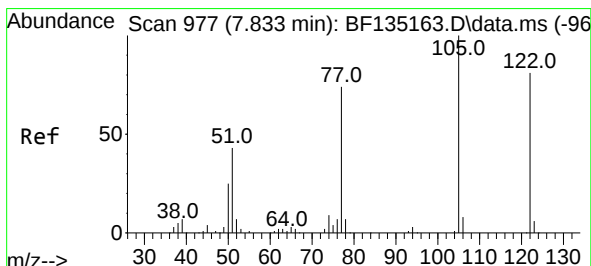
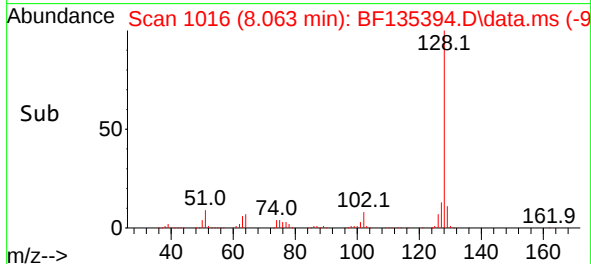
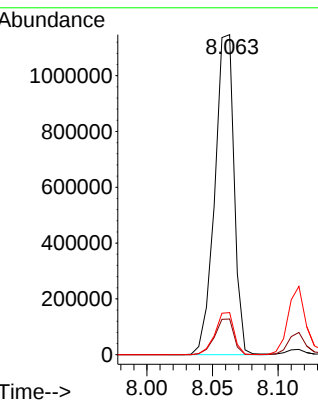
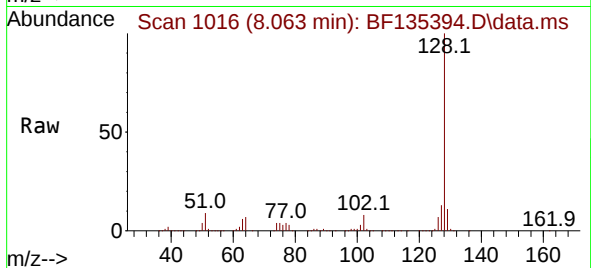
127 13.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#32

Benzoic acid

Concen: 41.362 ng

RT: 7.845 min Scan# 979

Delta R.T. 0.012 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

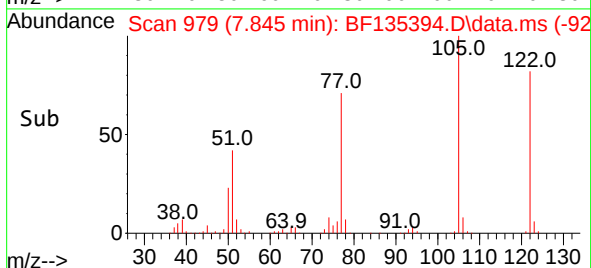
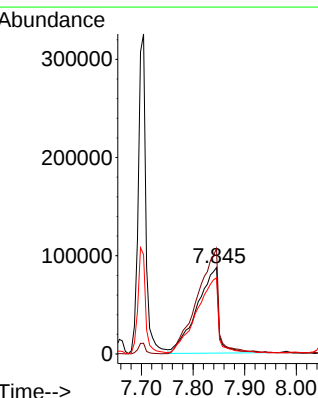
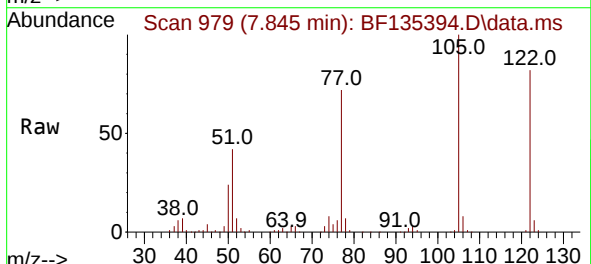
Tgt Ion:122 Resp: 257425

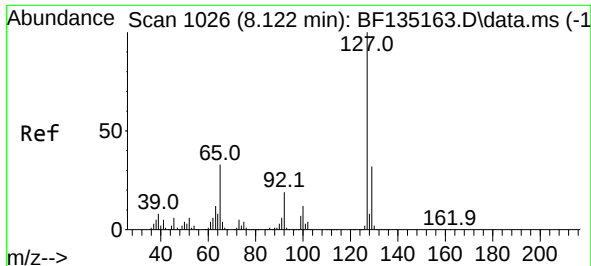
Ion Ratio Lower Upper

122 100

105 122.2 99.9 139.9

77 88.2 70.0 110.0





#33
4-Chloroaniline
Concen: 20.976 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

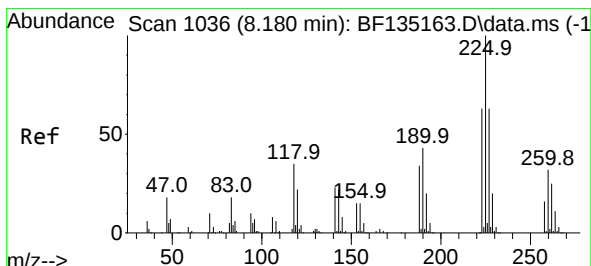
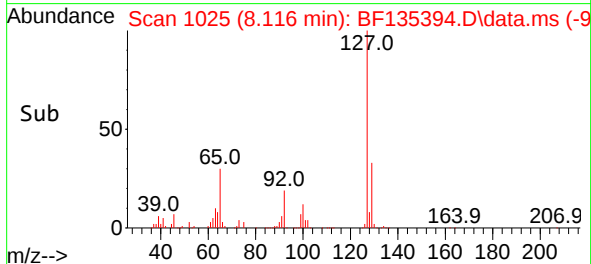
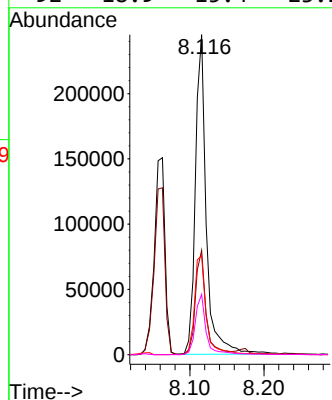
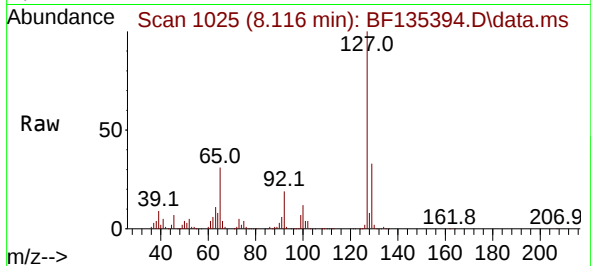
ClientSampleId :

PB155676BS

Tgt Ion:127 Resp: 25180
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 30.9 26.6 39.8
92 18.9 15.4 23.2

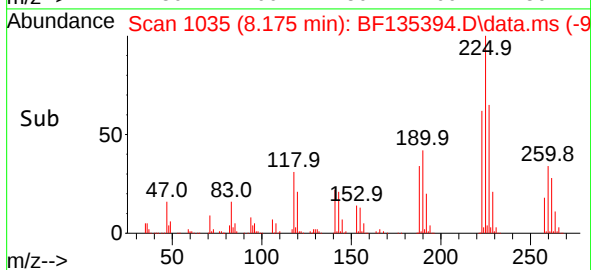
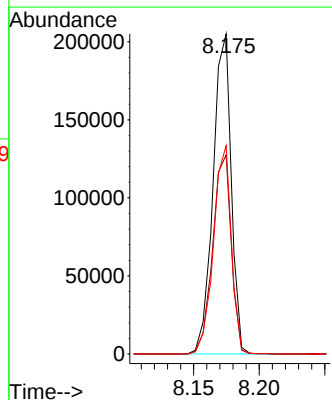
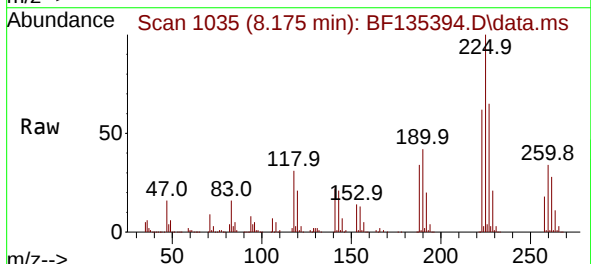
Manual Integrations
APPROVED

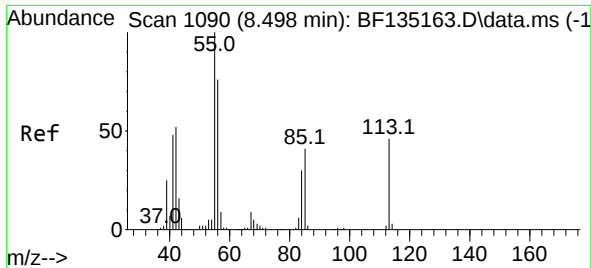
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#34
Hexachlorobutadiene
Concen: 40.843 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

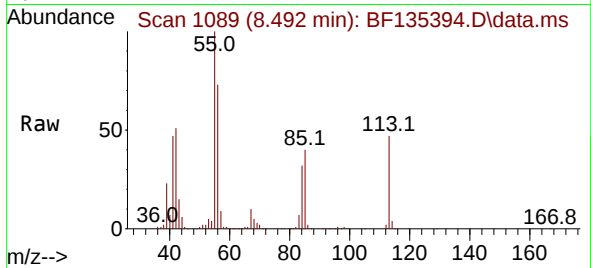
Tgt Ion:225 Resp: 197141
Ion Ratio Lower Upper
225 100
223 62.2 50.6 75.8
227 65.1 50.8 76.2





#35
 Caprolactam
 Concen: 45.544 ng m
 RT: 8.492 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF135394.D
 Acq: 22 Sep 2023 11:31

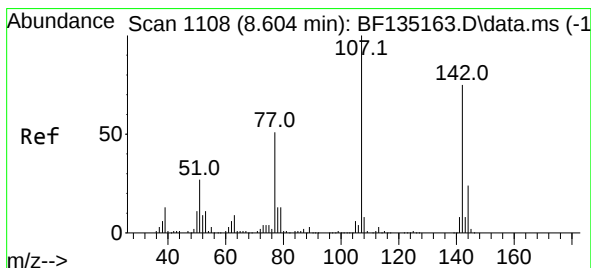
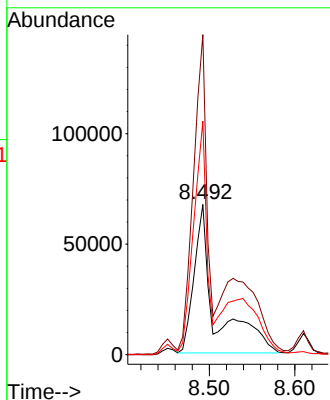
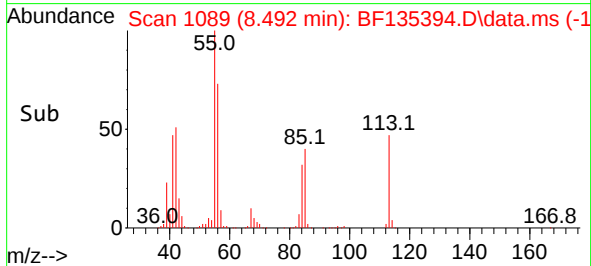
Instrument :
 BNA_F
 ClientSampleId :
 PB155676BS



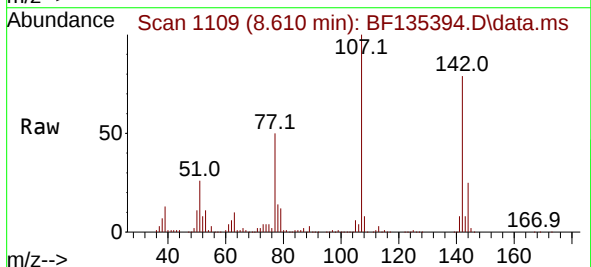
Tgt Ion:113 Resp: 117065
 Ion Ratio Lower Upper
 113 100
 55 213.0 199.3 239.3
 56 155.4 146.3 186.3

Manual Integrations
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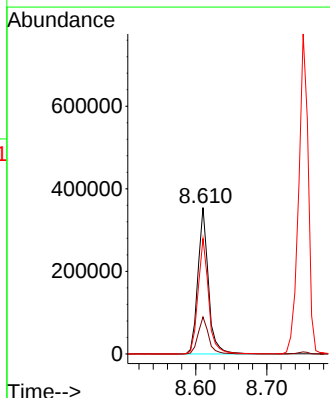
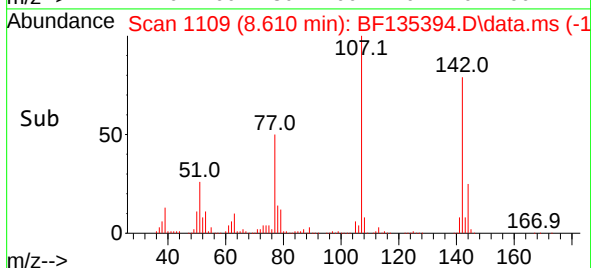
Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

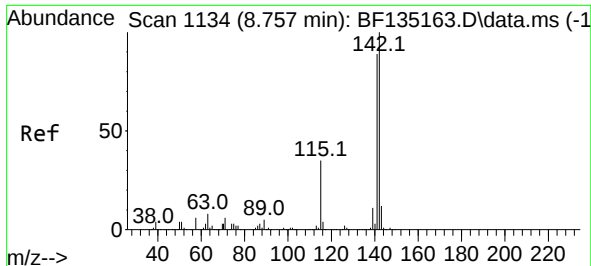


#36
 4-Chloro-3-methylphenol
 Concen: 42.999 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135394.D
 Acq: 22 Sep 2023 11:31



Tgt Ion:107 Resp: 366005
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.0 28.4
 142 78.8 60.2 90.2





#37

2-Methylnaphthalene

Concen: 39.475 ng

RT: 8.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

Tgt Ion:142 Resp: 726036

Ion Ratio Lower Upper

142 100

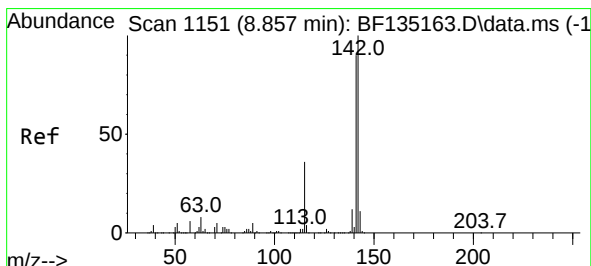
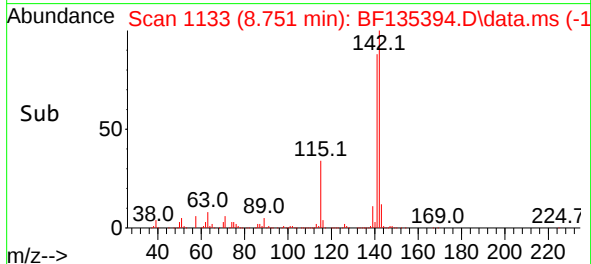
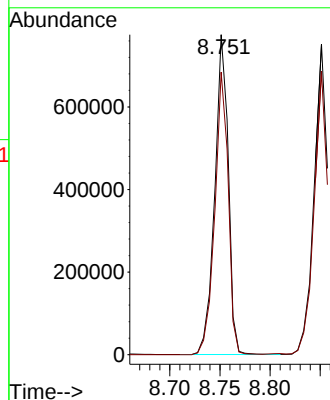
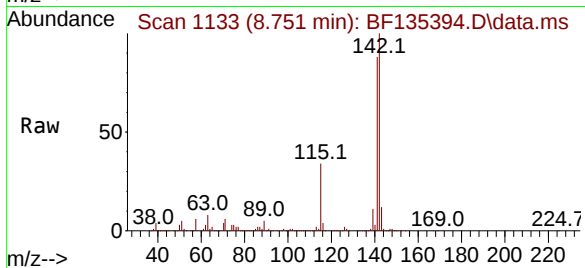
141 88.3 71.0 106.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#38

1-Methylnaphthalene

Concen: 40.292 ng

RT: 8.851 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF135394.D

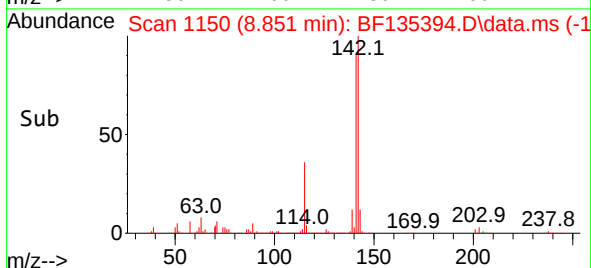
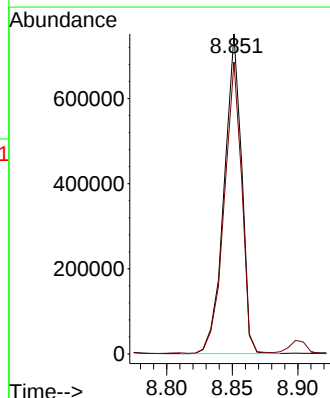
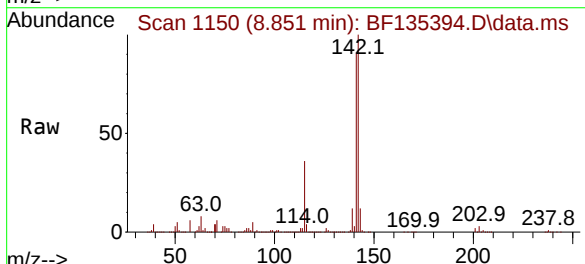
Acq: 22 Sep 2023 11:31

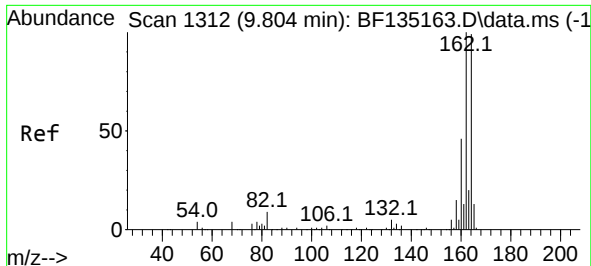
Tgt Ion:142 Resp: 693816

Ion Ratio Lower Upper

142 100

141 91.2 72.4 108.6





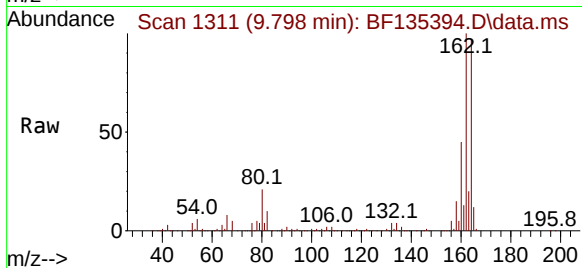
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

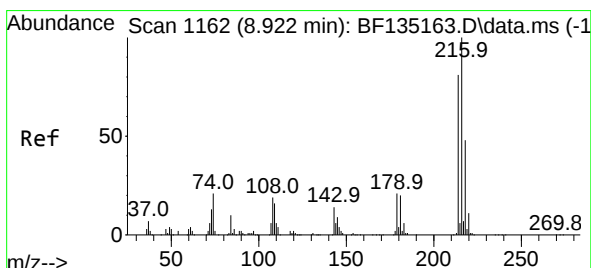
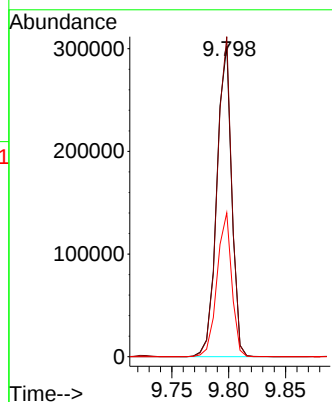
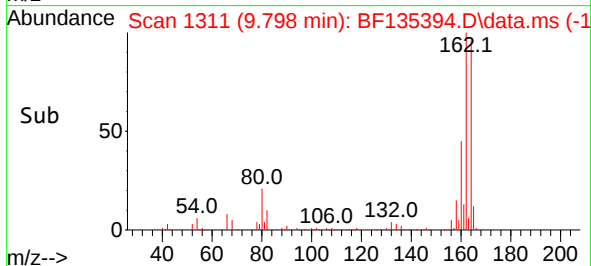
PB155676BS



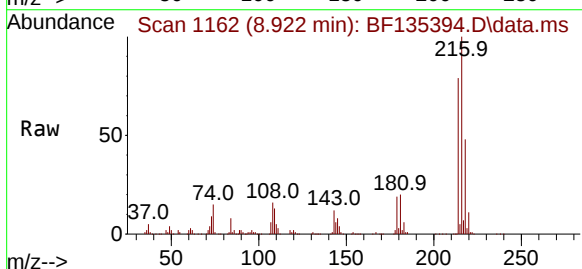
Tgt Ion:164 Resp: 27626
Ion Ratio Lower Upper
164 100
162 103.0 81.0 121.4
160 46.3 37.0 55.4

Manual Integrations
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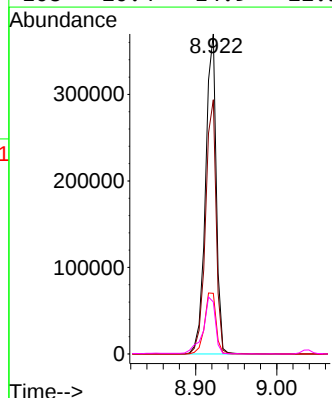
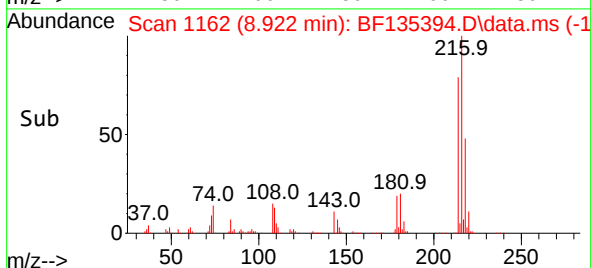
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.242 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



Tgt Ion:216 Resp: 338093
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 20.3 16.7 25.1
108 20.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 64.020 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

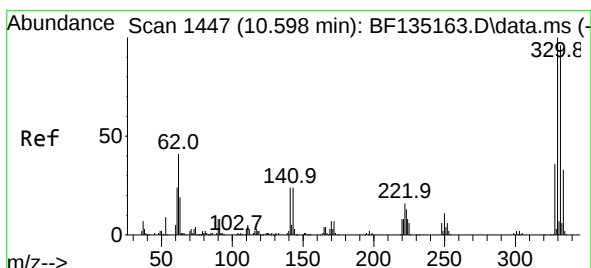
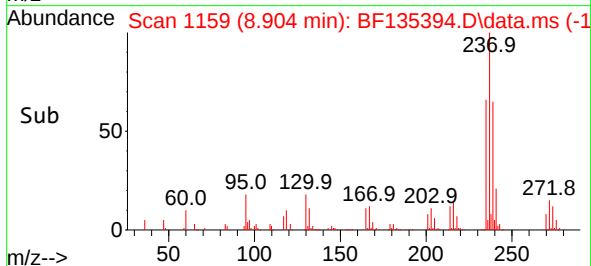
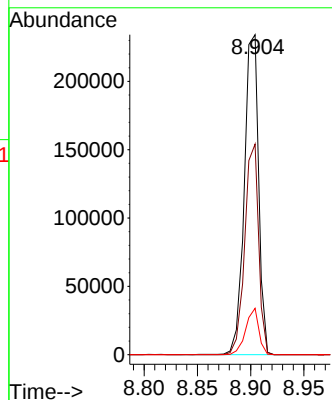
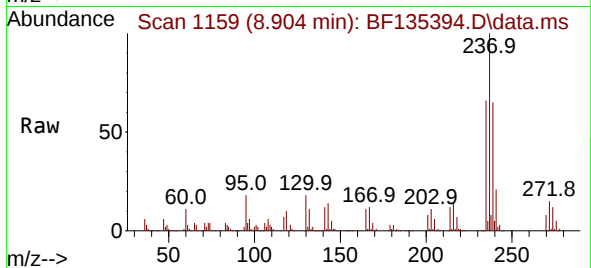
PB155676BS

Tgt Ion:237 Resp: 220045
Ion Ratio Lower Upper
237 100
235 65.8 41.8 81.8
272 14.5 0.0 33.6

Manual Integrations

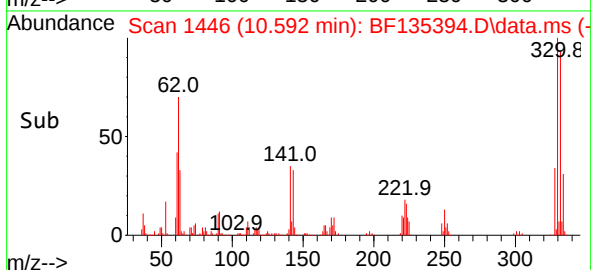
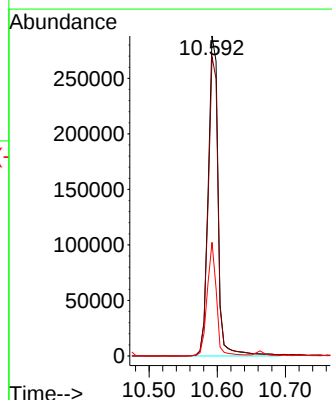
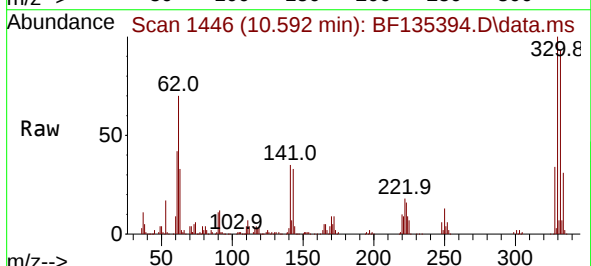
APPROVED

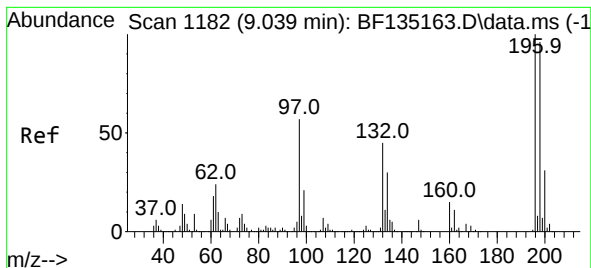
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#42
2,4,6-Tribromophenol
Concen: 106.776 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:330 Resp: 293143
Ion Ratio Lower Upper
330 100
332 94.5 77.3 115.9
141 33.0 25.8 38.8





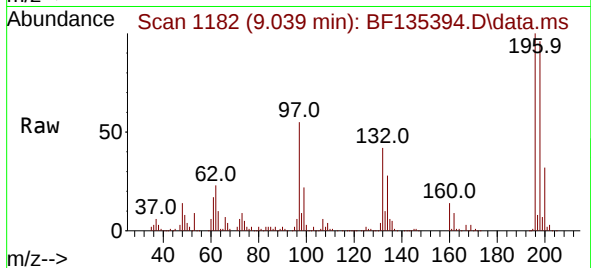
#43
2,4,6-Trichlorophenol
Concen: 42.910 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

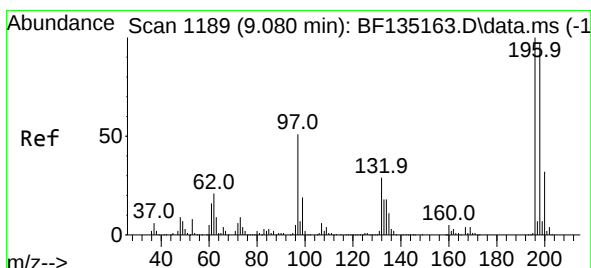
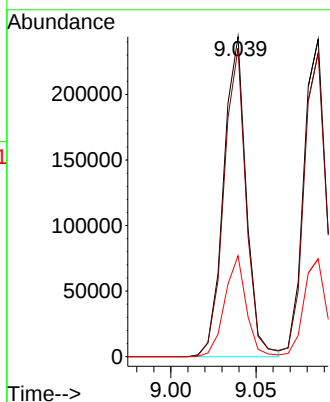
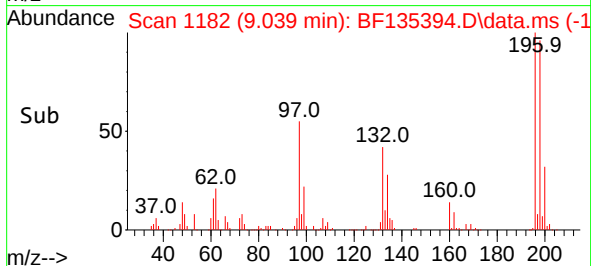


Tgt Ion:196 Resp: 224862
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
200 31.6 24.5 36.7

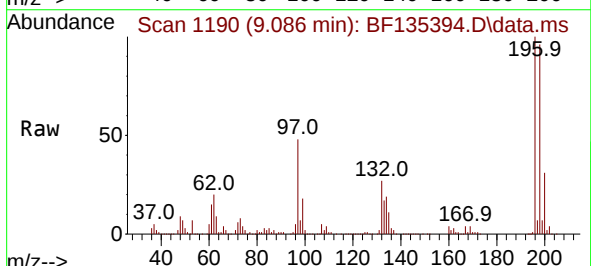
Manual Integrations

APPROVED

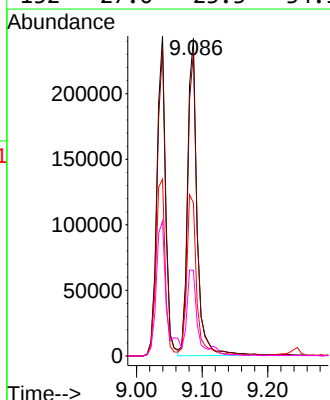
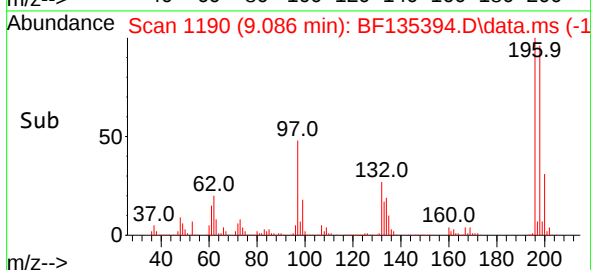
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

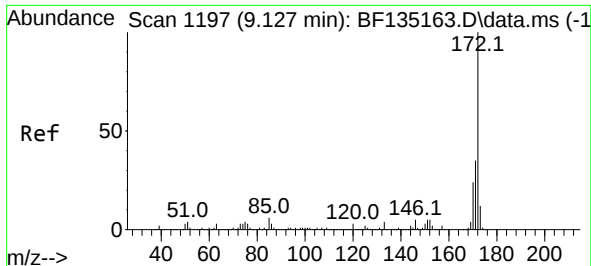


#44
2,4,5-Trichlorophenol
Concen: 40.140 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



Tgt Ion:196 Resp: 242239
Ion Ratio Lower Upper
196 100
198 95.7 77.5 116.3
97 48.2 40.5 60.7
132 27.0 23.3 34.9





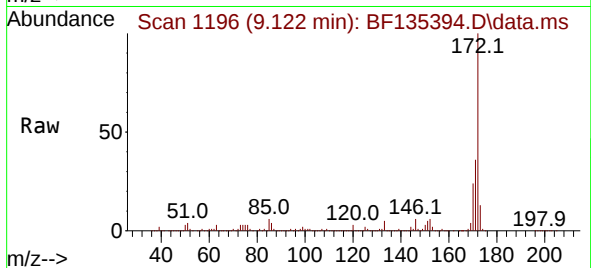
#45
2-Fluorobiphenyl
Concen: 74.575 ng
RT: 9.122 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

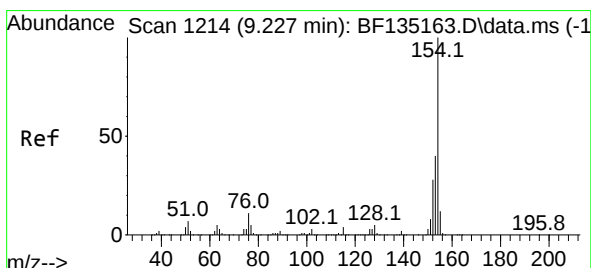
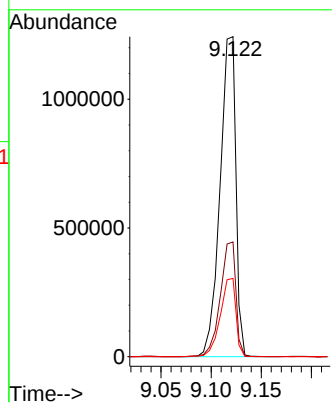
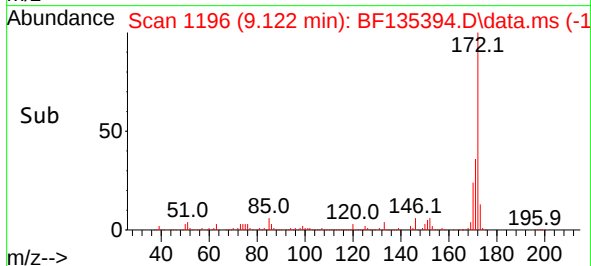


Tgt Ion:172 Resp: 136556
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.5 19.0 28.4

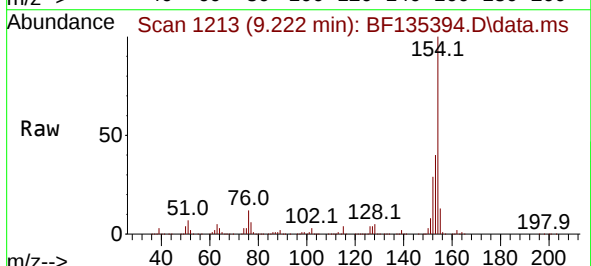
Manual Integrations

APPROVED

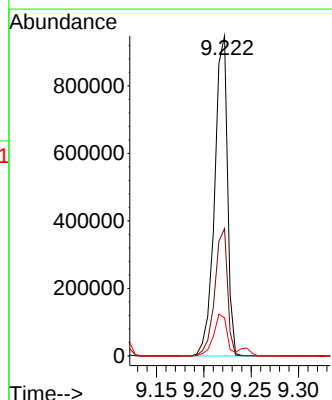
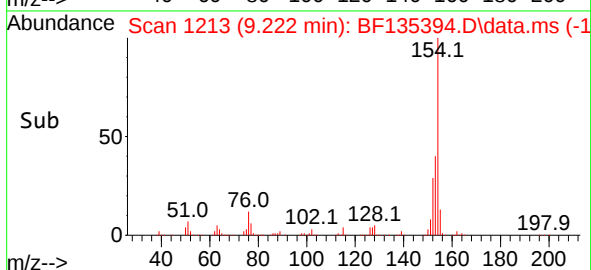
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

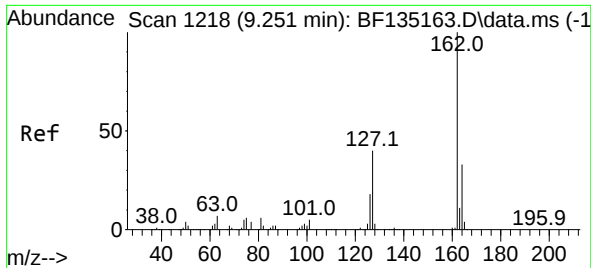


#46
1,1'-Biphenyl
Concen: 42.126 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



Tgt Ion:154 Resp: 894358
Ion Ratio Lower Upper
154 100
153 39.8 19.6 59.6
76 11.9 0.0 31.0





#47
2-Chloronaphthalene
Concen: 44.283 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

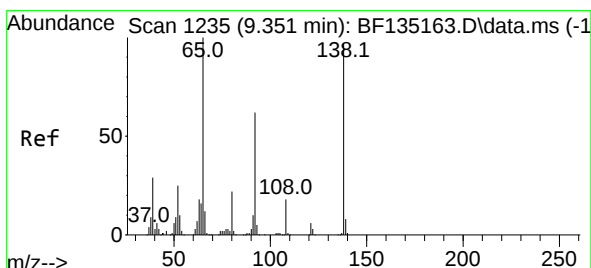
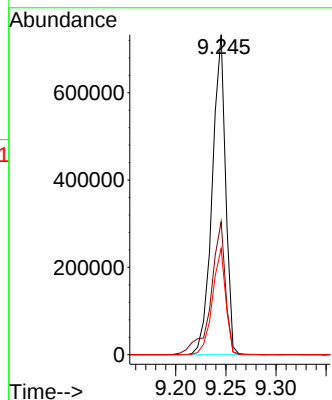
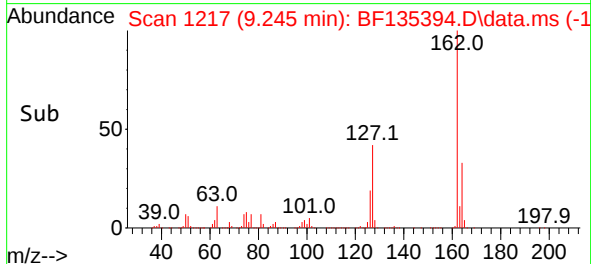
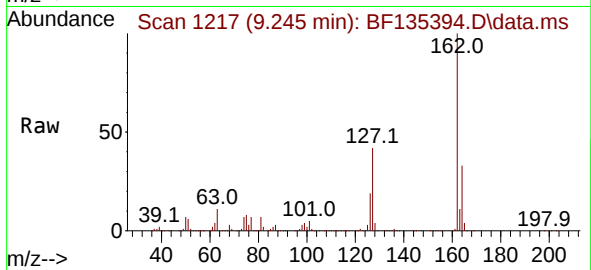
ClientSampleId :

PB155676BS

Tgt Ion:162 Resp: 68213
Ion Ratio Lower Upper
162 100
127 41.6 32.6 48.8
164 33.2 26.2 39.2

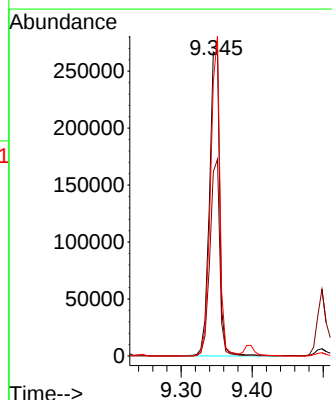
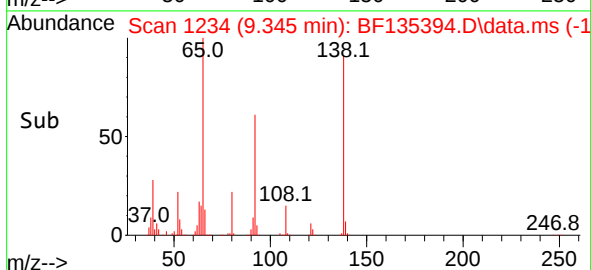
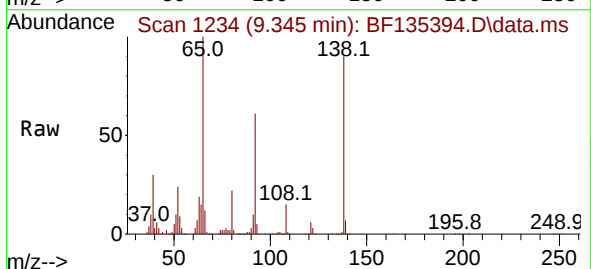
Manual Integrations
APPROVED

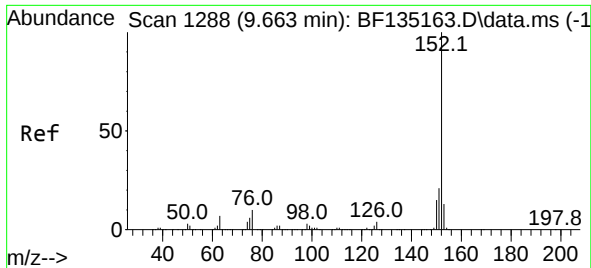
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#48
2-Nitroaniline
Concen: 44.687 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

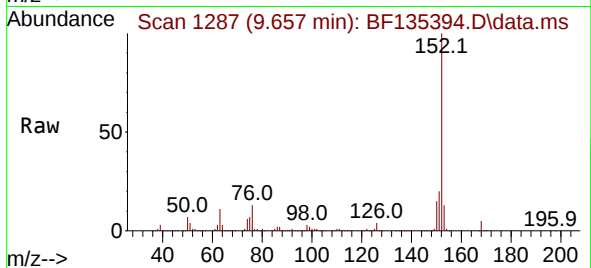
Tgt Ion: 65 Resp: 267425
Ion Ratio Lower Upper
65 100
92 60.6 49.4 74.0
138 90.1 77.4 116.0





#49
Acenaphthylene
Concen: 43.497 ng
RT: 9.657 min Scan# 111353
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

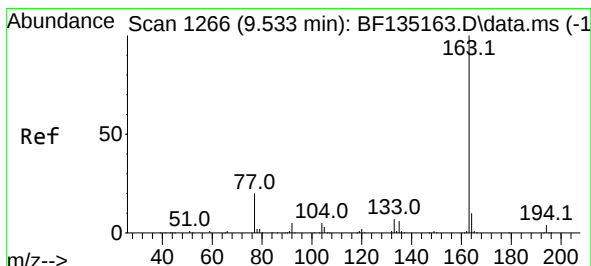
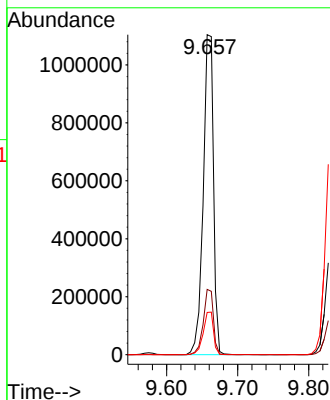
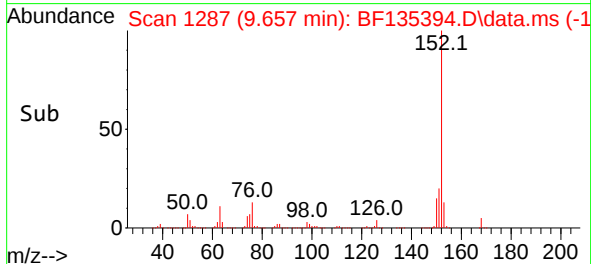
Instrument :
BNA_F
ClientSampleId :
PB155676BS



Tgt Ion:152 Resp: 111353
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.2 10.4 15.6

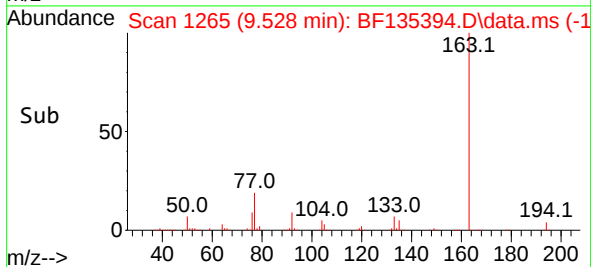
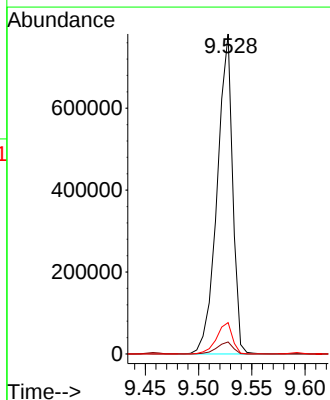
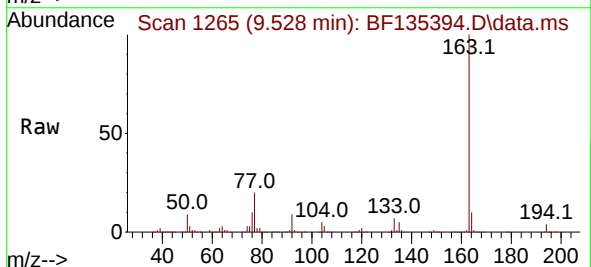
Manual Integrations
APPROVED

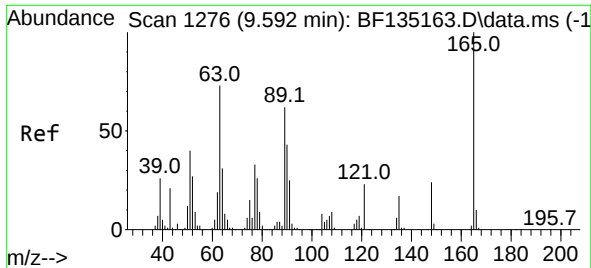
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#50
Dimethylphthalate
Concen: 42.095 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.005 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:163 Resp: 786265
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.8 8.1 12.1





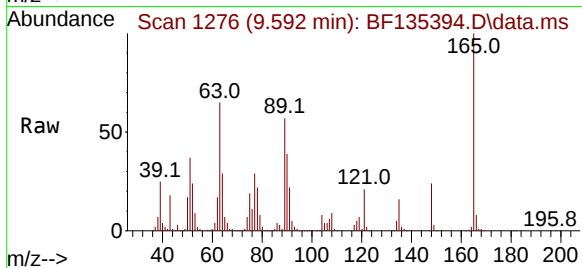
#51
2,6-Dinitrotoluene
Concen: 43.606 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

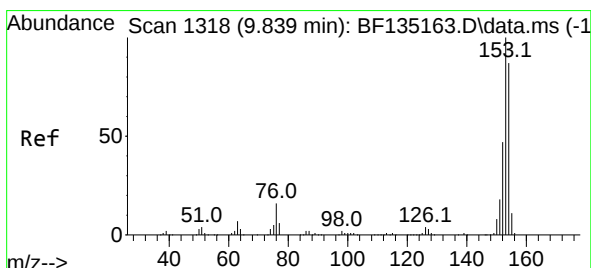
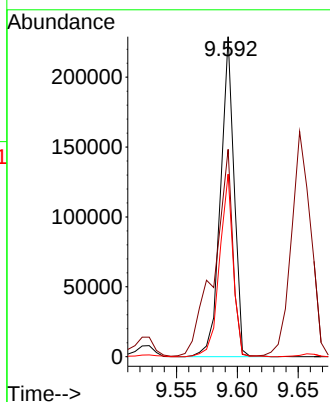
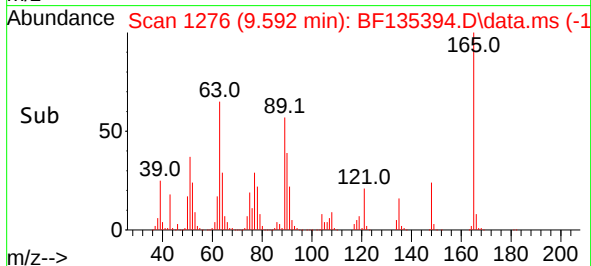


Tgt Ion:165 Resp: 178429
Ion Ratio Lower Upper
165 100
63 64.8 59.4 89.2
89 57.1 49.8 74.8

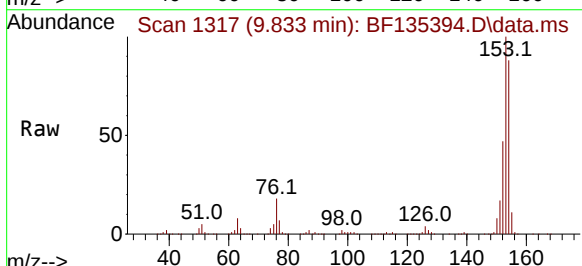
Manual Integrations

APPROVED

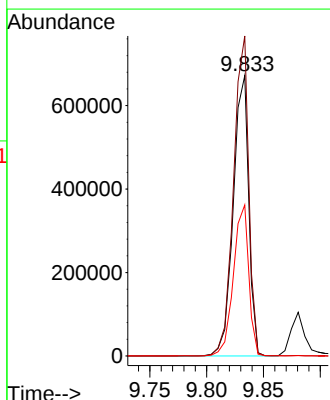
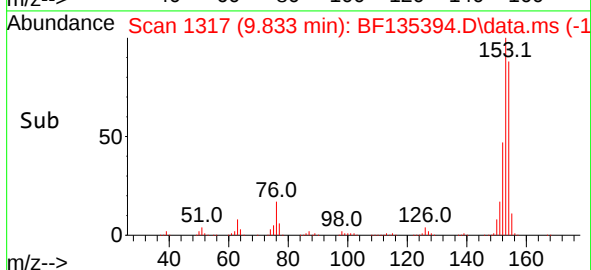
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

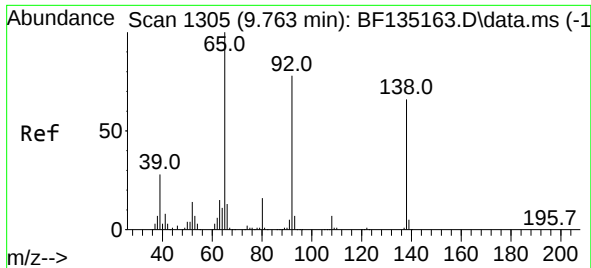


#52
Acenaphthene
Concen: 42.131 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



Tgt Ion:154 Resp: 637151
Ion Ratio Lower Upper
154 100
153 114.1 92.1 138.1
152 53.9 43.1 64.7





#53
3-Nitroaniline
Concen: 29.771 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

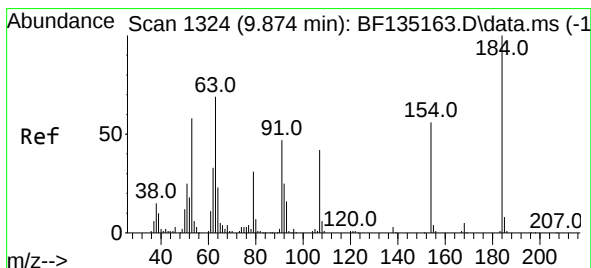
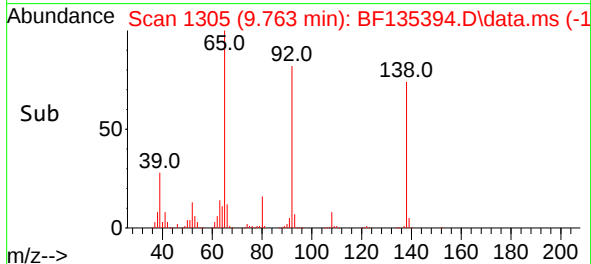
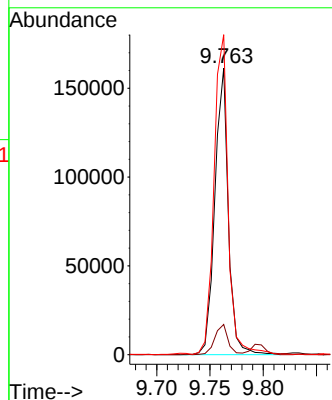
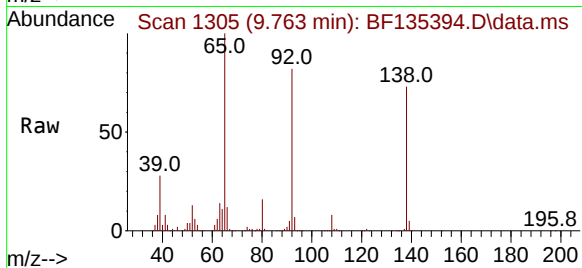
ClientSampleId :

PB155676BS

Tgt Ion:138 Resp: 14299
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 111.7 95.4 143.0

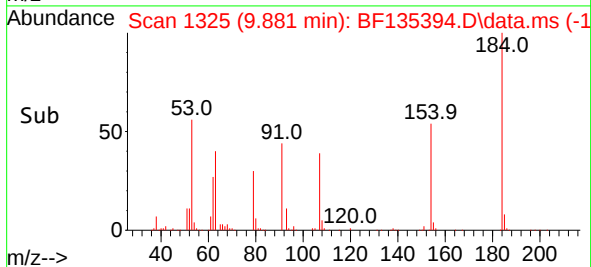
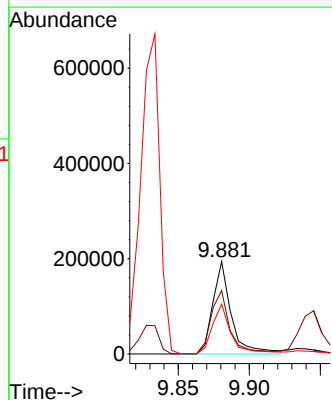
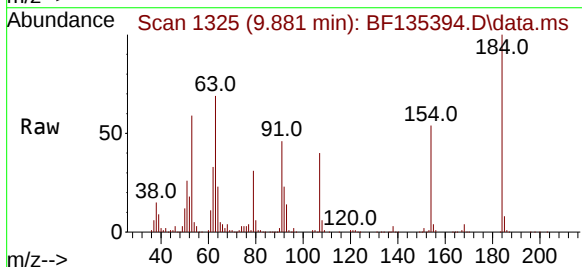
Manual Integrations
APPROVED

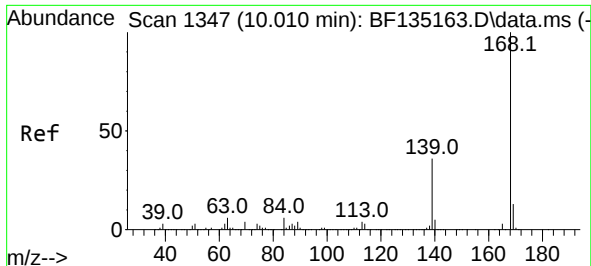
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#54
2,4-Dinitrophenol
Concen: 75.587 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.007 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:184 Resp: 174711
Ion Ratio Lower Upper
184 100
63 68.5 55.1 82.7
154 53.8 48.4 72.6





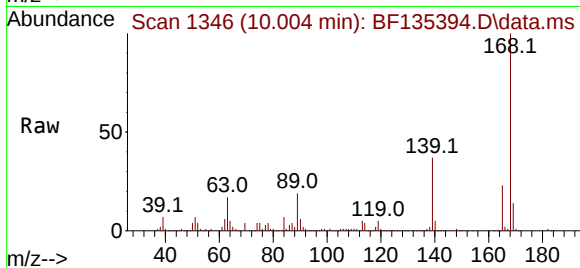
#55
Dibenzenofuran
Concen: 39.809 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

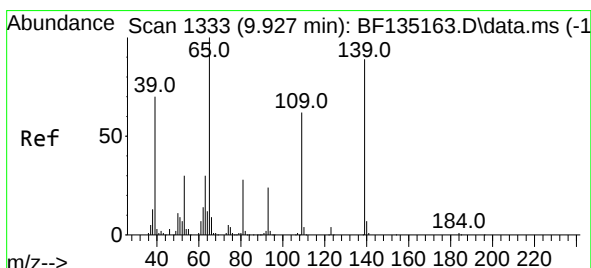
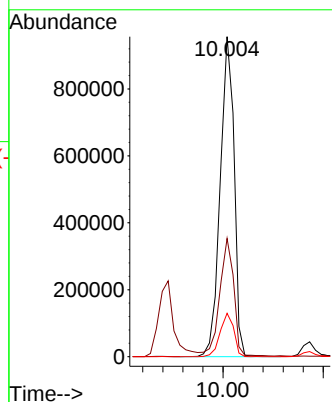
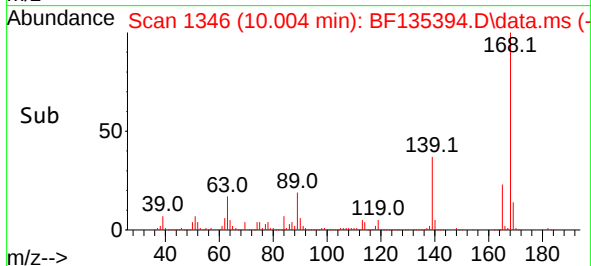


Tgt Ion:168 Resp: 918715
Ion Ratio Lower Upper
168 100
139 36.9 29.0 43.6
169 13.6 10.4 15.6

Manual Integrations

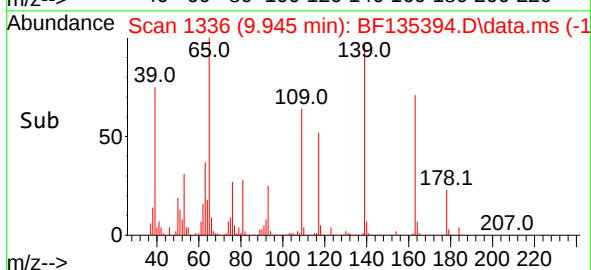
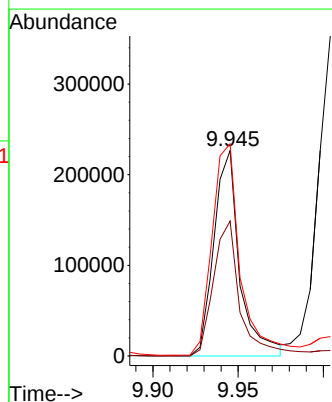
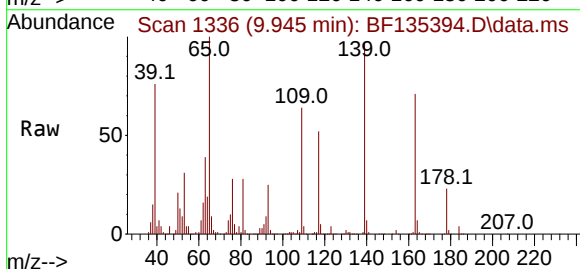
APPROVED

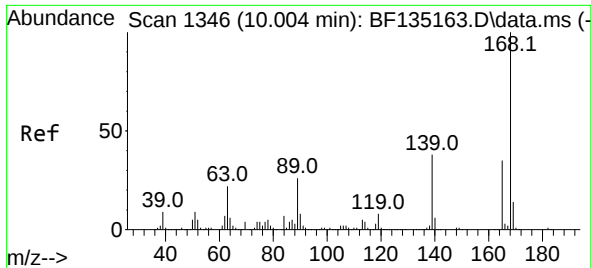
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#56
4-Nitrophenol
Concen: 78.071 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.018 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:139 Resp: 238321
Ion Ratio Lower Upper
139 100
109 65.6 49.8 89.8
65 103.2 92.7 132.7





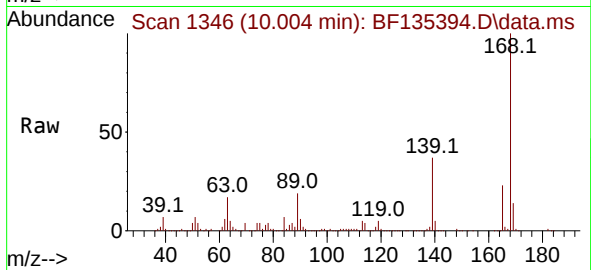
#57
2,4-Dinitrotoluene
Concen: 39.830 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

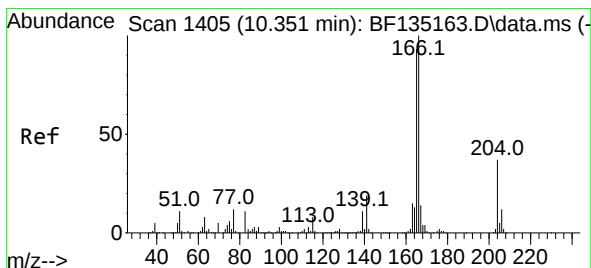
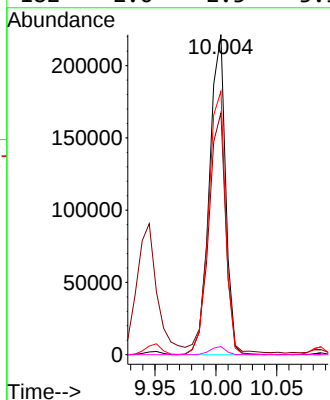
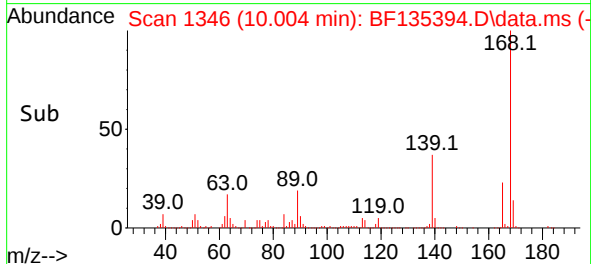


Tgt Ion:165 Resp: 204031
Ion Ratio Lower Upper
165 100
63 75.5 50.1 75.1
89 82.3 59.3 88.9
182 2.6 2.3 3.5

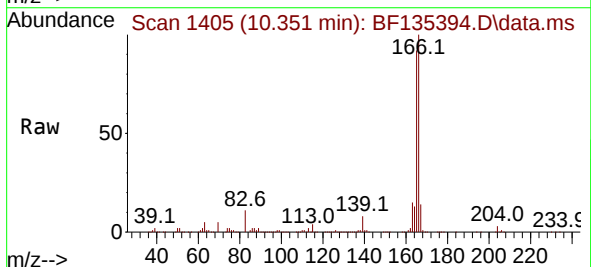
Manual Integrations

APPROVED

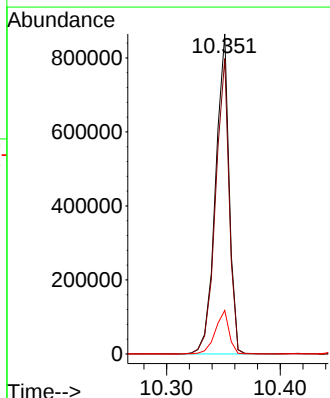
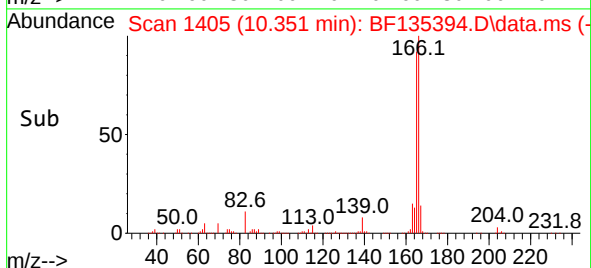
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#58
Fluorene
Concen: 40.616 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



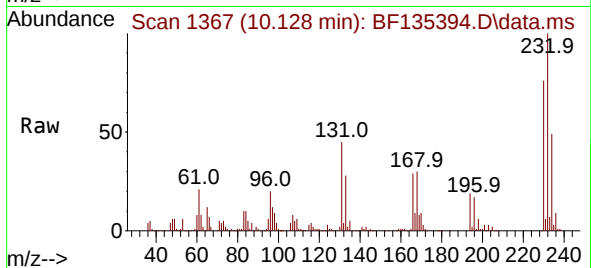
Tgt Ion:166 Resp: 720589
Ion Ratio Lower Upper
166 100
165 92.3 74.3 111.5
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.041 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

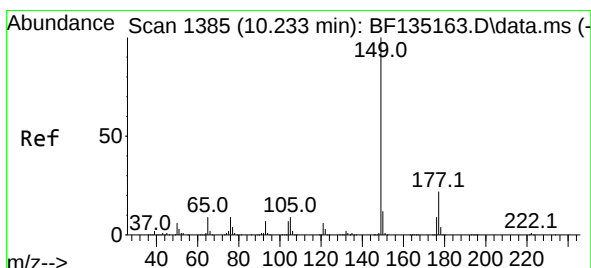
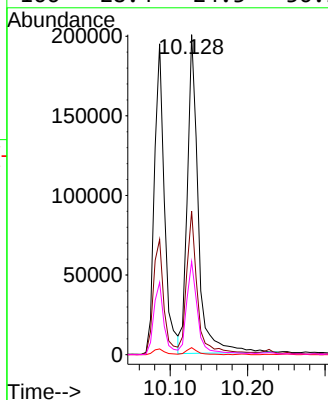
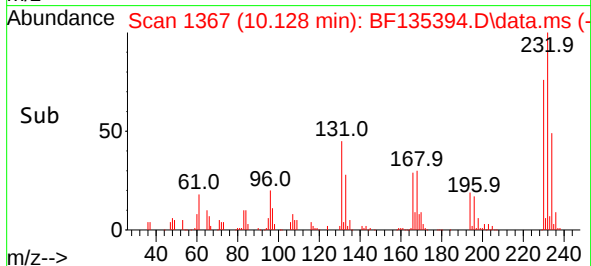
Instrument :
BNA_F
ClientSampleId :
PB155676BS



Tgt Ion:232 Resp: 195164
Ion Ratio Lower Upper
232 100
131 42.5 35.4 53.2
130 2.3 1.8 2.8
166 28.4 24.3 36.5

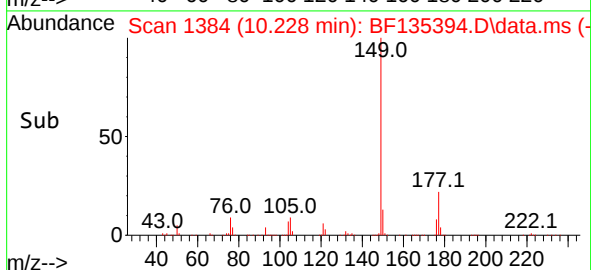
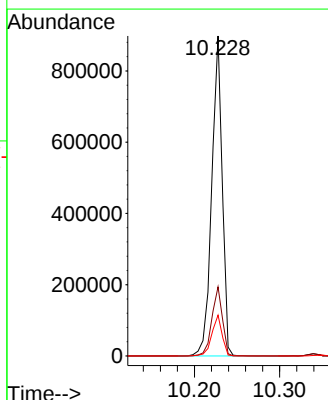
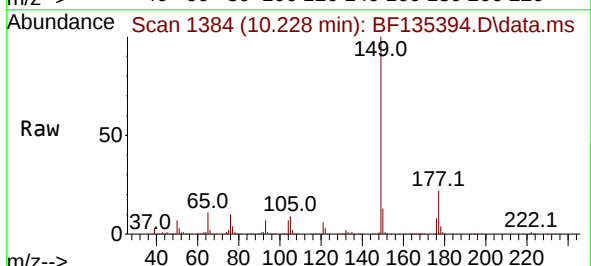
Manual Integrations
APPROVED

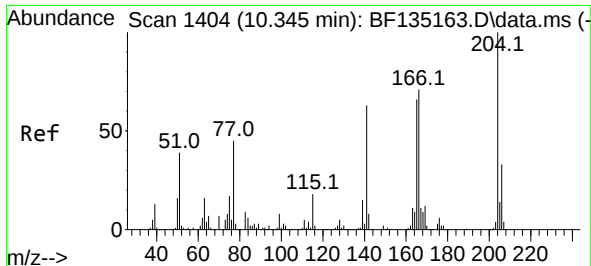
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#60
Diethylphthalate
Concen: 41.006 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

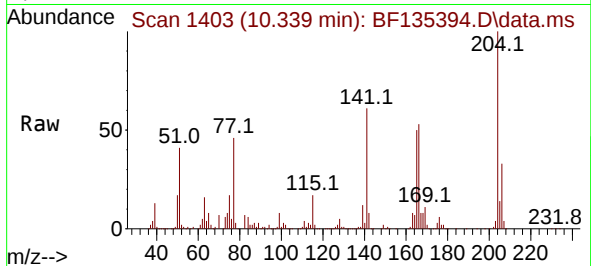
Tgt Ion:149 Resp: 768673
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.492 ng
RT: 10.339 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

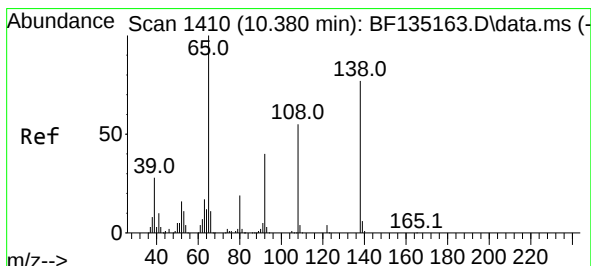
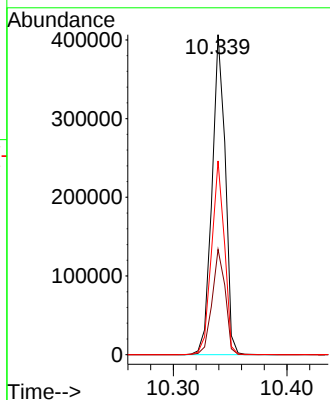
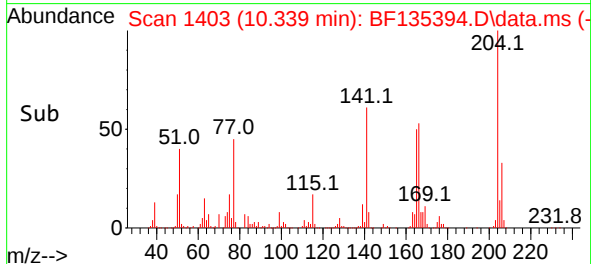
Instrument :
BNA_F
ClientSampleId :
PB155676BS



Tgt Ion:204 Resp: 32804
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 60.6 50.6 75.8

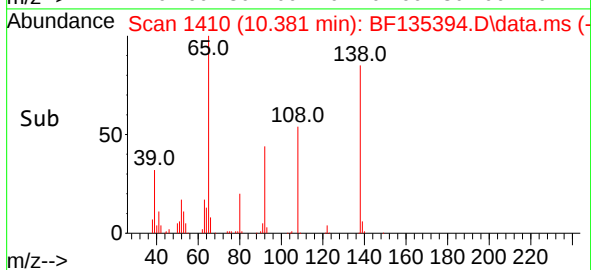
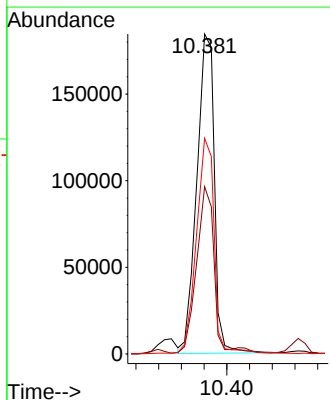
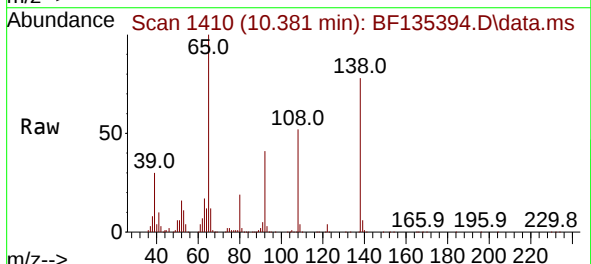
Manual Integrations
APPROVED

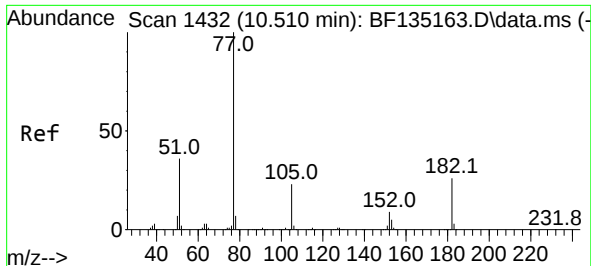
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#62
4-Nitroaniline
Concen: 42.926 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:138 Resp: 198189
Ion Ratio Lower Upper
138 100
92 52.3 31.8 71.8
108 67.4 52.0 92.0





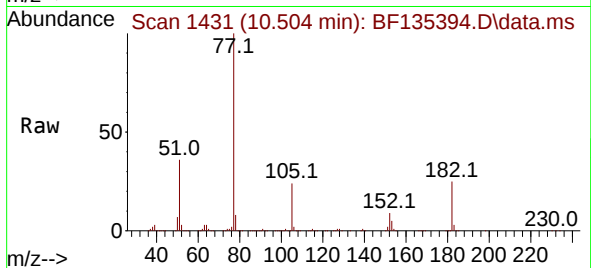
#63
Azobenzene
Concen: 43.243 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

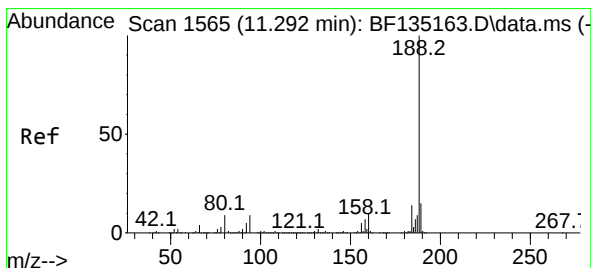
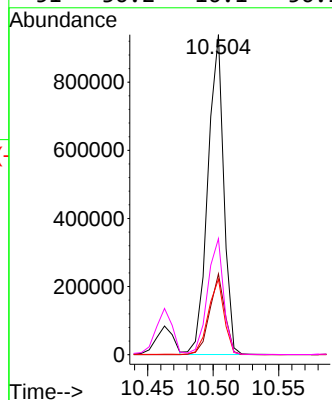
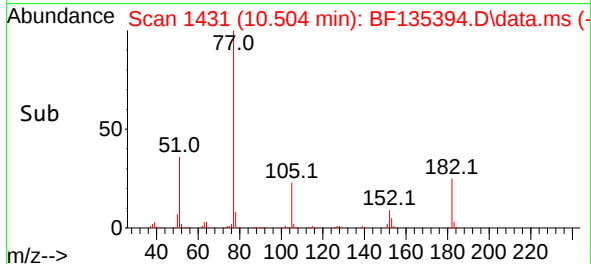


Tgt Ion: 77 Resp: 79334
Ion Ratio Lower Upper
77 100
182 25.3 6.4 46.4
105 23.6 3.1 43.1
51 36.2 16.1 56.1

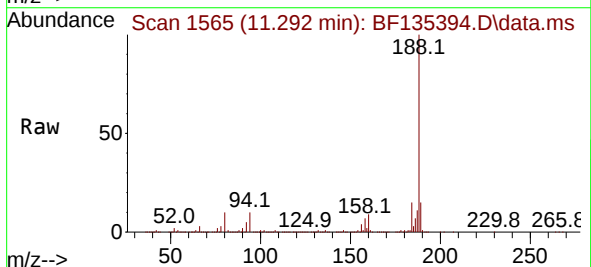
Manual Integrations

APPROVED

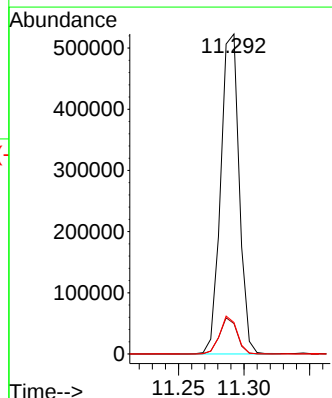
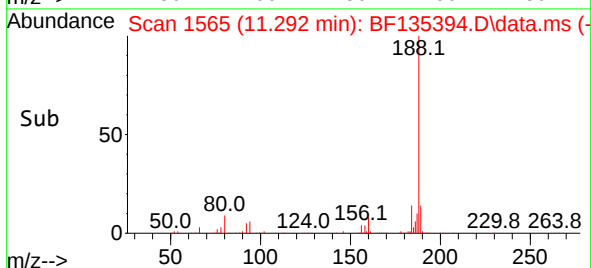
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

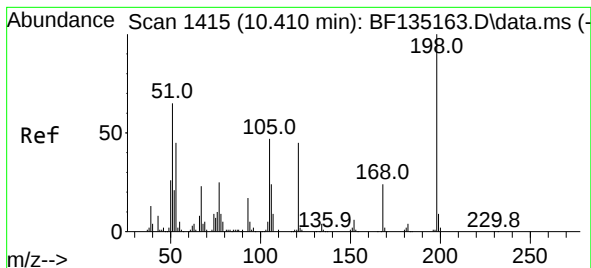


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



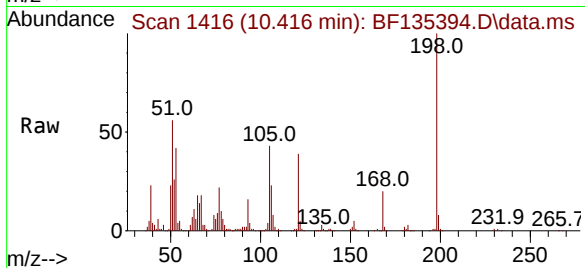
Tgt Ion:188 Resp: 511338
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.9 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 43.925 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

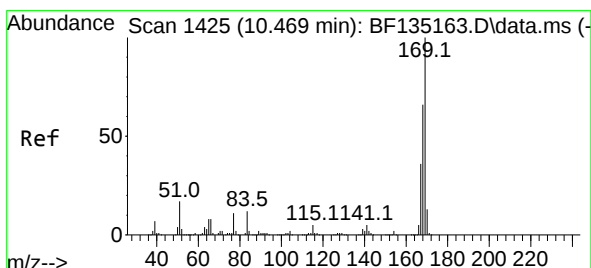
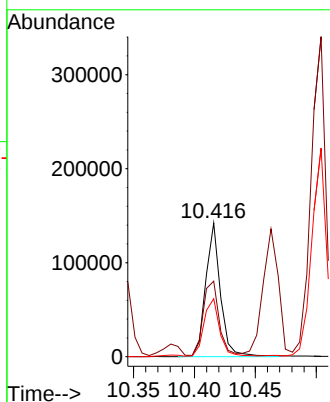
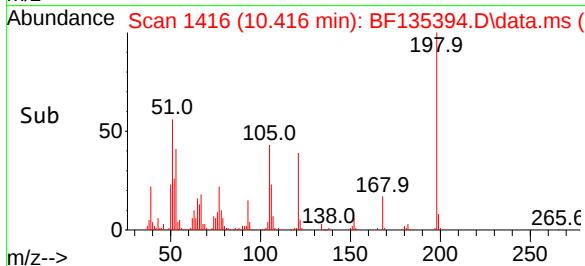
Instrument :
BNA_F
ClientSampleId :
PB155676BS



Tgt Ion:198 Resp: 119294
Ion Ratio Lower Upper
198 100
51 56.4 47.7 87.7
105 43.3 27.4 67.4

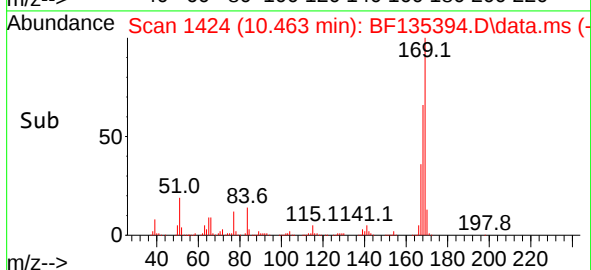
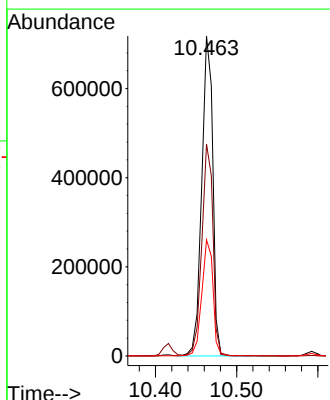
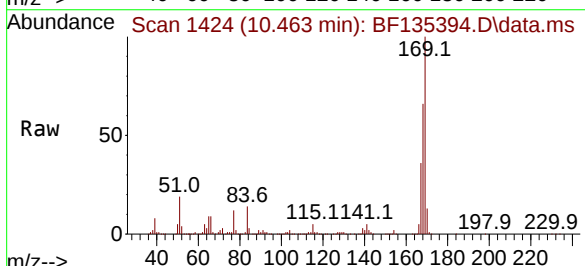
Manual Integrations
APPROVED

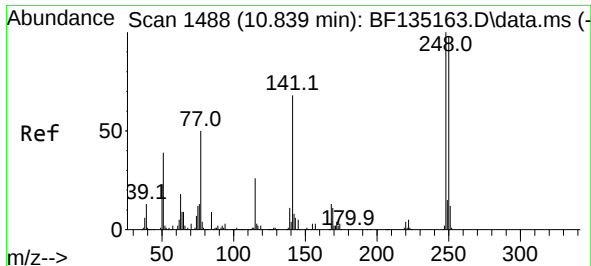
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#66
n-Nitrosodiphenylamine
Concen: 43.719 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:169 Resp: 676788
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 42.003 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

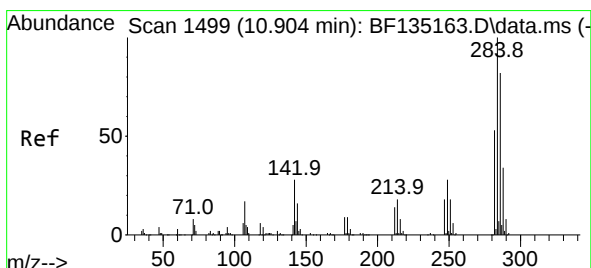
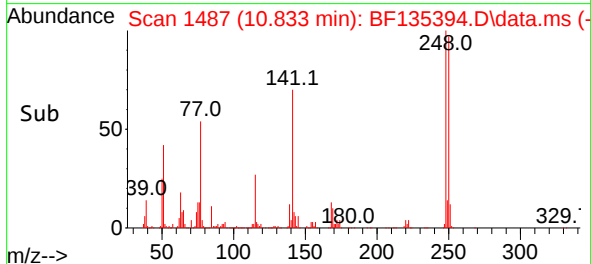
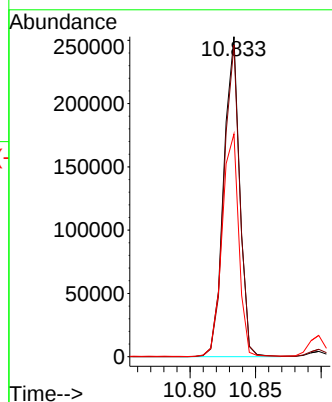
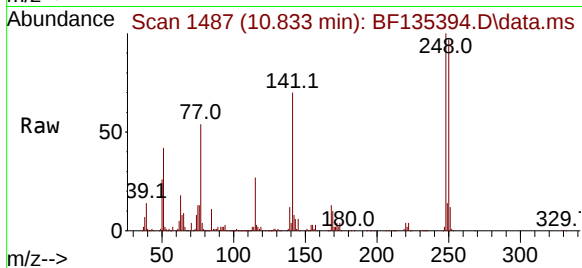
PB155676BS

Tgt Ion:248 Resp: 21361
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 69.6 54.2 81.2

Manual Integrations

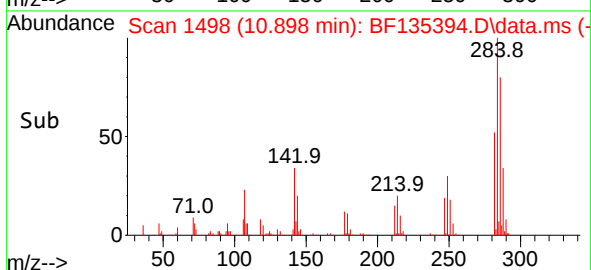
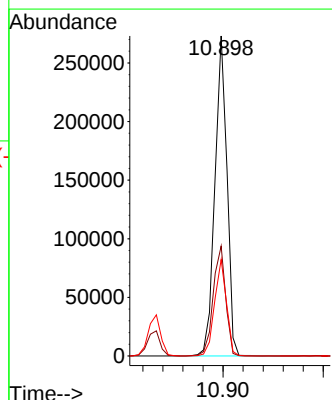
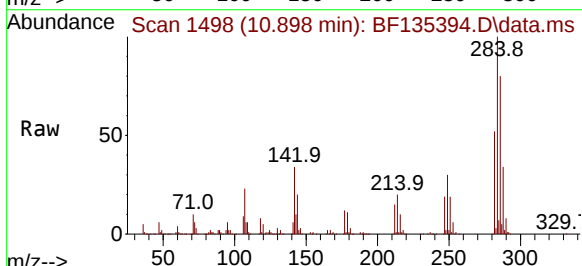
APPROVED

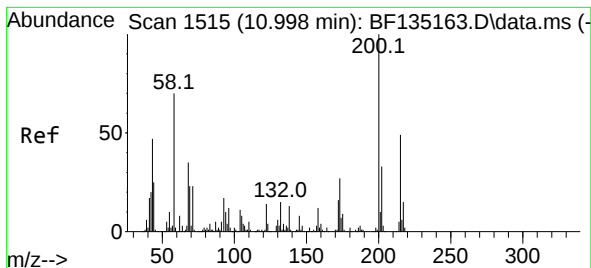
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#68
Hexachlorobenzene
Concen: 44.043 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:284 Resp: 228193
Ion Ratio Lower Upper
284 100
142 34.4 22.2 33.4#
249 30.2 22.5 33.7





#69

Atrazine

Concen: 50.623 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

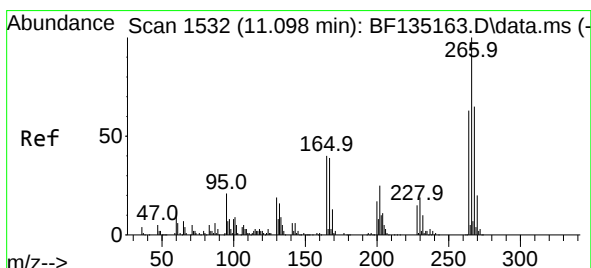
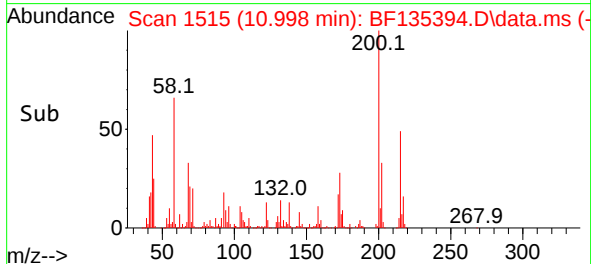
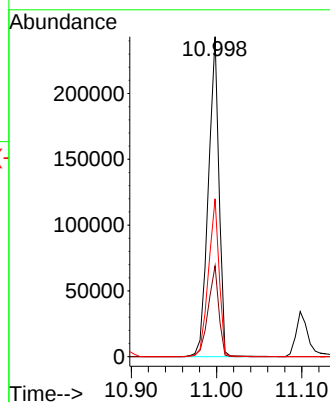
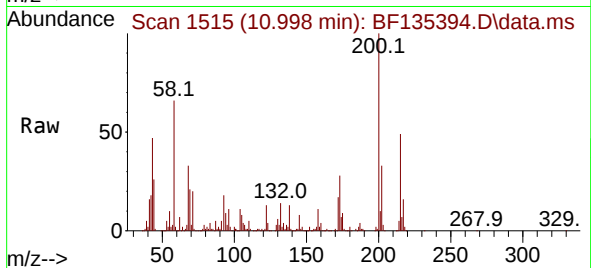
Tgt Ion:	200	Resp:	21086
Ion Ratio	Lower	Upper	
200	100		
173	28.4	7.4	47.4
215	49.3	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#70

Pentachlorophenol

Concen: 69.284 ng

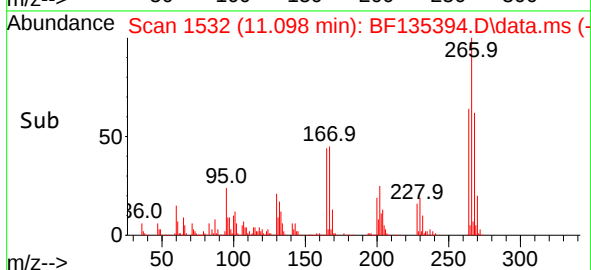
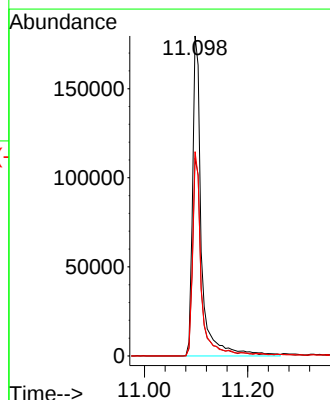
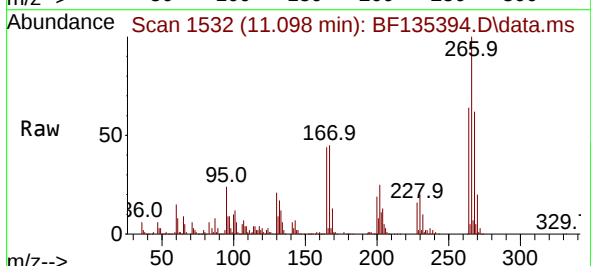
RT: 11.098 min Scan# 1532

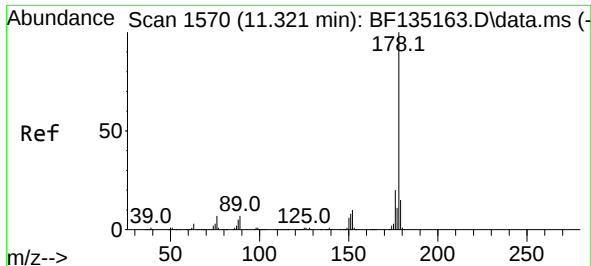
Delta R.T. 0.000 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Tgt Ion:	266	Resp:	214769
Ion Ratio	Lower	Upper	
266	100		
268	61.8	52.1	78.1
264	63.8	50.8	76.2





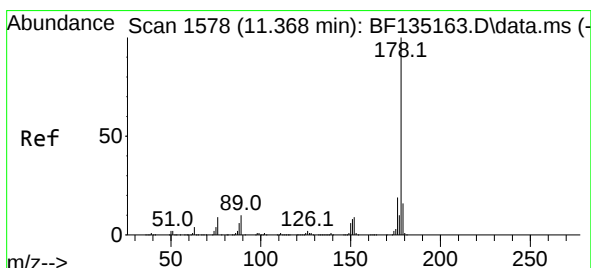
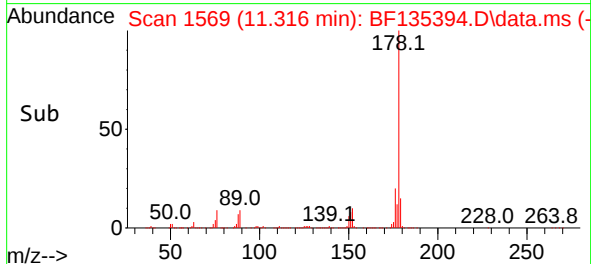
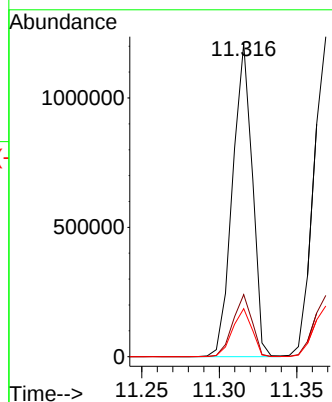
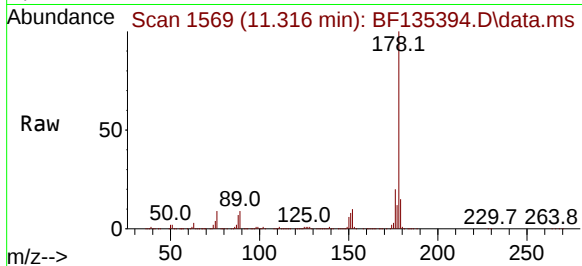
#71
Phenanthrene
Concen: 44.346 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB155676BS

Tgt Ion:178 Resp: 107247
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.3 12.0 18.0

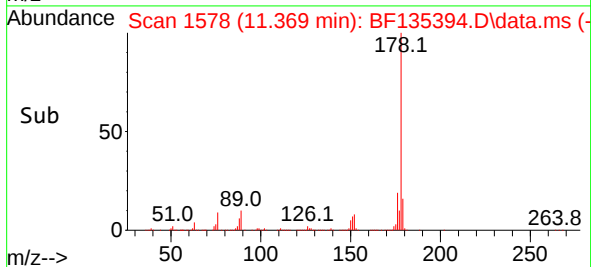
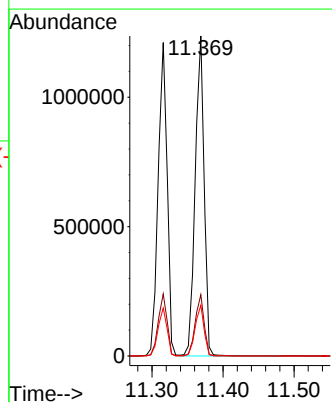
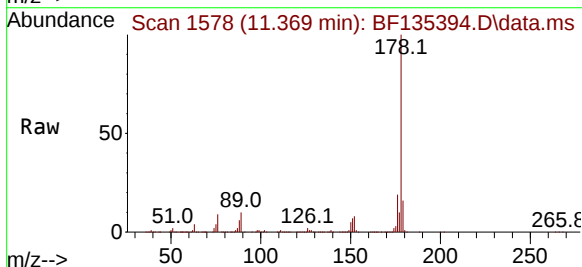
Manual Integrations
APPROVED

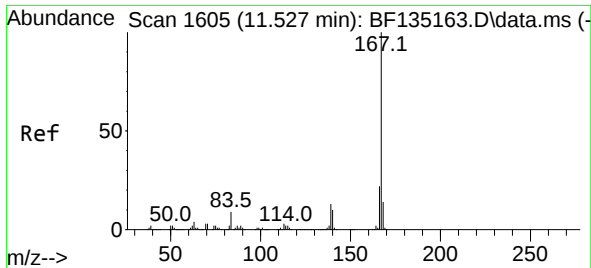
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#72
Anthracene
Concen: 43.821 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

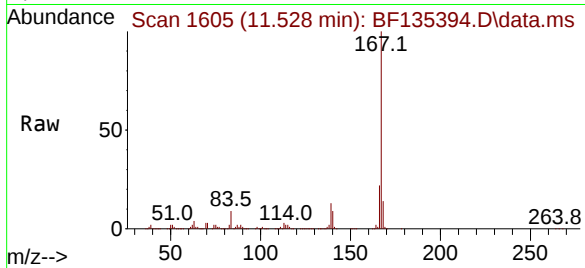
Tgt Ion:178 Resp: 1089340
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 46.594 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135394.D
 Acq: 22 Sep 2023 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB155676BS

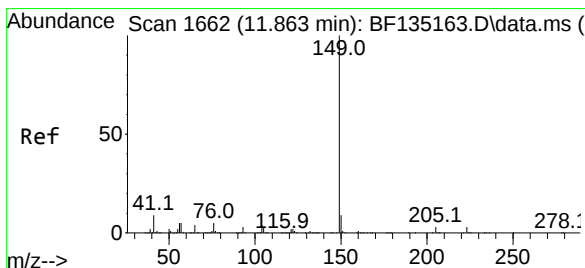
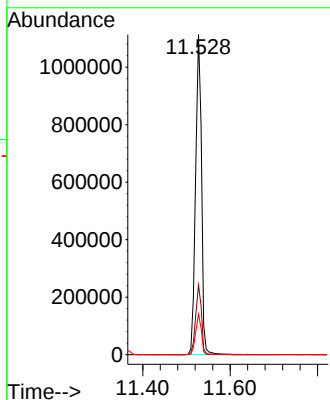
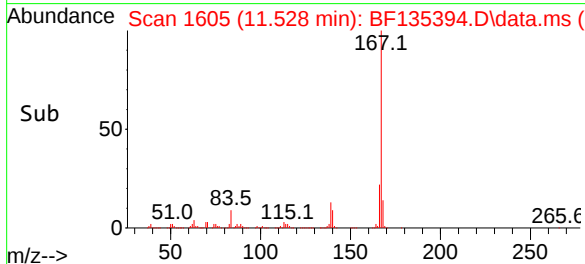


Tgt Ion:167 Resp: 105439

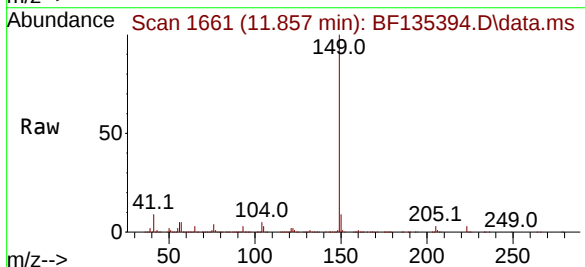
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.6	10.6	15.8

Manual Integrations
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Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

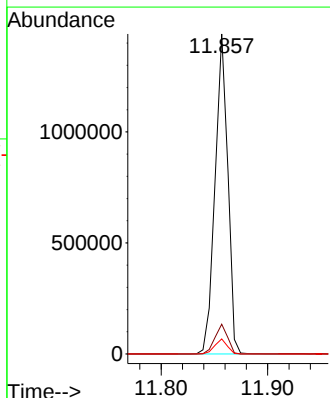
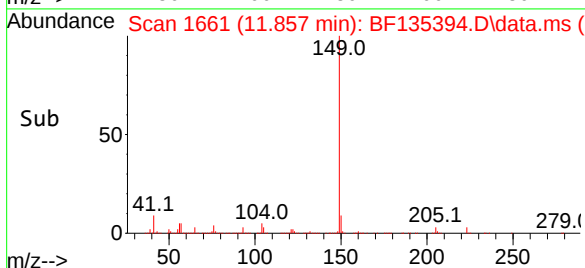


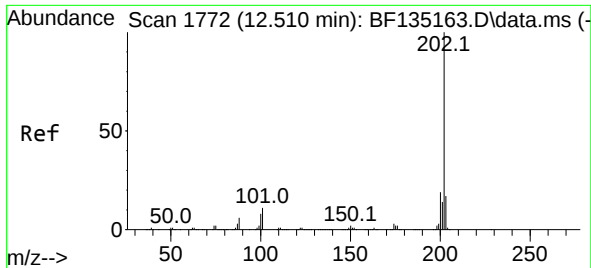
#74
 Di-n-butylphthalate
 Concen: 44.714 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF135394.D
 Acq: 22 Sep 2023 11:31



Tgt Ion:149 Resp: 1192316

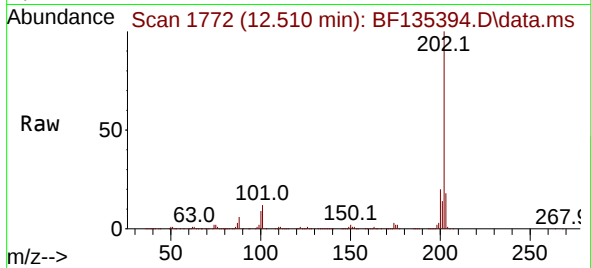
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	4.7	3.6	5.4





#75
Fluoranthene
Concen: 44.075 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

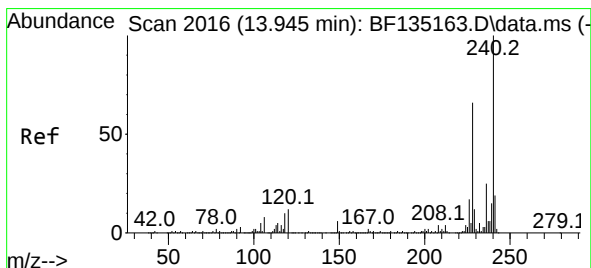
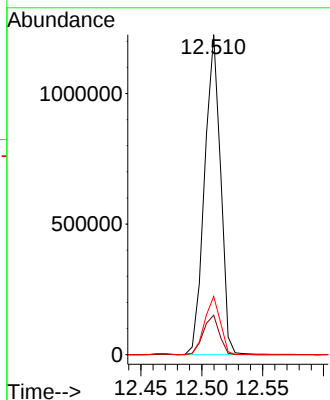
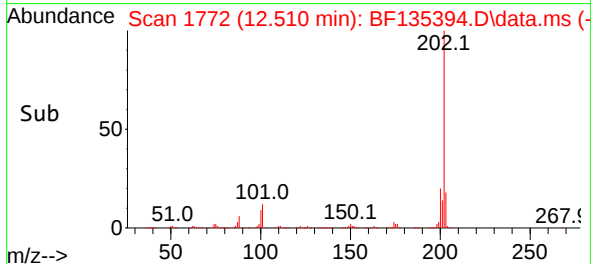
Instrument :
BNA_F
ClientSampleId :
PB155676BS



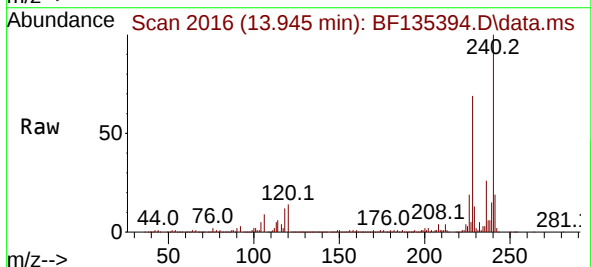
Tgt Ion:202 Resp: 1110660
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.3
203 18.2 0.0 37.4

Manual Integrations
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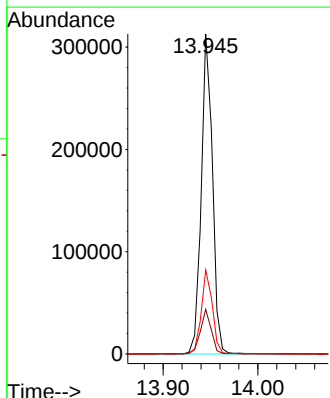
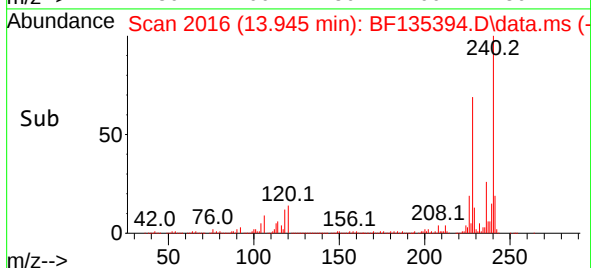
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

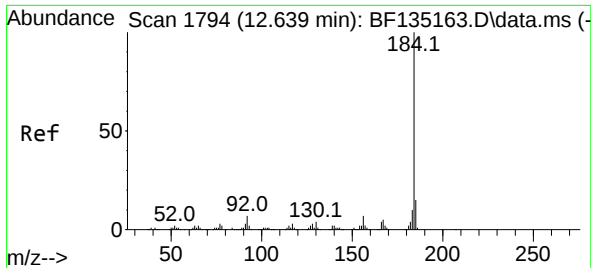


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



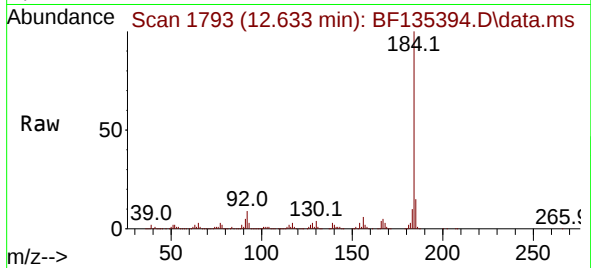
Tgt Ion:240 Resp: 256252
Ion Ratio Lower Upper
240 100
120 13.9 9.4 14.2
236 26.3 19.8 29.8





#77
Benzidine
Concen: 70.159 ng
RT: 12.633 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

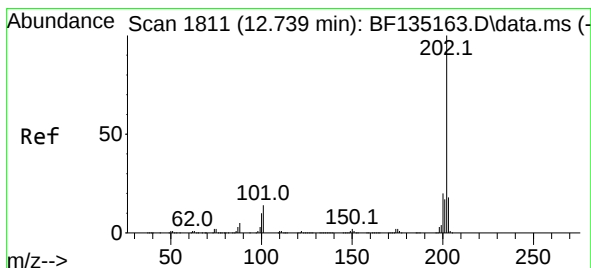
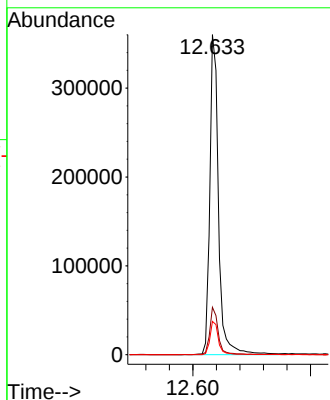
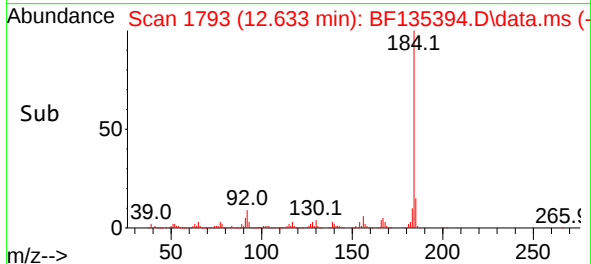
Instrument :
BNA_F
ClientSampleId :
PB155676BS



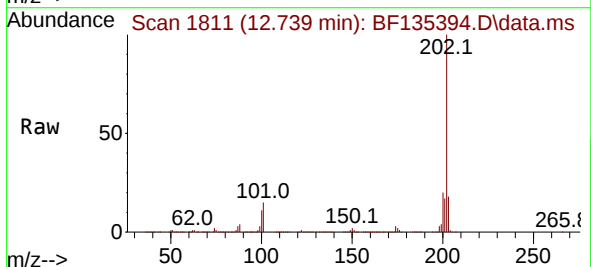
Tgt Ion:184 Resp: 368318
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 10.4 8.2 12.4

Manual Integrations
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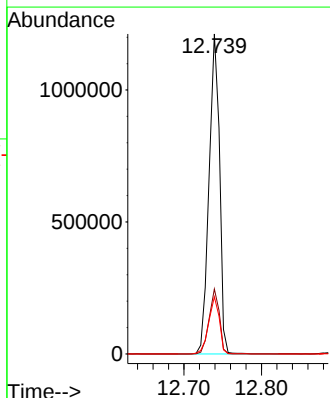
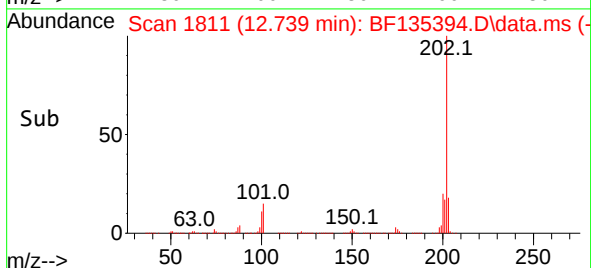
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#78
Pyrene
Concen: 46.674 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



Tgt Ion:202 Resp: 1138720
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 79.493 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

Tgt Ion:244 Resp: 131404

Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

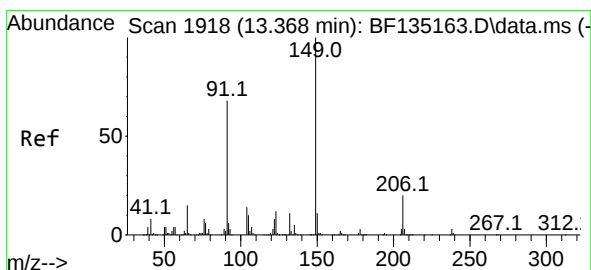
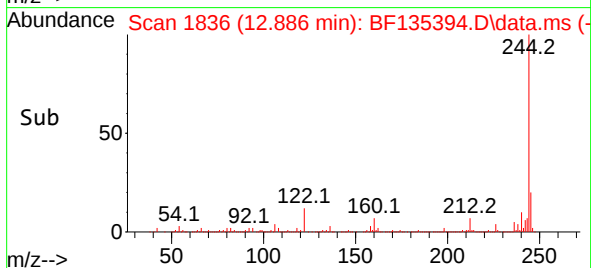
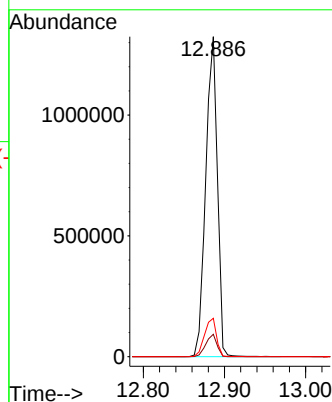
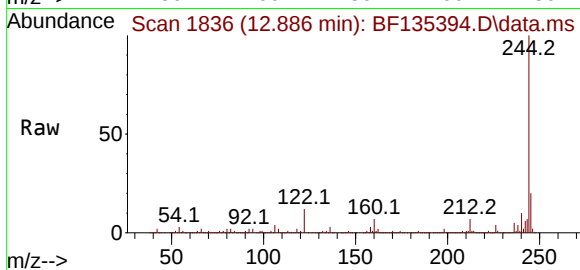
122 12.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#80

Butylbenzylphthalate

Concen: 49.366 ng

RT: 13.363 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

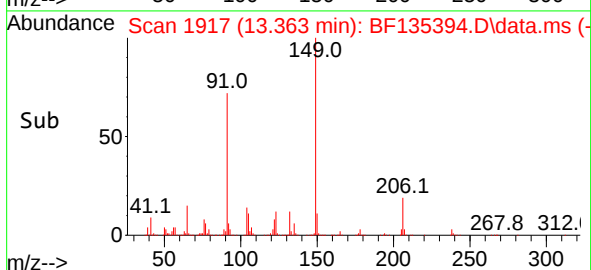
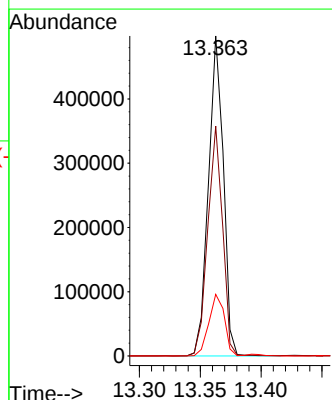
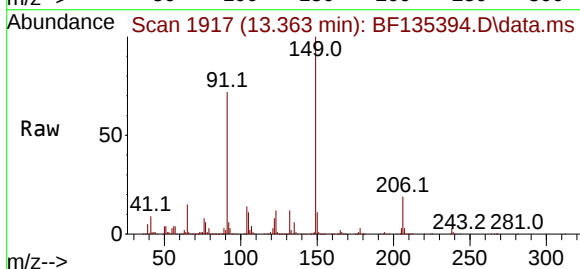
Tgt Ion:149 Resp: 424047

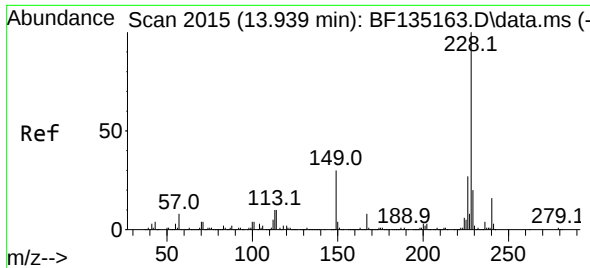
Ion Ratio Lower Upper

149 100

91 71.9 54.7 82.1

206 19.3 16.3 24.5





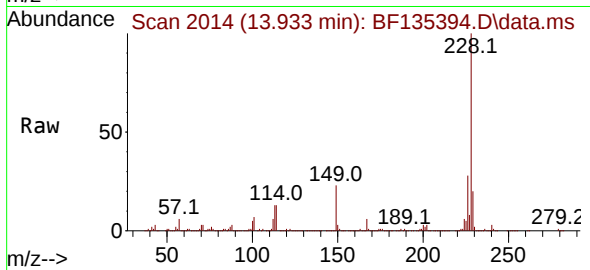
#81
Benzo(a)anthracene
Concen: 44.042 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

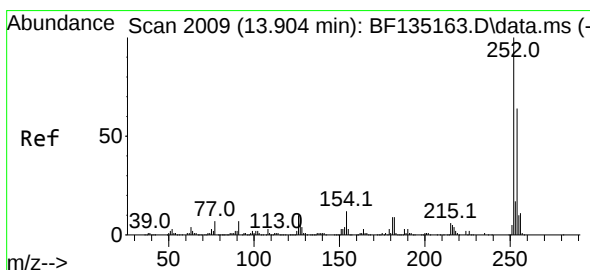
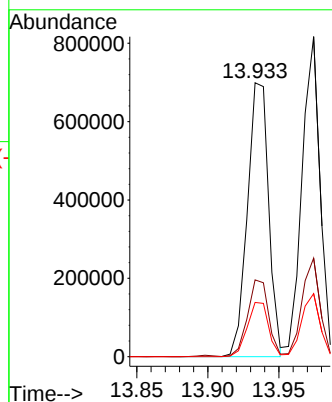
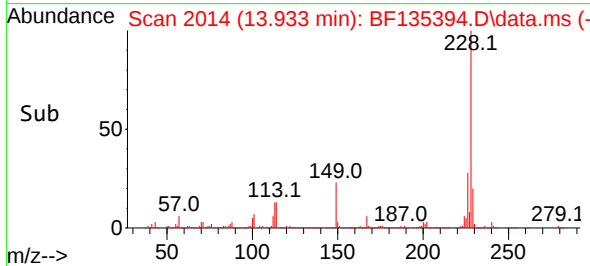


Tgt Ion:228 Resp: 728752
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 19.8 15.8 23.8

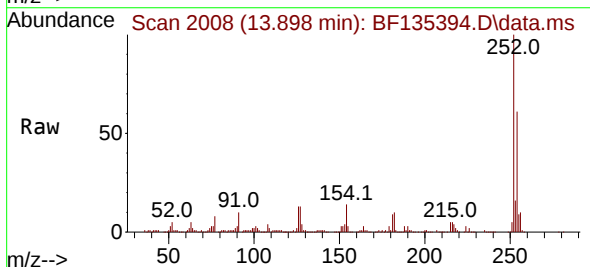
Manual Integrations

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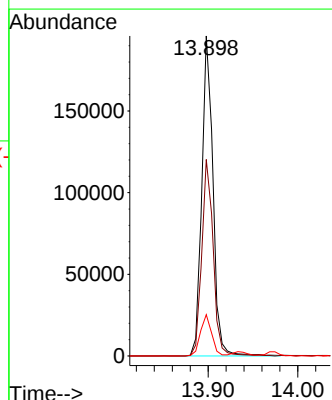
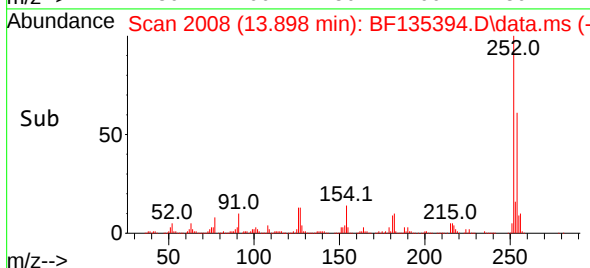
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023

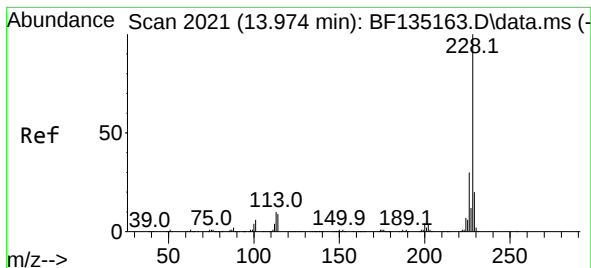


#82
3,3'-Dichlorobenzidine
Concen: 32.869 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31



Tgt Ion:252 Resp: 169883
Ion Ratio Lower Upper
252 100
254 61.4 51.0 76.4
126 12.9 7.8 11.8





#83

Chrysene

Concen: 44.152 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS

Tgt Ion:228 Resp: 726364

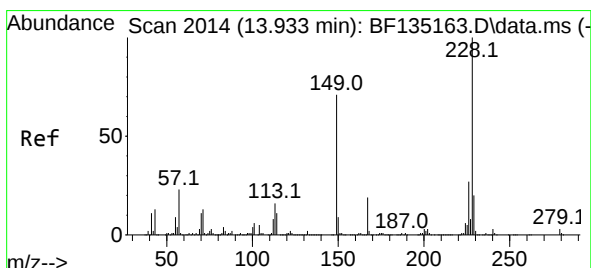
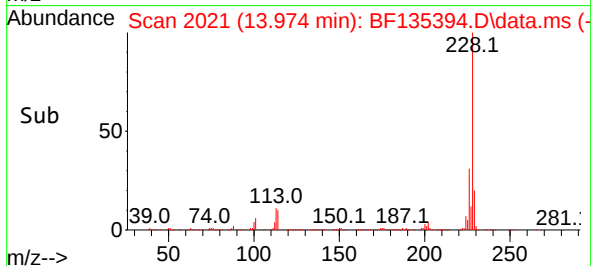
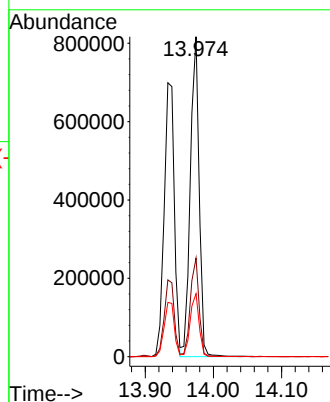
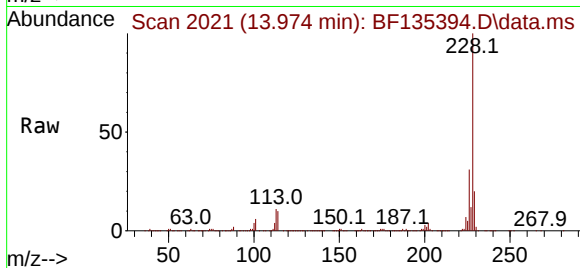
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.7	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.189 ng

RT: 13.927 min Scan# 2013

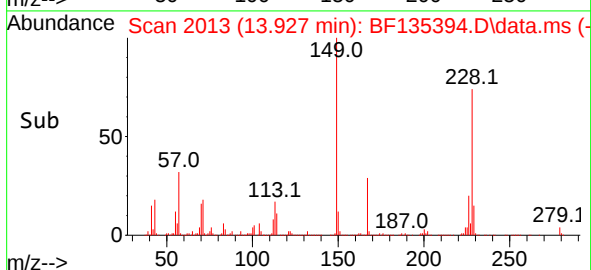
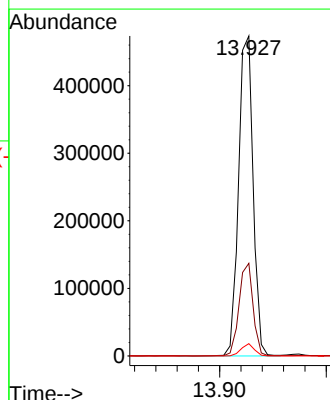
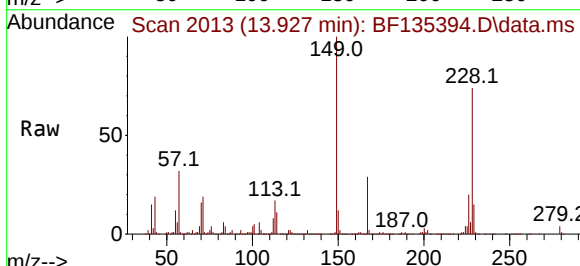
Delta R.T. -0.006 min

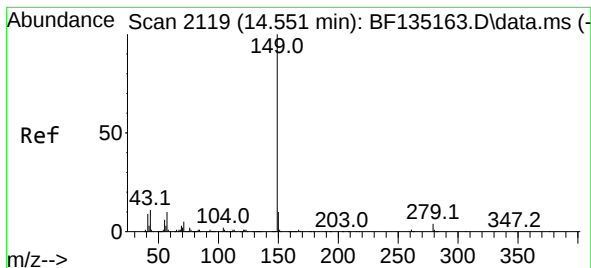
Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

Tgt Ion:149 Resp: 451212

Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.9	32.9
279	3.9	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 49.277 ng

RT: 14.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF135394.D

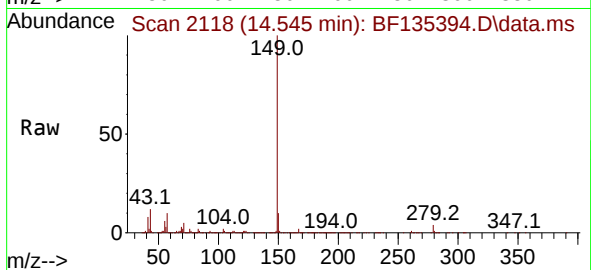
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

ClientSampleId :

PB155676BS



Tgt Ion:149 Resp: 690285

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

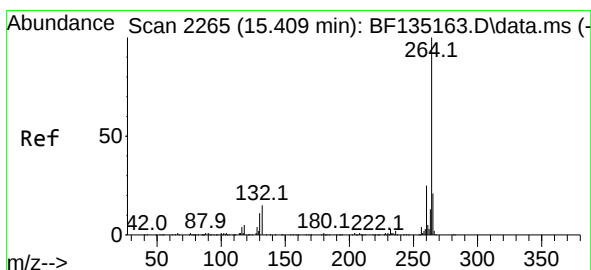
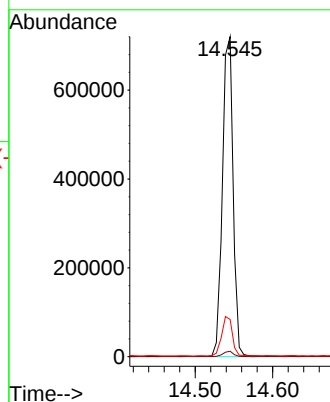
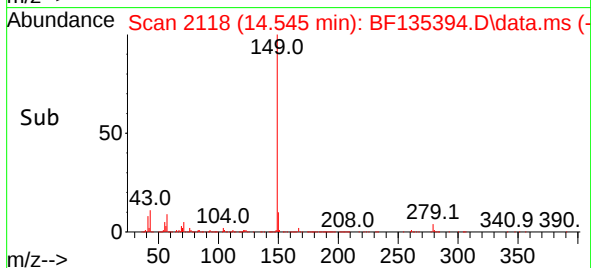
43 12.4 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135394.D

Acq: 22 Sep 2023 11:31

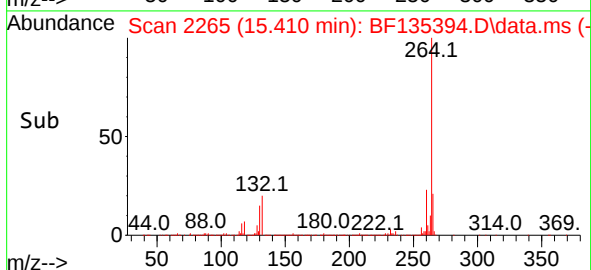
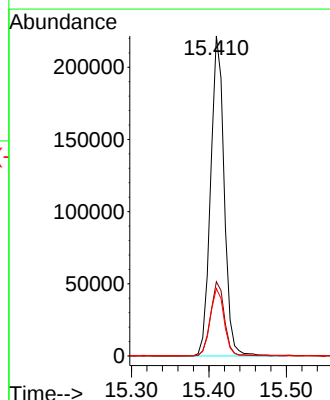
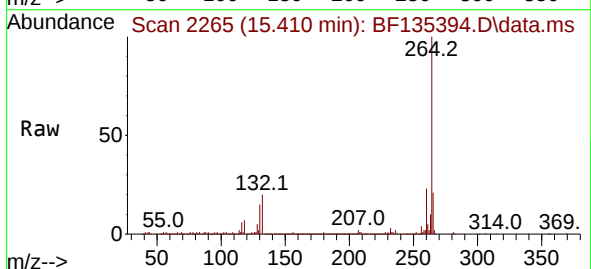
Tgt Ion:264 Resp: 268980

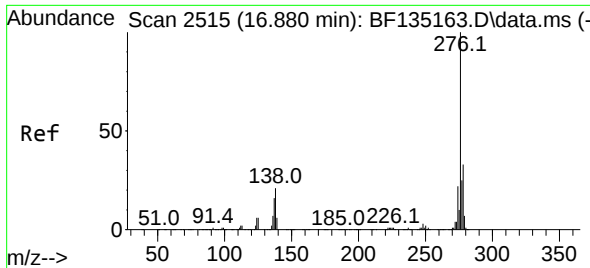
Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 21.0 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.722 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

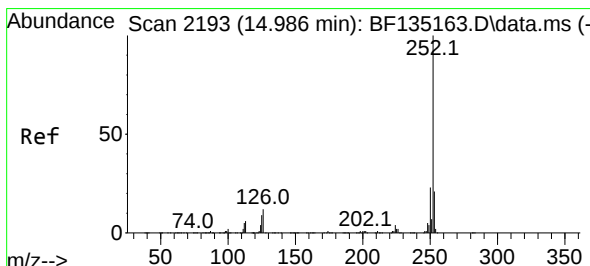
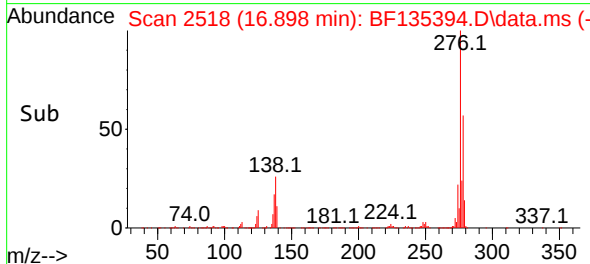
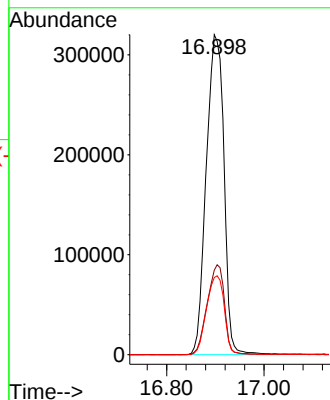
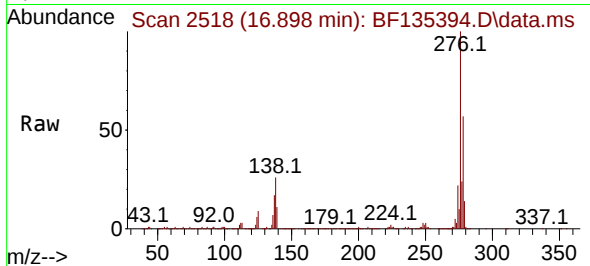
ClientSampleId :

PB155676BS

Tgt Ion:276 Resp: 80635
Ion Ratio Lower Upper
276 100
138 27.5 19.2 28.8
277 24.8 19.7 29.5

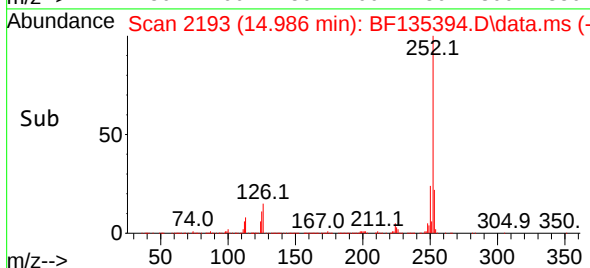
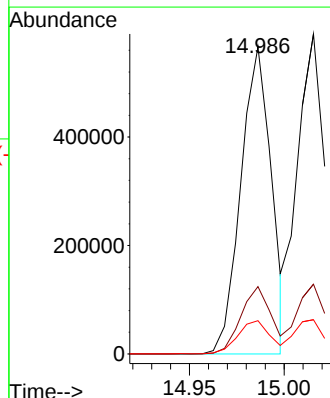
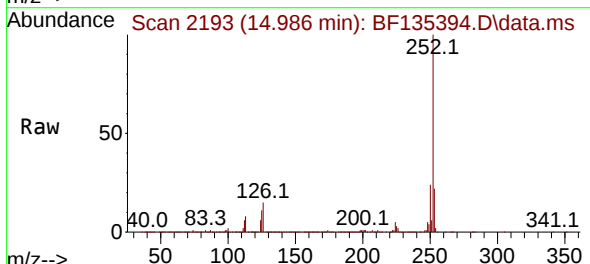
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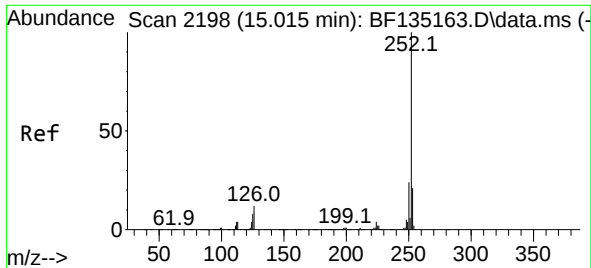
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#88
Benzo(b)fluoranthene
Concen: 43.726 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:252 Resp: 636684
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.8 7.1 10.7#





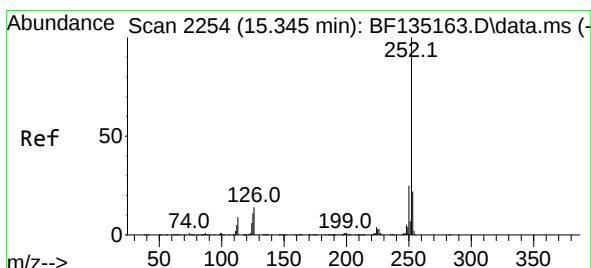
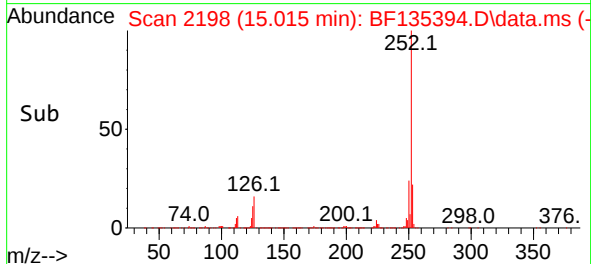
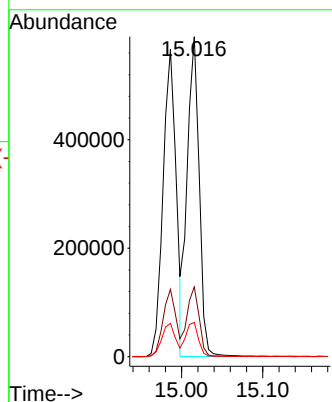
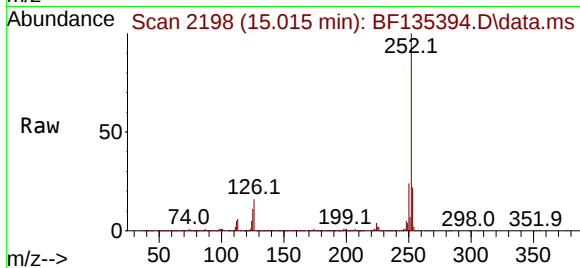
#89
Benzo(k)fluoranthene
Concen: 42.138 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :
BNA_F
ClientSampleId :
PB155676BS

Tgt Ion:252 Resp: 60609
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.7 7.2 10.8

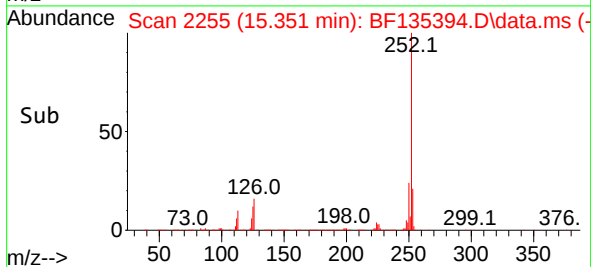
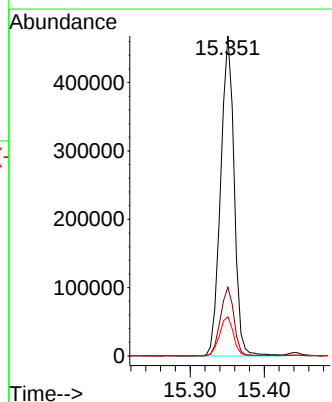
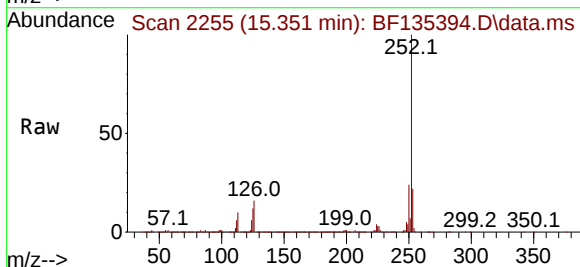
Manual Integrations
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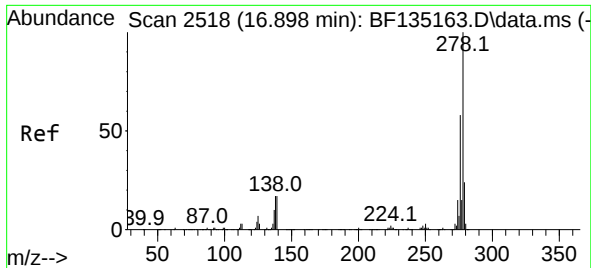
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#90
Benzo(a)pyrene
Concen: 42.856 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:252 Resp: 595090
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 12.2 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 45.010 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Instrument :

BNA_F

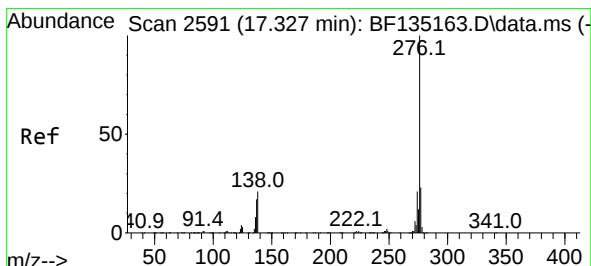
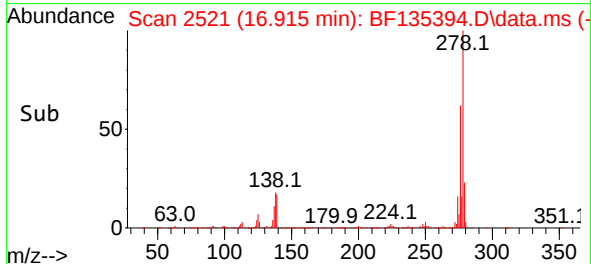
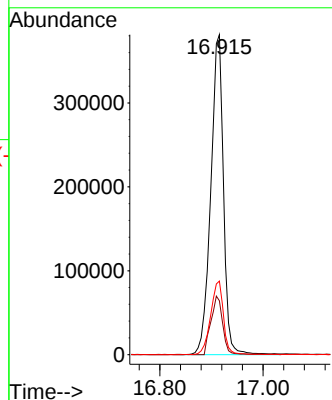
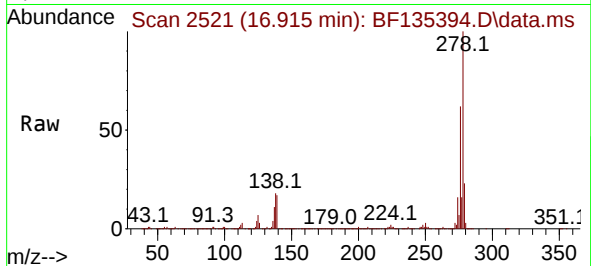
ClientSampleId :

PB155676BS

Tgt Ion:278 Resp: 64949
Ion Ratio Lower Upper
278 100
139 16.9 13.4 20.0
279 23.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/27/2023



#92
Benzo(g,h,i)perylene
Concen: 45.664 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.024 min
Lab File: BF135394.D
Acq: 22 Sep 2023 11:31

Tgt Ion:276 Resp: 688171
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 23.5 16.9 25.3

