

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139094.D
 Acq On : 21 Aug 2024 11:22
 Operator : RC/JU
 Sample : P3663-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 914-J-SD-0-1-081624MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 21 11:50:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	91245	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	344368	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	193971	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	321854	20.000	ng	0.00
76) Chrysene-d12	14.057	240	150412	20.000	ng	0.00
86) Perylene-d12	15.533	264	194315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	510543	86.085	ng	0.00
7) Phenol-d6	6.522	99	677121	88.360	ng	0.00
23) Nitrobenzene-d5	7.457	82	414119	70.072	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	155557	88.586	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	599827	49.064	ng	0.00
79) Terphenyl-d14	13.004	244	426762	47.079	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.751	88	106856	42.007	ng	99
3) Pyridine	3.504	79	287021	44.403	ng	99
4) n-Nitrosodimethylamine	3.457	42	178451	45.700	ng	98
6) Aniline	6.557	93	386446	55.861	ng	100
8) 2-Chlorophenol	6.681	128	286349	50.198	ng	97
9) Benzaldehyde	6.445	77	167196	37.201	ng	98
10) Phenol	6.534	94	403056	50.549	ng	99
11) bis(2-Chloroethyl)ether	6.633	93	288515	44.994	ng	99
12) 1,3-Dichlorobenzene	6.839	146	316293	46.117	ng	100
13) 1,4-Dichlorobenzene	6.916	146	319619	46.610	ng	99
14) 1,2-Dichlorobenzene	7.069	146	305701	48.778	ng	99
15) Benzyl Alcohol	7.033	79	311944	51.504	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	451881	50.027	ng	100
17) 2-Methylphenol	7.145	107	241647	49.517	ng	98
18) Hexachloroethane	7.410	117	114815	47.748	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	244928	48.670	ng	100
20) 3+4-Methylphenols	7.298	107	310610	49.125	ng	93
22) Acetophenone	7.304	105	424923	48.326	ng	# 93
24) Nitrobenzene	7.481	77	348783	53.095	ng	99
25) Isophorone	7.716	82	638923	50.864	ng	99
26) 2-Nitrophenol	7.792	139	129445	55.517	ng	99
27) 2,4-Dimethylphenol	7.828	122	238661	59.916	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	358945	48.905	ng	99
29) 2,4-Dichlorophenol	8.033	162	249332	50.244	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	263564	45.359	ng	99
31) Naphthalene	8.204	128	831553	47.651	ng	100
32) Benzoic acid	7.945	122	161630	48.600	ng	98
33) 4-Chloroaniline	8.245	127	230729	38.606	ng	99
34) Hexachlorobutadiene	8.316	225	179734	47.351	ng	99
35) Caprolactam	8.616	113	76185m	48.424	ng	
36) 4-Chloro-3-methylphenol	8.722	107	276292	50.285	ng	98
37) 2-Methylnaphthalene	8.892	142	549969	49.134	ng	100
38) 1-Methylnaphthalene	8.992	142	509024	47.119	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	270965	51.550	ng	97
41) Hexachlorocyclopentadiene	9.045	237	364123	178.405	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	192811	53.802	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	181857	49.438	ng	99
46) 1,1'-Biphenyl	9.357	154	680643	51.225	ng	99
47) 2-Chloronaphthalene	9.380	162	531886	49.265	ng	100
48) 2-Nitroaniline	9.475	65	176140	55.871	ng	99
49) Acenaphthylene	9.798	152	830700	53.711	ng	100
50) Dimethylphthalate	9.657	163	641240	53.548	ng	100
51) 2,6-Dinitrotoluene	9.716	165	130844	53.865	ng	97
52) Acenaphthene	9.969	154	578384	56.614	ng	99
53) 3-Nitroaniline	9.886	138	100612	41.972	ng	# 98
54) 2,4-Dinitrophenol	9.992	184	115287	97.235	ng	# 50
55) Dibenzofuran	10.139	168	757882	51.074	ng	99
56) 4-Nitrophenol	10.039	139	200254	110.631	ng	99
57) 2,4-Dinitrotoluene	10.122	165	168138	54.931	ng	96
58) Fluorene	10.486	166	585052	49.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	163881	55.487	ng	99
60) Diethylphthalate	10.357	149	610120	51.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	296965	50.140	ng	99
62) 4-Nitroaniline	10.498	138	123012	49.889	ng	98
63) Azobenzene	10.639	77	675159	51.204	ng	99
65) 4,6-Dinitro-2-methylph...	10.521	198	76116	60.322	ng	99
66) n-Nitrosodiphenylamine	10.592	169	514960	54.073	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	184214	54.014	ng	98
68) Hexachlorobenzene	11.027	284	189045	51.668	ng	100
69) Atrazine	11.121	200	165867	57.028	ng	99
70) Pentachlorophenol	11.221	266	229182	98.058	ng	98
71) Phenanthrene	11.445	178	815000	49.819	ng	100
72) Anthracene	11.498	178	826733	51.675	ng	100
73) Carbazole	11.651	167	659819	44.166	ng	100
74) Di-n-butylphthalate	11.986	149	828397	47.822	ng	100
75) Fluoranthene	12.633	202	697893	39.969	ng	99
77) Benzidine	12.751	184	344691	110.942	ng	100
78) Pyrene	12.857	202	670817	53.442	ng	100
80) Butylbenzylphthalate	13.480	149	231692	53.354	ng	97
81) Benzo(a)anthracene	14.045	228	494228	49.985	ng	99
82) 3,3'-Dichlorobenzidine	14.009	252	141325	51.135	ng	99
83) Chrysene	14.080	228	473045	52.783	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	286423	49.752	ng	99
85) Di-n-octyl phthalate	14.662	149	505579	62.571	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	635841	55.911	ng	99
88) Benzo(b)fluoranthene	15.104	252	564433	44.556	ng	99
89) Benzo(k)fluoranthene	15.133	252	506016	47.959	ng	99
90) Benzo(a)pyrene	15.474	252	528916	52.839	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	525212	56.260	ng	99
92) Benzo(g,h,i)perylene	17.468	276	457380	43.181	ng	98

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

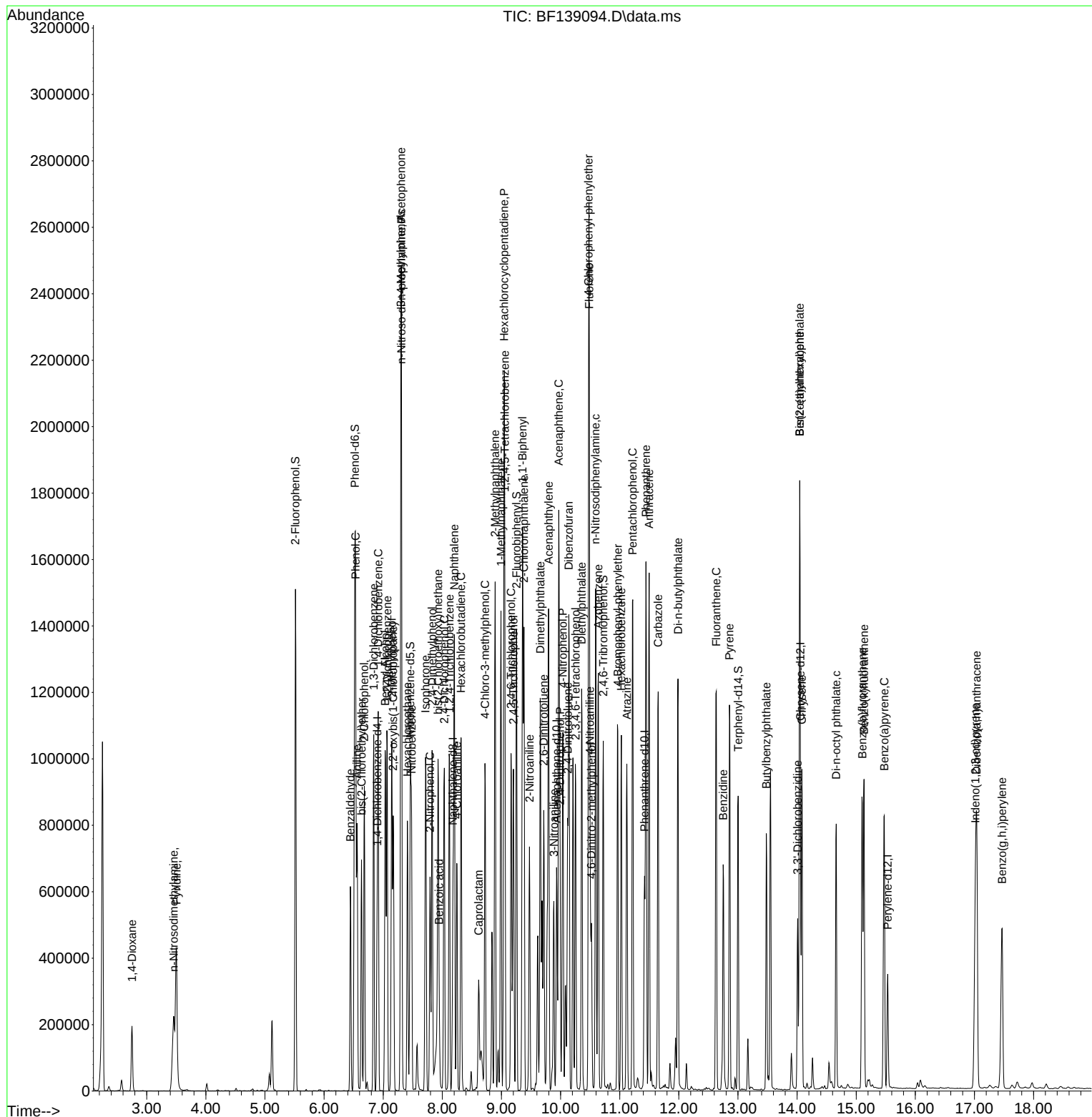
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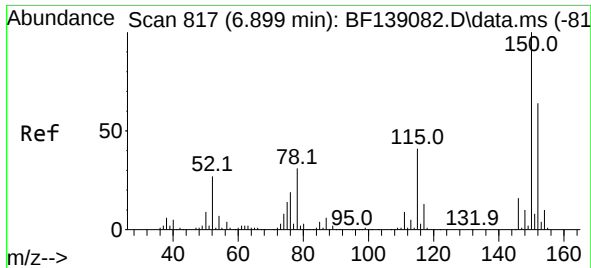
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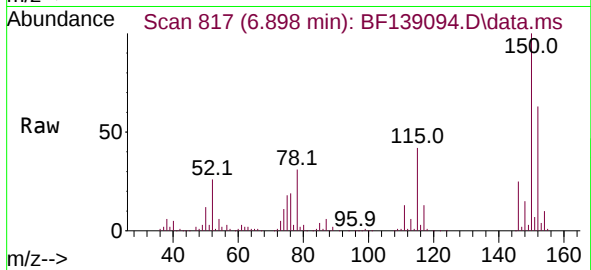
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

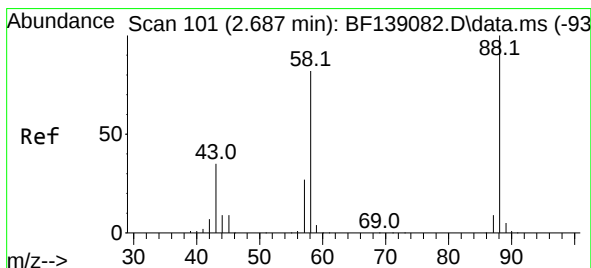
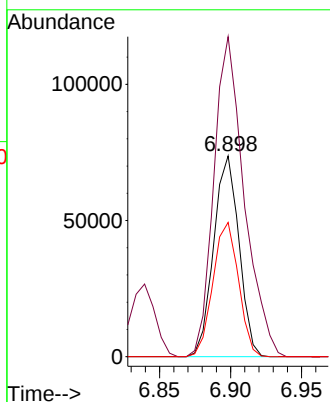
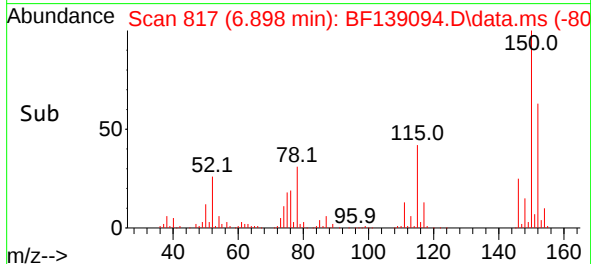
Instrument :
BNA_F
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914-J-SD-0-1-081624MS



Tgt Ion:152 Resp: 91245
Ion Ratio Lower Upper
152 100
150 159.4 125.1 187.7
115 66.9 51.8 77.6

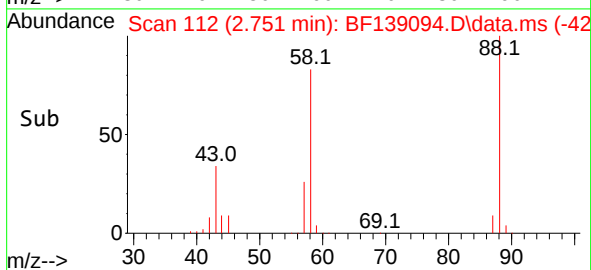
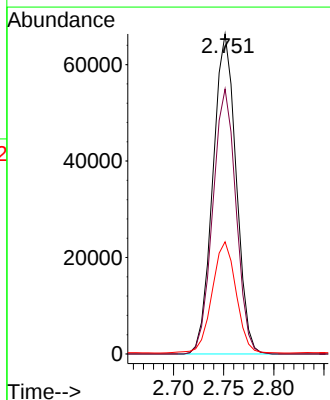
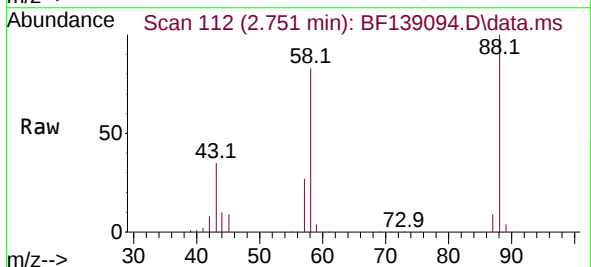
Manual Integrations
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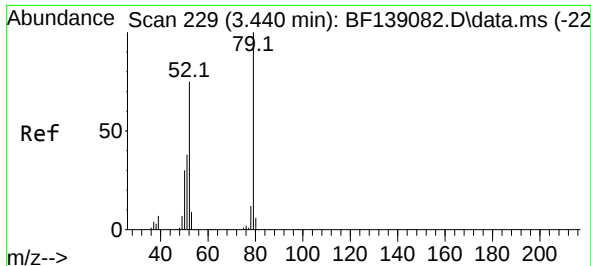
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#2
1,4-Dioxane
Concen: 42.007 ng
RT: 2.751 min Scan# 112
Delta R.T. 0.064 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion: 88 Resp: 106856
Ion Ratio Lower Upper
88 100
58 82.8 65.4 98.0
43 35.8 27.9 41.9





#3

Pyridine

Concen: 44.403 ng

RT: 3.504 min Scan# 240

Delta R.T. 0.064 min

Lab File: BF139094.D

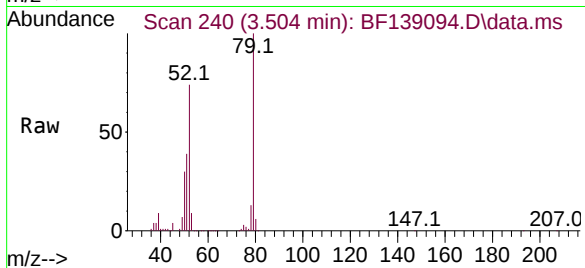
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



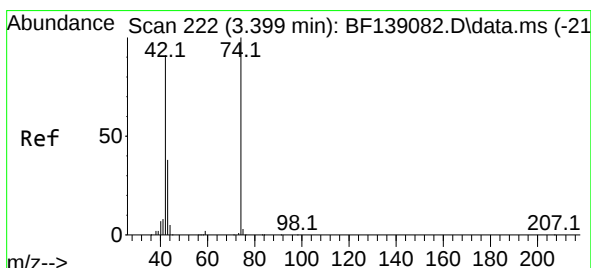
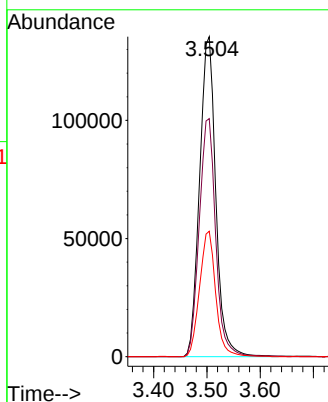
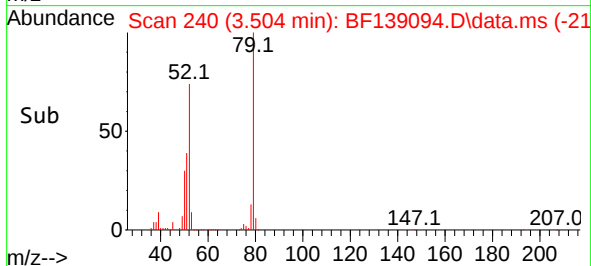
Tgt Ion	Ratio	Lower	Upper
79	100		
52	74.4	59.7	89.5
51	39.2	30.6	45.8

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#4

n-Nitrosodimethylamine

Concen: 45.700 ng

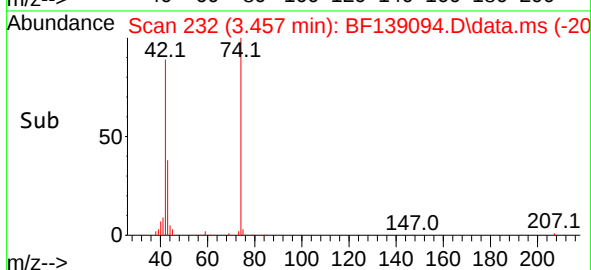
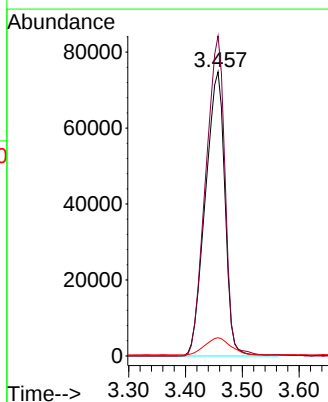
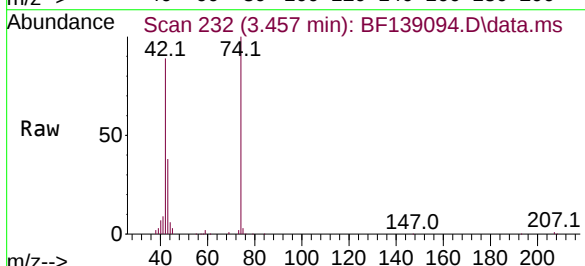
RT: 3.457 min Scan# 232

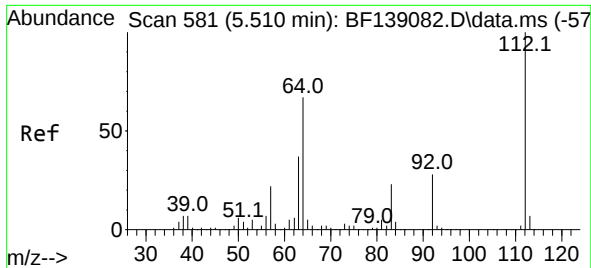
Delta R.T. 0.058 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

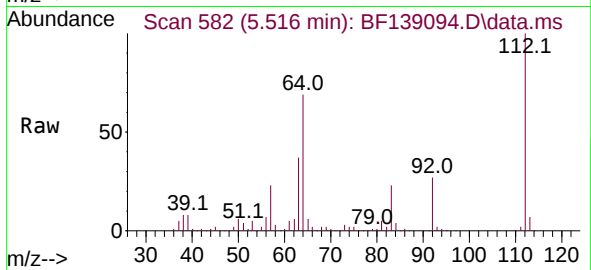
Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.6	88.2	132.2
44	6.4	5.4	8.0





#5
2-Fluorophenol
Concen: 86.085 ng
RT: 5.516 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

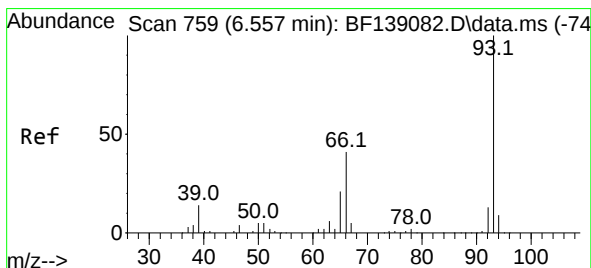
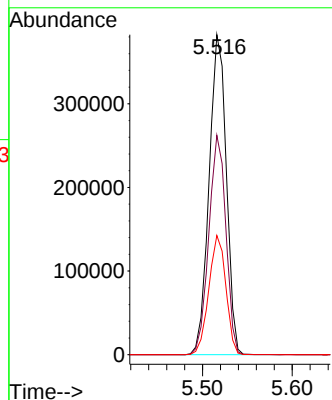
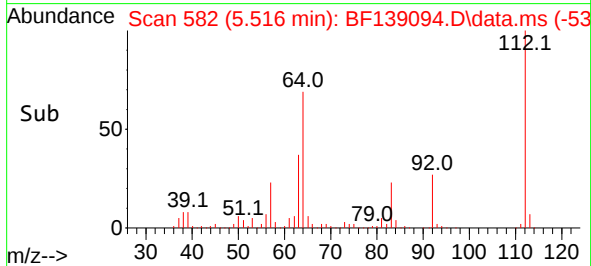
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 51054
Ion Ratio Lower Upper
112 100
64 68.5 53.8 80.6
63 37.2 29.4 44.2

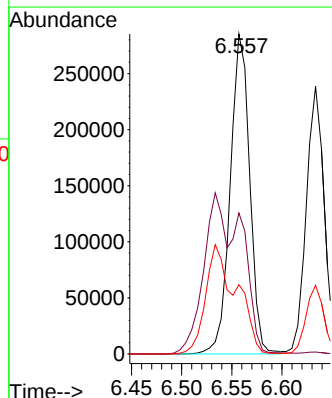
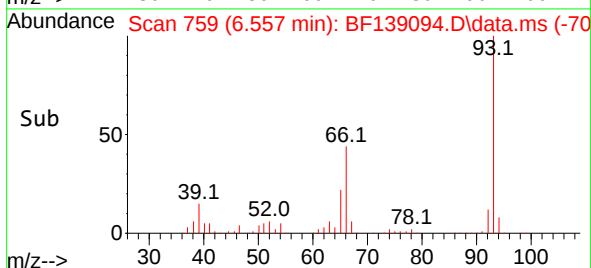
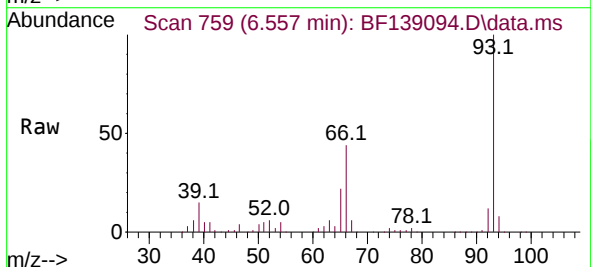
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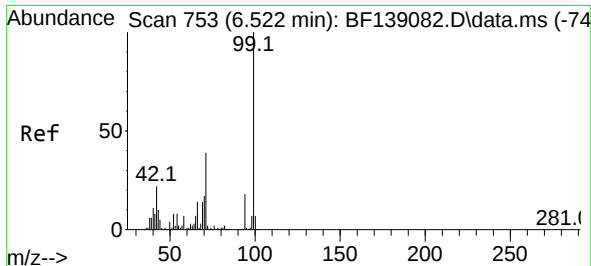
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#6
Aniline
Concen: 55.861 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

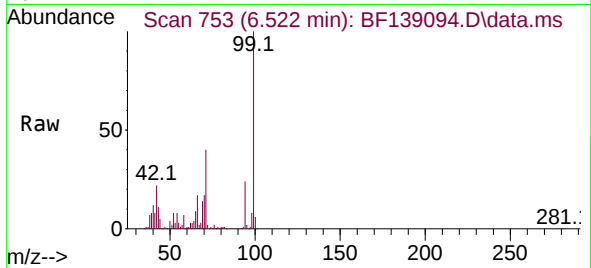
Tgt Ion: 93 Resp: 386446
Ion Ratio Lower Upper
93 100
66 44.0 35.1 52.7
65 21.7 17.4 26.2





#7
Phenol-d6
Concen: 88.360 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF139094.D
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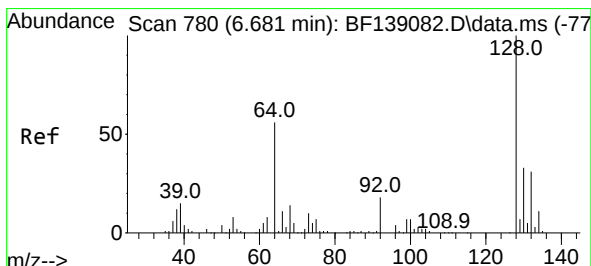
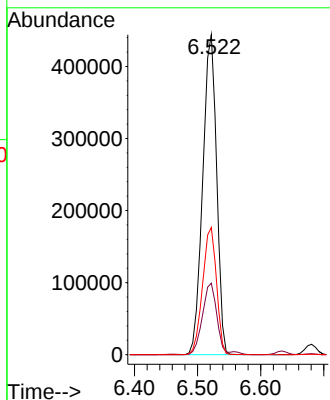
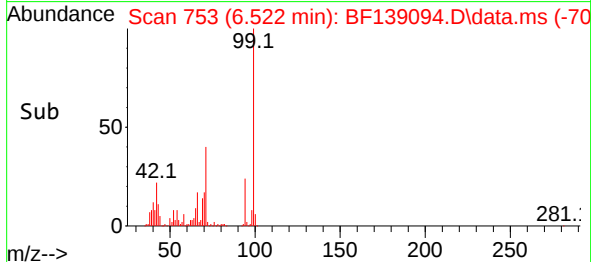
Instrument :
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Tgt Ion: 99 Resp: 67712
Ion Ratio Lower Upper
99 100
42 22.3 17.4 26.2
71 39.8 31.2 46.8

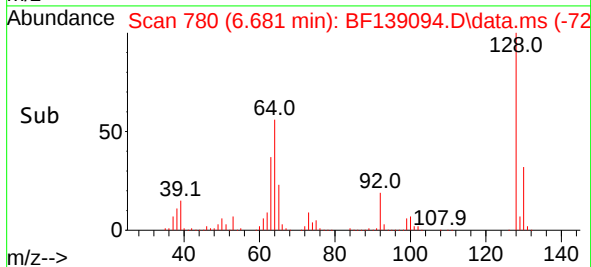
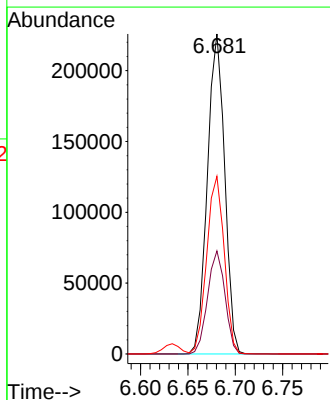
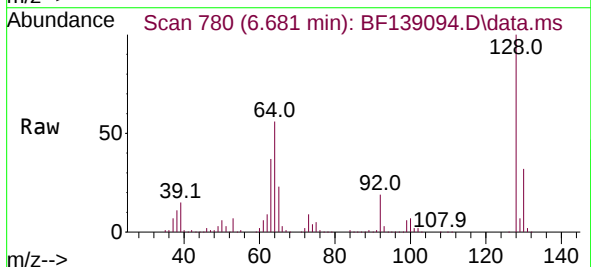
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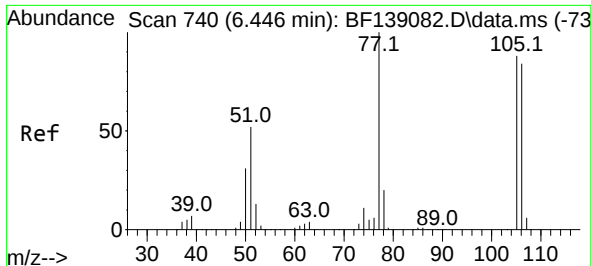
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#8
2-Chlorophenol
Concen: 50.198 ng
RT: 6.681 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

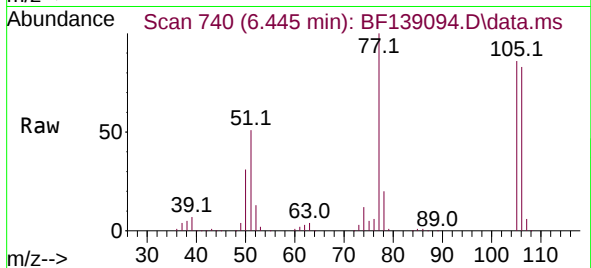
Tgt Ion:128 Resp: 286349
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 55.5 39.1 79.1





#9
Benzaldehyde
Concen: 37.201 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

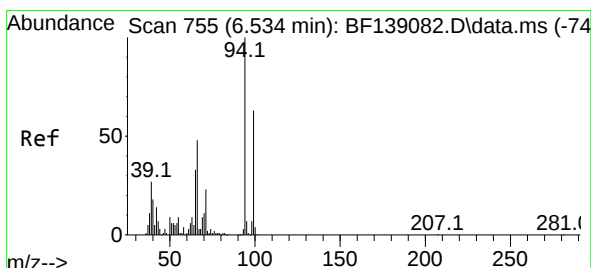
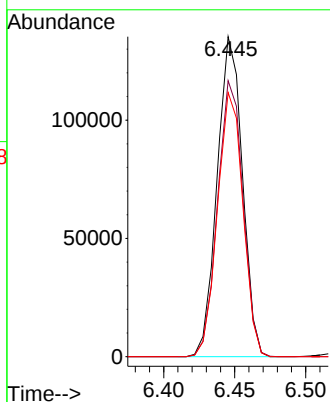
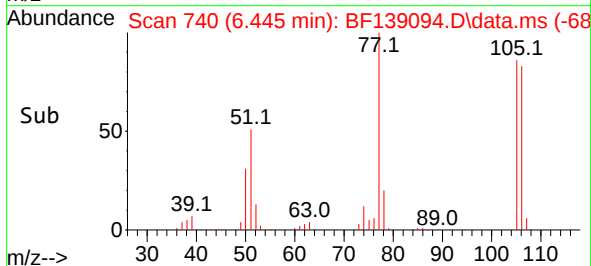
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ClientSampleId :
914-J-SD-0-1-081624MS



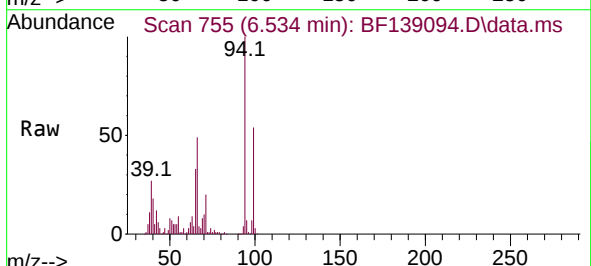
Tgt Ion: 77 Resp: 167190
Ion Ratio Lower Upper
77 100
105 86.3 68.2 108.2
106 82.6 63.8 103.8

Manual Integrations
APPROVED

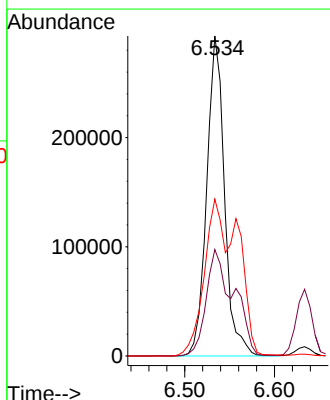
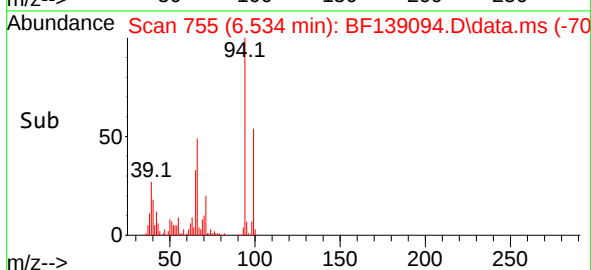
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

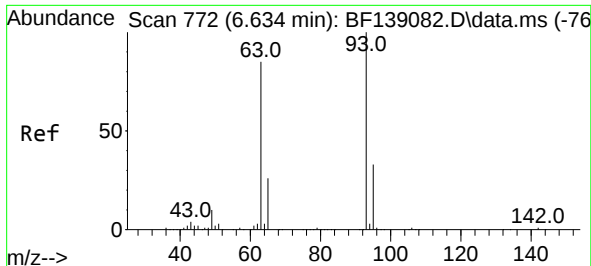


#10
Phenol
Concen: 50.549 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



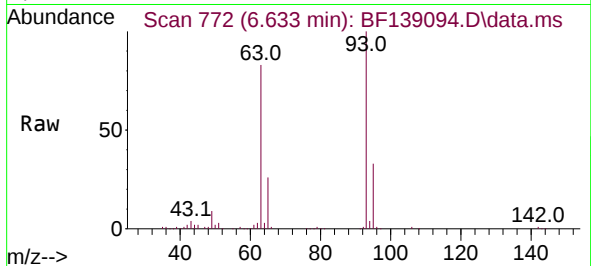
Tgt Ion: 94 Resp: 403056
Ion Ratio Lower Upper
94 100
65 33.2 13.5 53.5
66 49.0 28.5 68.5





#11
bis(2-Chloroethyl)ether
Concen: 44.994 ng
RT: 6.633 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

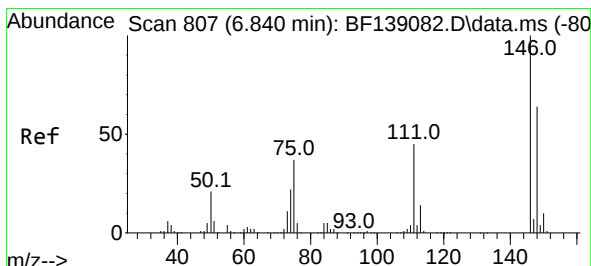
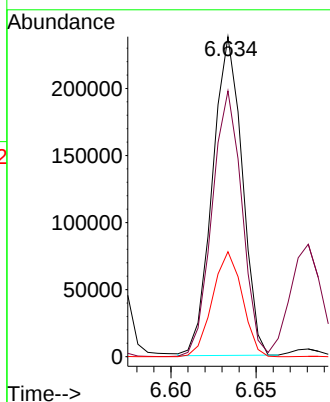
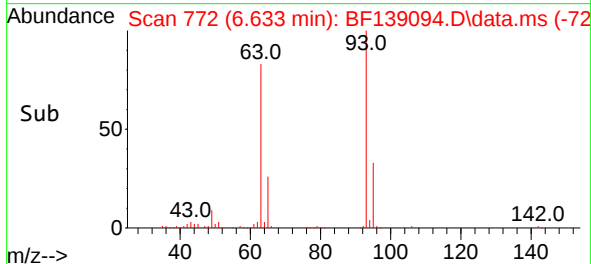
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion: 93 Resp: 28851
Ion Ratio Lower Upper
93 100
63 83.0 62.7 102.7
95 32.8 11.9 51.9

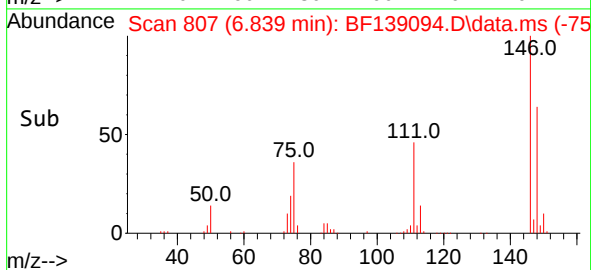
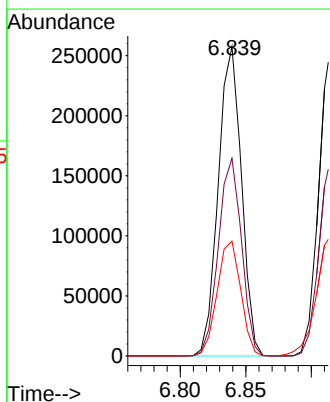
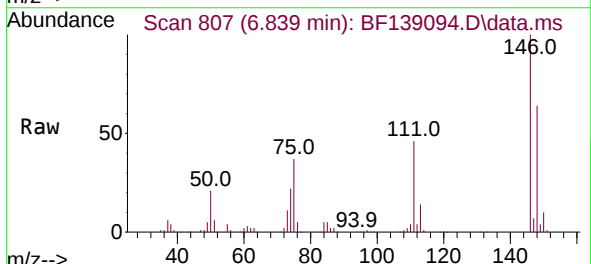
Manual Integrations
APPROVED

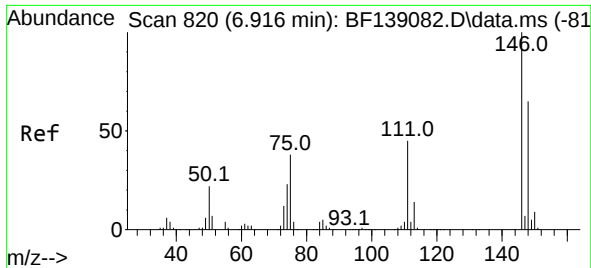
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#12
1,3-Dichlorobenzene
Concen: 46.117 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

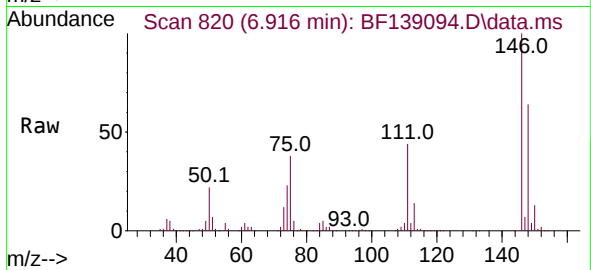
Tgt Ion:146 Resp: 316293
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
75 37.1 29.9 44.9





#13
1,4-Dichlorobenzene
Concen: 46.610 ng
RT: 6.916 min Scan# 820
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

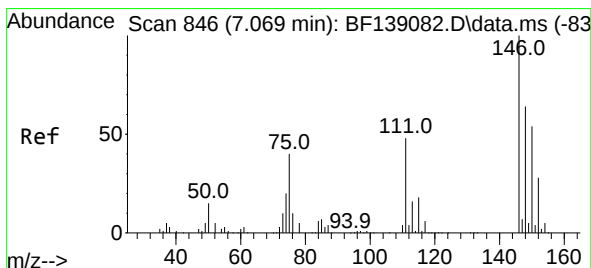
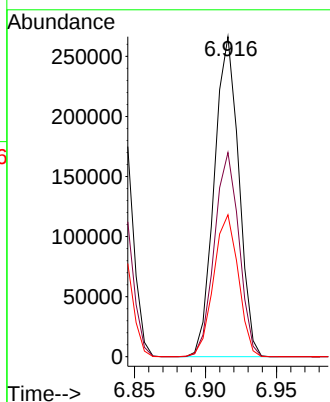
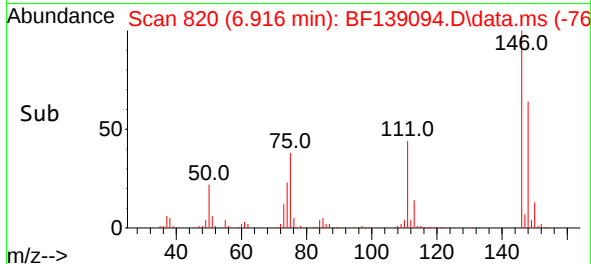
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



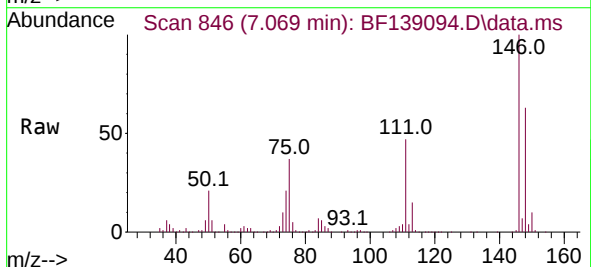
Tgt Ion:146 Resp: 319619
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 44.4 35.8 53.6

Manual Integrations
APPROVED

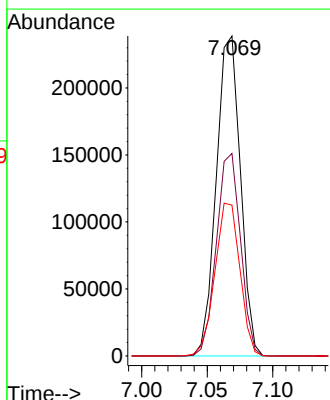
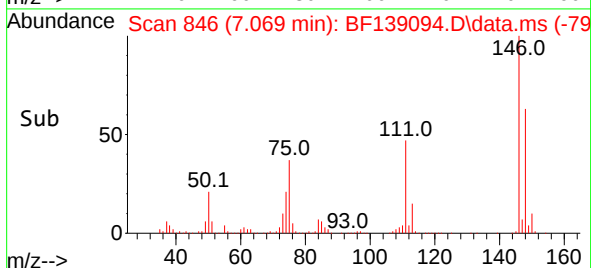
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

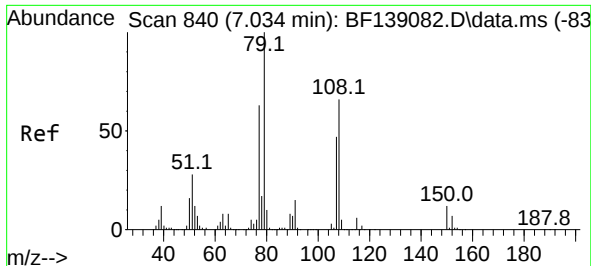


#14
1,2-Dichlorobenzene
Concen: 48.778 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



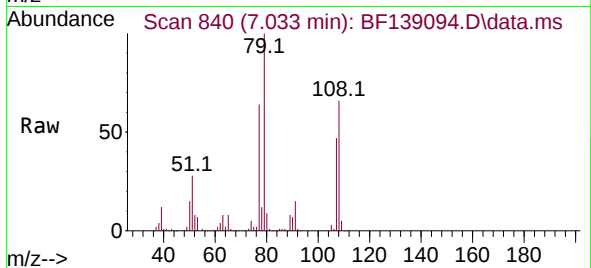
Tgt Ion:146 Resp: 305701
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.2
111 47.2 38.1 57.1





#15
Benzyl Alcohol
Concen: 51.504 ng
RT: 7.033 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

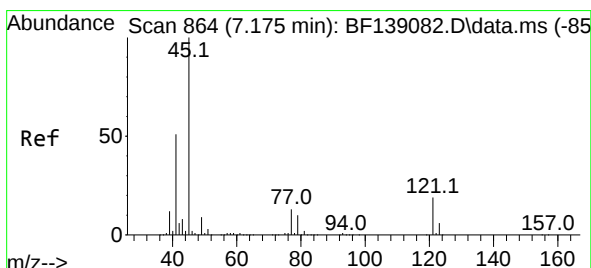
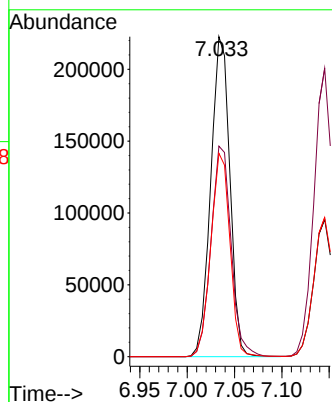
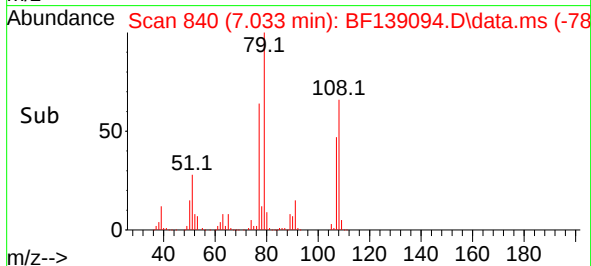
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion: 79 Resp: 311944
Ion Ratio Lower Upper
79 100
108 65.8 52.8 79.2
77 63.6 50.6 76.0

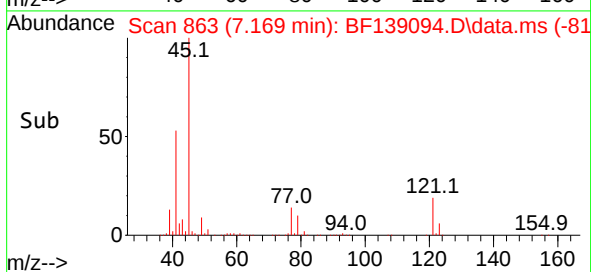
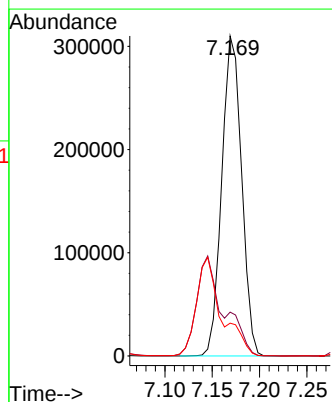
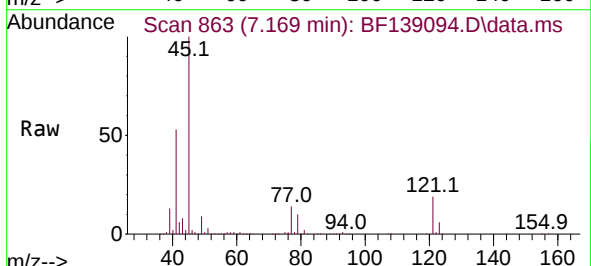
Manual Integrations
APPROVED

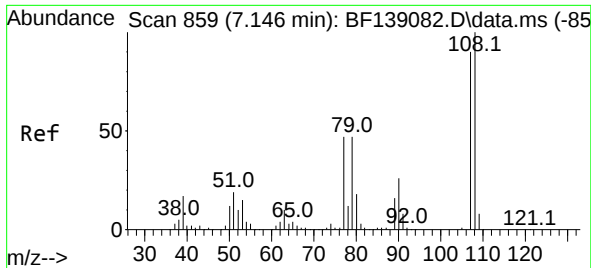
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.027 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

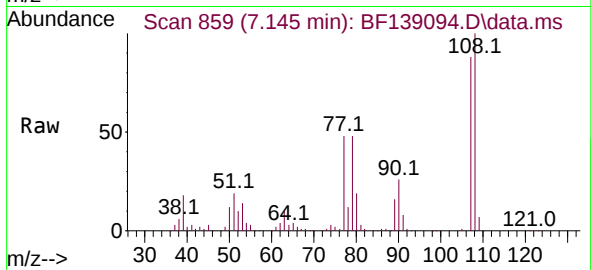
Tgt Ion: 45 Resp: 451881
Ion Ratio Lower Upper
45 100
77 13.7 0.0 33.7
79 10.2 0.0 30.4





#17
2-Methylphenol
Concen: 49.517 ng
RT: 7.145 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

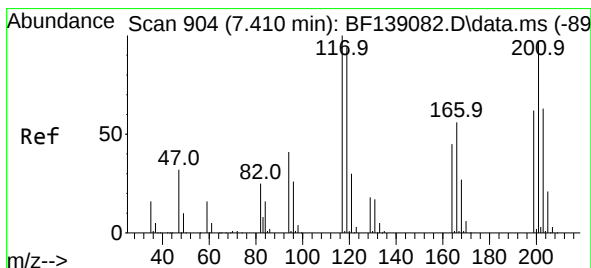
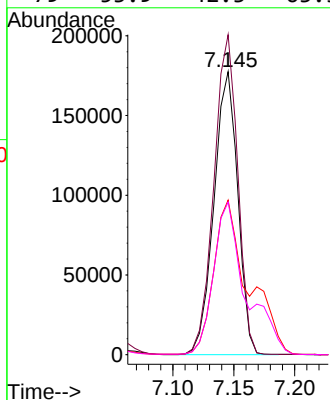
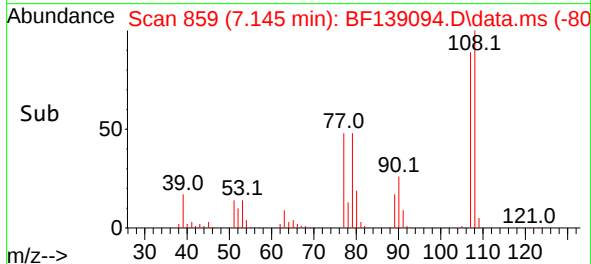
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



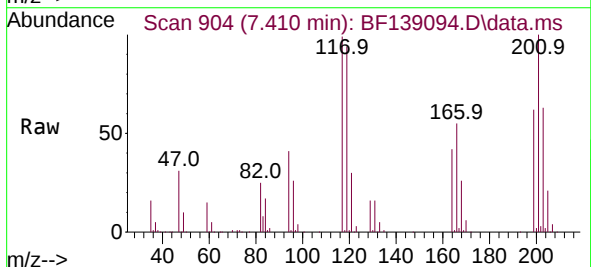
Tgt Ion:107 Resp: 24164
Ion Ratio Lower Upper
107 100
108 113.0 89.1 133.7
77 54.6 42.1 63.1
79 53.9 42.3 63.5

Manual Integrations
APPROVED

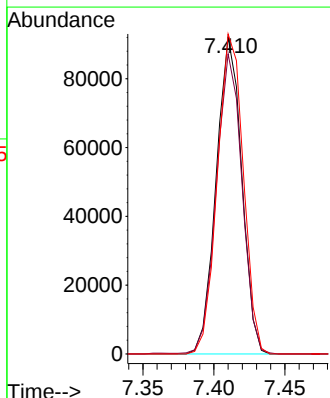
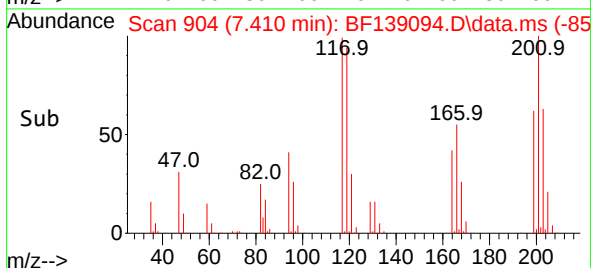
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

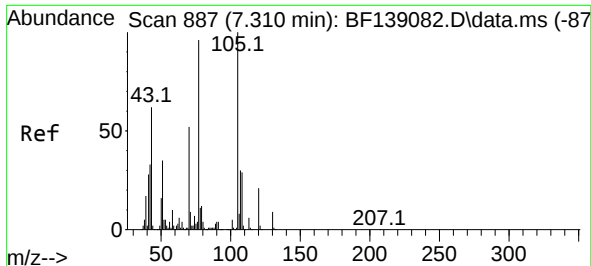


#18
Hexachloroethane
Concen: 47.748 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



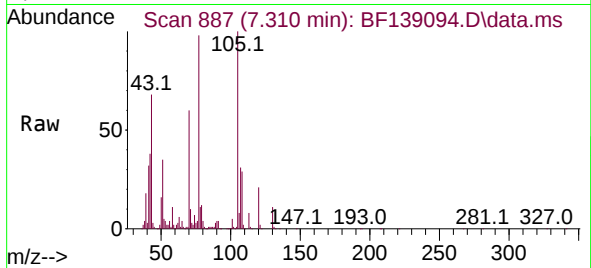
Tgt Ion:117 Resp: 114815
Ion Ratio Lower Upper
117 100
119 94.7 75.5 113.3
201 100.9 77.8 116.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.670 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

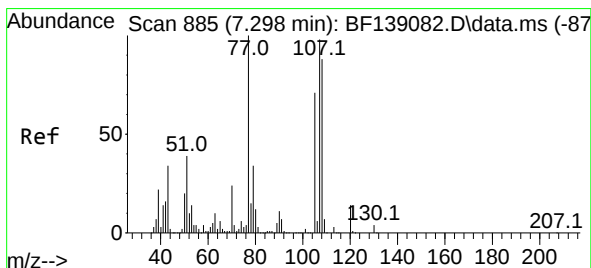
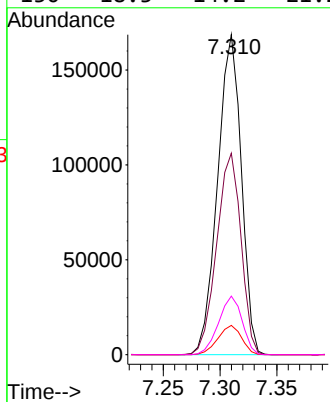
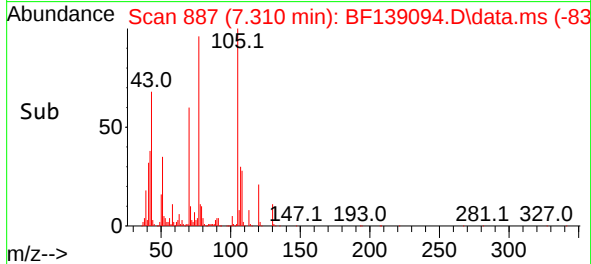
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



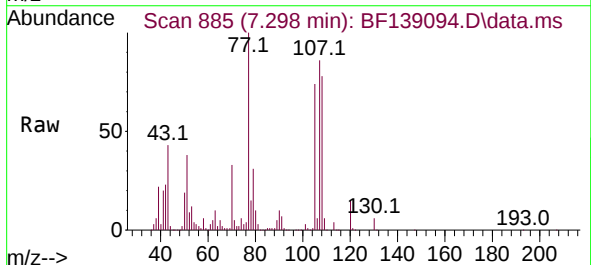
Tgt Ion: 70 Resp: 244928
Ion Ratio Lower Upper
70 100
42 62.9 50.5 75.7
101 9.1 7.2 10.8
130 18.3 14.2 21.2

Manual Integrations
APPROVED

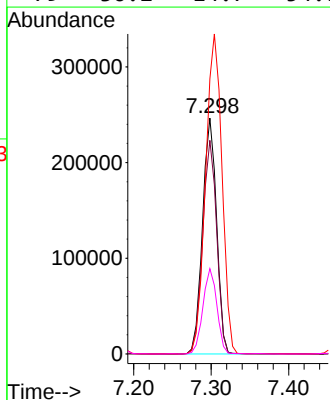
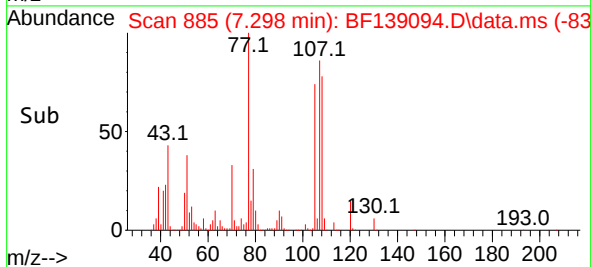
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

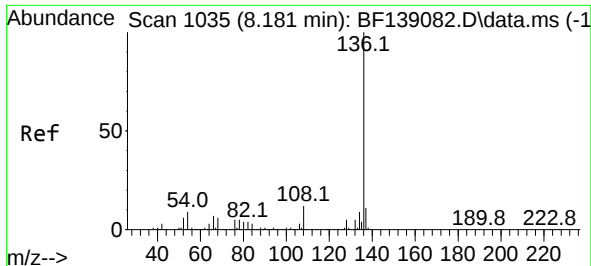


#20
3+4-Methylphenols
Concen: 49.125 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



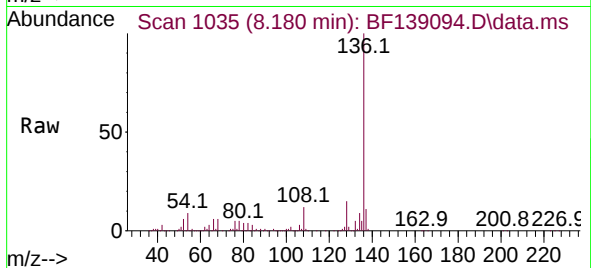
Tgt Ion:107 Resp: 310610
Ion Ratio Lower Upper
107 100
108 90.6 70.2 110.2
77 116.6 82.7 122.7
79 36.2 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

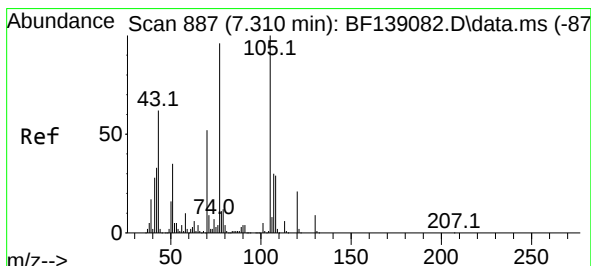
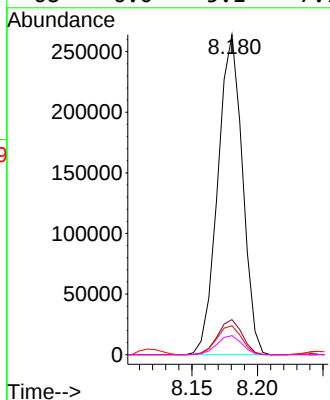
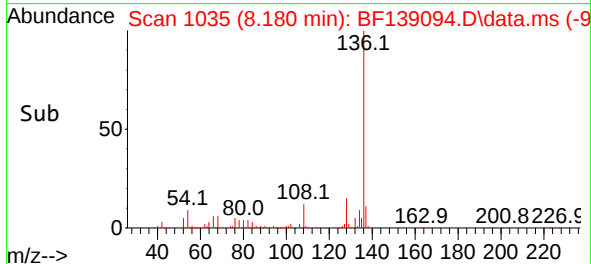
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:136 Resp: 344368
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.1 7.6 11.4
68 6.0 5.1 7.7

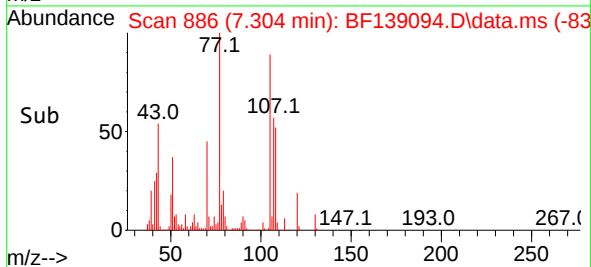
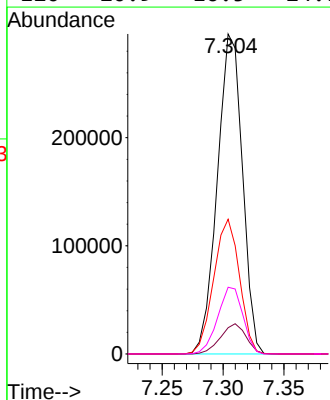
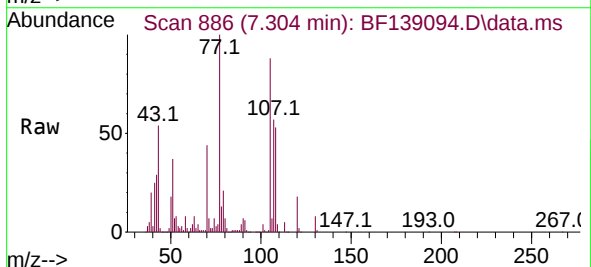
Manual Integrations
APPROVED

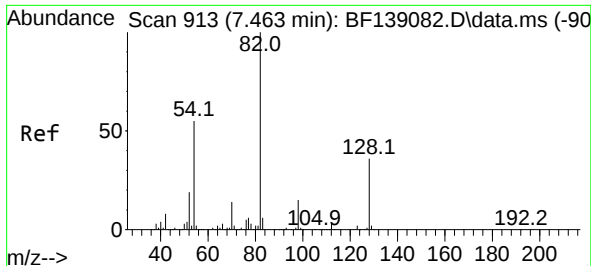
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#22
Acetophenone
Concen: 48.326 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:105 Resp: 424923
Ion Ratio Lower Upper
105 100
71 8.2 7.0 10.6
51 42.1 28.0 42.0#
120 20.9 16.5 24.7





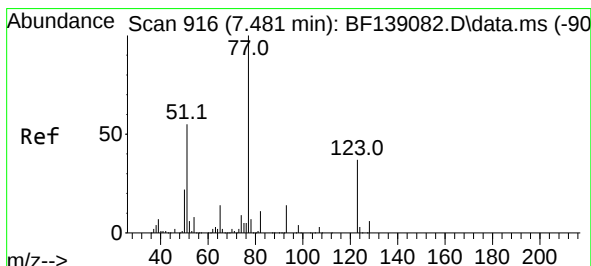
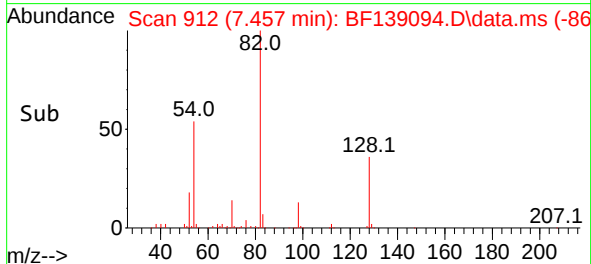
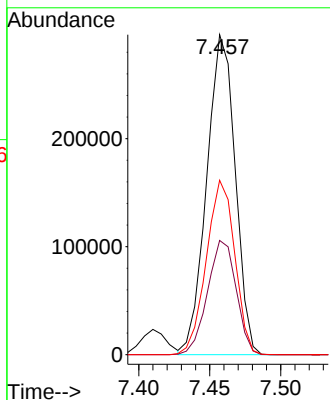
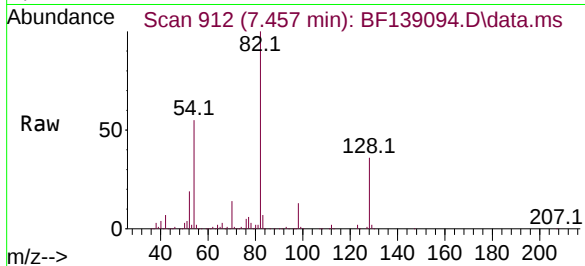
#23
Nitrobenzene-d5
Concen: 70.072 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

Tgt Ion: 82 Resp: 414119
Ion Ratio Lower Upper
82 100
128 35.7 29.0 43.4
54 54.5 43.4 65.2

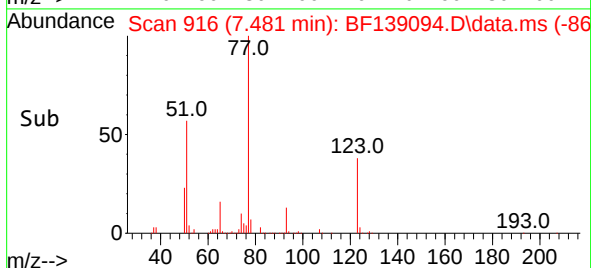
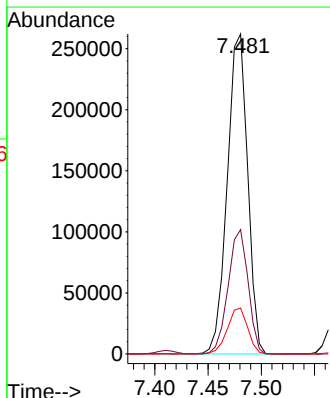
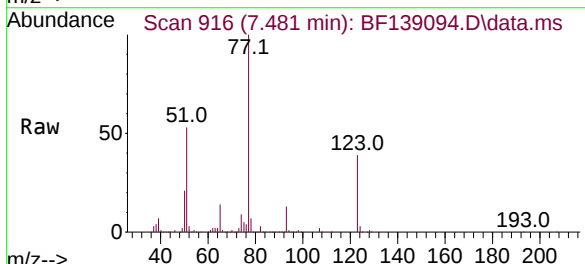
Manual Integrations
APPROVED

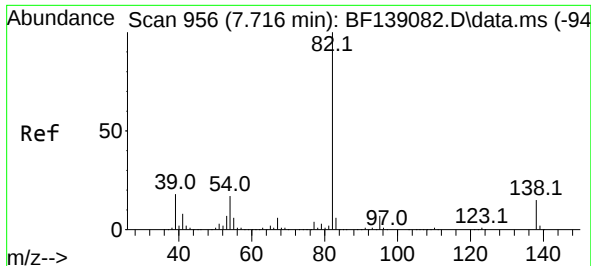
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#24
Nitrobenzene
Concen: 53.095 ng
RT: 7.481 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

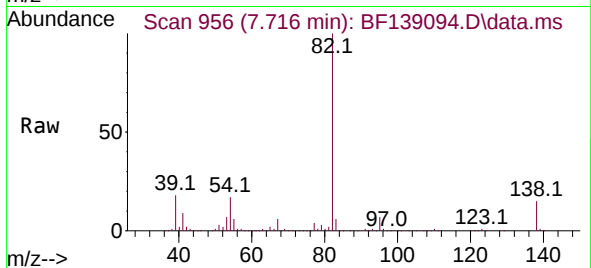
Tgt Ion: 77 Resp: 348783
Ion Ratio Lower Upper
77 100
123 38.9 30.3 45.5
65 14.3 11.3 16.9





#25
Isophorone
Concen: 50.864 ng
RT: 7.716 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

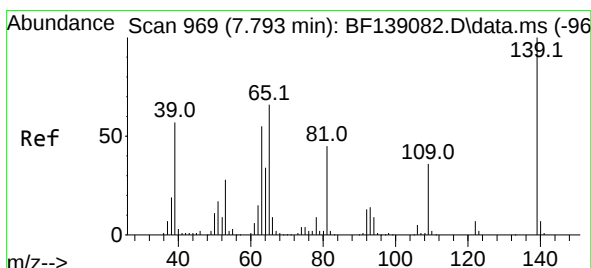
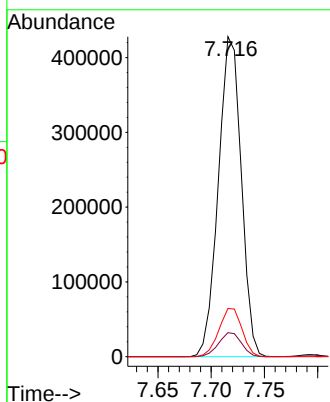
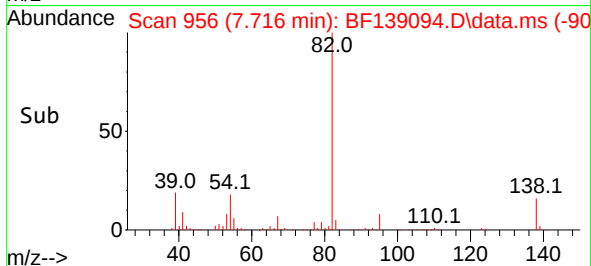
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion: 82 Resp: 63892
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 15.1 11.8 17.8

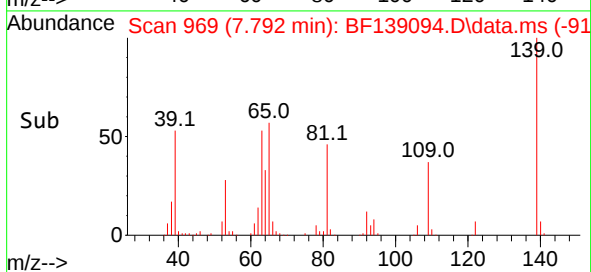
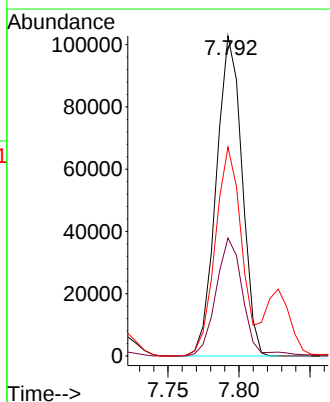
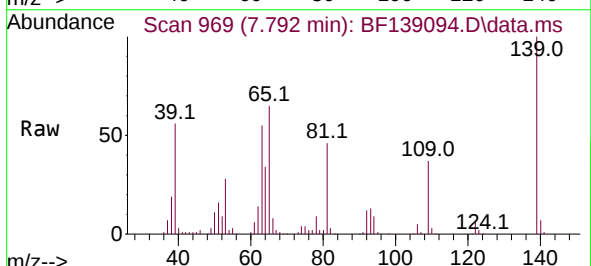
Manual Integrations
APPROVED

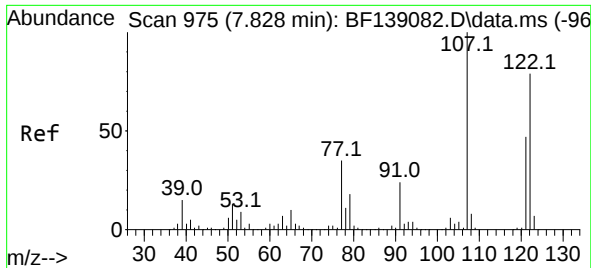
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#26
2-Nitrophenol
Concen: 55.517 ng
RT: 7.792 min Scan# 969
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:139 Resp: 129445
Ion Ratio Lower Upper
139 100
109 36.8 29.2 43.8
65 65.3 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 59.916 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139094.D

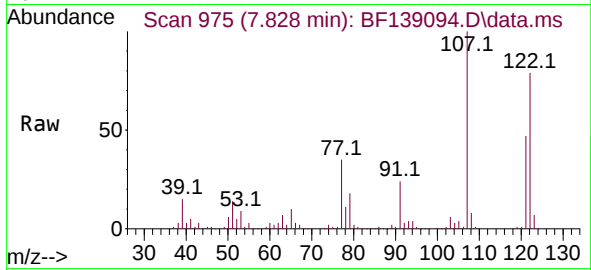
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



Tgt Ion:122 Resp: 23866

Ion Ratio Lower Upper

122 100

107 126.5 101.1 151.7

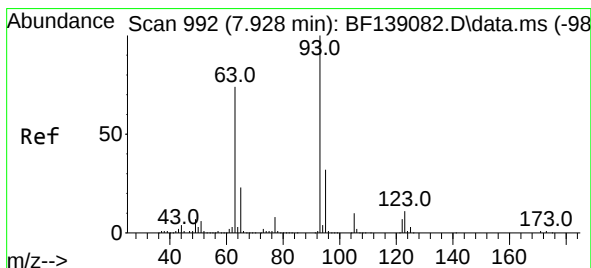
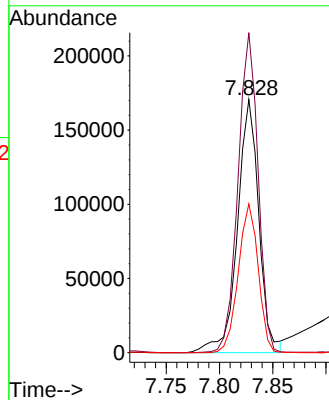
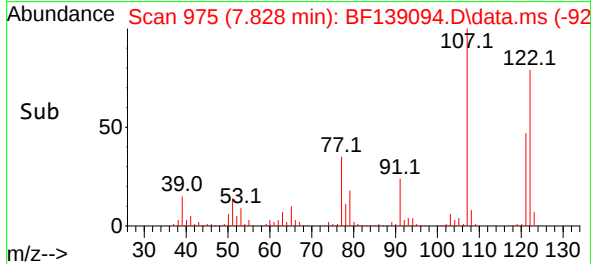
121 58.8 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#28

bis(2-Chloroethoxy)methane

Concen: 48.905 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

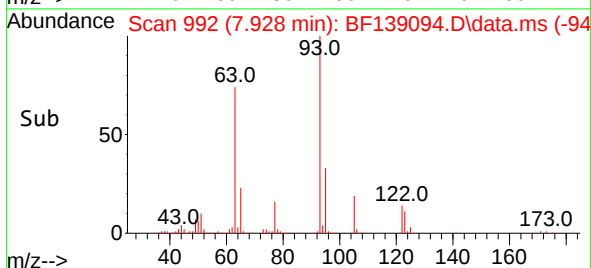
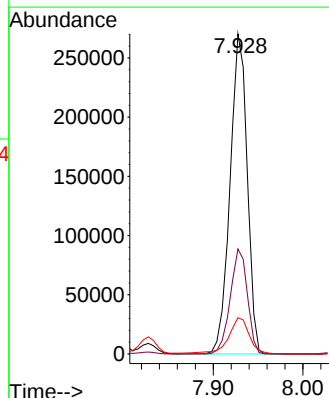
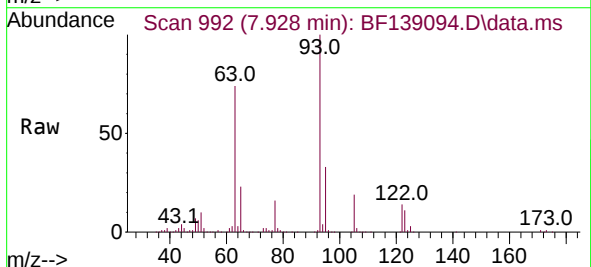
Tgt Ion: 93 Resp: 358945

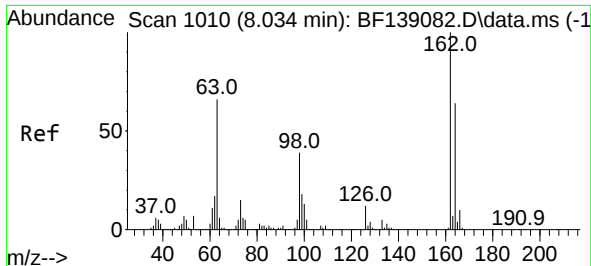
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.244 ng

RT: 8.033 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139094.D

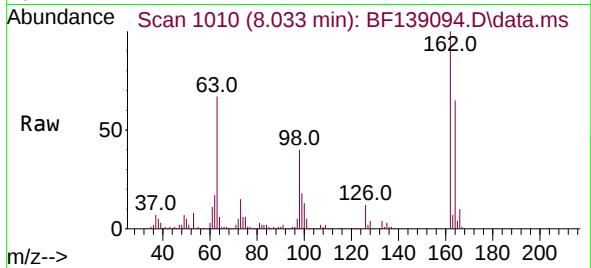
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



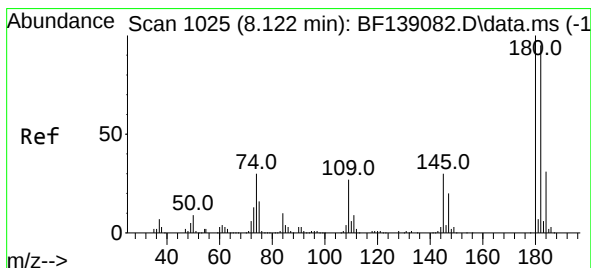
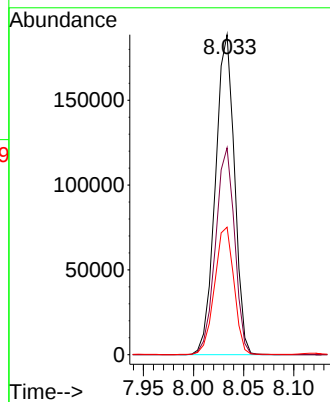
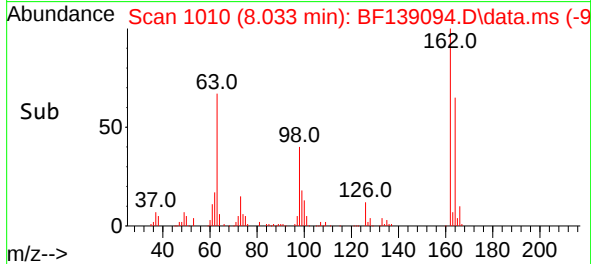
Tgt Ion:162	Resp:	24933
Ion Ratio	Lower	Upper
162	100	
164	64.6	43.9 83.9
98	39.8	19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.359 ng

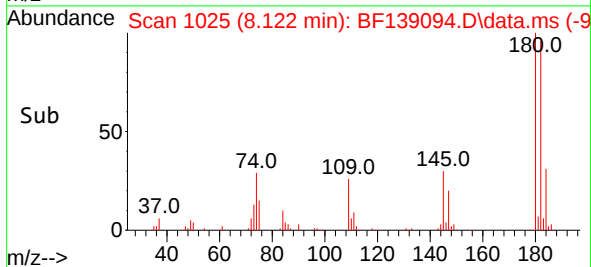
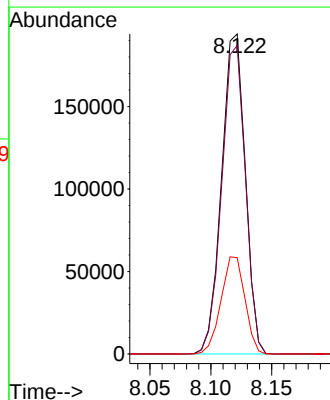
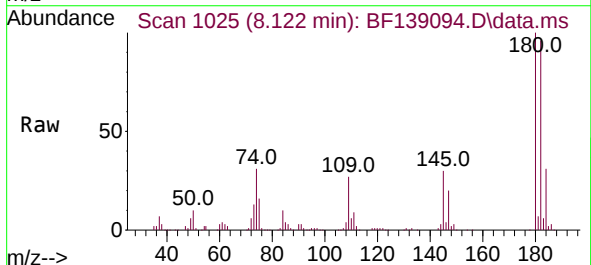
RT: 8.122 min Scan# 1025

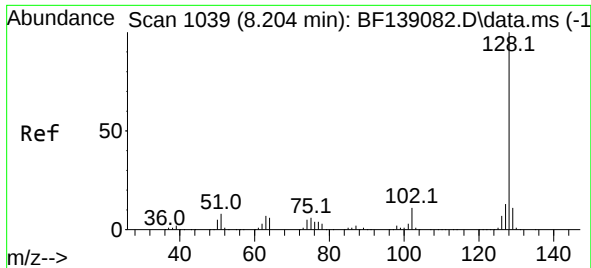
Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

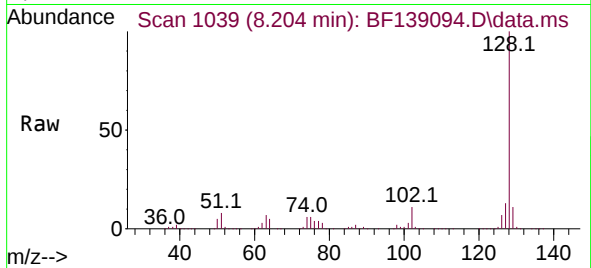
Tgt Ion:180	Resp:	263564
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.1 114.1
145	30.1	23.9 35.9





#31
Naphthalene
Concen: 47.651 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

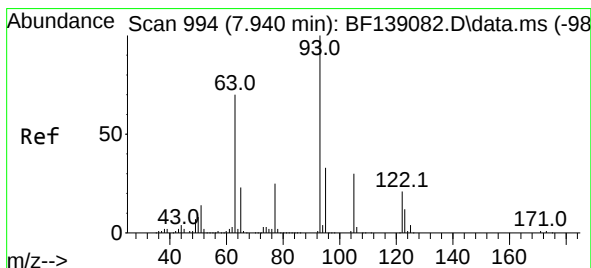
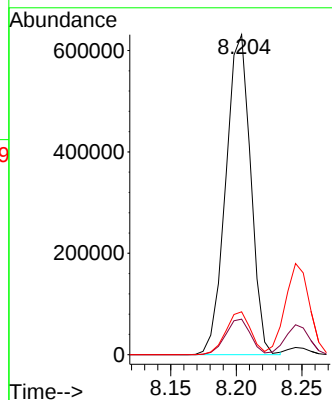
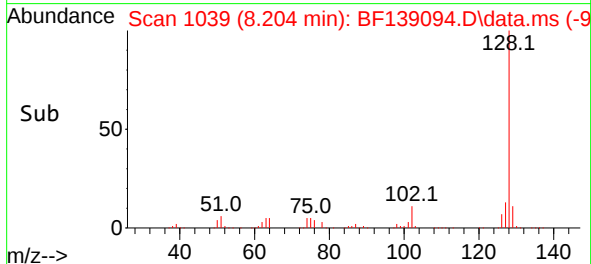
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:128 Resp: 83155
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1

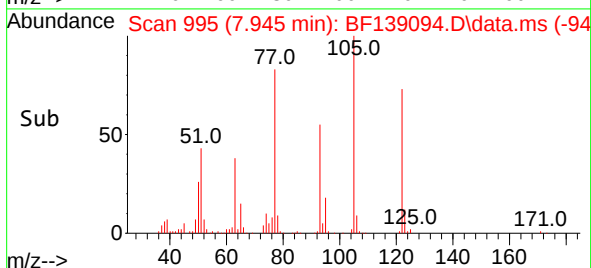
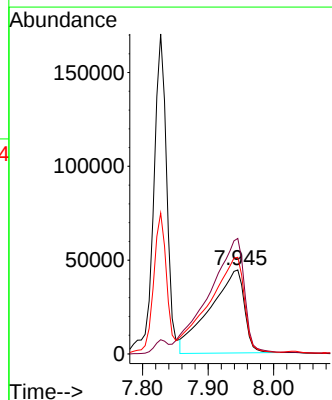
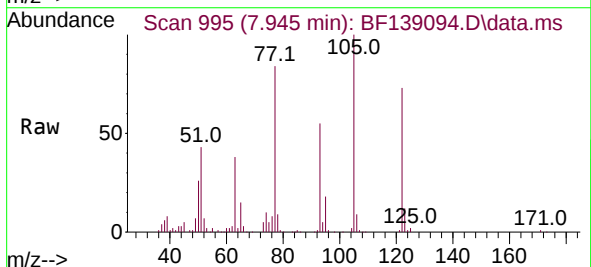
Manual Integrations
APPROVED

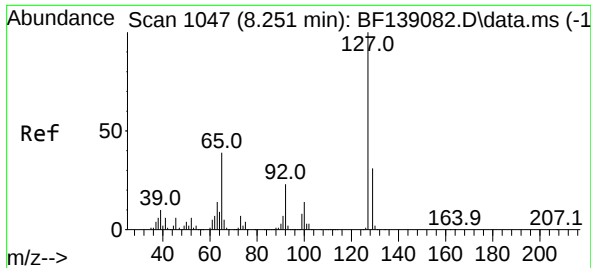
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#32
Benzoic acid
Concen: 48.600 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

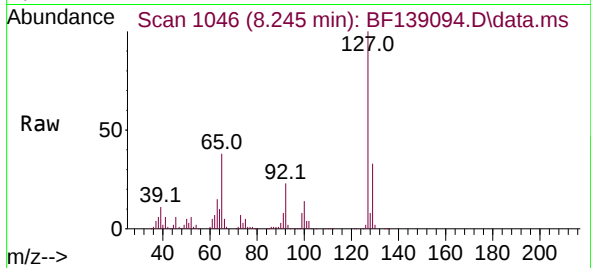
Tgt Ion:122 Resp: 161630
Ion Ratio Lower Upper
122 100
105 137.4 119.6 159.6
77 115.0 97.6 137.6





#33
4-Chloroaniline
Concen: 38.606 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

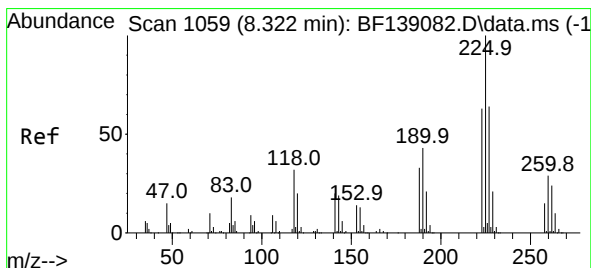
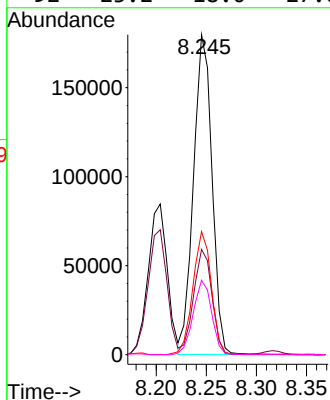
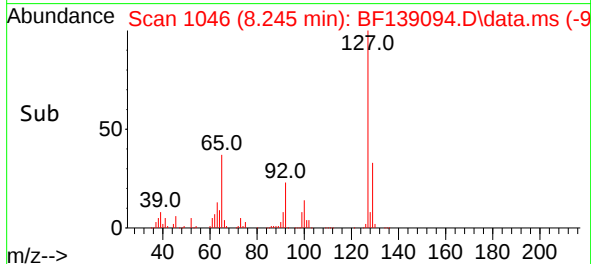
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:127 Resp: 230729
Ion Ratio Lower Upper
127 100
129 32.9 26.0 39.0
65 38.4 30.3 45.5
92 23.2 18.0 27.0

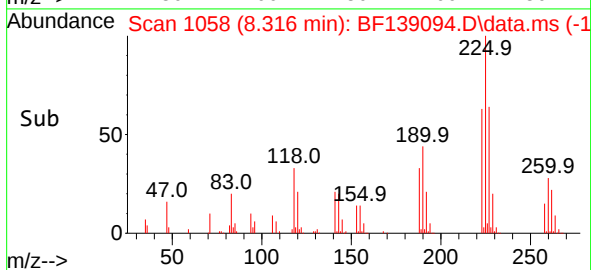
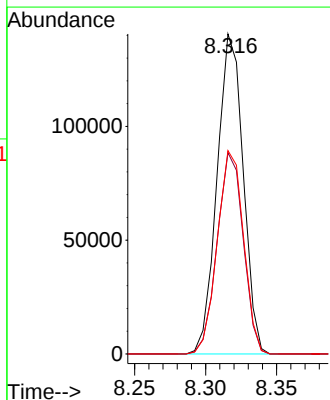
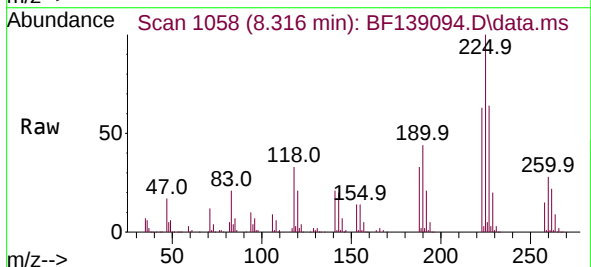
Manual Integrations
APPROVED

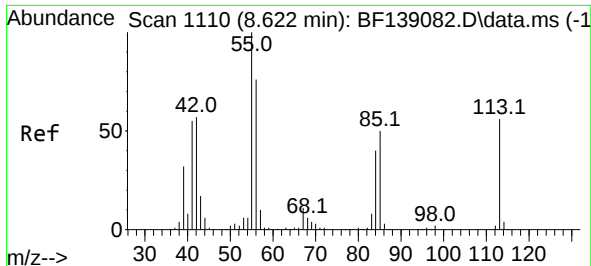
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#34
Hexachlorobutadiene
Concen: 47.351 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

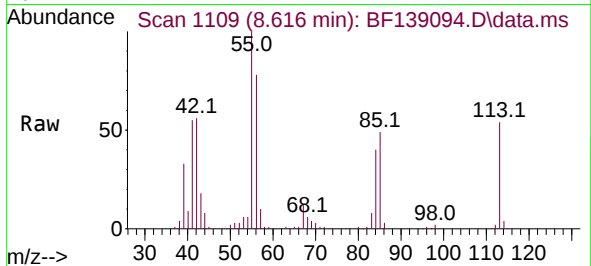
Tgt Ion:225 Resp: 179734
Ion Ratio Lower Upper
225 100
223 62.9 50.0 75.0
227 63.5 51.4 77.2





#35
Caprolactam
Concen: 48.424 ng m
RT: 8.616 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

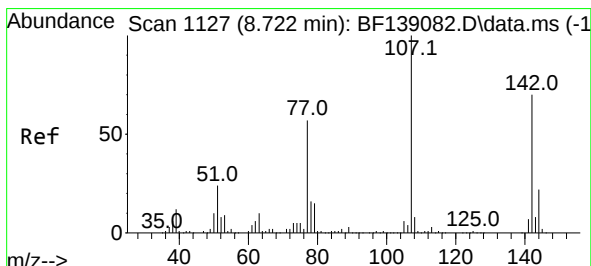
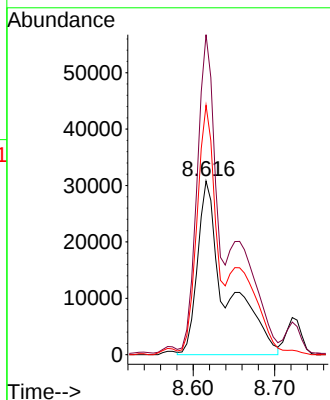
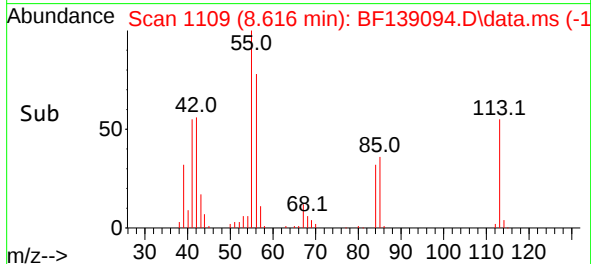
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:113 Resp: 7618
Ion Ratio Lower Upper
113 100
55 184.3 158.6 198.6
56 143.6 115.9 155.9

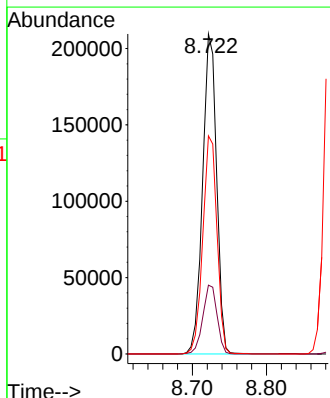
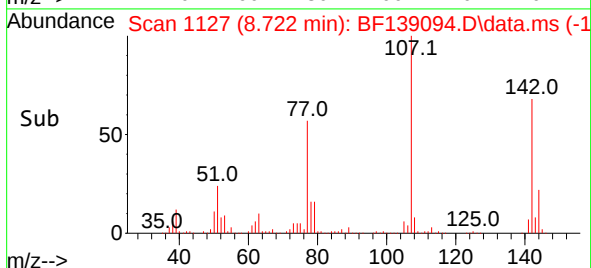
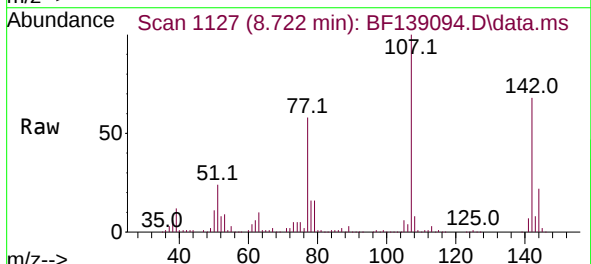
Manual Integrations
APPROVED

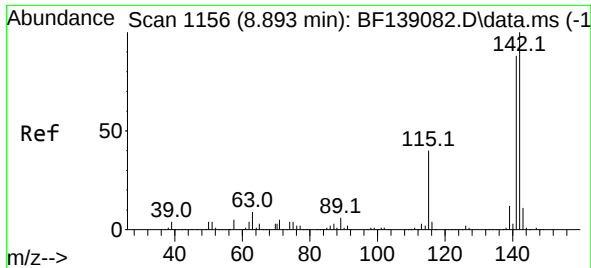
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#36
4-Chloro-3-methylphenol
Concen: 50.285 ng
RT: 8.722 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

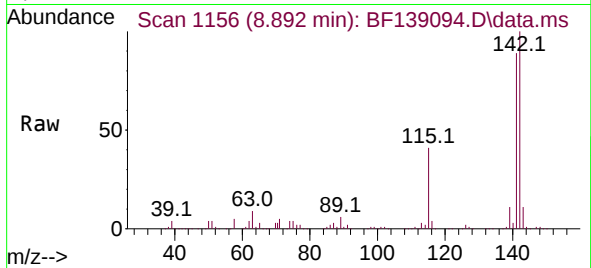
Tgt Ion:107 Resp: 276292
Ion Ratio Lower Upper
107 100
144 21.5 17.7 26.5
142 68.2 55.6 83.4





#37
2-Methylnaphthalene
Concen: 49.134 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

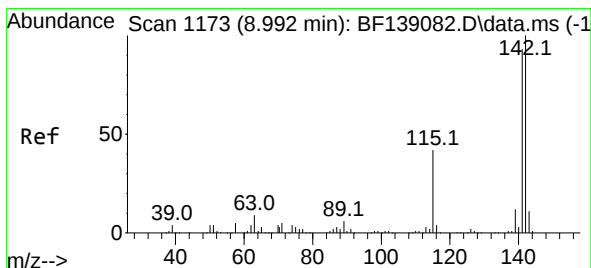
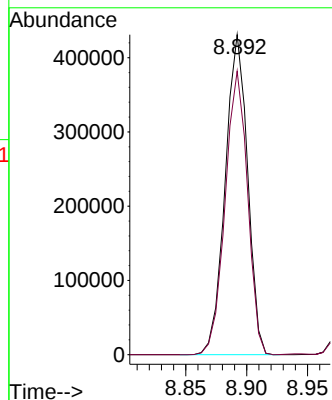
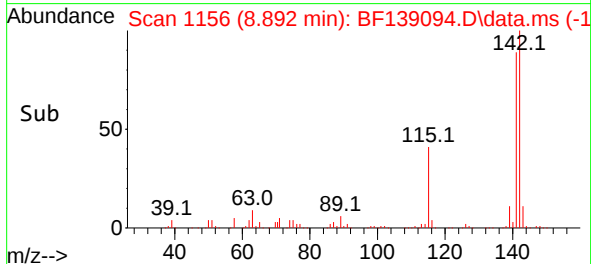
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:142 Resp: 549969
Ion Ratio Lower Upper
142 100
141 88.6 70.6 105.8

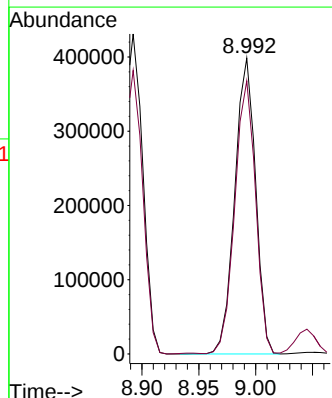
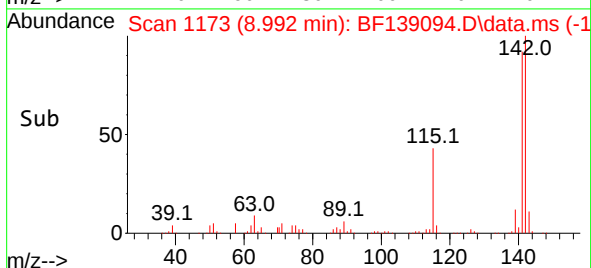
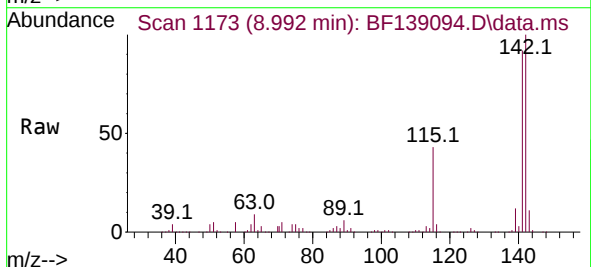
Manual Integrations
APPROVED

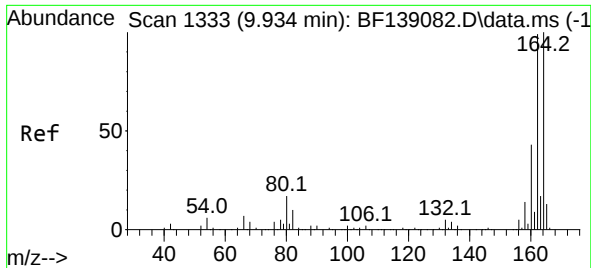
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#38
1-Methylnaphthalene
Concen: 47.119 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

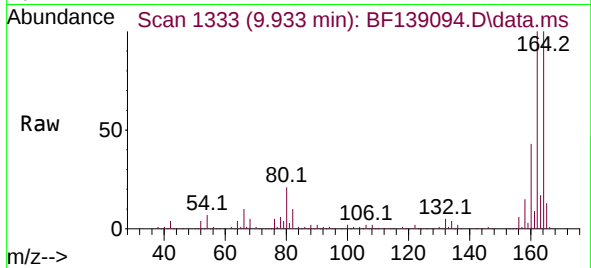
Tgt Ion:142 Resp: 509024
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

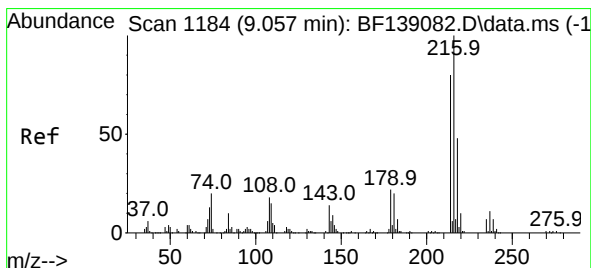
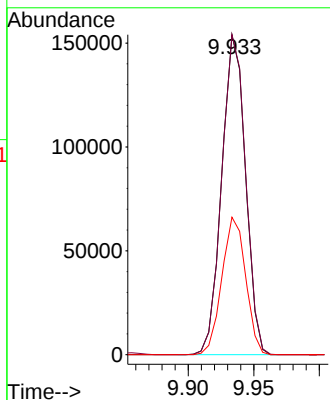
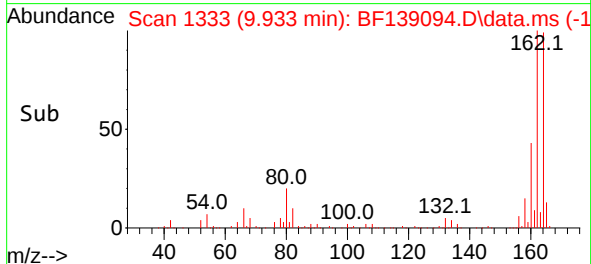
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



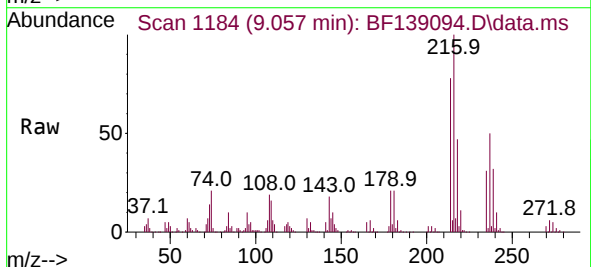
Tgt Ion:164 Resp: 19397
Ion Ratio Lower Upper
164 100
162 100.0 79.5 119.3
160 43.0 34.5 51.7

Manual Integrations
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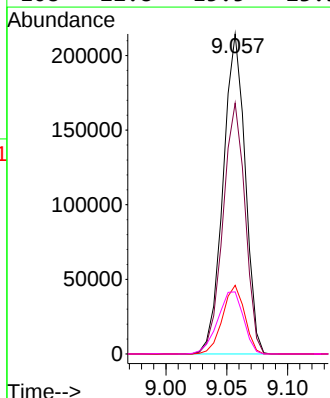
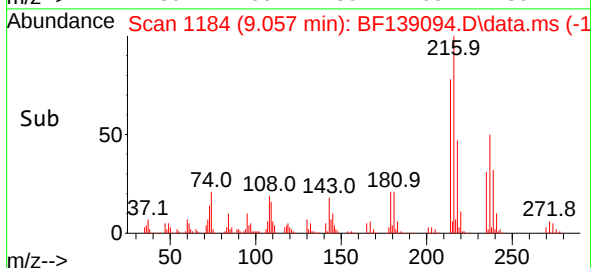
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

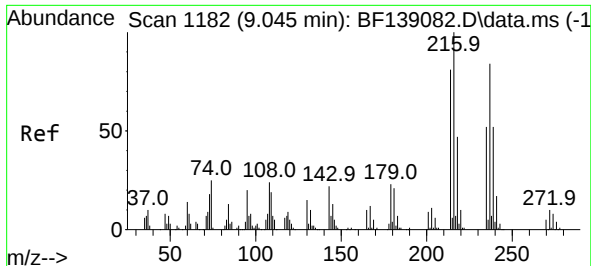


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.550 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



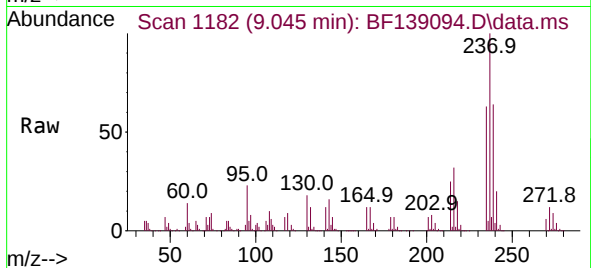
Tgt Ion:216 Resp: 270965
Ion Ratio Lower Upper
216 100
214 78.4 64.2 96.2
179 21.4 17.4 26.2
108 22.8 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 178.405 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

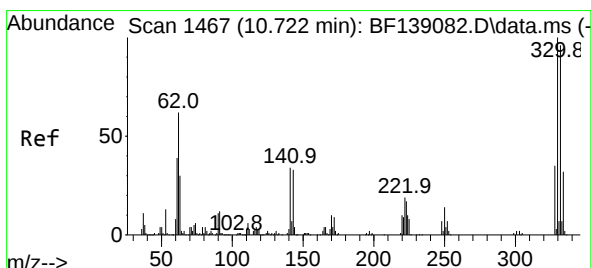
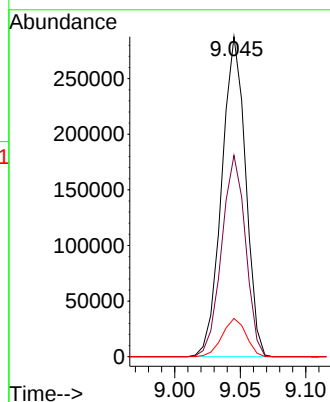
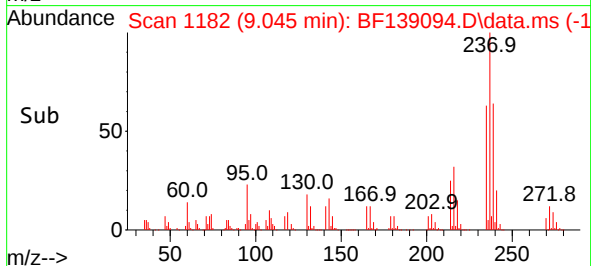
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



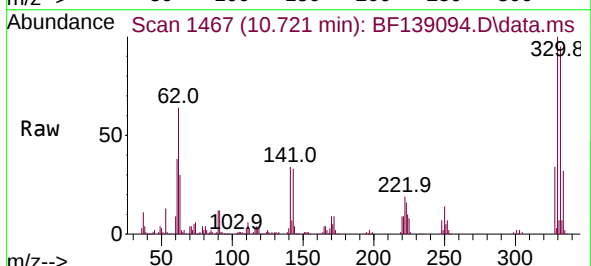
Tgt Ion: 237 Resp: 36412
Ion Ratio Lower Upper
237 100
235 62.9 42.5 82.5
272 11.9 0.0 32.0

Manual Integrations
APPROVED

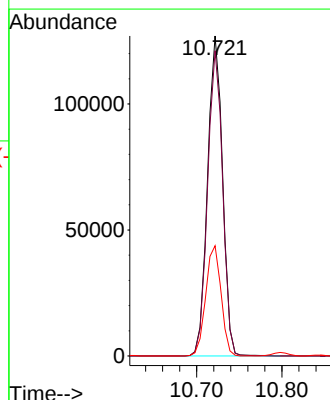
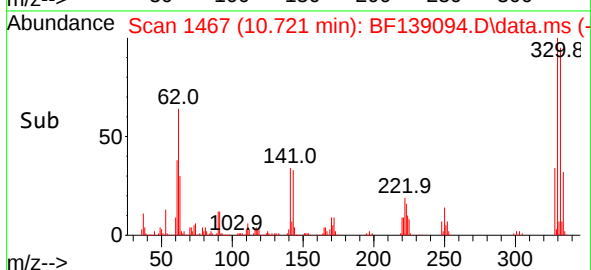
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

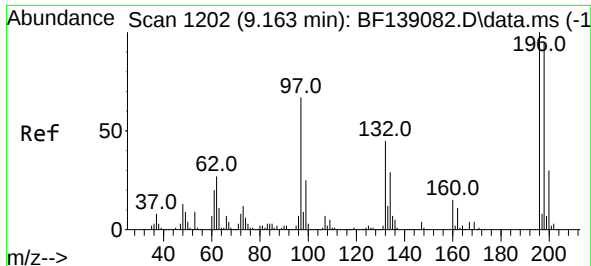


#42
2,4,6-Tribromophenol
Concen: 88.586 ng
RT: 10.721 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



Tgt Ion: 330 Resp: 155557
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 35.2 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 53.802 ng

RT: 9.163 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF139094.D

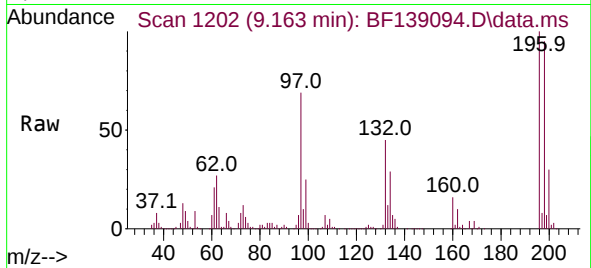
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



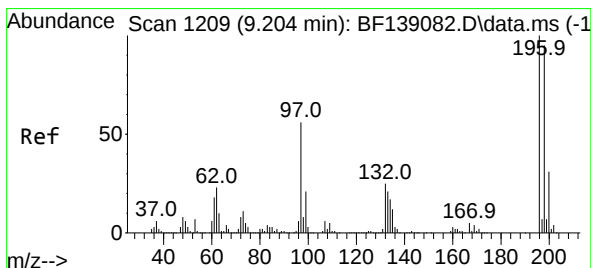
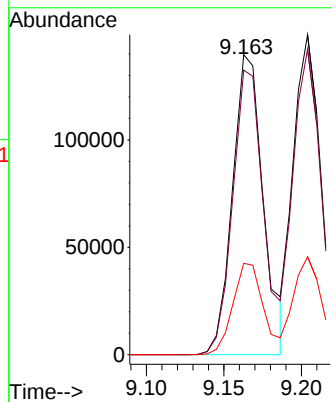
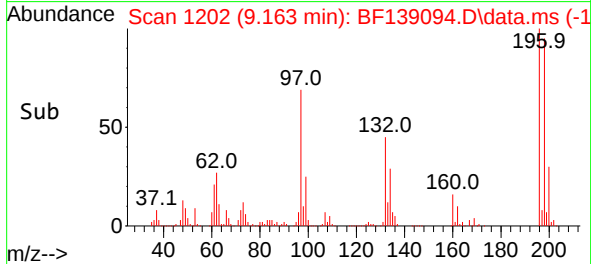
Tgt Ion:	196	Resp:	19281
Ion Ratio	Lower	Upper	
196	100		
198	94.8	76.4	114.6
200	30.4	23.8	35.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#44

2,4,5-Trichlorophenol

Concen: 49.438 ng

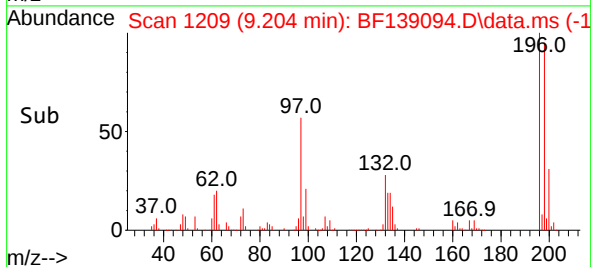
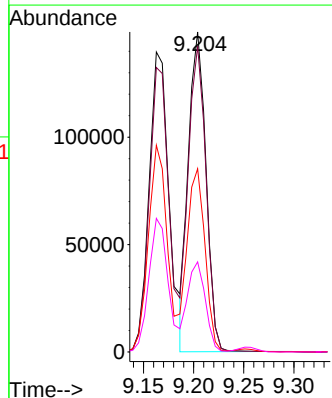
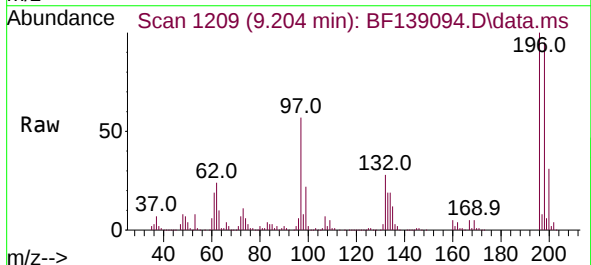
RT: 9.204 min Scan# 1209

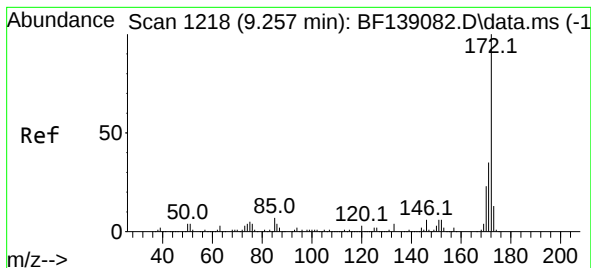
Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Tgt Ion:	196	Resp:	181857
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.6	114.8
97	57.3	44.6	67.0
132	28.2	21.8	32.6





#45

2-Fluorobiphenyl

Concen: 49.064 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS

Tgt Ion:172 Resp: 59982

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

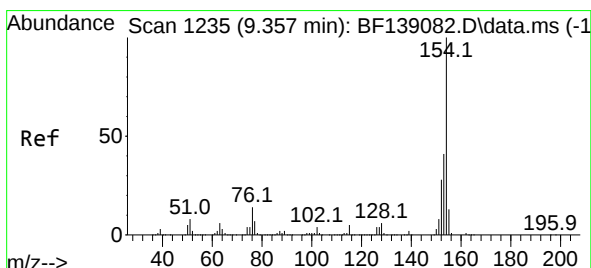
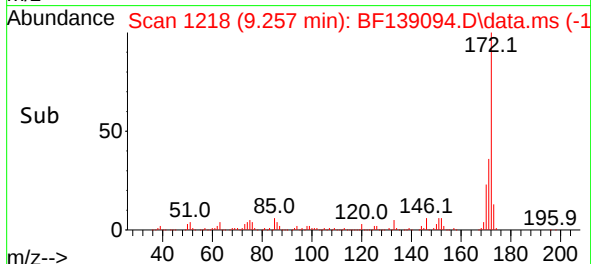
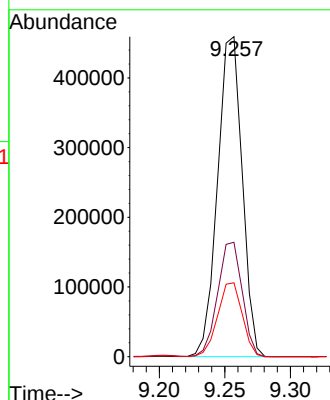
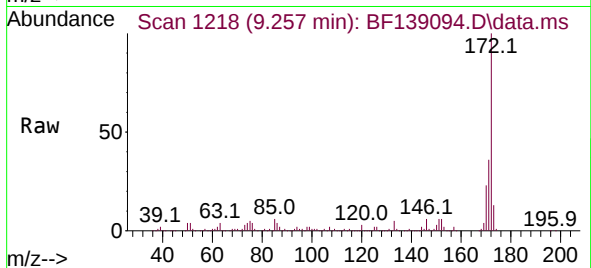
170 23.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#46

1,1'-Biphenyl

Concen: 51.225 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

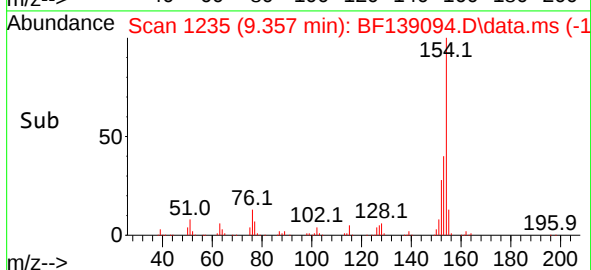
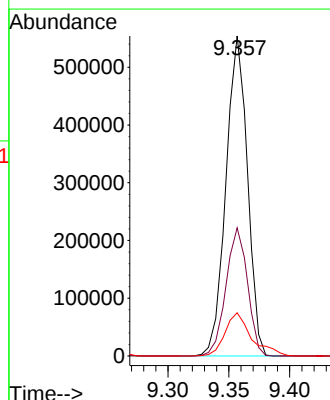
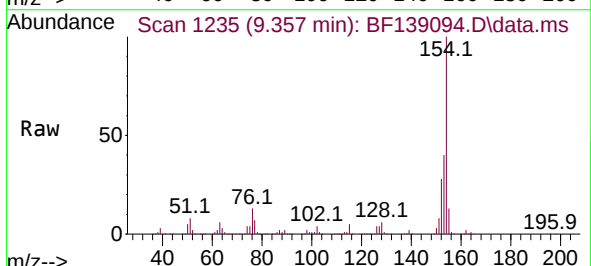
Tgt Ion:154 Resp: 680643

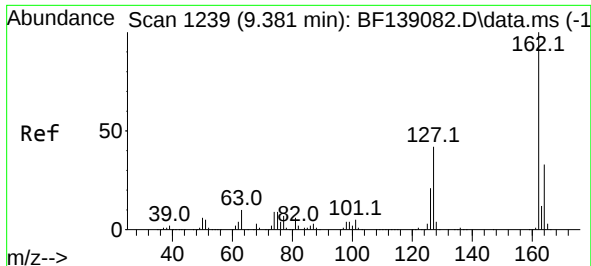
Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

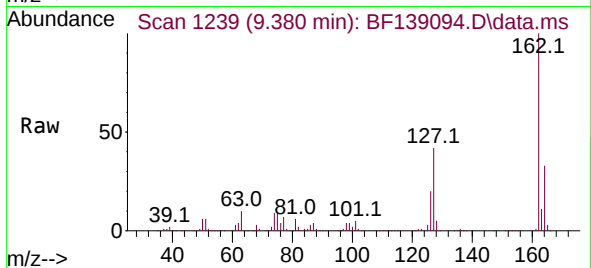
76 13.5 0.0 33.6





#47
2-Chloronaphthalene
Concen: 49.265 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

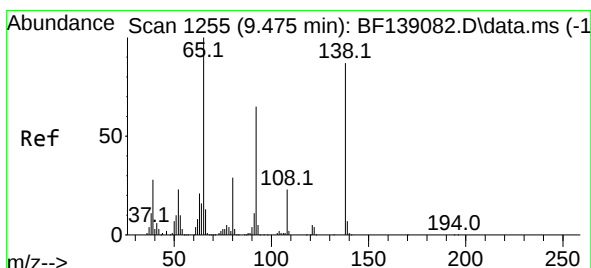
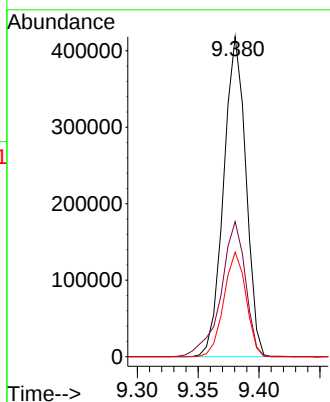
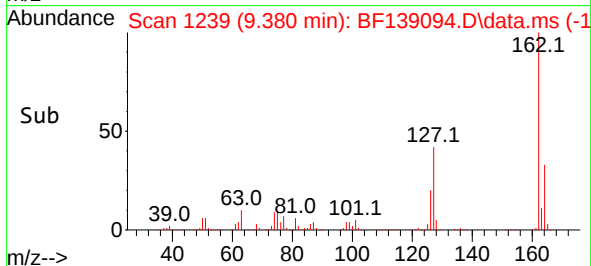
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:162 Resp: 531880
Ion Ratio Lower Upper
162 100
127 42.2 33.8 50.6
164 32.6 26.3 39.5

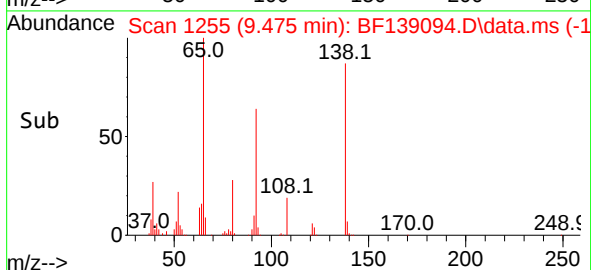
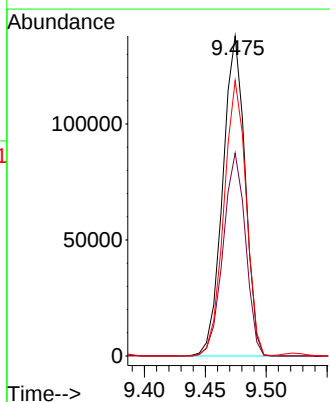
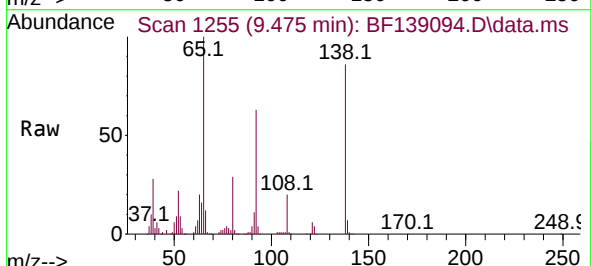
Manual Integrations
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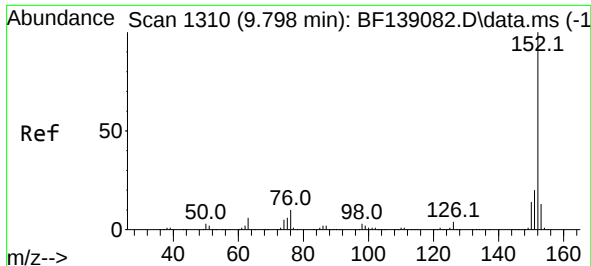
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#48
2-Nitroaniline
Concen: 55.871 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion: 65 Resp: 176140
Ion Ratio Lower Upper
65 100
92 63.5 52.4 78.6
138 86.1 69.4 104.0





#49

Acenaphthylene

Concen: 53.711 ng

RT: 9.798 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF139094.D

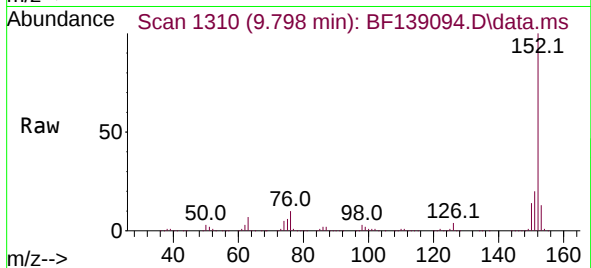
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



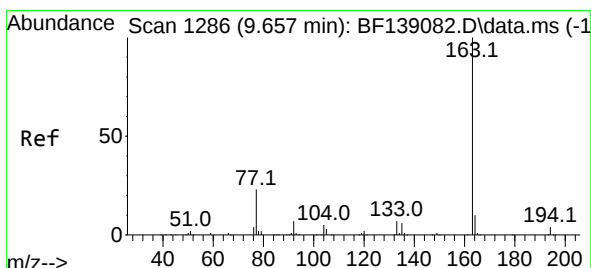
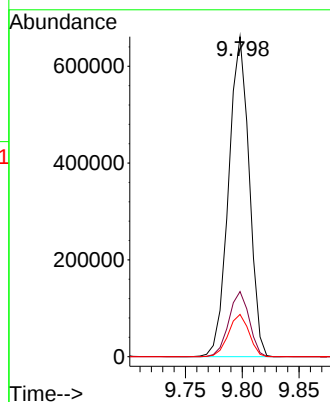
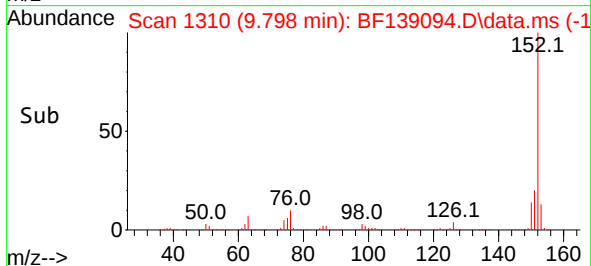
Tgt Ion:	152	Resp:	830700
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	13.2	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#50

Dimethylphthalate

Concen: 53.548 ng

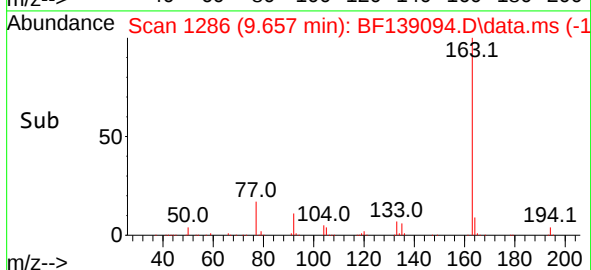
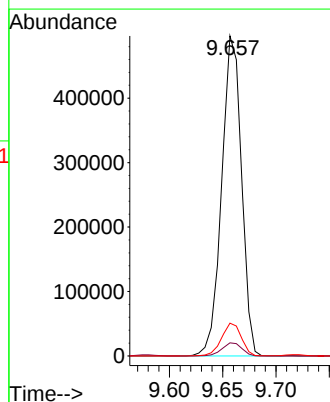
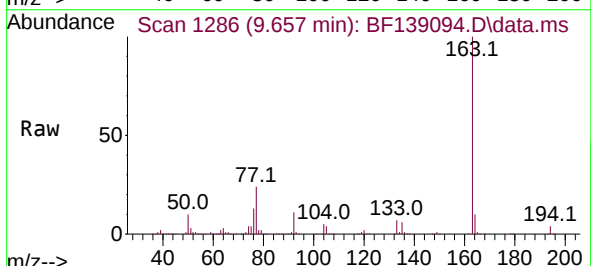
RT: 9.657 min Scan# 1286

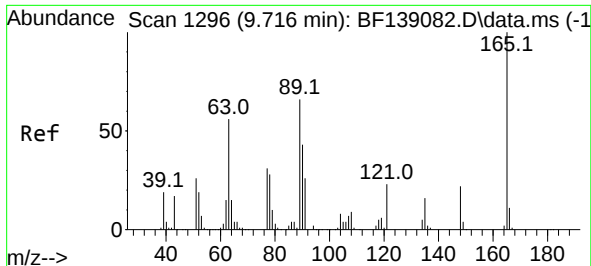
Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

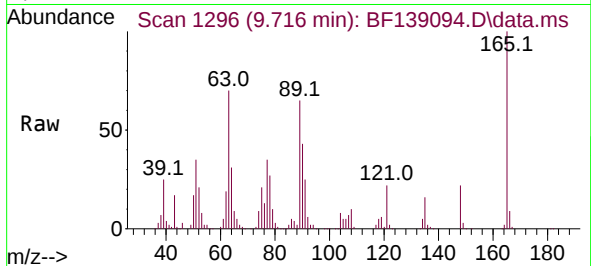
Tgt Ion:	163	Resp:	641240
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 53.865 ng
RT: 9.716 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

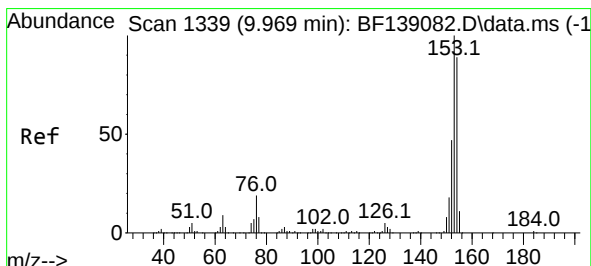
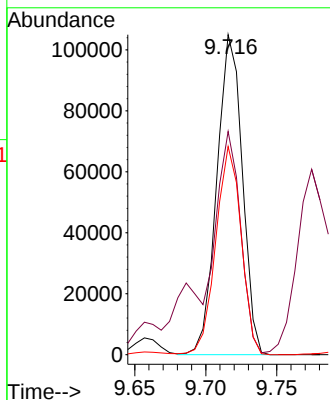
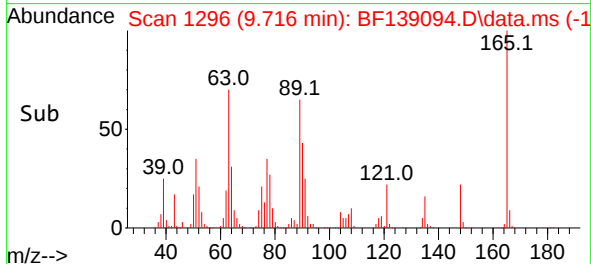
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:165 Resp: 130844
Ion Ratio Lower Upper
165 100
63 69.7 58.0 87.0
89 65.1 53.3 79.9

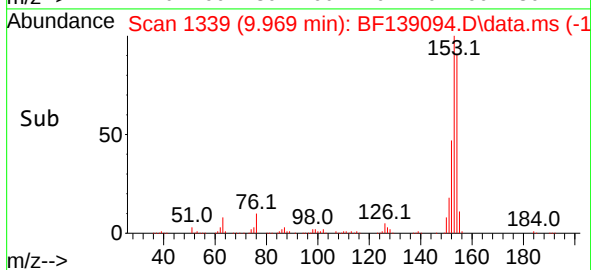
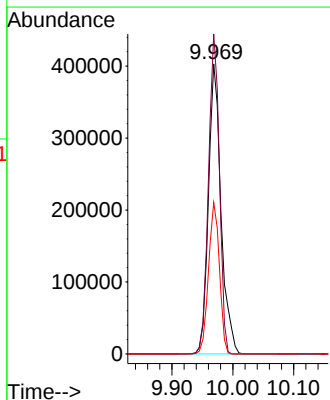
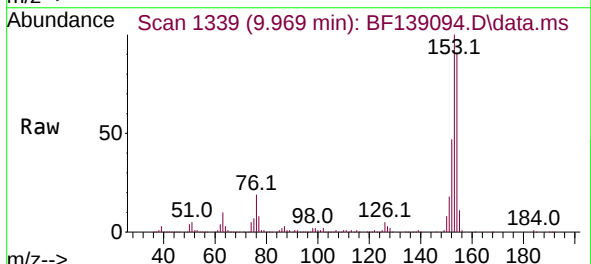
Manual Integrations
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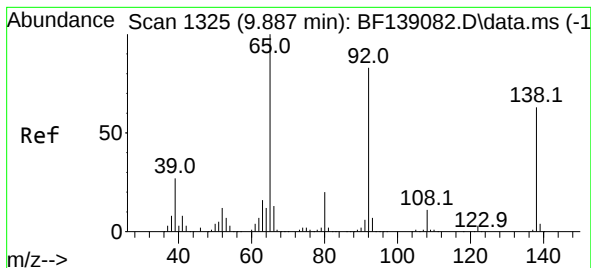
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#52
Acenaphthene
Concen: 56.614 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

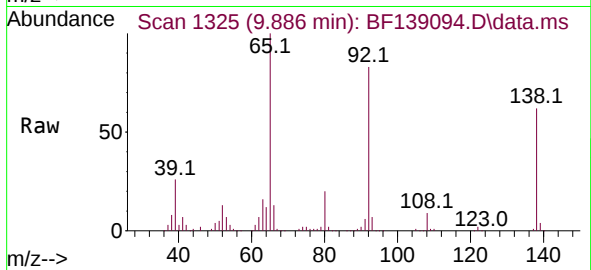
Tgt Ion:154 Resp: 578384
Ion Ratio Lower Upper
154 100
153 110.3 89.7 134.5
152 52.2 42.3 63.5





#53
3-Nitroaniline
Concen: 41.972 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

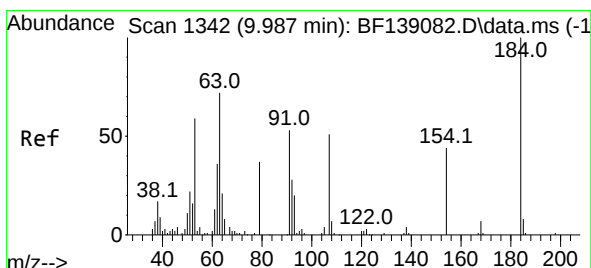
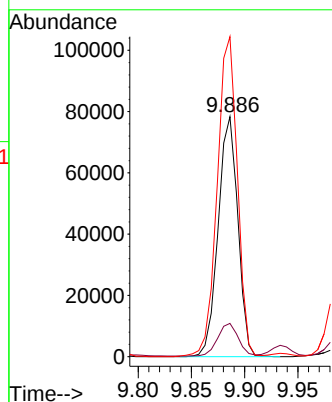
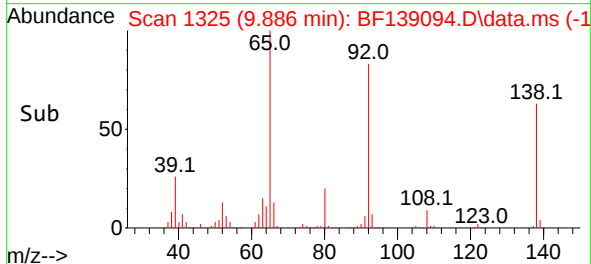
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



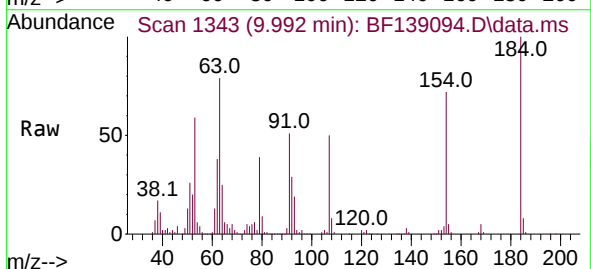
Tgt Ion:138 Resp: 100612
Ion Ratio Lower Upper
138 100
108 13.9 14.6 21.8
92 133.3 105.9 158.9

Manual Integrations
APPROVED

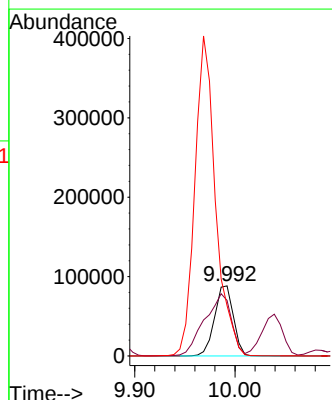
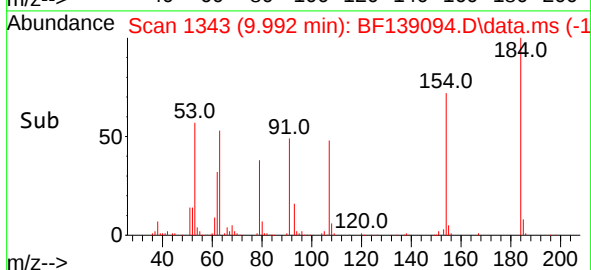
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

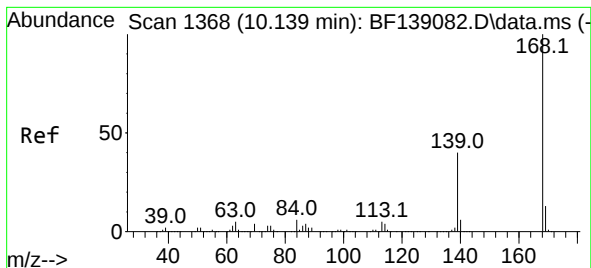


#54
2,4-Dinitrophenol
Concen: 97.235 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



Tgt Ion:184 Resp: 115287
Ion Ratio Lower Upper
184 100
63 79.2 70.5 105.7
154 71.7 135.0 202.6





#55

Dibenzenofuran

Concen: 51.074 ng

RT: 10.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139094.D

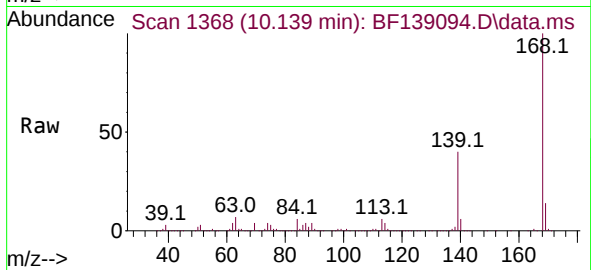
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



Tgt Ion:168 Resp: 75788

Ion Ratio Lower Upper

168 100

139 40.2 31.6 47.4

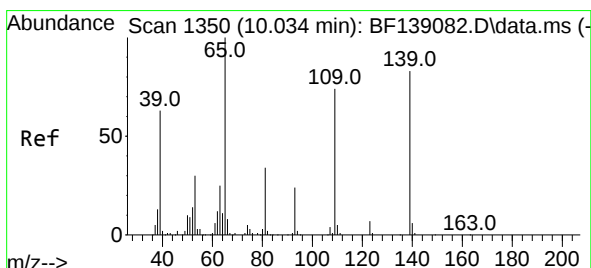
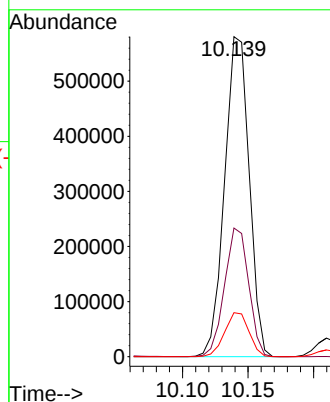
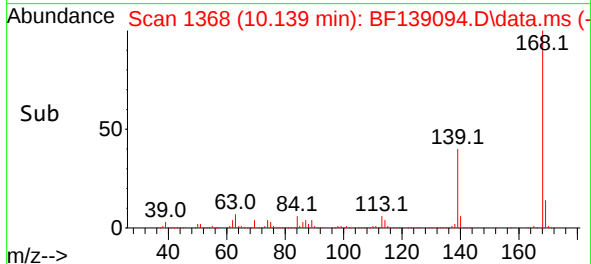
169 13.8 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#56

4-Nitrophenol

Concen: 110.631 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.005 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

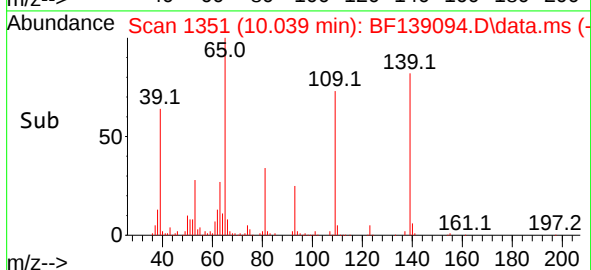
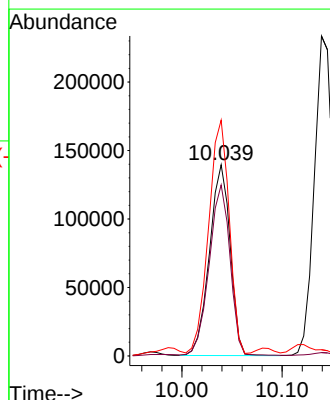
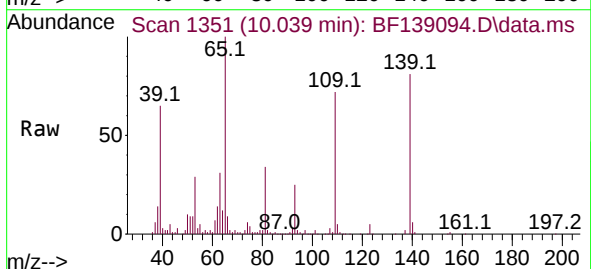
Tgt Ion:139 Resp: 200254

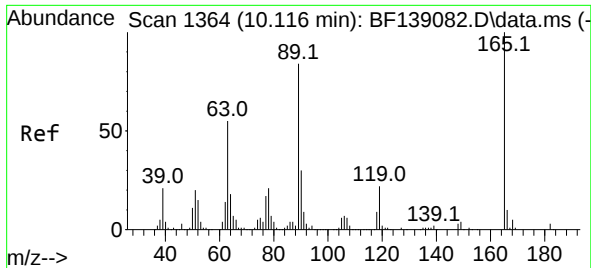
Ion Ratio Lower Upper

139 100

109 89.4 68.8 108.8

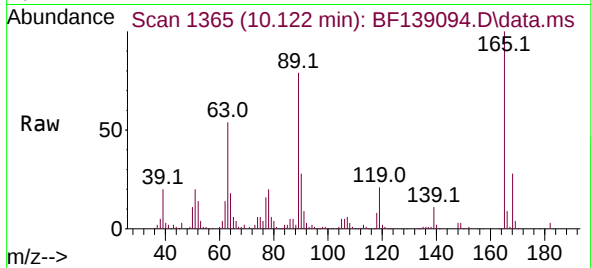
65 123.3 101.3 141.3





#57
2,4-Dinitrotoluene
Concen: 54.931 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

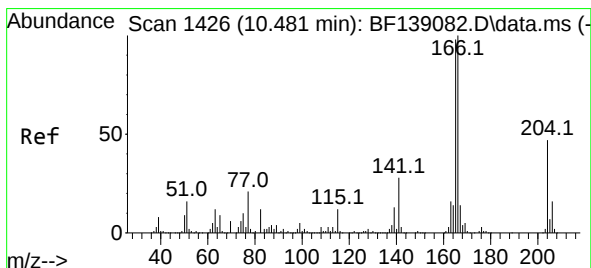
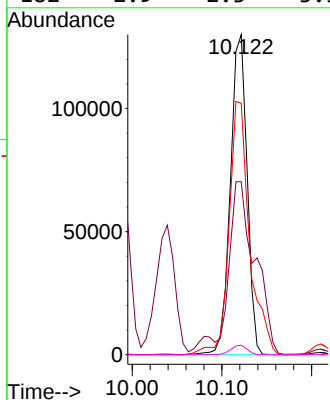
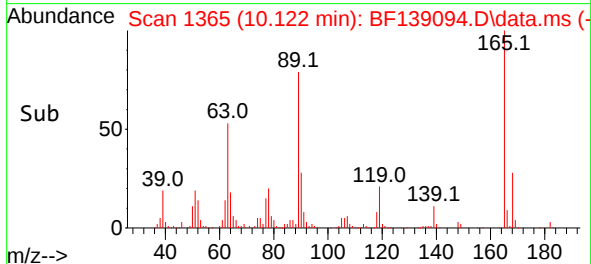
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:165 Resp: 168138
Ion Ratio Lower Upper
165 100
63 54.0 44.2 66.4
89 78.6 67.4 101.2
182 2.9 2.3 3.5

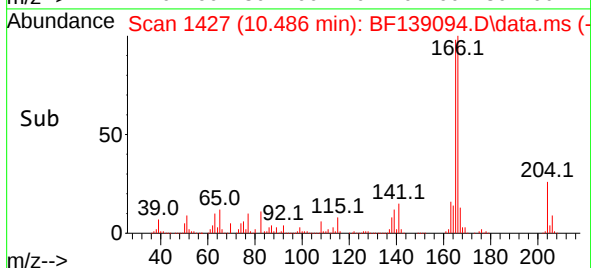
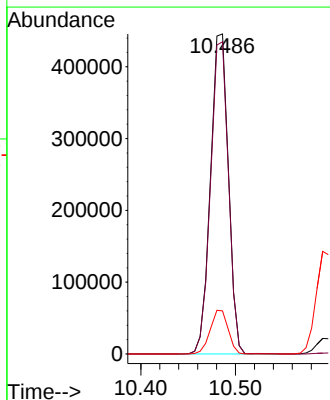
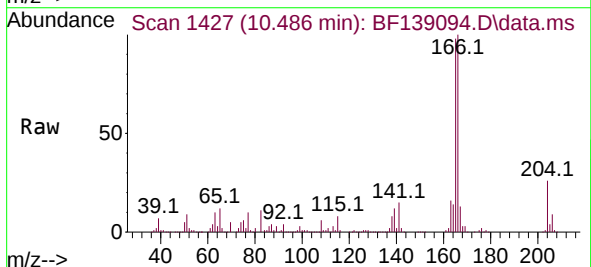
Manual Integrations
APPROVED

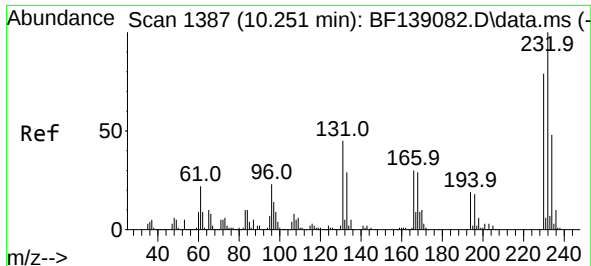
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#58
Fluorene
Concen: 49.335 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

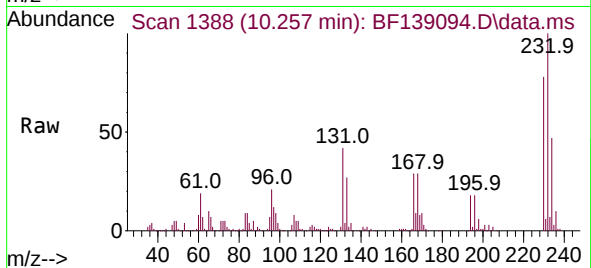
Tgt Ion:166 Resp: 585052
Ion Ratio Lower Upper
166 100
165 97.6 78.0 117.0
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.487 ng
RT: 10.257 min Scan# 1388
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

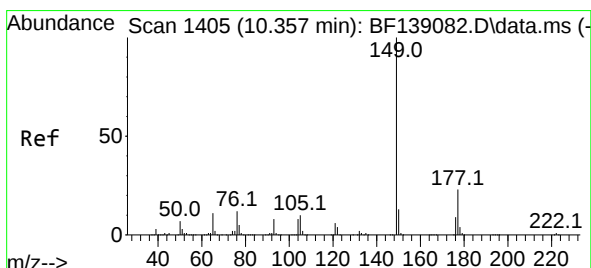
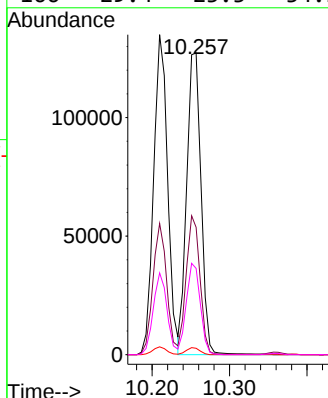
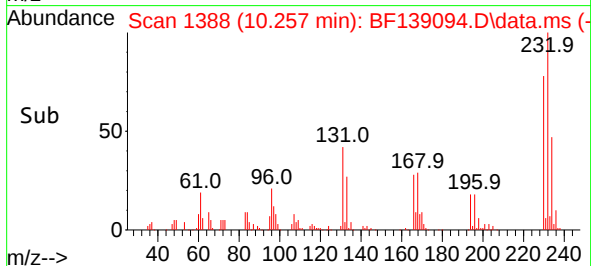
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:232 Resp: 16388
Ion Ratio Lower Upper
232 100
131 43.8 36.0 54.0
130 2.2 2.0 3.0
166 29.4 23.3 34.9

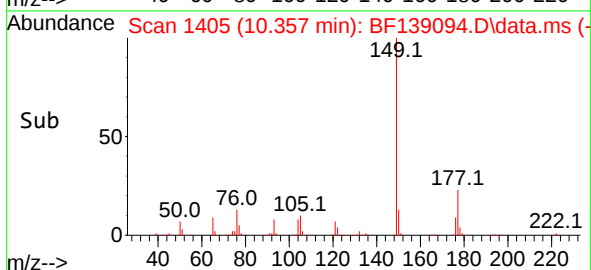
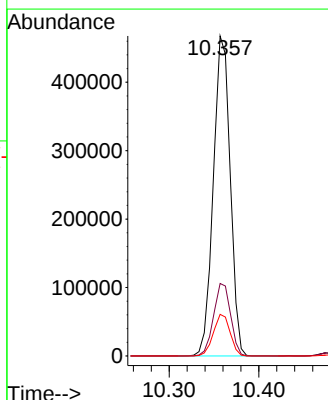
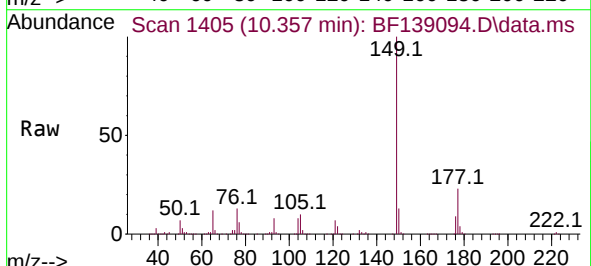
Manual Integrations
APPROVED

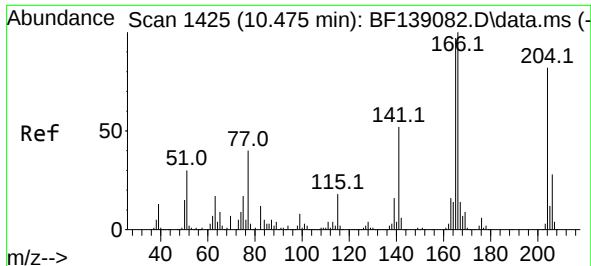
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#60
Diethylphthalate
Concen: 51.421 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

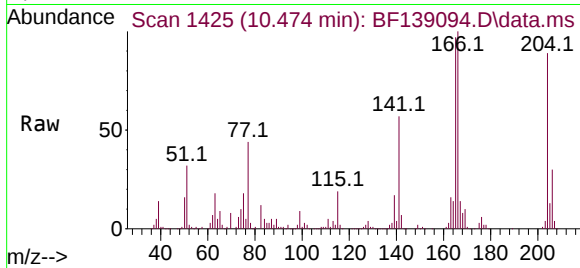
Tgt Ion:149 Resp: 610120
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 50.140 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

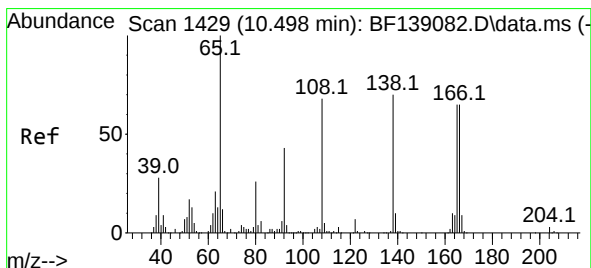
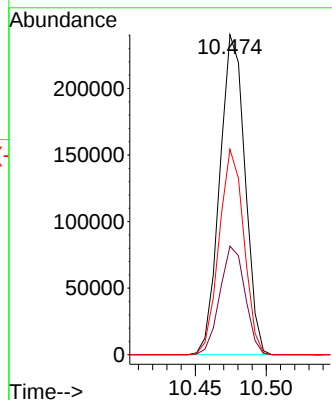
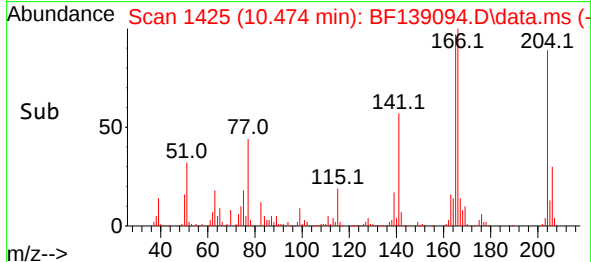
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:204 Resp: 29696
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 64.2 50.9 76.3

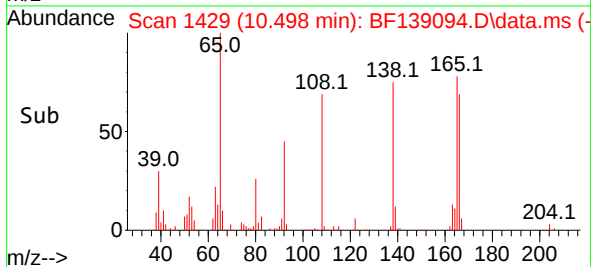
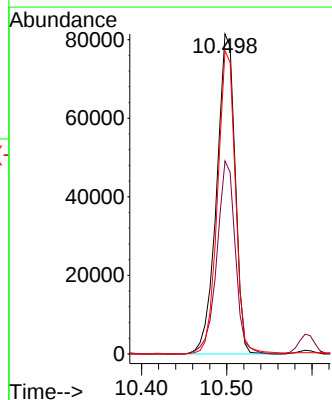
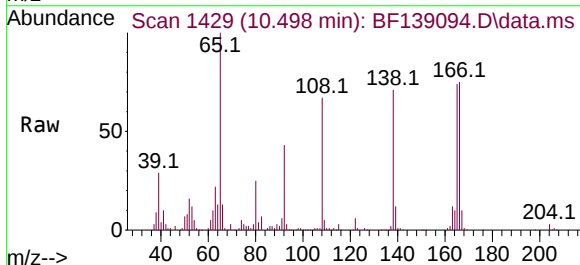
Manual Integrations
APPROVED

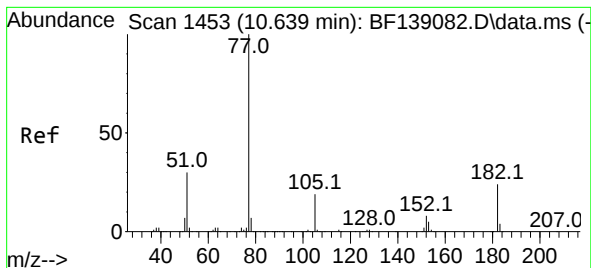
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#62
4-Nitroaniline
Concen: 49.889 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

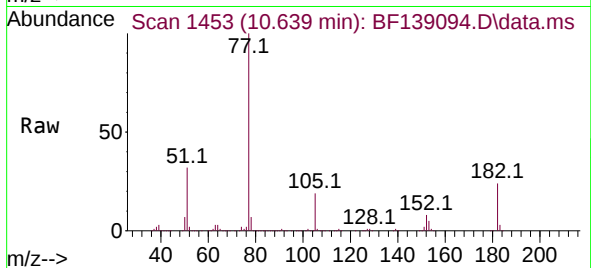
Tgt Ion:138 Resp: 123012
Ion Ratio Lower Upper
138 100
92 60.3 41.4 81.4
108 94.7 76.8 116.8





#63
Azobenzene
Concen: 51.204 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

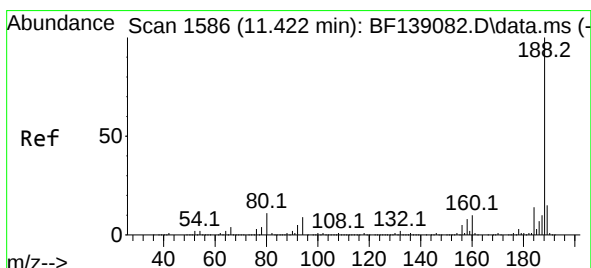
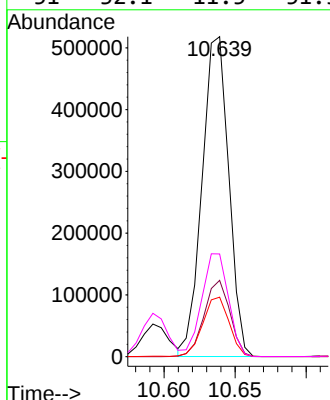
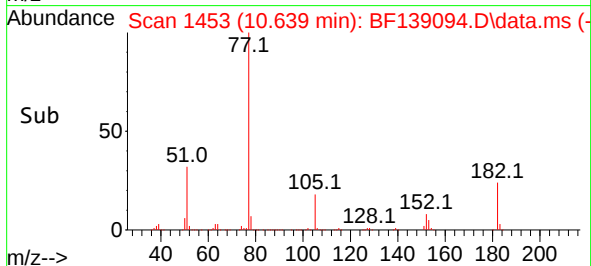
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion: 77	Resp: 67515
Ion Ratio	Lower Upper
77 100	
182 23.8	4.0 44.0
105 18.6	0.0 39.1
51 32.1	11.5 51.5

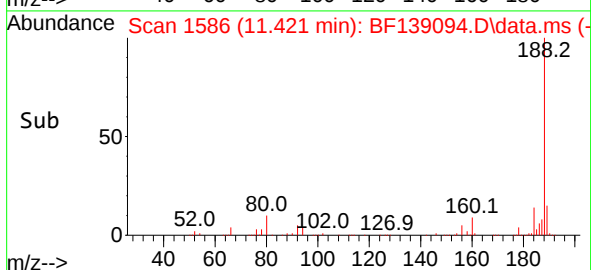
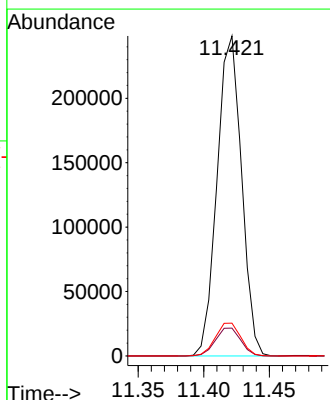
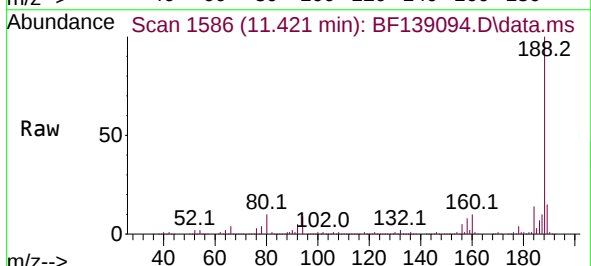
Manual Integrations
APPROVED

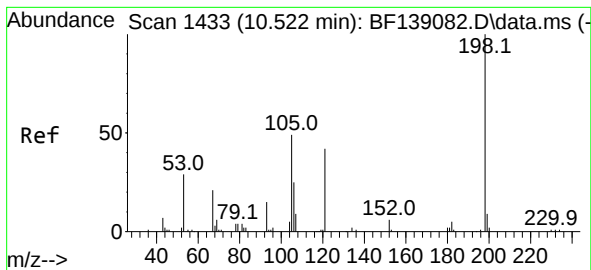
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:188	Resp: 321854
Ion Ratio	Lower Upper
188 100	
94 8.7	7.2 10.8
80 10.3	8.5 12.7





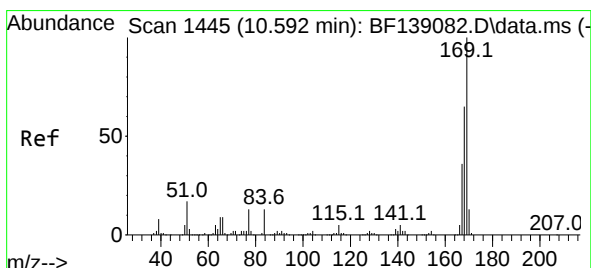
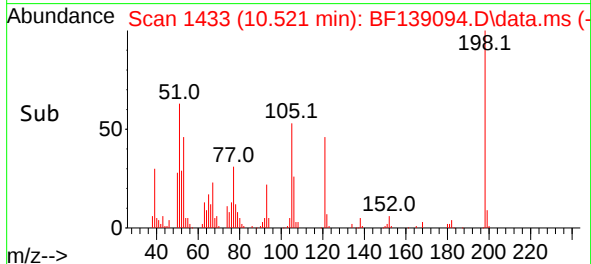
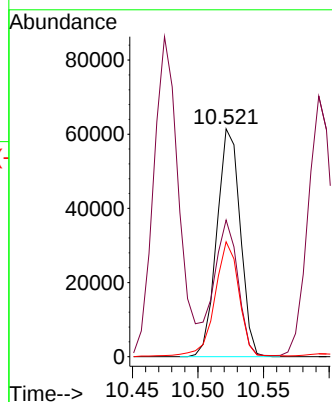
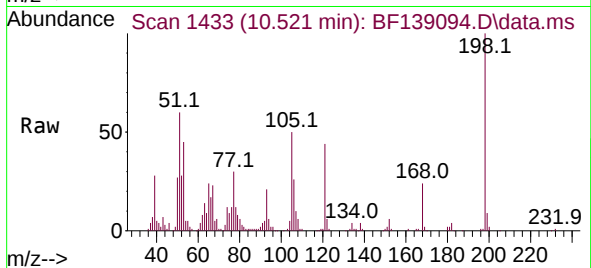
#65
4,6-Dinitro-2-methylphenol
Concen: 60.322 ng
RT: 10.521 min Scan# 1433
Delta R.T. -0.001 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS

Tgt Ion:198 Resp: 76110
Ion Ratio Lower Upper
198 100
51 60.0 40.8 80.8
105 50.4 30.9 70.9

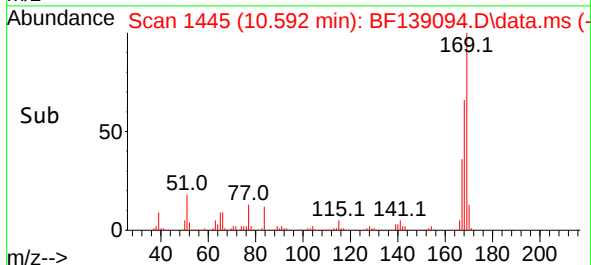
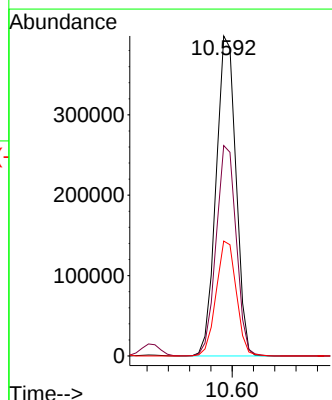
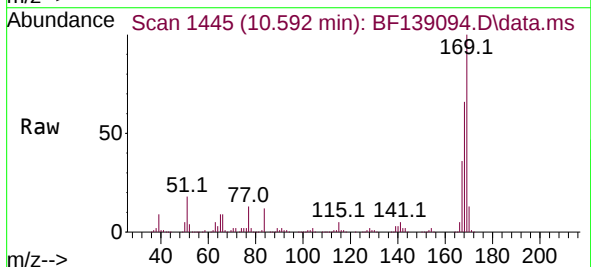
Manual Integrations
APPROVED

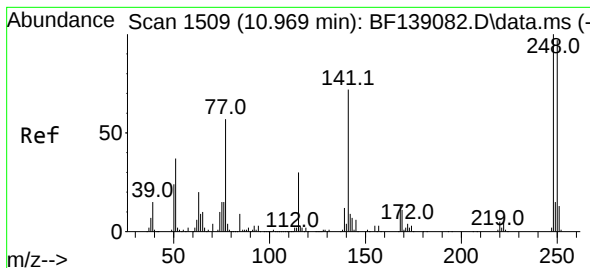
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#66
n-Nitrosodiphenylamine
Concen: 54.073 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

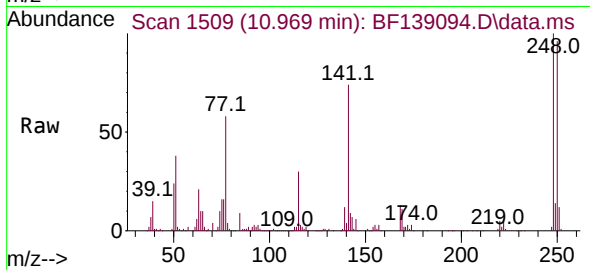
Tgt Ion:169 Resp: 514960
Ion Ratio Lower Upper
169 100
168 65.7 52.4 78.6
167 35.9 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 54.014 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

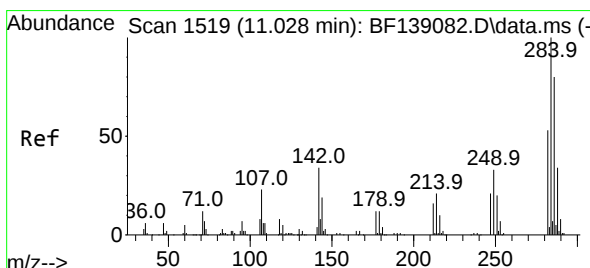
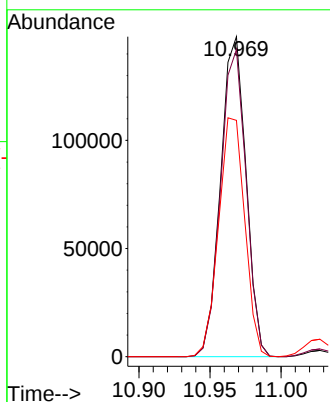
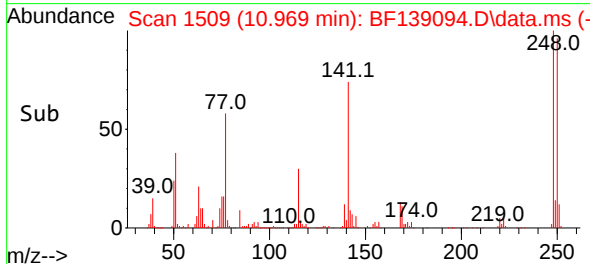
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



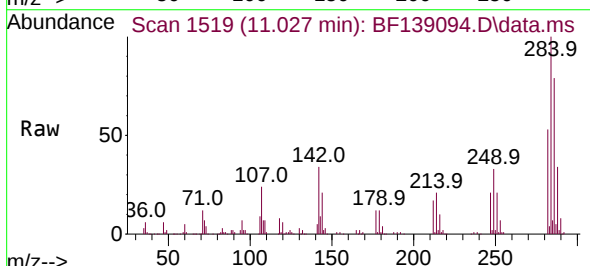
Tgt Ion:248 Resp: 184214
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.8
141 73.8 57.9 86.9

Manual Integrations
APPROVED

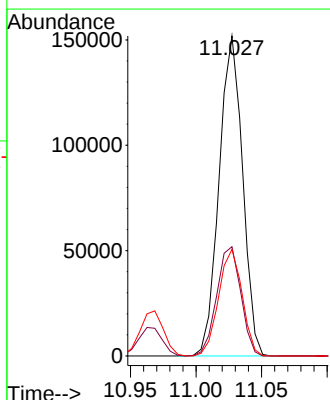
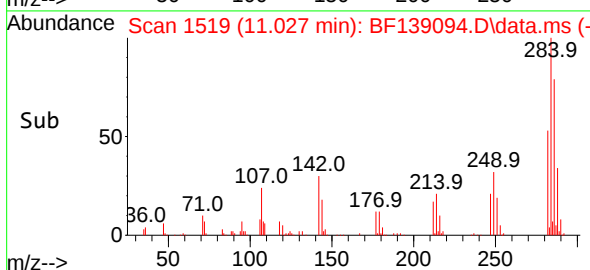
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

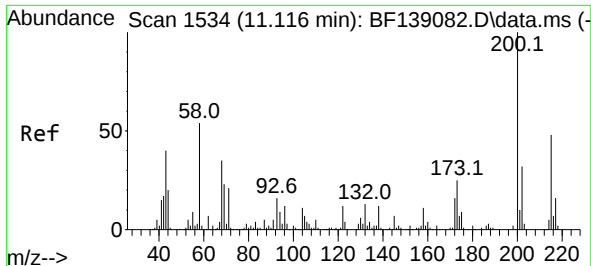


#68
Hexachlorobenzene
Concen: 51.668 ng
RT: 11.027 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



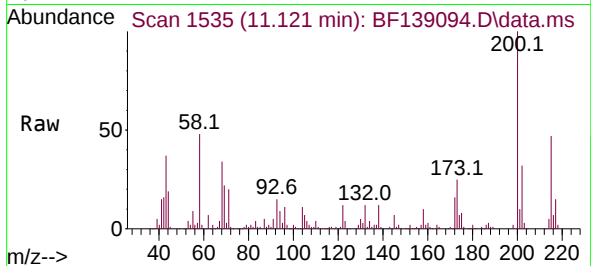
Tgt Ion:284 Resp: 189045
Ion Ratio Lower Upper
284 100
142 34.2 27.1 40.7
249 33.3 26.8 40.2





#69
Atrazine
Concen: 57.028 ng
RT: 11.121 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

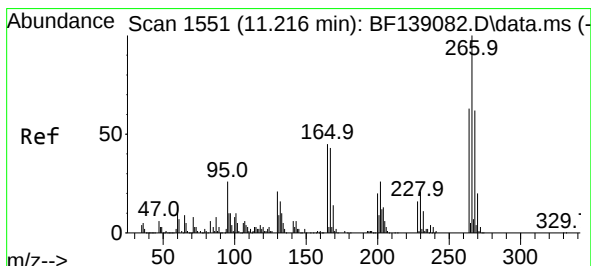
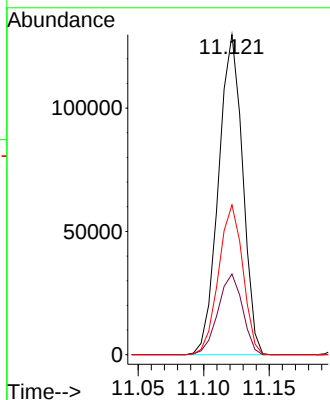
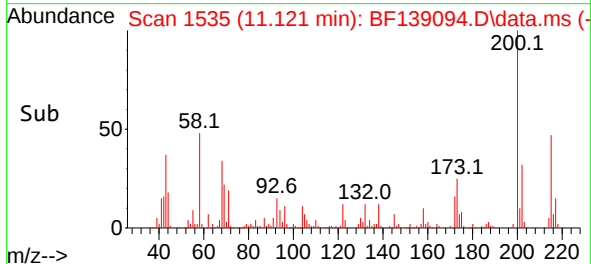
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:200 Resp: 16586
Ion Ratio Lower Upper
200 100
173 25.2 5.2 45.2
215 46.8 27.9 67.9

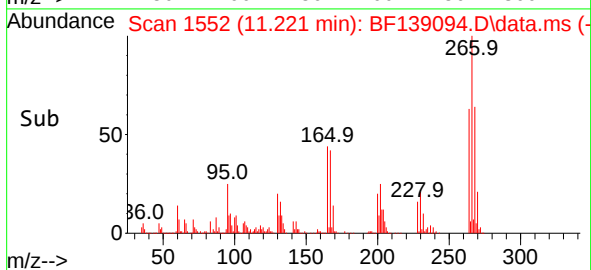
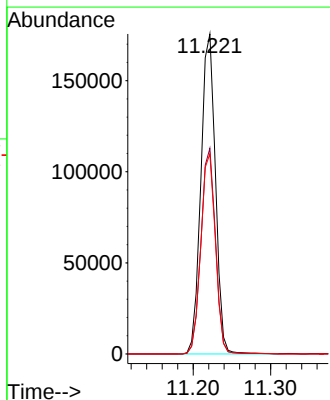
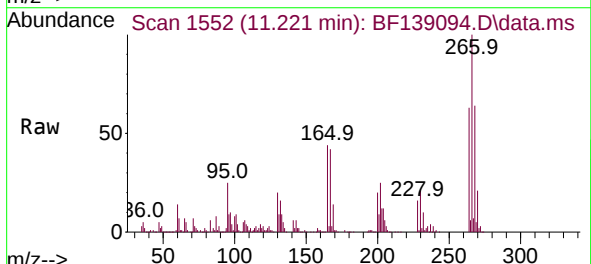
Manual Integrations
APPROVED

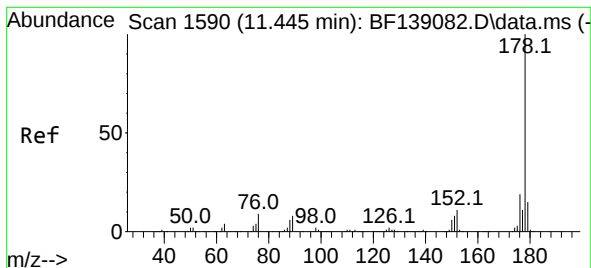
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#70
Pentachlorophenol
Concen: 98.058 ng
RT: 11.221 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:266 Resp: 229182
Ion Ratio Lower Upper
266 100
268 64.3 49.5 74.3
264 62.6 50.0 75.0





#71

Phenanthrene

Concen: 49.819 ng

RT: 11.445 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF139094.D

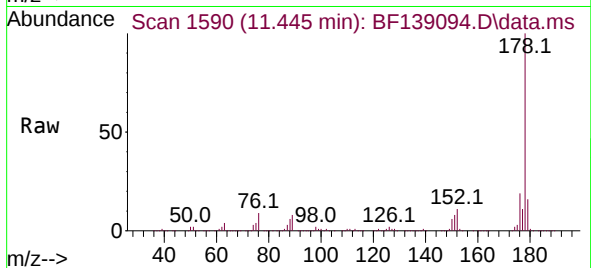
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



Tgt Ion:178 Resp: 815000

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

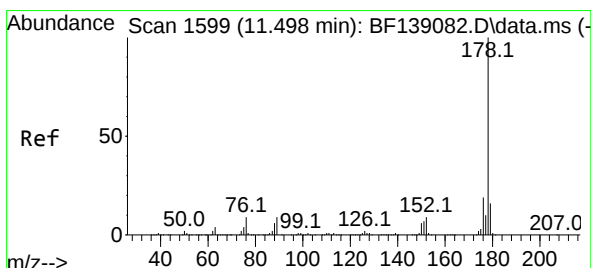
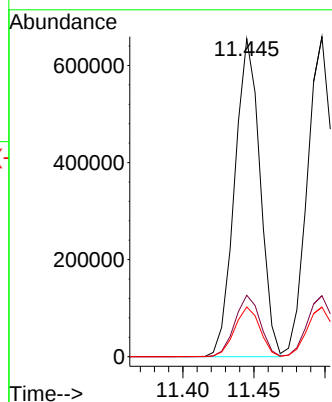
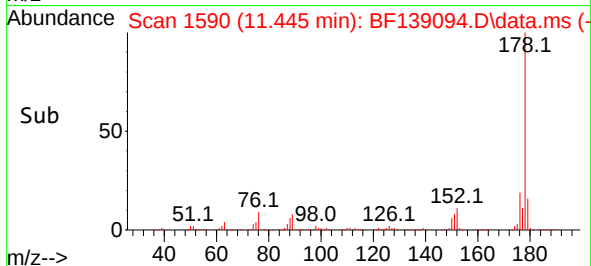
179 15.6 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#72

Anthracene

Concen: 51.675 ng

RT: 11.498 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

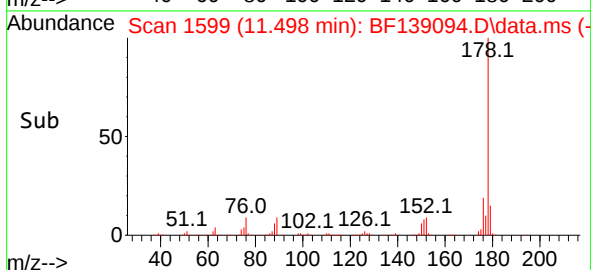
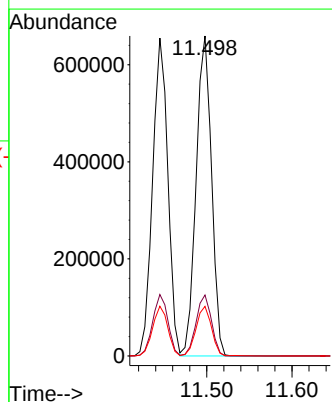
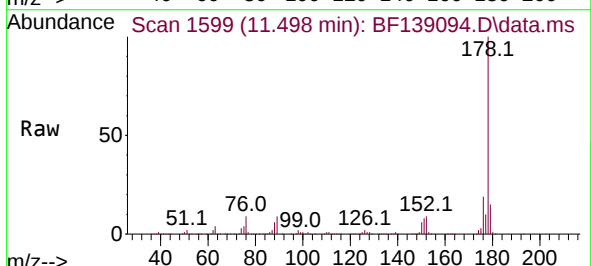
Tgt Ion:178 Resp: 826733

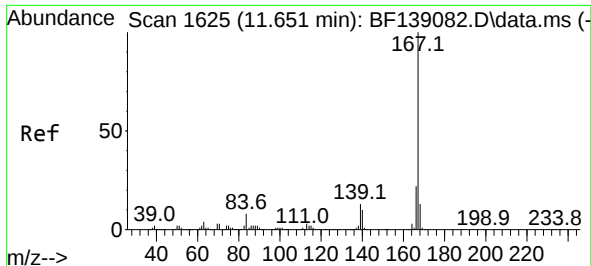
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

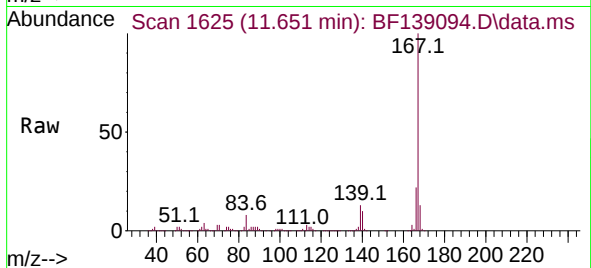
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 44.166 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139094.D
 Acq: 21 Aug 2024 11:22

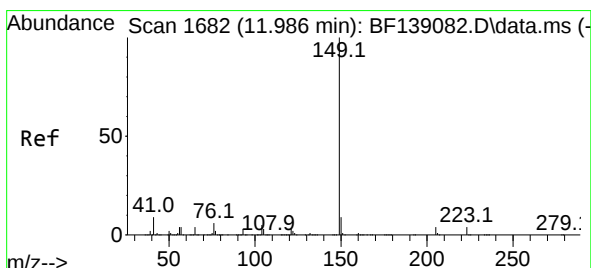
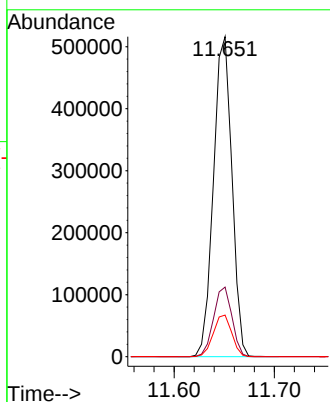
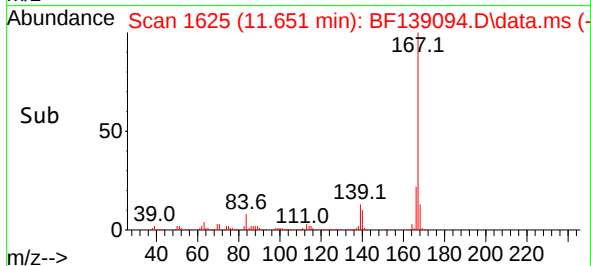
Instrument :
 BNA_F
 ClientSampleId :
 914-J-SD-0-1-081624MS



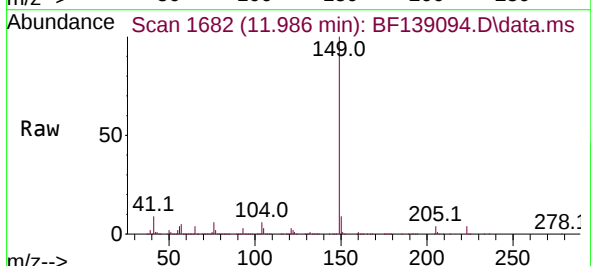
Tgt Ion:167 Resp: 659819
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.0 10.5 15.7

Manual Integrations
 APPROVED

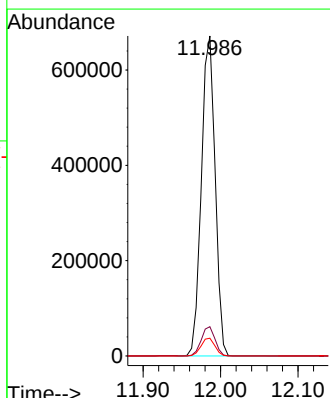
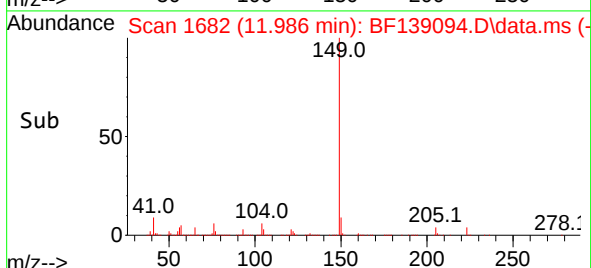
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

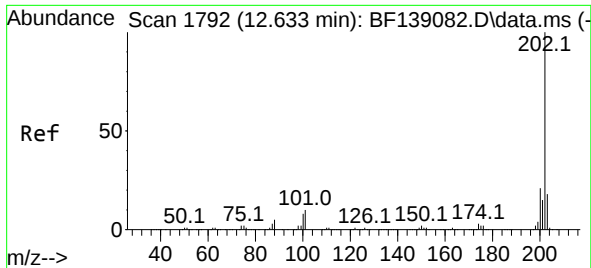


#74
 Di-n-butylphthalate
 Concen: 47.822 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139094.D
 Acq: 21 Aug 2024 11:22



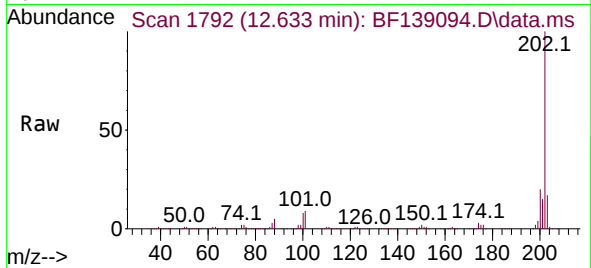
Tgt Ion:149 Resp: 828397
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 39.969 ng
RT: 12.633 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

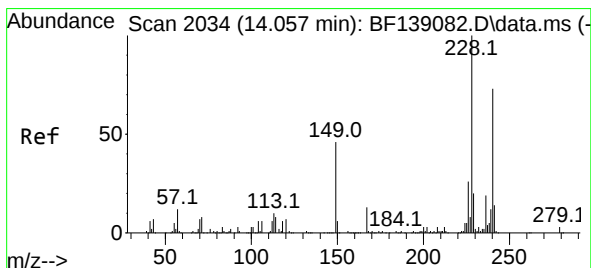
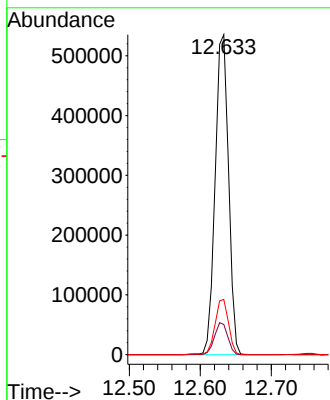
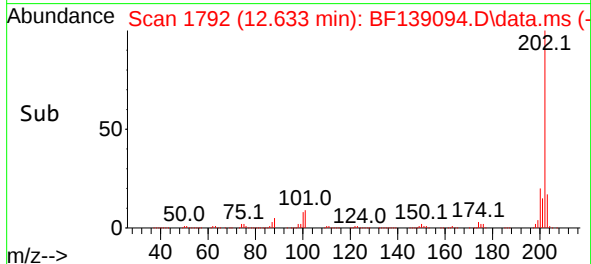
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:202 Resp: 69789
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.2
203 17.2 0.0 37.6

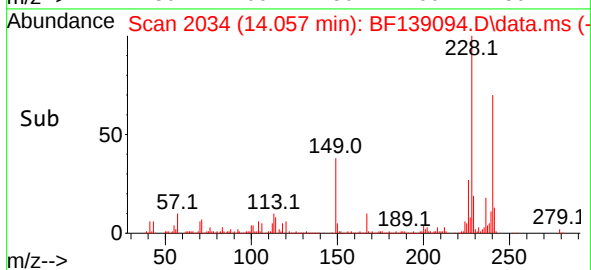
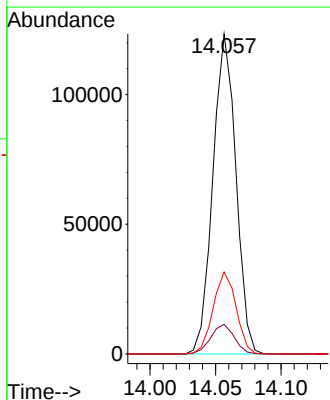
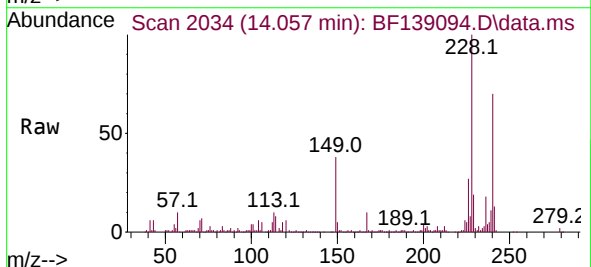
Manual Integrations
APPROVED

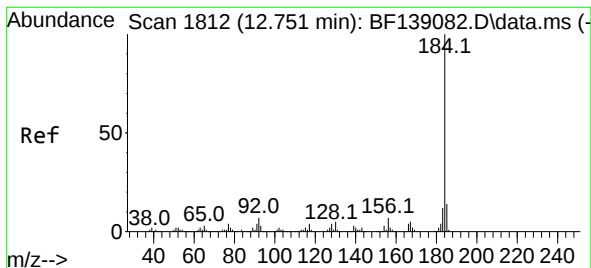
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

Tgt Ion:240 Resp: 150412
Ion Ratio Lower Upper
240 100
120 9.3 7.8 11.6
236 25.6 20.9 31.3





#77

Benzidine

Concen: 110.942 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF139094.D

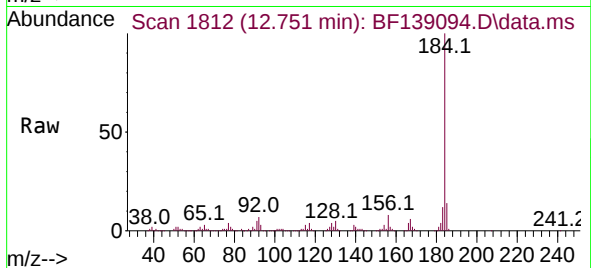
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



Tgt Ion:184 Resp: 34469

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

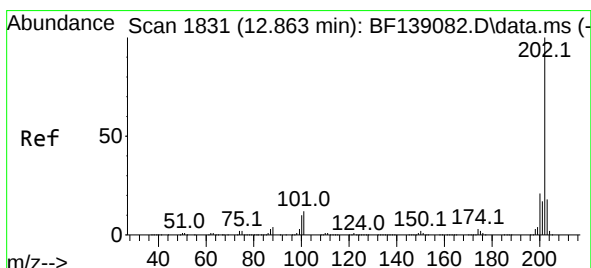
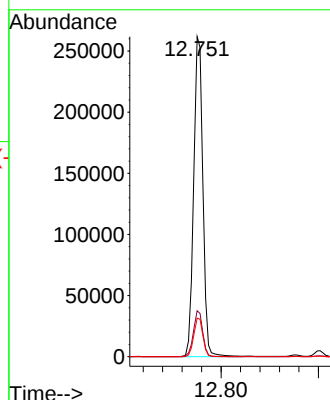
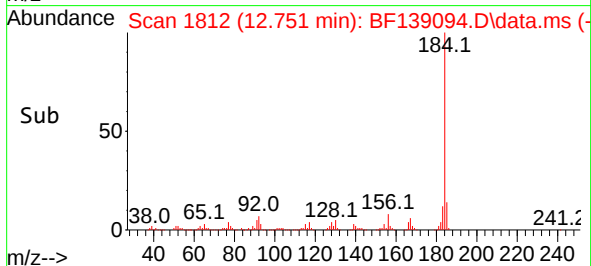
183 12.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#78

Pyrene

Concen: 53.442 ng

RT: 12.857 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

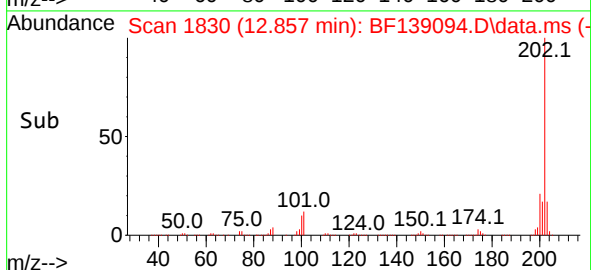
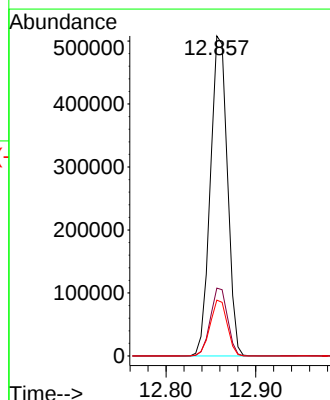
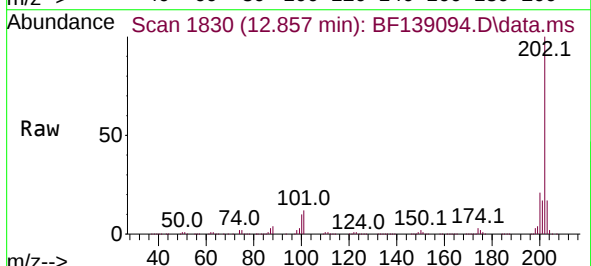
Tgt Ion:202 Resp: 670817

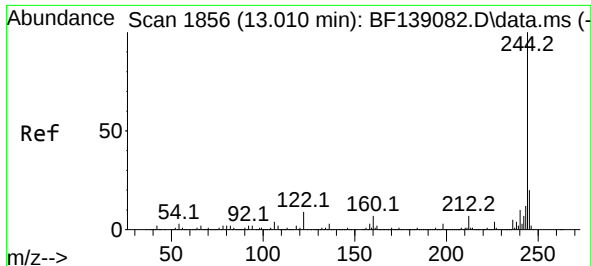
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

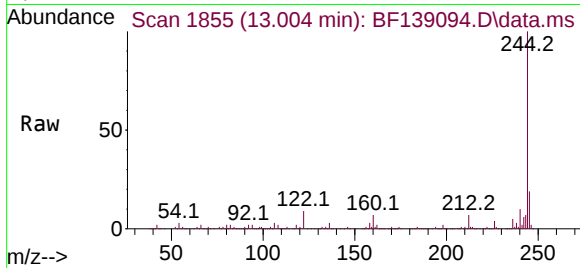
203 17.5 14.1 21.1





#79
 Terphenyl-d14
 Concen: 47.079 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. -0.006 min
 Lab File: BF139094.D
 Acq: 21 Aug 2024 11:22

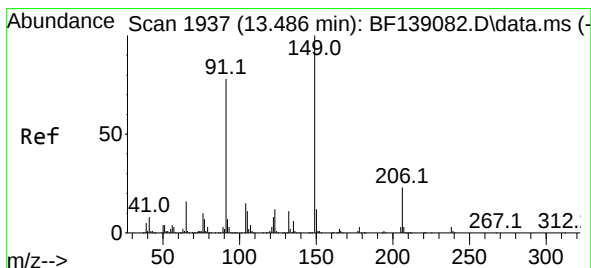
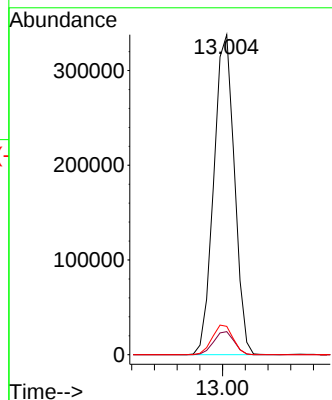
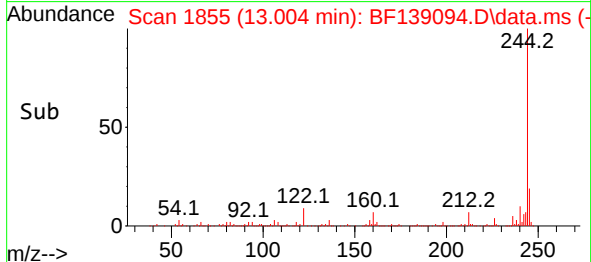
Instrument :
 BNA_F
 ClientSampleId :
 914-J-SD-0-1-081624MS



Tgt Ion:244 Resp: 426762
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 8.8 7.6 11.4

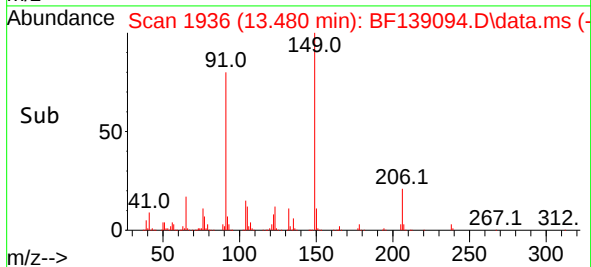
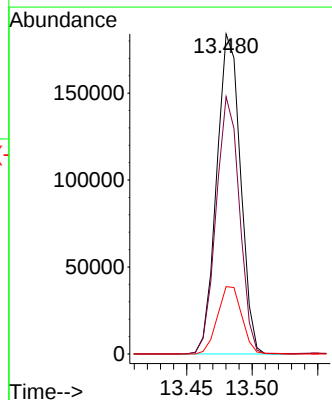
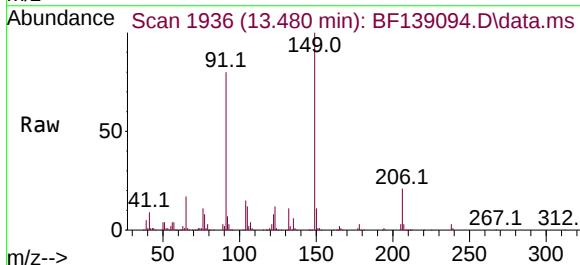
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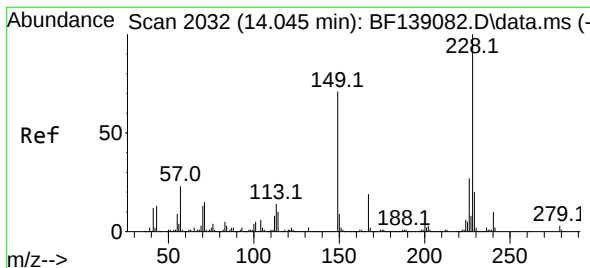
Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024



#80
 Butylbenzylphthalate
 Concen: 53.354 ng
 RT: 13.480 min Scan# 1936
 Delta R.T. -0.006 min
 Lab File: BF139094.D
 Acq: 21 Aug 2024 11:22

Tgt Ion:149 Resp: 231692
 Ion Ratio Lower Upper
 149 100
 91 80.4 62.1 93.1
 206 21.0 18.0 27.0





#81

Benzo(a)anthracene

Concen: 49.985 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139094.D

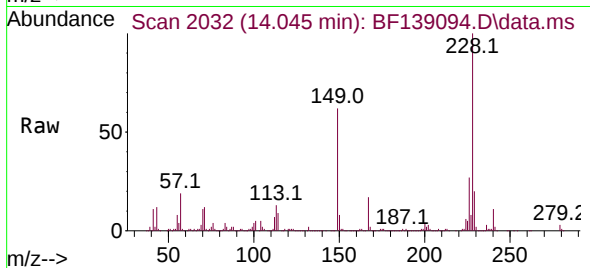
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



Tgt Ion:228 Resp: 494228

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

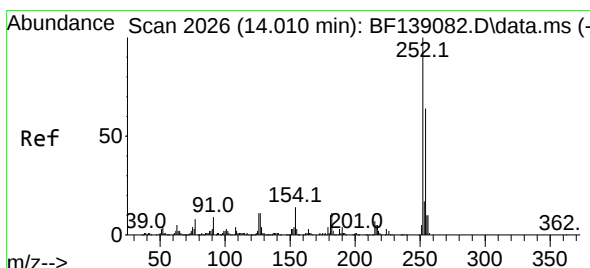
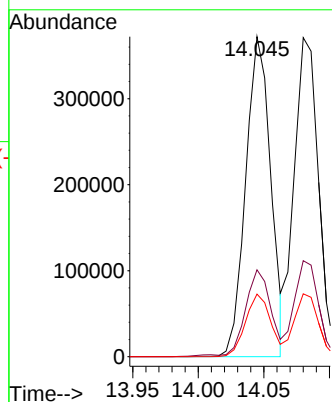
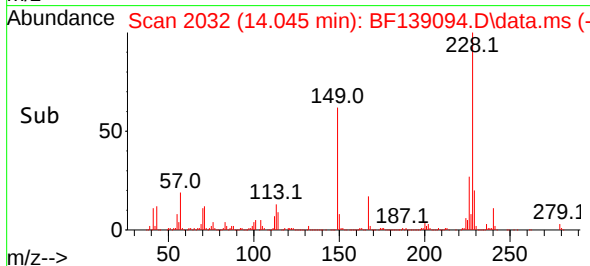
229 19.6 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#82

3,3'-Dichlorobenzidine

Concen: 51.135 ng

RT: 14.009 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

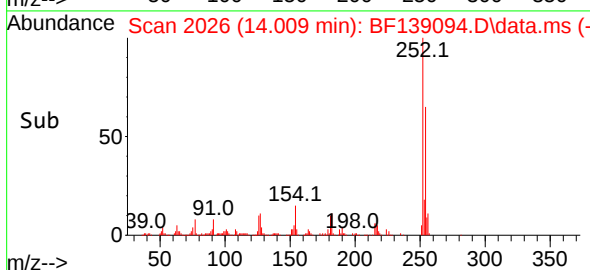
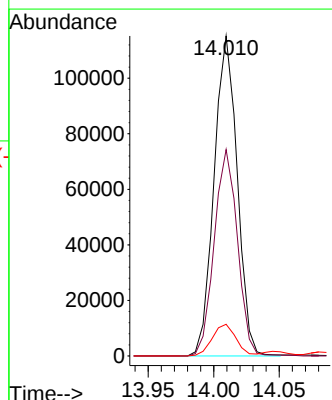
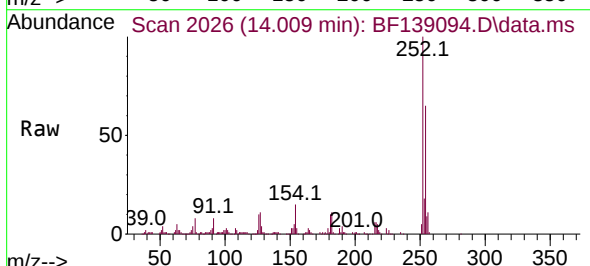
Tgt Ion:252 Resp: 141325

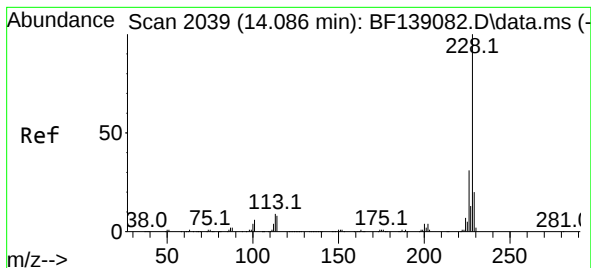
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 9.9 8.6 12.8





#83

Chrysene

Concen: 52.783 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF139094.D

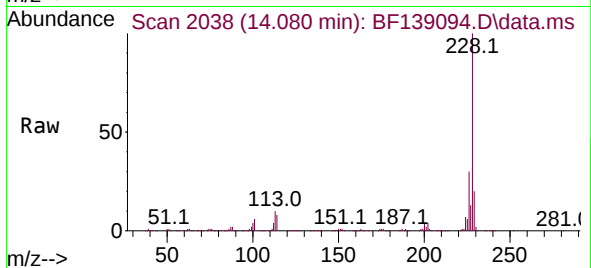
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



Tgt Ion:228 Resp: 473045

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

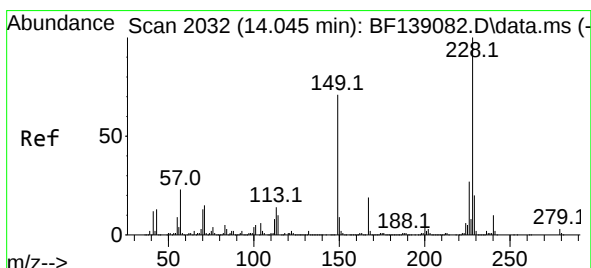
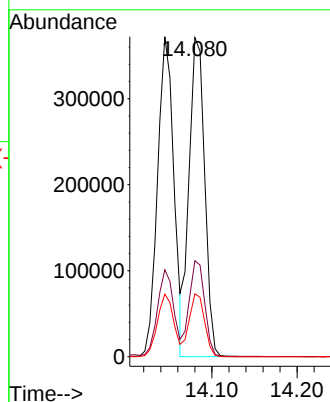
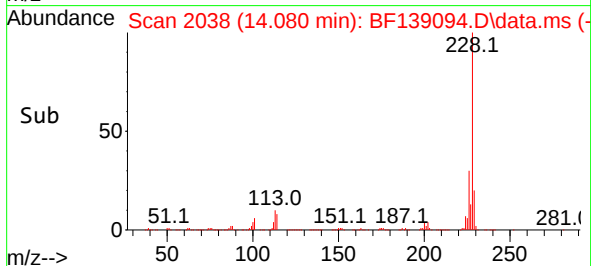
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.752 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

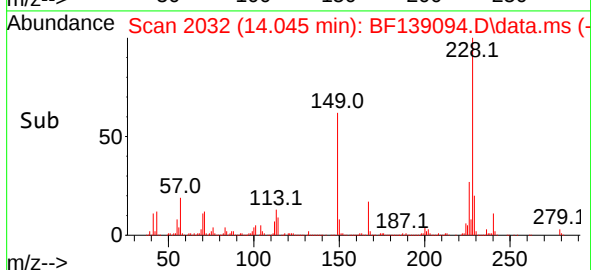
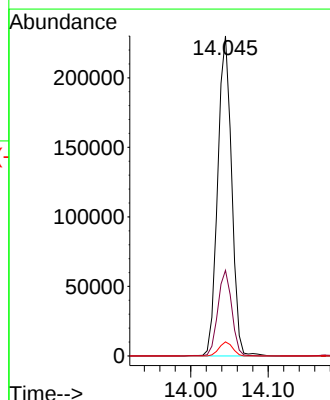
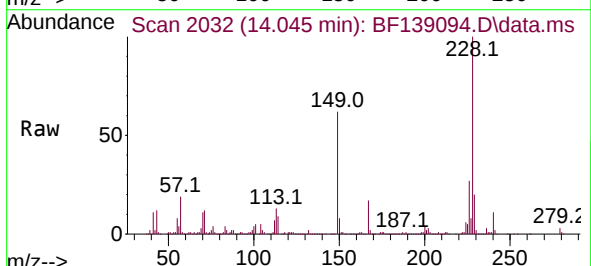
Tgt Ion:149 Resp: 286423

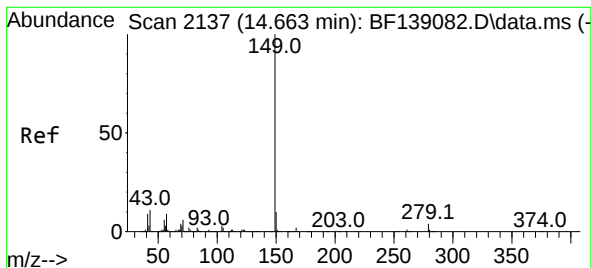
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.6

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 62.571 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139094.D

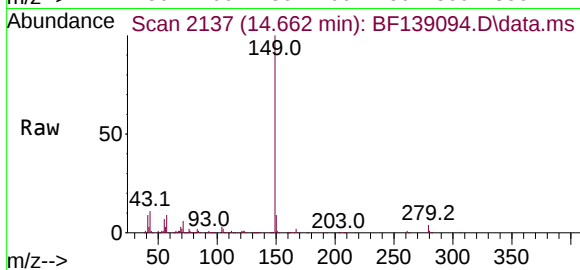
Acq: 21 Aug 2024 11:22

Instrument :

BNA_F

ClientSampleId :

914-J-SD-0-1-081624MS



Tgt Ion:149 Resp: 505579

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

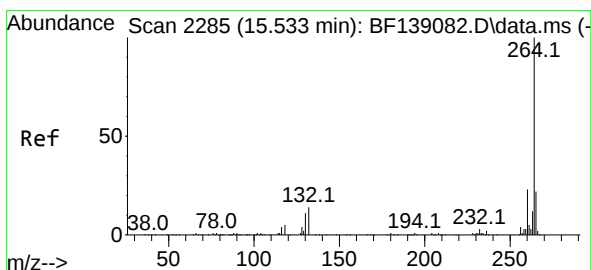
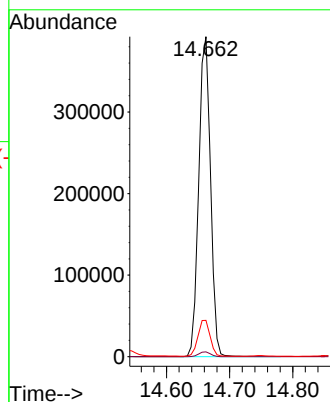
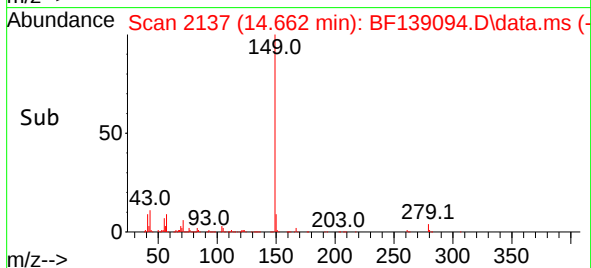
43 11.5 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/22/2024

Supervised By :mohammad ahmed 08/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139094.D

Acq: 21 Aug 2024 11:22

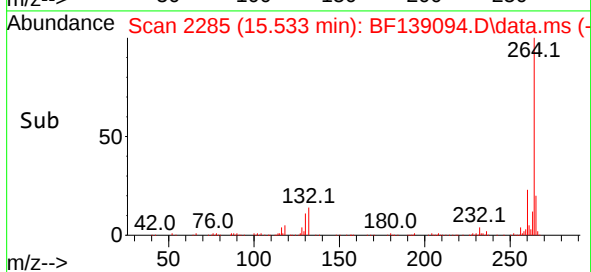
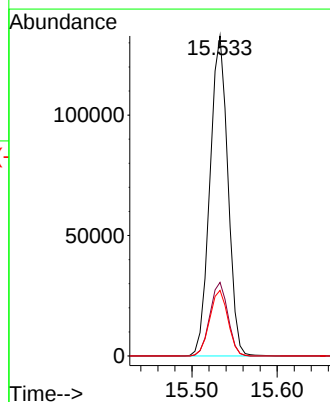
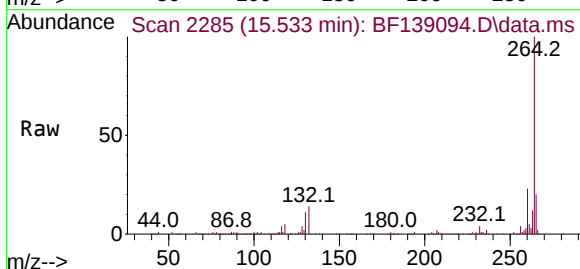
Tgt Ion:264 Resp: 194315

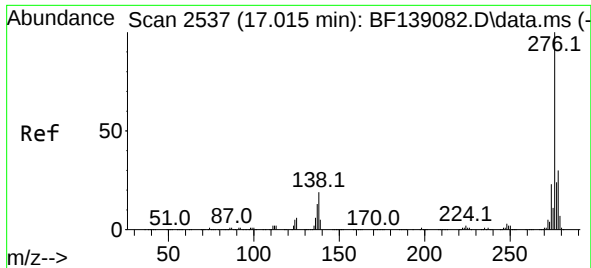
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

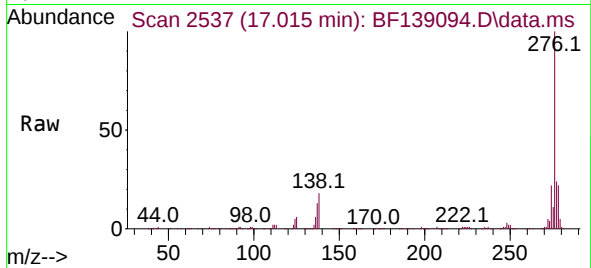
265 20.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.911 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

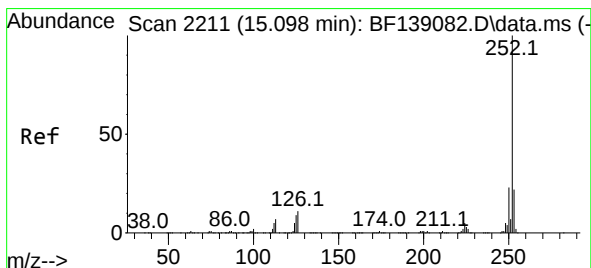
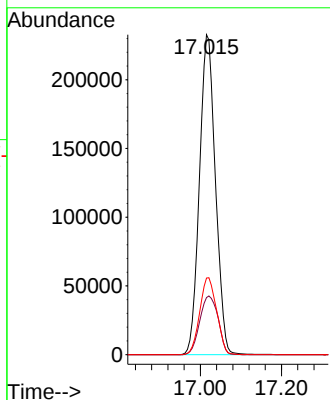
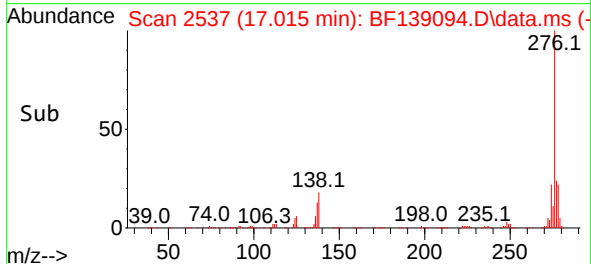
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



Tgt Ion:276 Resp: 63584
Ion Ratio Lower Upper
276 100
138 21.0 17.3 25.9
277 25.4 20.2 30.4

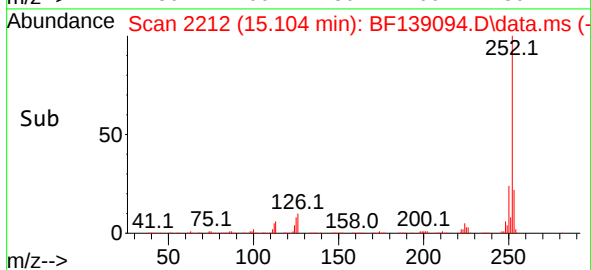
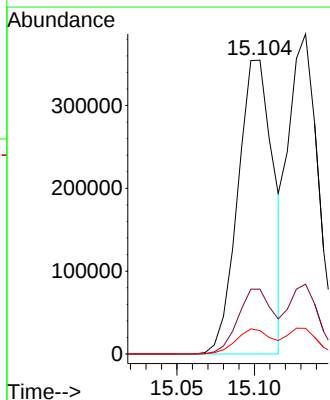
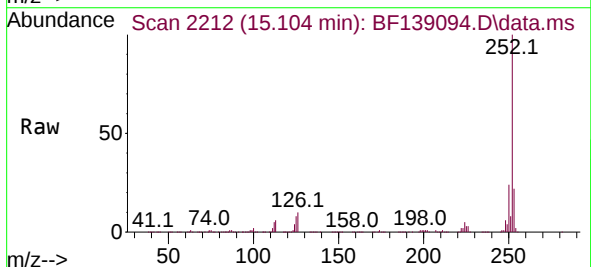
Manual Integrations
APPROVED

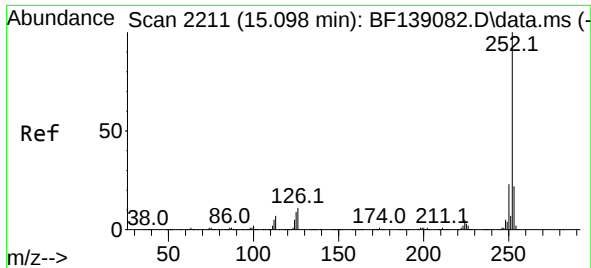
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#88
Benzo(b)fluoranthene
Concen: 44.556 ng
RT: 15.104 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

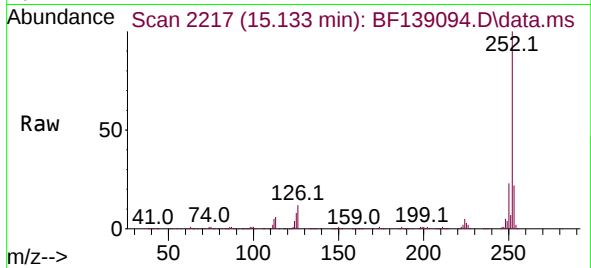
Tgt Ion:252 Resp: 564433
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.0 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 47.959 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

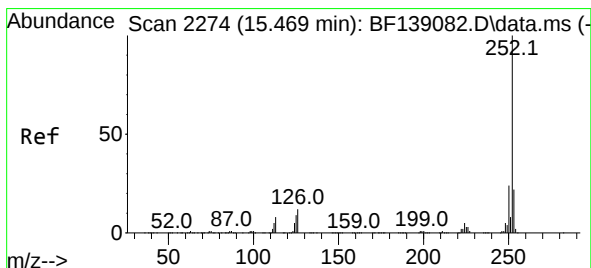
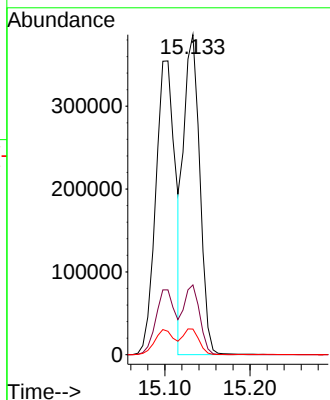
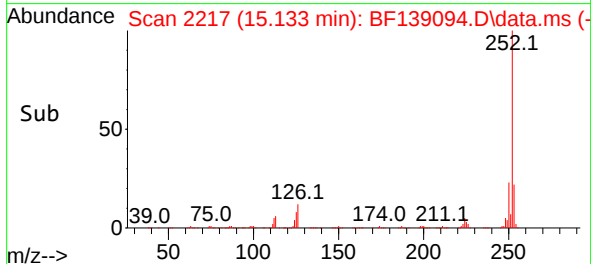
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



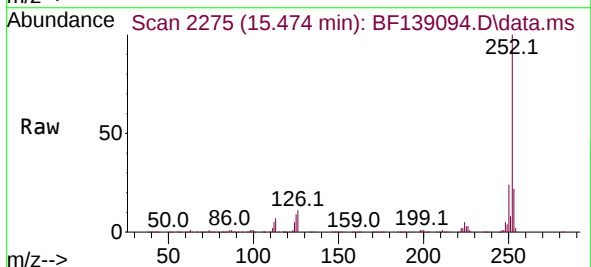
Tgt Ion:252 Resp: 506010
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 8.0 7.0 10.6

Manual Integrations
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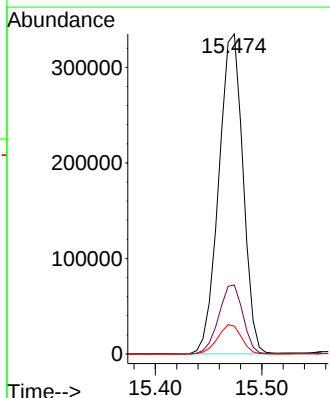
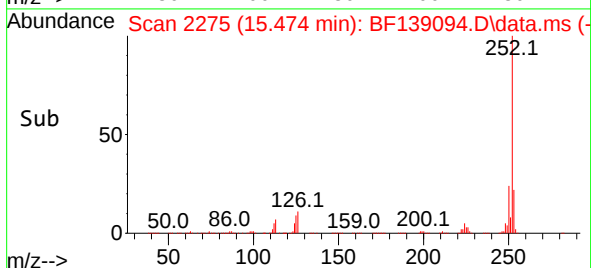
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

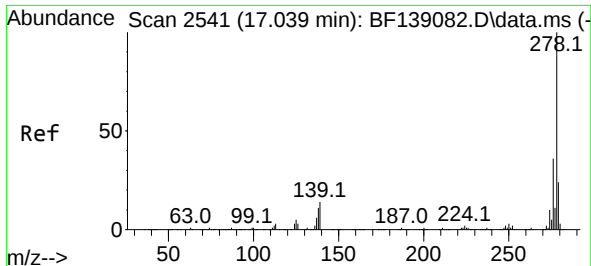


#90
Benzo(a)pyrene
Concen: 52.839 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



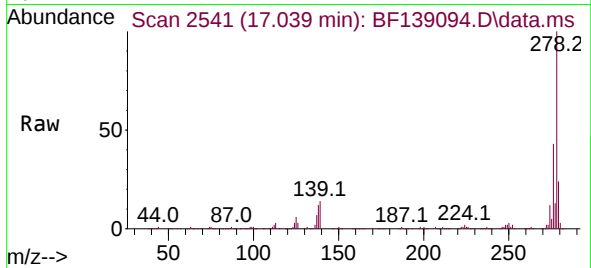
Tgt Ion:252 Resp: 528916
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 8.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 56.260 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22

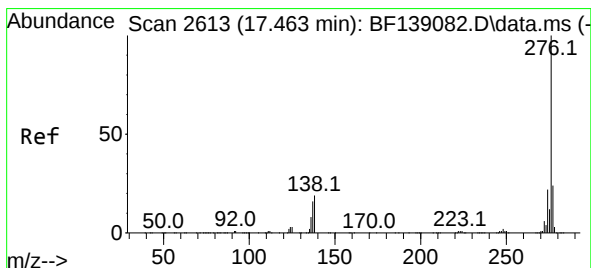
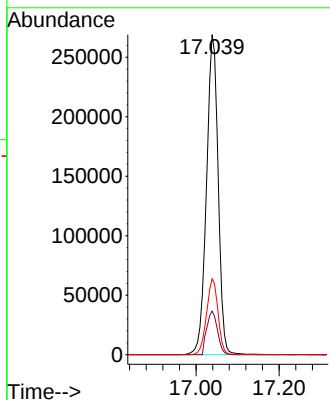
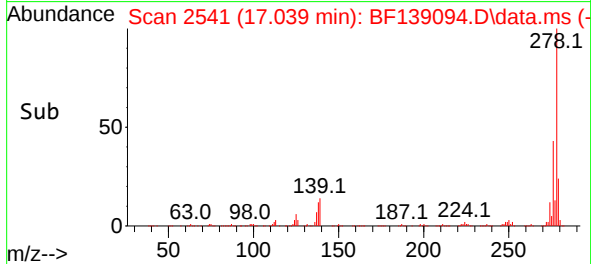
Instrument :
BNA_F
ClientSampleId :
914-J-SD-0-1-081624MS



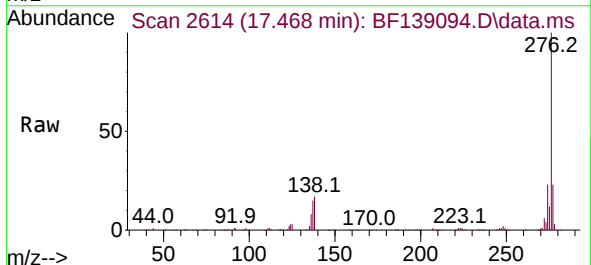
Tgt Ion:278 Resp: 52521
Ion Ratio Lower Upper
278 100
139 13.6 10.8 16.2
279 23.7 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024



#92
Benzo(g,h,i)perylene
Concen: 43.181 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.005 min
Lab File: BF139094.D
Acq: 21 Aug 2024 11:22



Tgt Ion:276 Resp: 457380
Ion Ratio Lower Upper
276 100
277 23.2 18.8 28.2
138 17.1 15.0 22.4

