

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138099.D
 Acq On : 03 Jun 2024 11:25
 Operator : CG\JU
 Sample : PB161242BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161242BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 12:51:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.033	152	151473	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	596301	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	348014	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	593658	20.000	ng	0.00
76) Chrysene-d12	14.233	240	353564	20.000	ng	# 0.00
86) Perylene-d12	15.798	264	309131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1093386	129.038	ng	0.02
7) Phenol-d6	6.669	99	1365903	125.181	ng	0.00
23) Nitrobenzene-d5	7.604	82	847000	82.769	ng	0.00
42) 2,4,6-Tribromophenol	10.886	330	497111	122.459	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1838120	78.292	ng	0.00
79) Terphenyl-d14	13.168	244	2091908	85.584	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.057	88	129520	35.208	ng	96
3) Pyridine	3.804	79	289795	35.651	ng	98
4) n-Nitrosodimethylamine	3.763	42	161290	45.173	ng	95
6) Aniline	6.722	93	50040	11.830	ng	97
8) 2-Chlorophenol	6.828	128	453255	46.629	ng	95
9) Benzaldehyde	6.592	77	262217	54.060	ng	99
10) Phenol	6.681	94	495121	45.802	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	463702	51.860	ng	97
12) 1,3-Dichlorobenzene	6.975	146	469830	41.595	ng	98
13) 1,4-Dichlorobenzene	7.051	146	474708	41.807	ng	98
14) 1,2-Dichlorobenzene	7.204	146	456353	42.475	ng	99
15) Benzyl Alcohol	7.181	79	330811	65.216	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	449774	45.639	ng	85
17) 2-Methylphenol	7.286	107	359733	46.104	ng	96
18) Hexachloroethane	7.545	117	161800	41.948	ng	95
19) n-Nitroso-di-n-propyla...	7.445	70	282717	44.683	ng	98
20) 3+4-Methylphenols	7.439	107	446610	45.533	ng	# 78
22) Acetophenone	7.445	105	584019	43.472	ng	98
24) Nitrobenzene	7.622	77	440453	43.244	ng	100
25) Isophorone	7.857	82	789639	44.725	ng	99
26) 2-Nitrophenol	7.933	139	252320	46.349	ng	99
27) 2,4-Dimethylphenol	7.963	122	336243	51.599	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	480986	44.517	ng	100
29) 2,4-Dichlorophenol	8.180	162	410536	46.941	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	412651	42.574	ng	99
31) Naphthalene	8.345	128	1314662	42.850	ng	100
32) Benzoic acid	8.110	122	263052	50.620	ng	100
33) 4-Chloroaniline	8.433	127	142204	13.734	ng	98
34) Hexachlorobutadiene	8.451	225	252106	40.269	ng	99
35) Caprolactam	8.780	113	112400m	42.520	ng	
36) 4-Chloro-3-methylphenol	8.875	107	406727	46.390	ng	98
37) 2-Methylnaphthalene	9.033	142	877438	43.467	ng	98
38) 1-Methylnaphthalene	9.139	142	814032	41.438	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	427614	43.288	ng	99
41) Hexachlorocyclopentadiene	9.186	237	412008	119.563	ng	98
43) 2,4,6-Trichlorophenol	9.316	196	290972	44.405	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	309409	43.307	ng	97
46) 1,1'-Biphenyl	9.504	154	1083222	43.276	ng	100
47) 2-Chloronaphthalene	9.533	162	835022	41.594	ng	98
48) 2-Nitroaniline	9.627	65	231469	46.045	ng	99
49) Acenaphthylene	9.951	152	1324733	46.109	ng	99
50) Dimethylphthalate	9.804	163	1021813	44.308	ng	99
51) 2,6-Dinitrotoluene	9.869	165	227195	42.913	ng	96
52) Acenaphthene	10.122	154	770391	42.338	ng	99
53) 3-Nitroaniline	10.045	138	158533	31.459	ng	94
54) 2,4-Dinitrophenol	10.151	184	260024	101.017	ng	98
55) Dibenzofuran	10.292	168	1209569	43.295	ng	100
56) 4-Nitrophenol	10.210	139	338426	100.759	ng	97
57) 2,4-Dinitrotoluene	10.274	165	313871	44.957	ng	95
58) Fluorene	10.639	166	956365	42.488	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	257822	45.800	ng	98
60) Diethylphthalate	10.504	149	963842	44.004	ng	99
61) 4-Chlorophenyl-phenyle...	10.627	204	480703	42.292	ng	98
62) 4-Nitroaniline	10.669	138	215676	47.141	ng	97
63) Azobenzene	10.786	77	836524	44.444	ng	100
65) 4,6-Dinitro-2-methylph...	10.686	198	177629	47.717	ng	92
66) n-Nitrosodiphenylamine	10.745	169	838895	45.425	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	302168	43.424	ng	# 90
68) Hexachlorobenzene	11.186	284	334601	43.274	ng	99
69) Atrazine	11.274	200	264531	51.883	ng	100
70) Pentachlorophenol	11.386	266	373410	93.285	ng	96
71) Phenanthrene	11.610	178	1332092	44.609	ng	100
72) Anthracene	11.663	178	1338230	44.935	ng	99
73) Carbazole	11.816	167	1214233	43.883	ng	99
74) Di-n-butylphthalate	12.127	149	1454282	44.040	ng	100
75) Fluoranthene	12.804	202	1359507	43.149	ng	100
77) Benzidine	12.933	184	25715m	7.881	ng	
78) Pyrene	13.033	202	1379865	45.940	ng	99
80) Butylbenzylphthalate	13.633	149	525531	48.192	ng	93
81) Benzo(a)anthracene	14.221	228	1079122	46.734	ng	98
82) 3,3'-Dichlorobenzidine	14.180	252	252742	40.860	ng	100
83) Chrysene	14.262	228	996729	45.716	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	718718	48.445	ng	98
85) Di-n-octyl phthalate	14.815	149	1048480	48.224	ng	99
87) Indeno(1,2,3-cd)pyrene	17.445	276	957046	51.364	ng	99
88) Benzo(b)fluoranthene	15.333	252	905655	47.555	ng	99
89) Benzo(k)fluoranthene	15.362	252	887046	49.022	ng	99
90) Benzo(a)pyrene	15.739	252	807088	50.698	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	792491	51.842	ng	99
92) Benzo(g,h,i)perylene	17.945	276	743032	47.854	ng	99

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

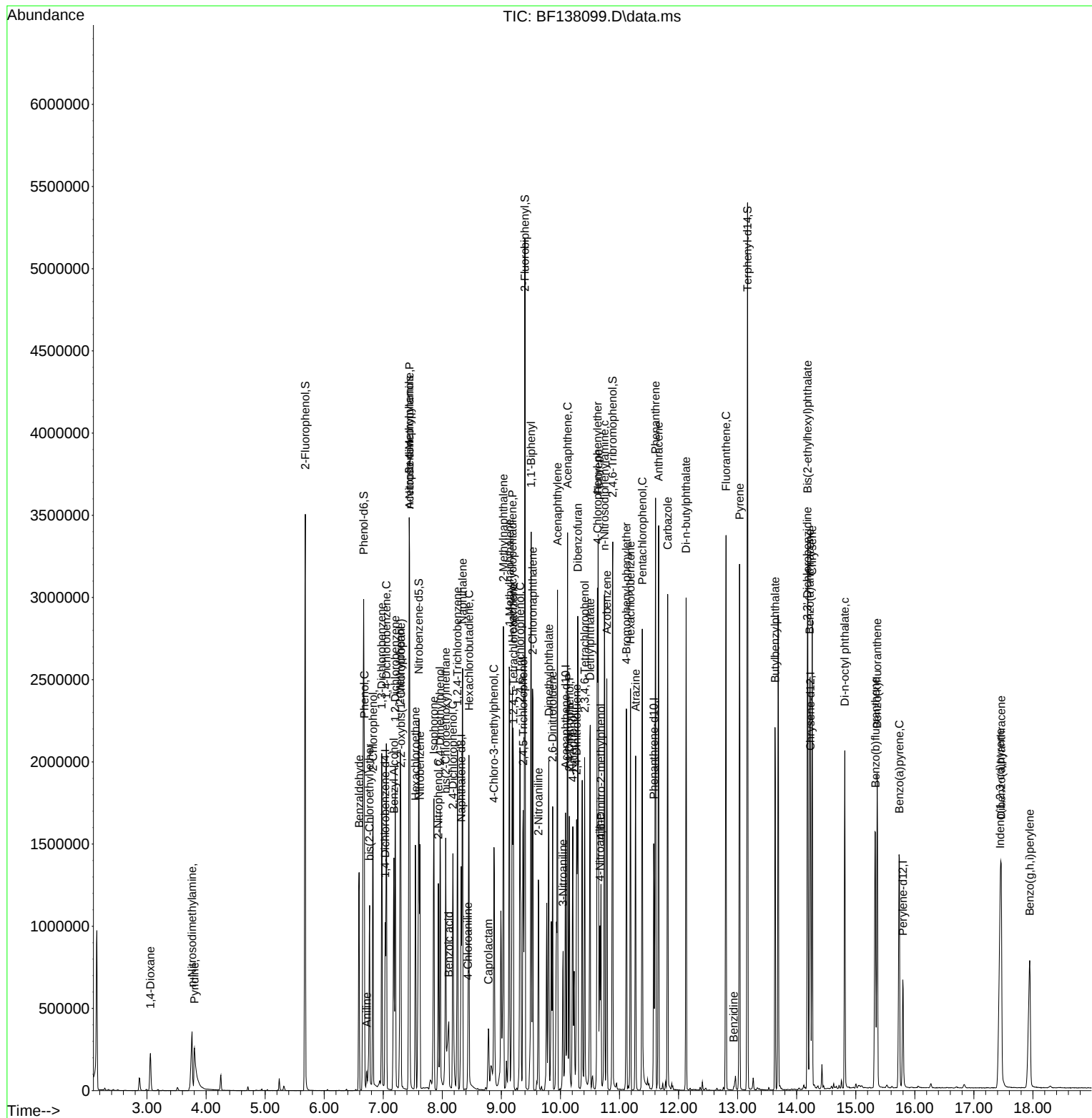
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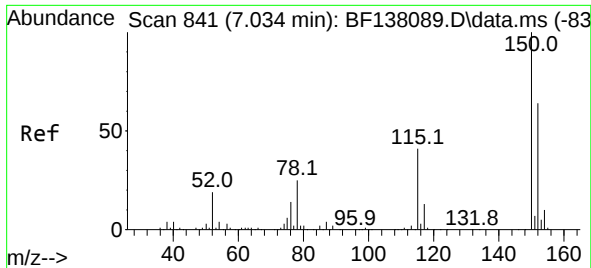
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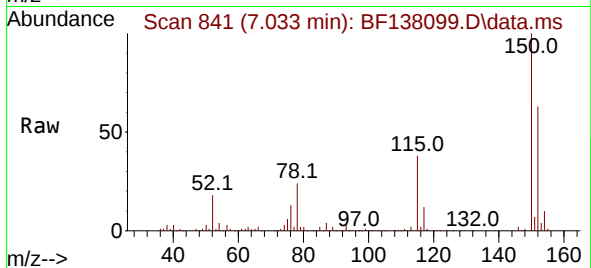
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.033 min Scan# 841
Delta R.T. -0.001 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

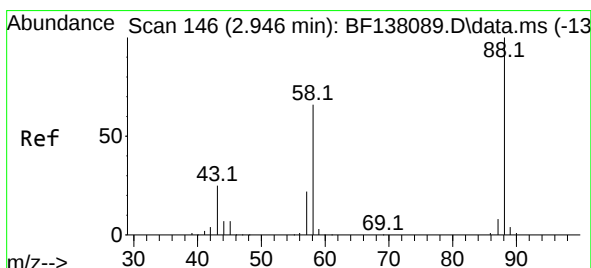
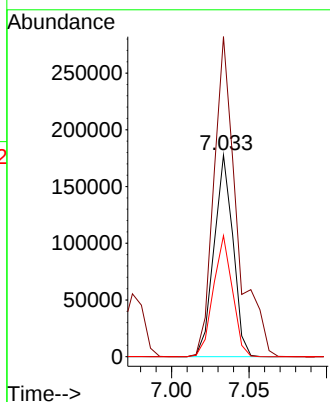
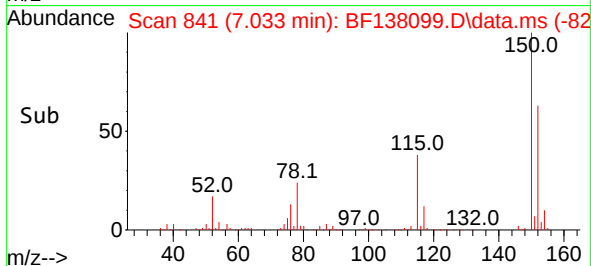


Tgt Ion:152 Resp: 15147
Ion Ratio Lower Upper
152 100
150 158.7 125.4 188.0
115 60.0 51.6 77.4

Manual Integrations

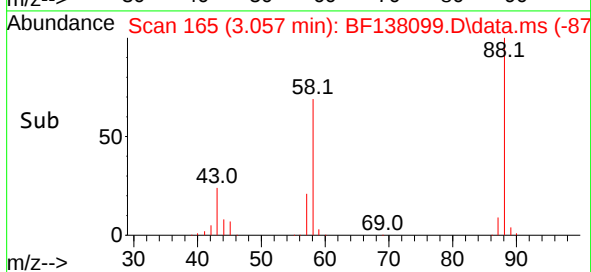
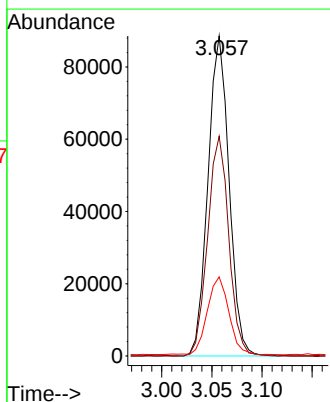
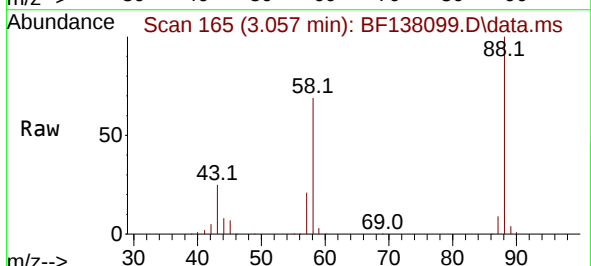
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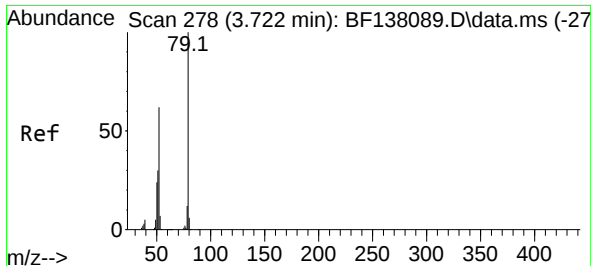
Reviewed By :Jagrut Upadhyay 06/04/2024
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#2
1,4-Dioxane
Concen: 35.208 ng
RT: 3.057 min Scan# 165
Delta R.T. 0.112 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

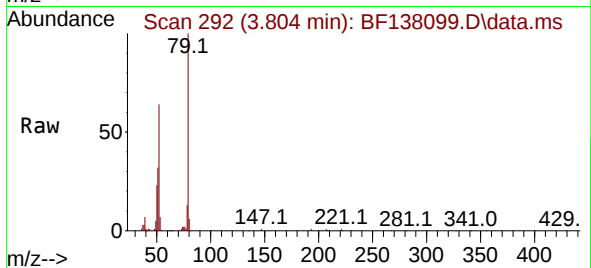
Tgt Ion: 88 Resp: 129520
Ion Ratio Lower Upper
88 100
58 69.0 52.2 78.4
43 24.9 19.4 29.2





#3
Pyridine
Concen: 35.651 ng
RT: 3.804 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

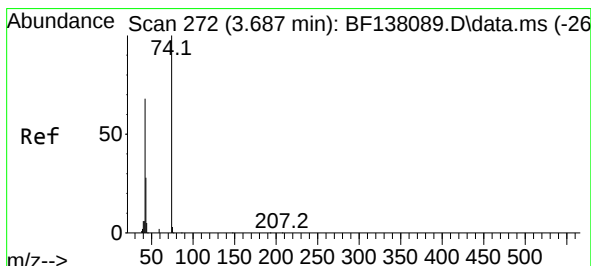
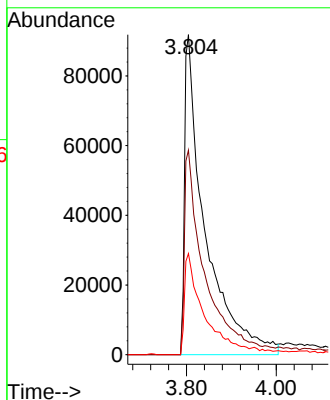
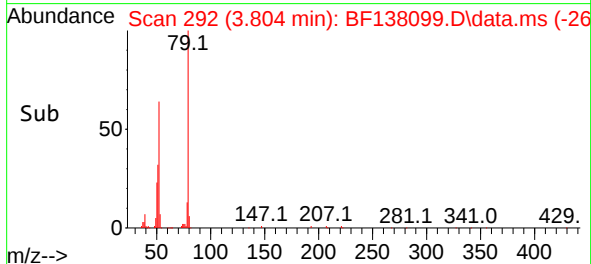
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BNA_F
ClientSampleId :
PB161242BS



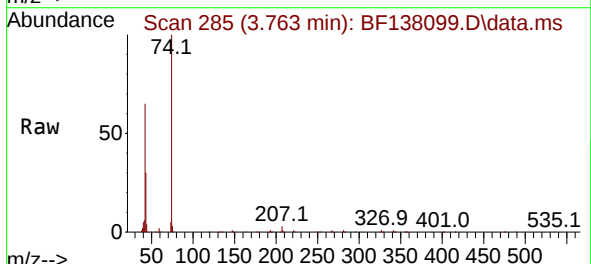
Tgt Ion: 79 Resp: 28979
Ion Ratio Lower Upper
79 100
52 63.9 49.8 74.6
51 31.6 24.4 36.6

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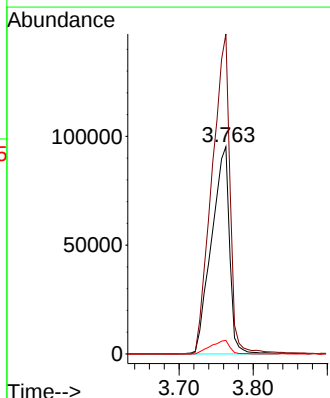
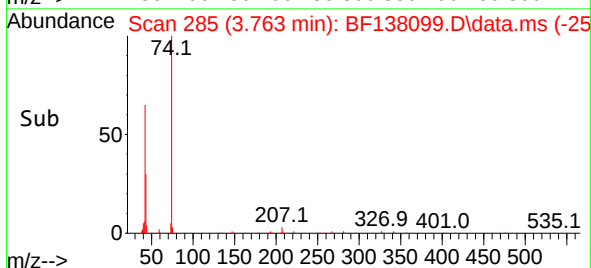
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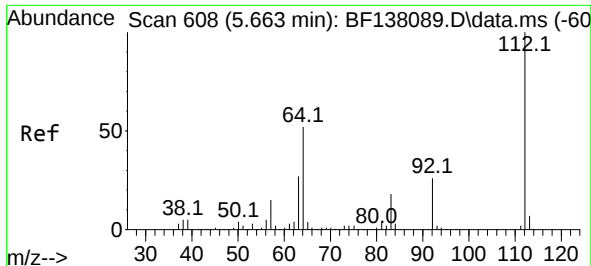


#4
n-Nitrosodimethylamine
Concen: 45.173 ng
RT: 3.763 min Scan# 285
Delta R.T. 0.076 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



Tgt Ion: 42 Resp: 161290
Ion Ratio Lower Upper
42 100
74 154.5 118.6 177.8
44 6.6 5.4 8.2





#5
2-Fluorophenol
Concen: 129.038 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

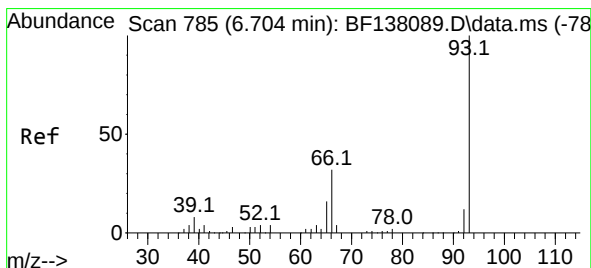
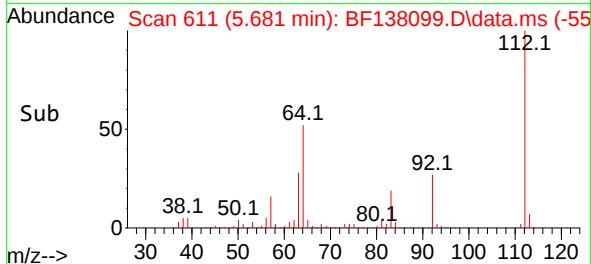
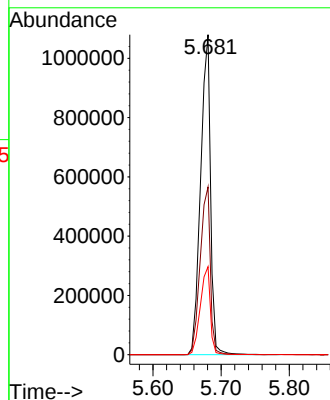
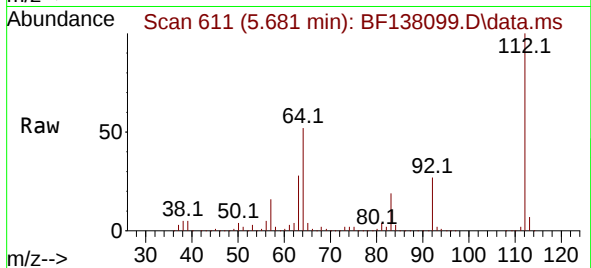
PB161242BS

Tgt Ion:112 Resp: 109338
Ion Ratio Lower Upper
112 100
64 52.4 41.4 62.2
63 27.5 21.5 32.3

Manual Integrations

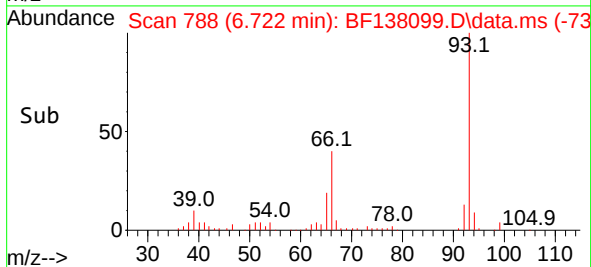
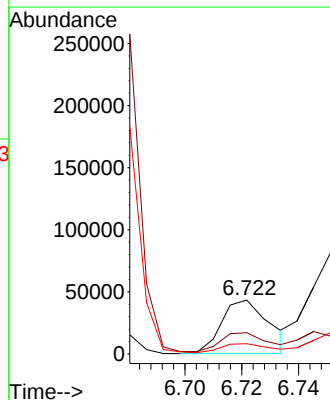
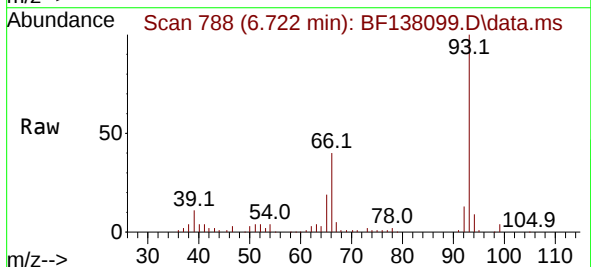
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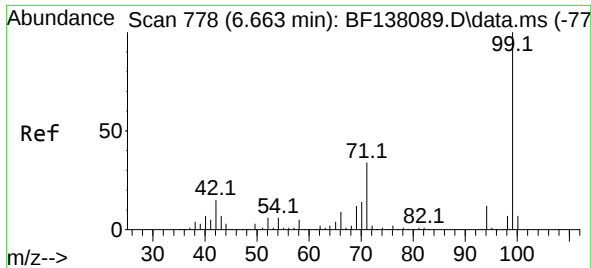
Reviewed By :Jagrut Upadhyay 06/04/2024
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#6
Aniline
Concen: 11.830 ng
RT: 6.722 min Scan# 788
Delta R.T. 0.018 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

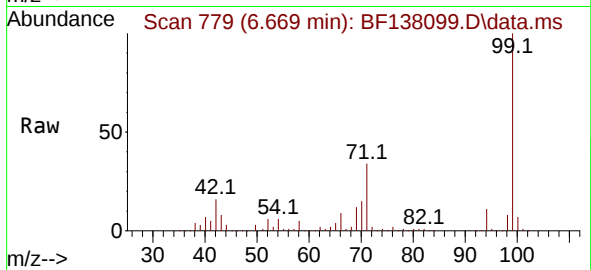
Tgt Ion: 93 Resp: 50040
Ion Ratio Lower Upper
93 100
66 39.5 30.4 45.6
65 18.9 16.2 24.4





#7
Phenol-d6
Concen: 125.181 ng
RT: 6.669 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138099.D
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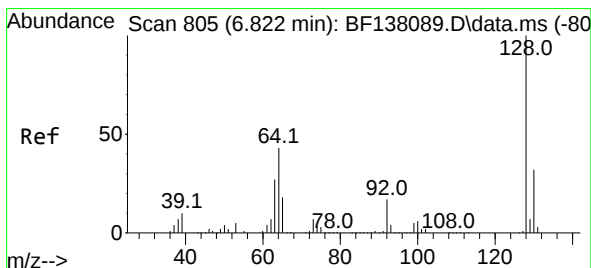
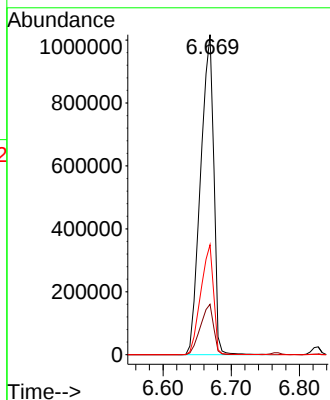
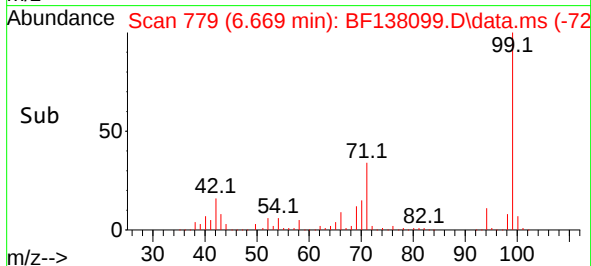
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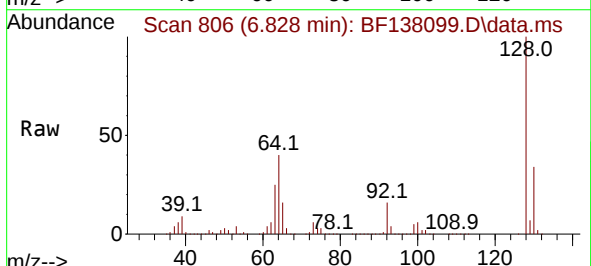
Tgt Ion: 99 Resp: 136590
Ion Ratio Lower Upper
99 100
42 15.8 11.9 17.9
71 34.4 26.8 40.2

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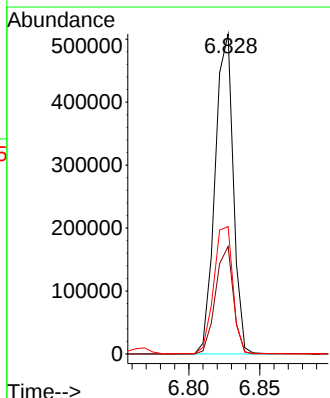
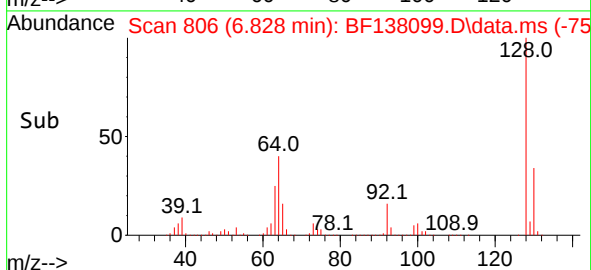
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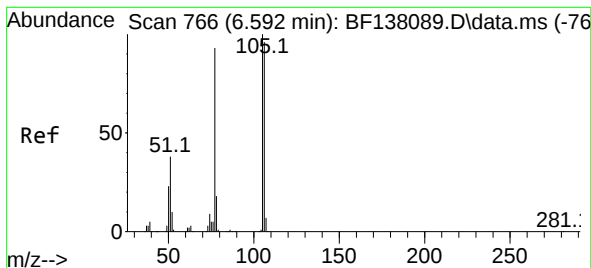


#8
2-Chlorophenol
Concen: 46.629 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



Tgt Ion:128 Resp: 453255
Ion Ratio Lower Upper
128 100
130 33.6 12.3 52.3
64 39.8 24.0 64.0





#9

Benzaldehyde

Concen: 54.060 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.000 min

Lab File: BF138099.D

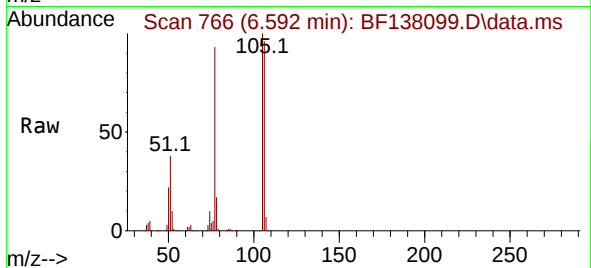
Acq: 03 Jun 2024 11:25

Instrument :

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Tgt Ion: 77 Resp: 26221

Ion Ratio Lower Upper

77 100

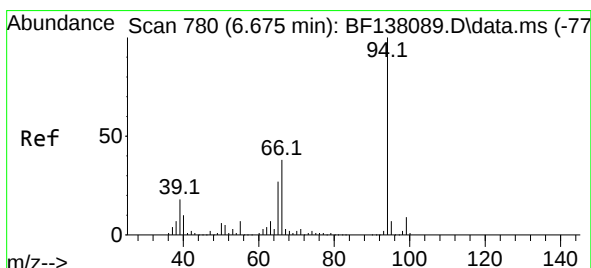
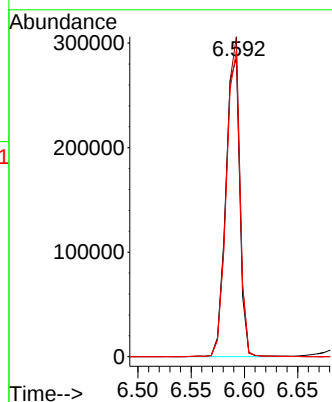
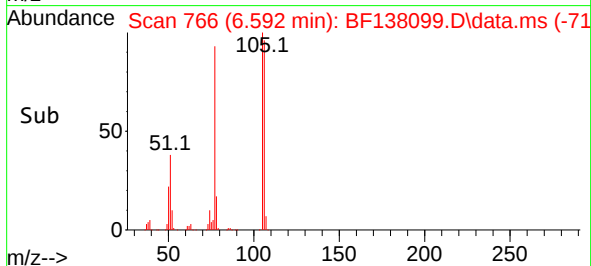
105 107.1 88.0 128.0

106 102.4 83.7 123.7

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#10

Phenol

Concen: 45.802 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.006 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

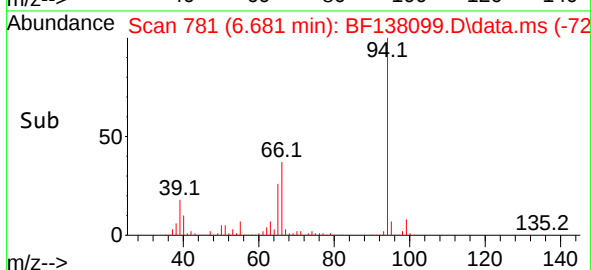
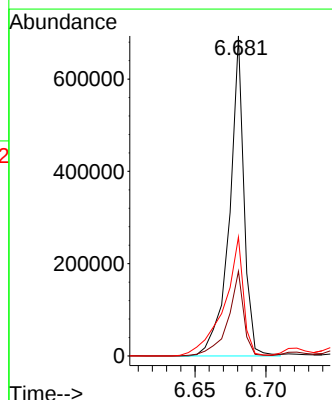
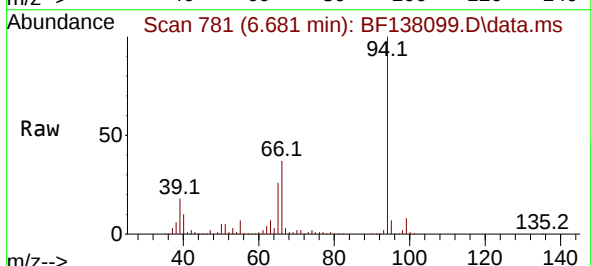
Tgt Ion: 94 Resp: 495121

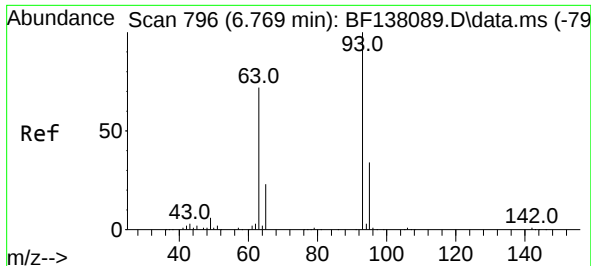
Ion Ratio Lower Upper

94 100

65 26.4 6.7 46.7

66 37.2 18.4 58.4





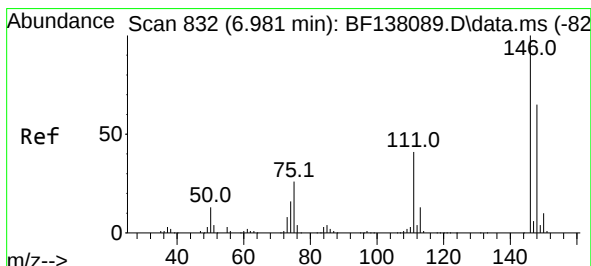
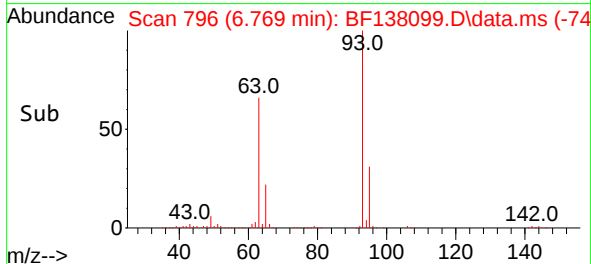
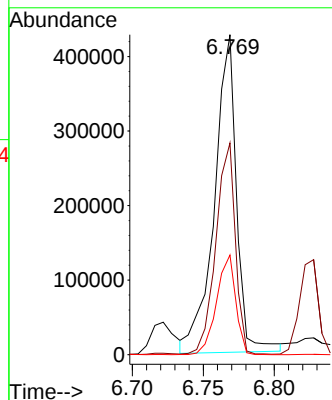
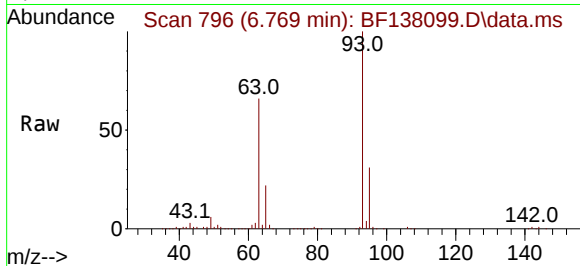
#11
bis(2-Chloroethyl)ether
Concen: 51.860 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :
BNA_F
ClientSampleId :
PB161242BS

Tgt Ion: 93 Resp: 463702
Ion Ratio Lower Upper
93 100
63 66.2 48.7 88.7
95 31.2 12.5 52.5

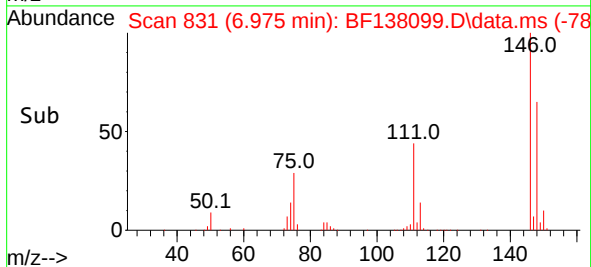
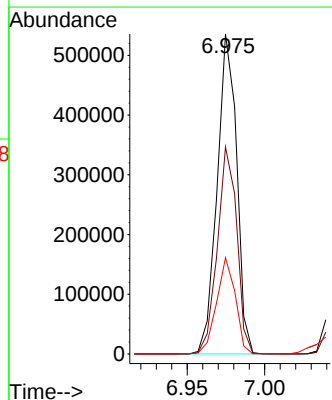
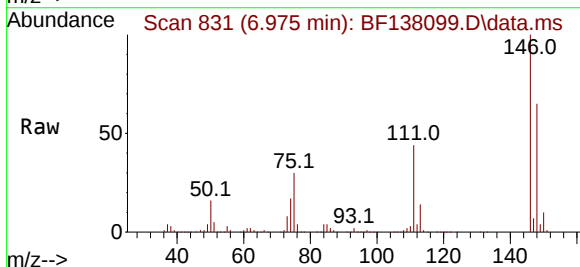
Manual Integrations
APPROVED

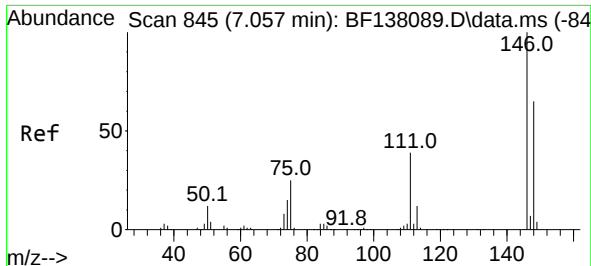
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#12
1,3-Dichlorobenzene
Concen: 41.595 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:146 Resp: 469830
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 30.1 20.9 31.3





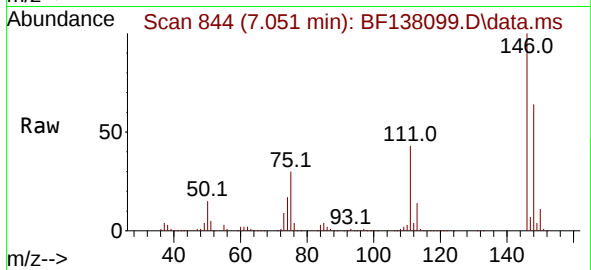
#13
1,4-Dichlorobenzene
Concen: 41.807 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

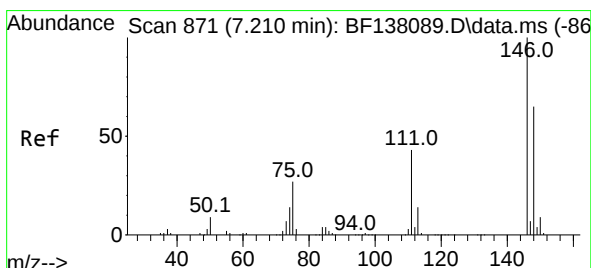
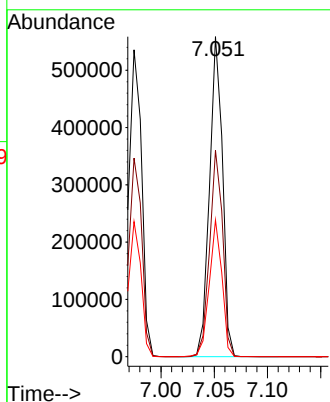
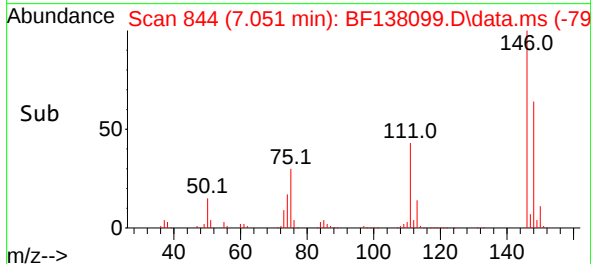


Tgt Ion:146 Resp: 474708
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
111 42.7 31.4 47.2

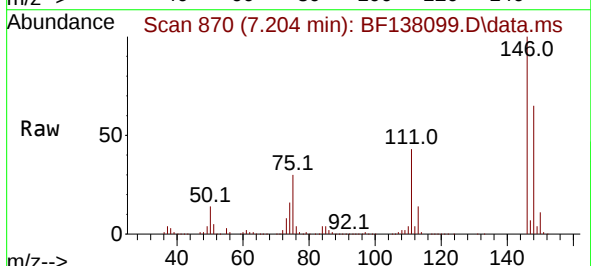
Manual Integrations

APPROVED

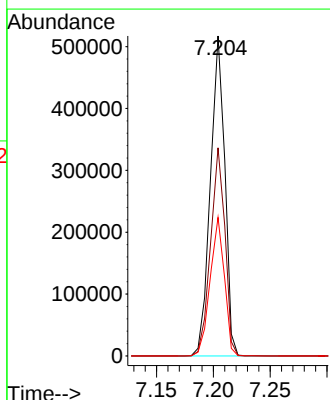
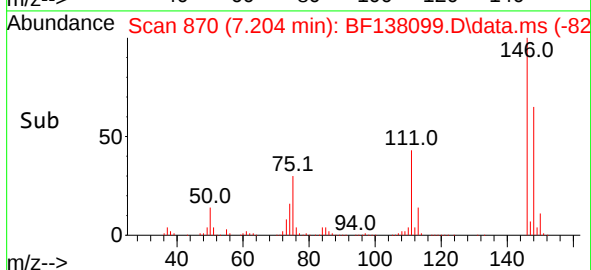
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

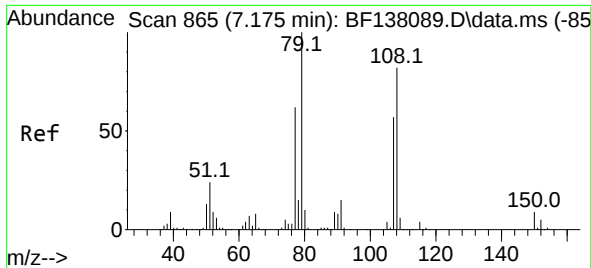


#14
1,2-Dichlorobenzene
Concen: 42.475 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



Tgt Ion:146 Resp: 456353
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
111 43.3 34.0 51.0





#15
Benzyl Alcohol
Concen: 65.216 ng
RT: 7.181 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

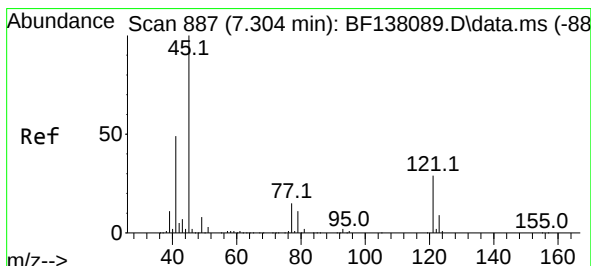
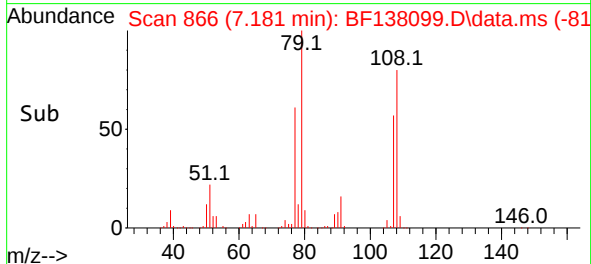
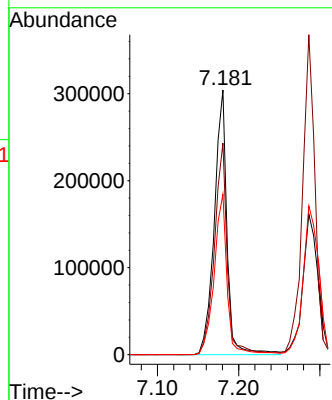
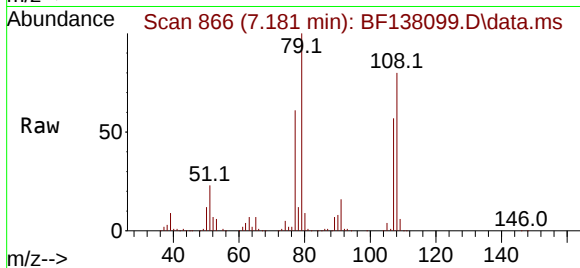
ClientSampleId :

PB161242BS

Tgt Ion: 79 Resp: 33081
Ion Ratio Lower Upper
79 100
108 80.0 65.5 98.3
77 60.6 49.6 74.4

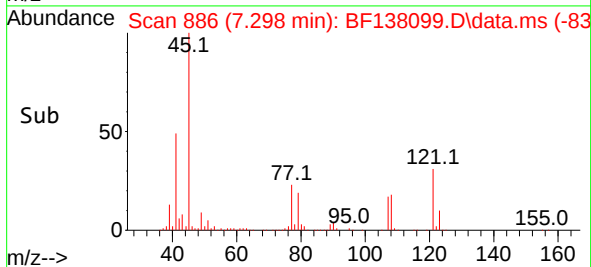
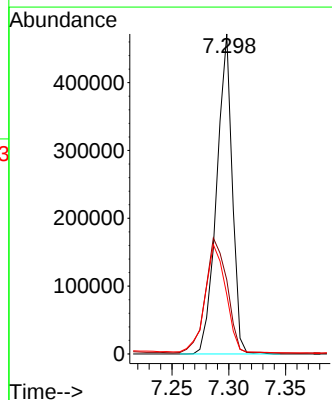
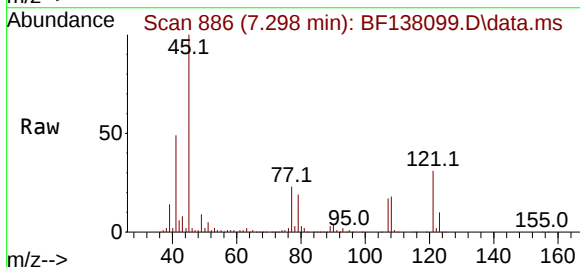
Manual Integrations
APPROVED

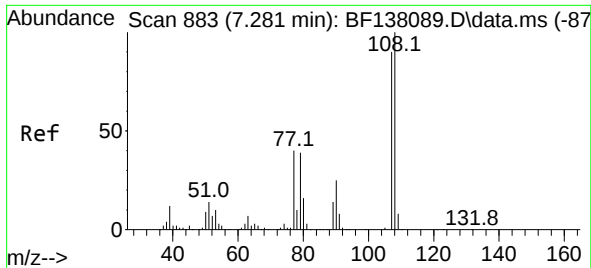
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.639 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion: 45 Resp: 449774
Ion Ratio Lower Upper
45 100
77 23.2 0.0 36.6
79 18.6 0.0 32.9





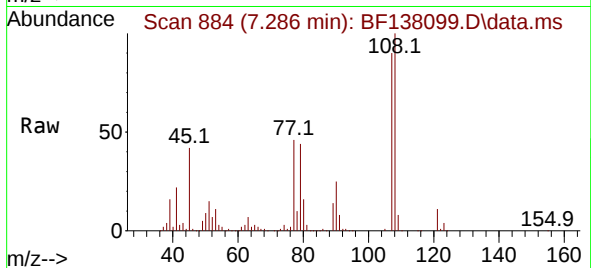
#17
2-Methylphenol
Concen: 46.104 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

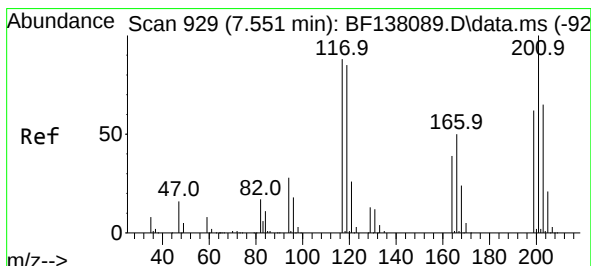
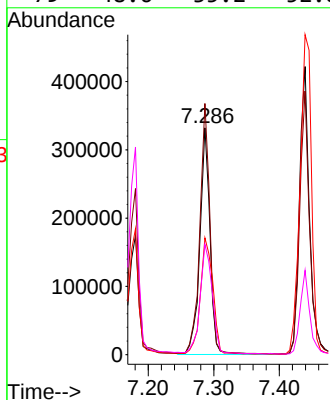
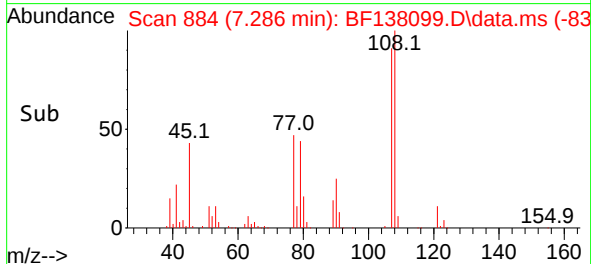


Tgt Ion:107 Resp: 359733
Ion Ratio Lower Upper
107 100
108 110.7 89.0 133.6
77 51.5 35.6 53.4
79 48.6 35.2 52.8

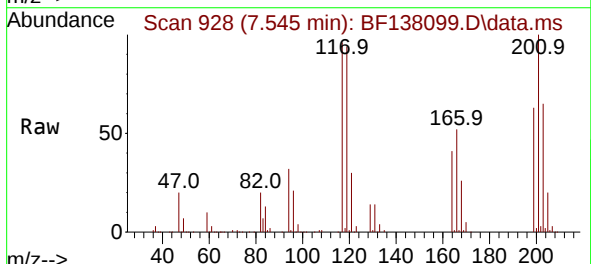
Manual Integrations

APPROVED

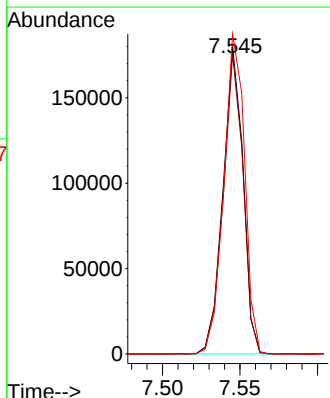
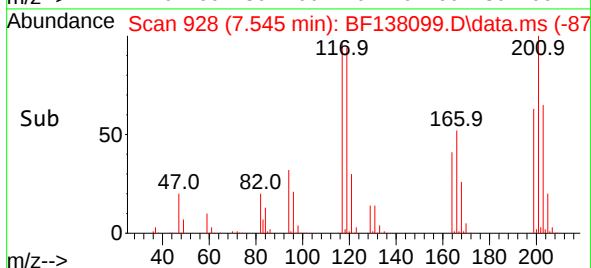
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

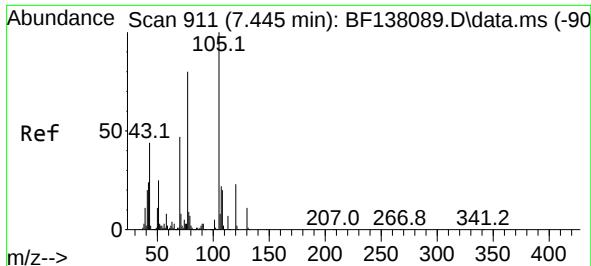


#18
Hexachloroethane
Concen: 41.948 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



Tgt Ion:117 Resp: 161800
Ion Ratio Lower Upper
117 100
119 97.3 77.3 115.9
201 103.9 90.8 136.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.683 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

Tgt Ion: 70 Resp: 28271

Ion Ratio Lower Upper

70 100

42 53.3 41.4 62.0

101 10.5 8.1 12.1

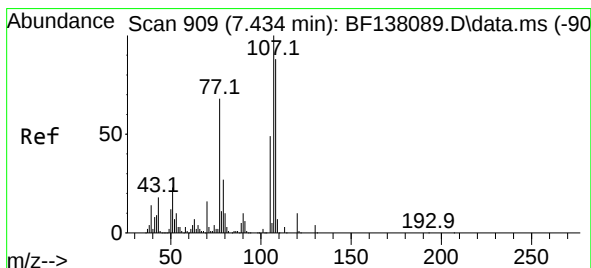
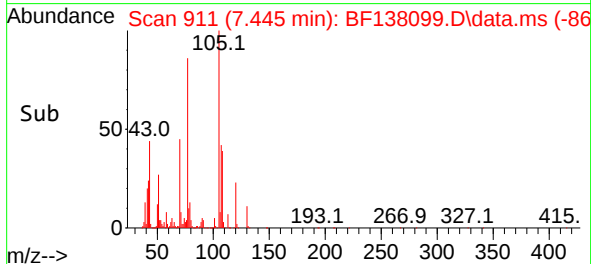
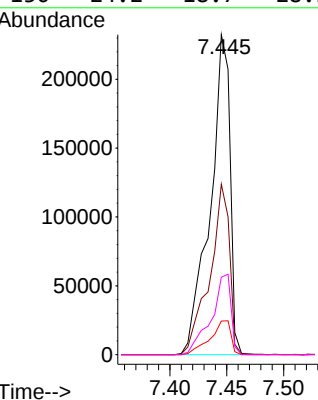
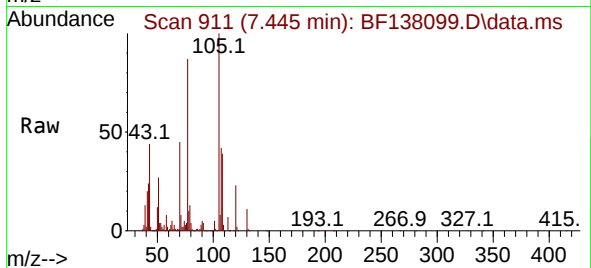
130 24.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024

Supervised By :mohammad ahmed 06/05/2024



#20

3+4-Methylphenols

Concen: 45.533 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

Tgt Ion:107 Resp: 446610

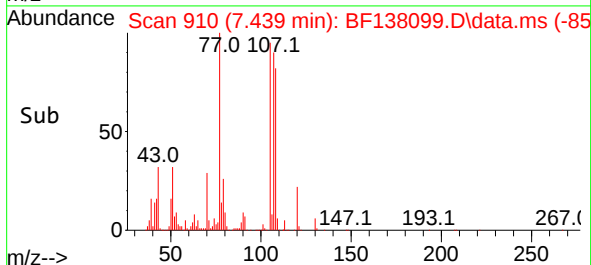
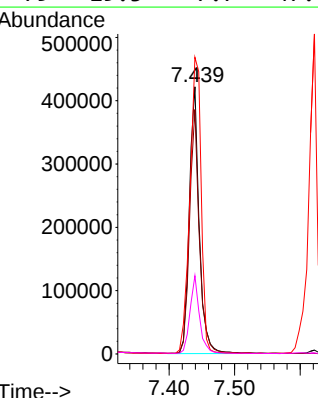
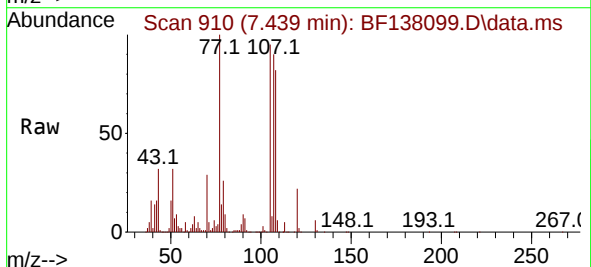
Ion Ratio Lower Upper

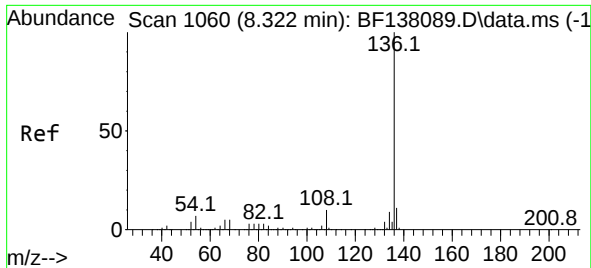
107 100

108 91.5 68.2 108.2

77 111.1 48.4 88.4#

79 29.3 7.7 47.7





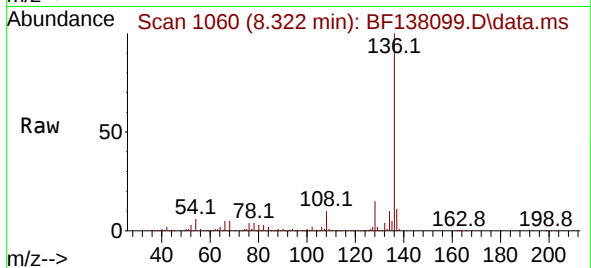
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

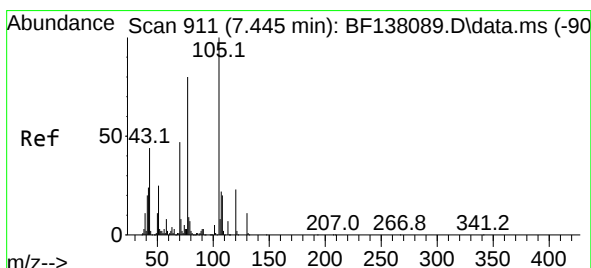
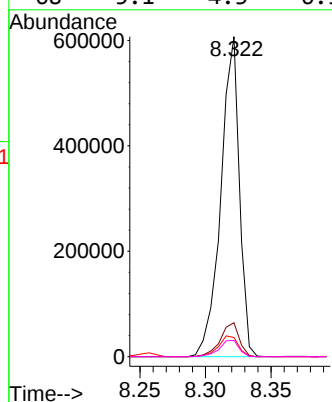
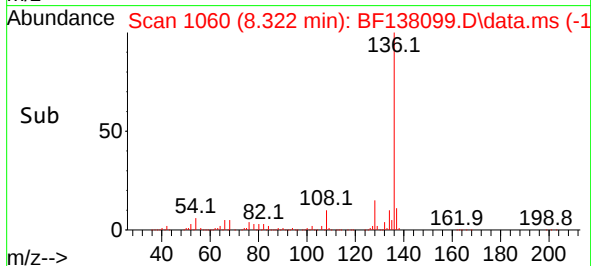


Tgt Ion:136 Resp: 59630
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.0 5.4 8.0
68 5.1 4.3 6.5

Manual Integrations

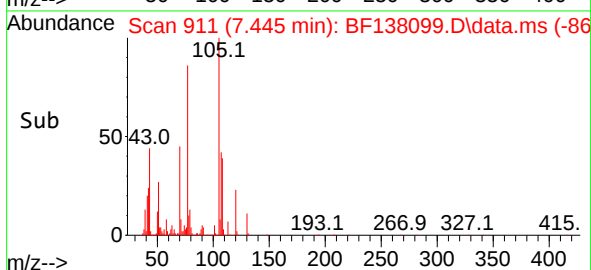
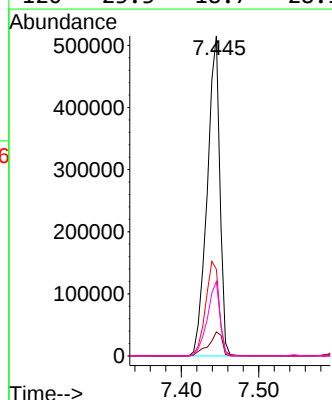
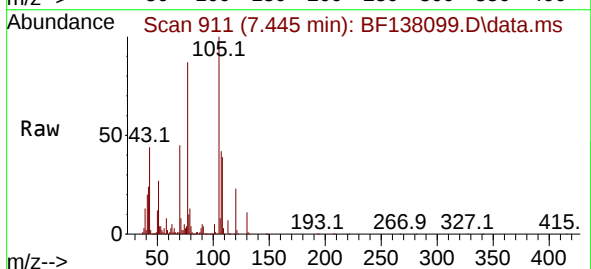
APPROVED

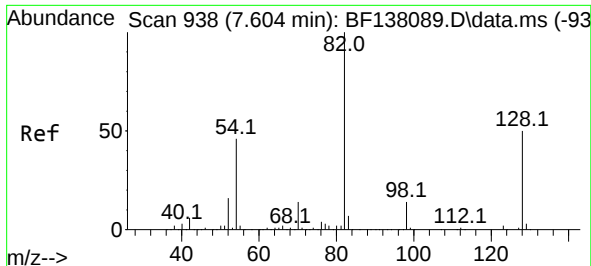
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#22
Acetophenone
Concen: 43.472 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:105 Resp: 584019
Ion Ratio Lower Upper
105 100
71 7.5 6.2 9.4
51 27.1 20.0 30.0
120 23.3 18.7 28.1





#23
Nitrobenzene-d5
Concen: 82.769 ng
RT: 7.604 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

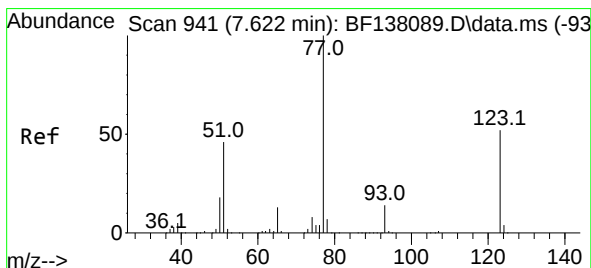
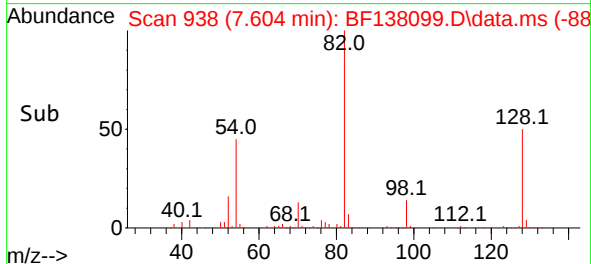
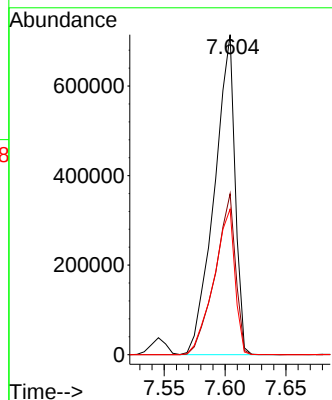
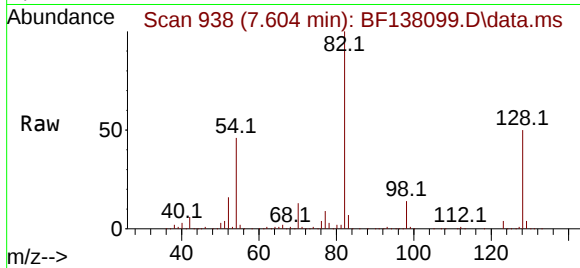
ClientSampleId :

PB161242BS

Tgt Ion: 82 Resp: 847000
Ion Ratio Lower Upper
82 100
128 50.3 39.9 59.9
54 45.5 37.0 55.4

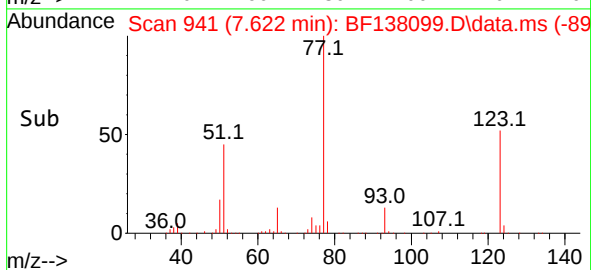
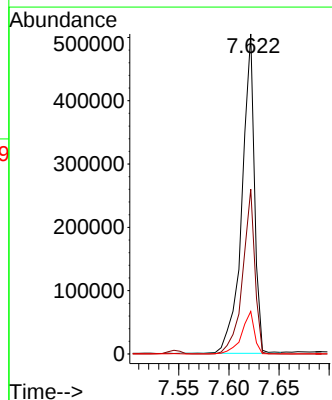
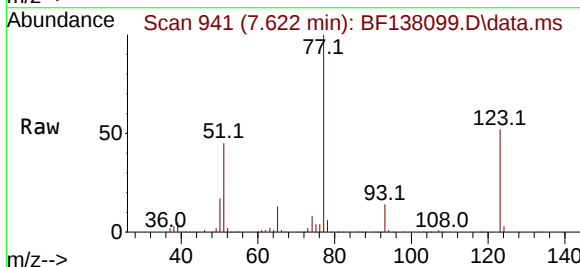
Manual Integrations
APPROVED

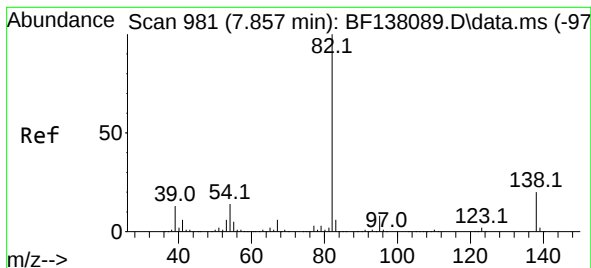
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#24
Nitrobenzene
Concen: 43.244 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion: 77 Resp: 440453
Ion Ratio Lower Upper
77 100
123 51.5 41.4 62.0
65 13.3 10.6 15.8





#25

Isophorone

Concen: 44.725 ng

RT: 7.857 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

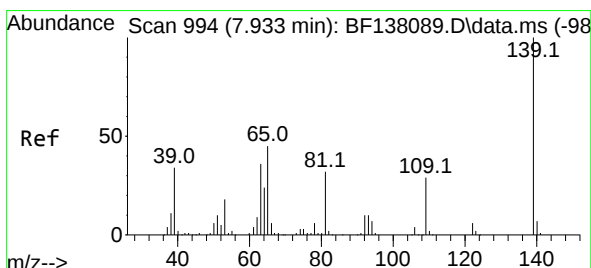
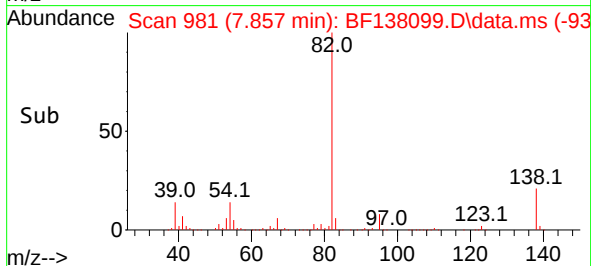
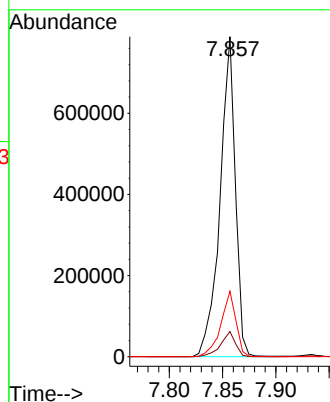
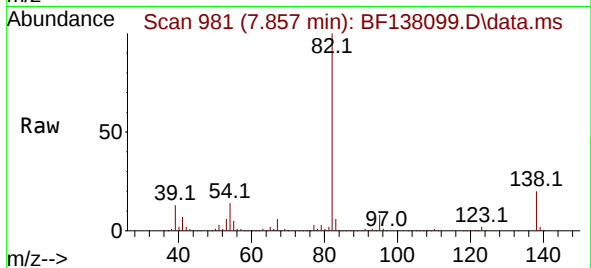
PB161242BS

Tgt Ion:	82	Resp:	789639
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.1	9.1
138	20.4	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#26

2-Nitrophenol

Concen: 46.349 ng

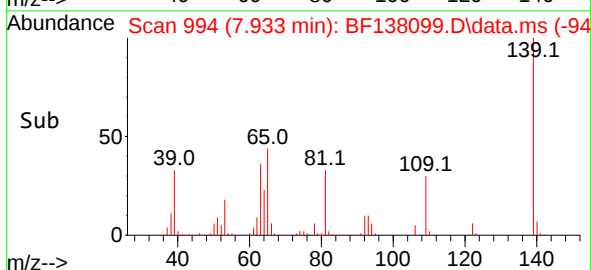
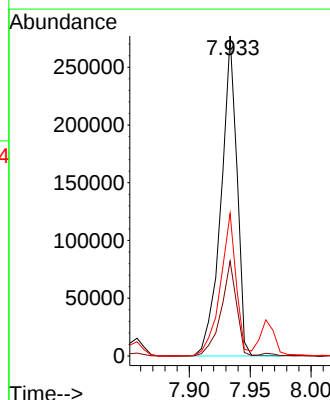
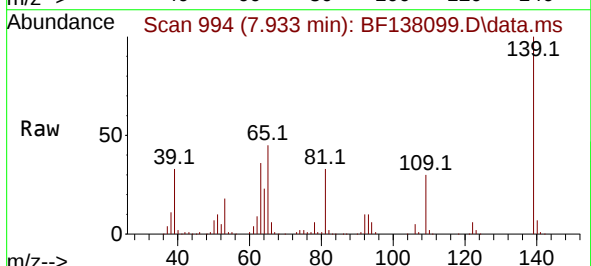
RT: 7.933 min Scan# 994

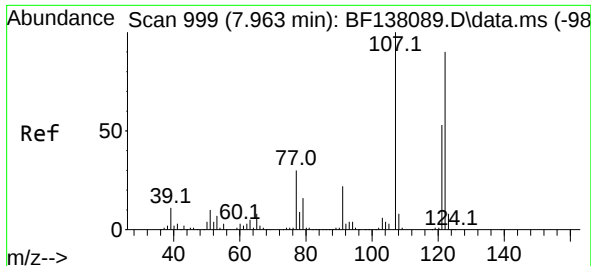
Delta R.T. -0.000 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

Tgt Ion:	139	Resp:	252320
Ion Ratio	Lower	Upper	
139	100		
109	29.6	23.1	34.7
65	44.6	35.7	53.5





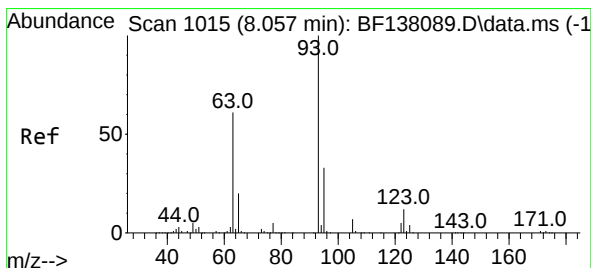
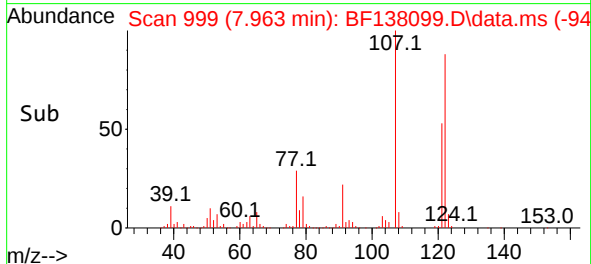
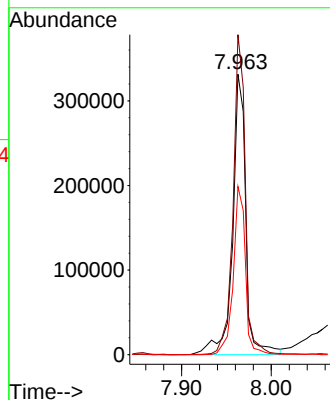
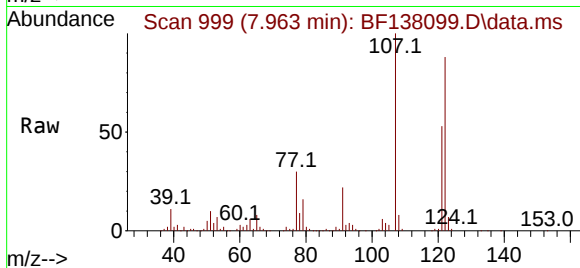
#27
2,4-Dimethylphenol
Concen: 51.599 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :
BNA_F
ClientSampleId :
PB161242BS

Tgt Ion:122 Resp: 33624
Ion Ratio Lower Upper
122 100
107 114.1 88.8 133.2
121 59.9 46.6 69.8

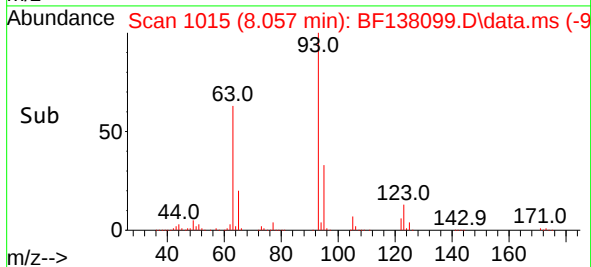
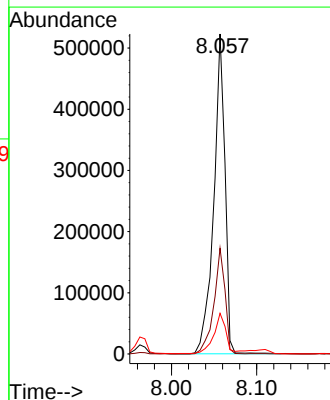
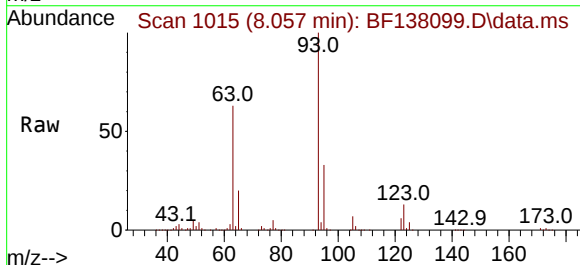
Manual Integrations
APPROVED

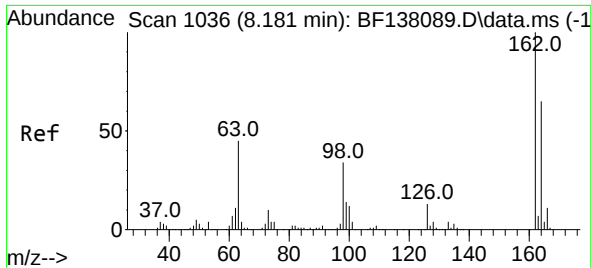
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.517 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion: 93 Resp: 480986
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 12.7 9.7 14.5





#29
2,4-Dichlorophenol
Concen: 46.941 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

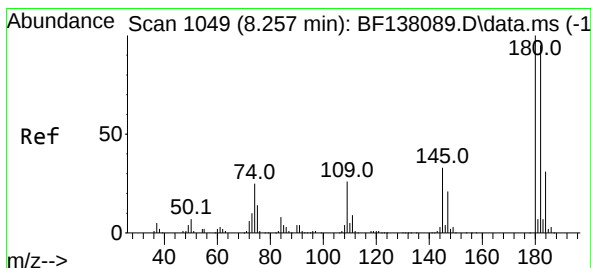
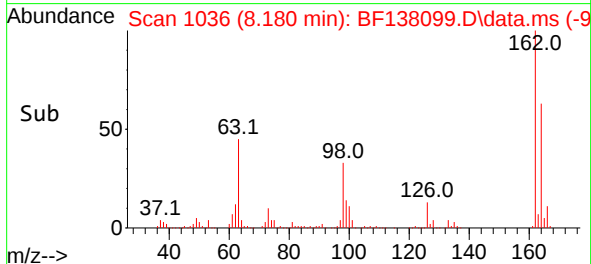
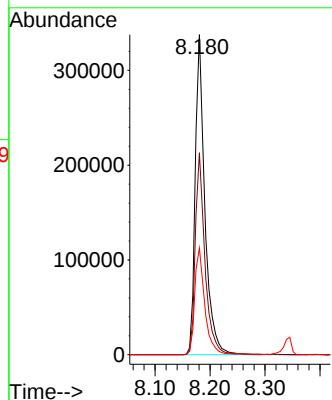
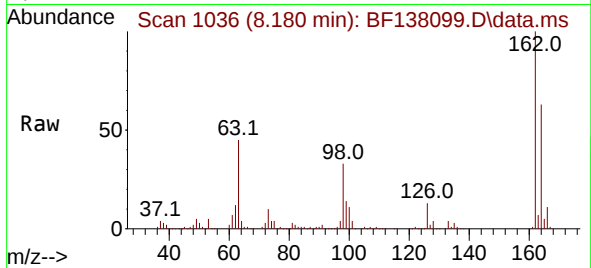
PB161242BS

Tgt Ion:162 Resp: 410530
Ion Ratio Lower Upper
162 100
164 63.1 45.0 85.0
98 33.3 13.6 53.6

Manual Integrations

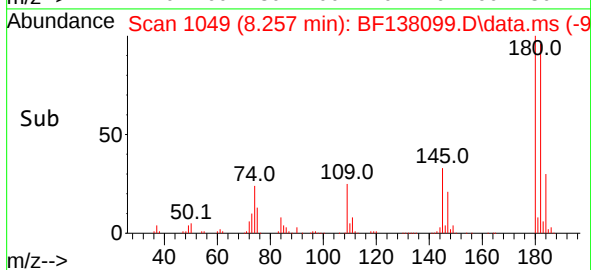
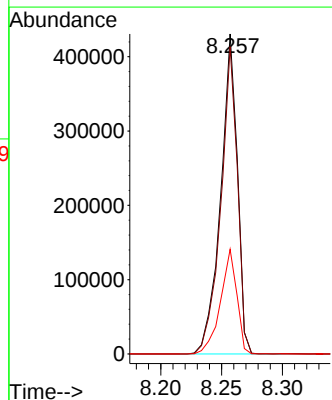
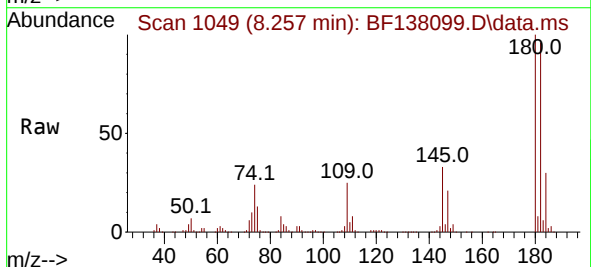
APPROVED

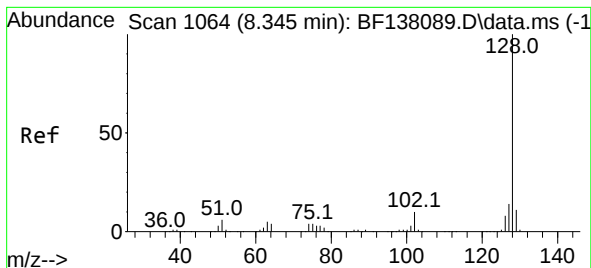
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.574 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:180 Resp: 412651
Ion Ratio Lower Upper
180 100
182 96.0 75.7 113.5
145 32.7 26.6 40.0





#31

Naphthalene

Concen: 42.850 ng

RT: 8.345 min Scan# 1064

Delta R.T. -0.000 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

Tgt Ion:128 Resp: 131466

Ion Ratio Lower Upper

128 100

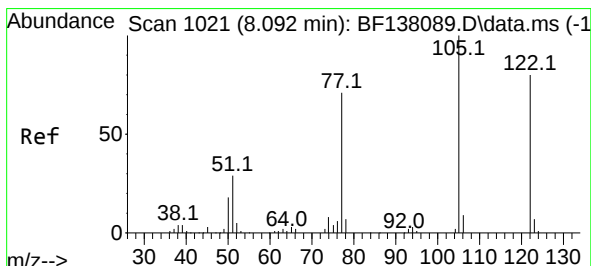
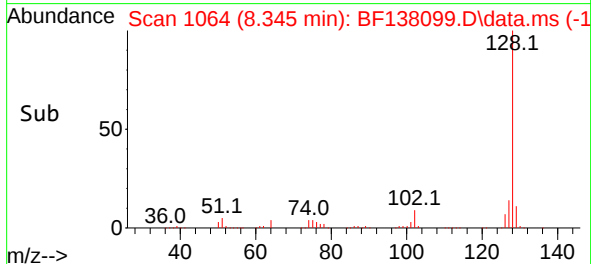
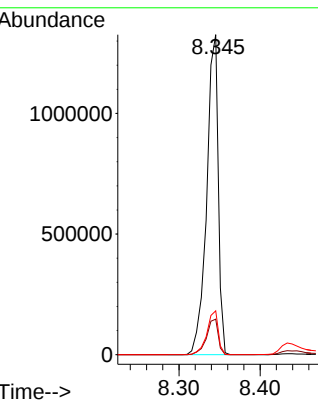
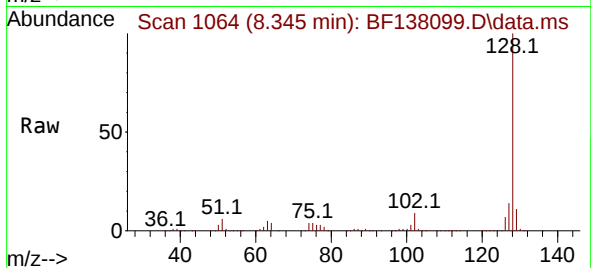
129 11.1 8.8 13.2

127 13.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#32

Benzoic acid

Concen: 50.620 ng

RT: 8.110 min Scan# 1024

Delta R.T. 0.018 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

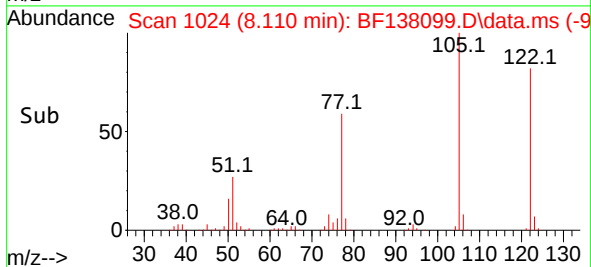
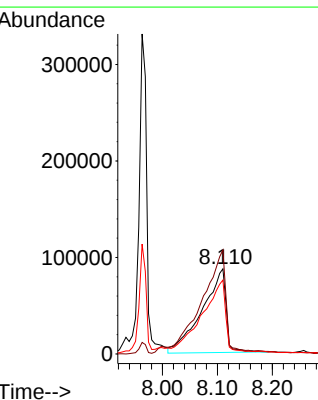
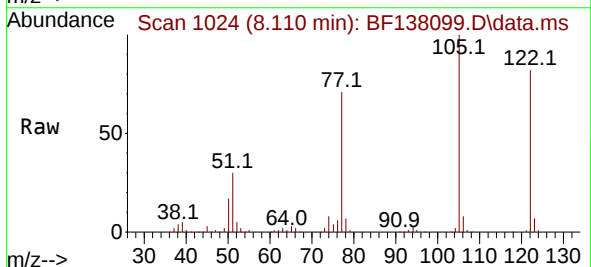
Tgt Ion:122 Resp: 263052

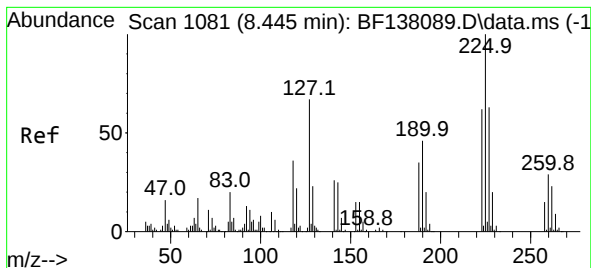
Ion Ratio Lower Upper

122 100

105 122.1 102.3 142.3

77 86.8 67.6 107.6





#33
4-Chloroaniline
Concen: 13.734 ng
RT: 8.433 min Scan# 1079
Delta R.T. -0.012 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

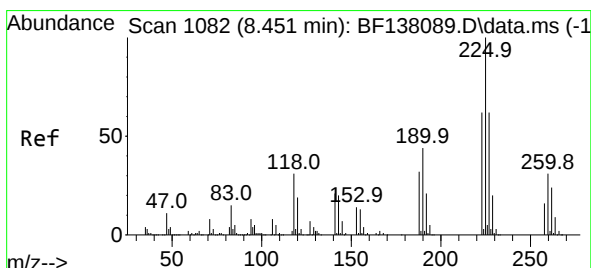
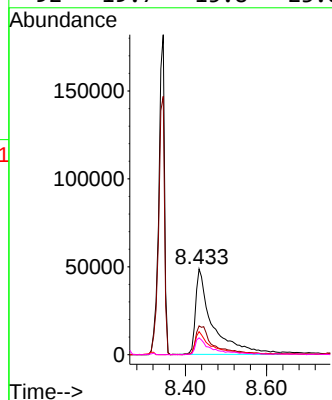
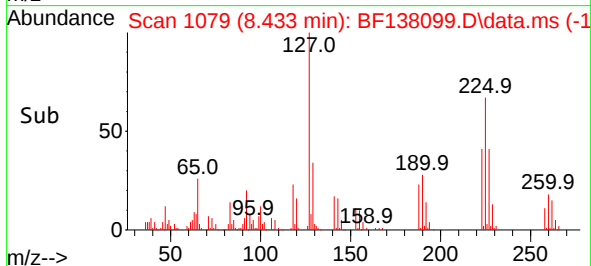
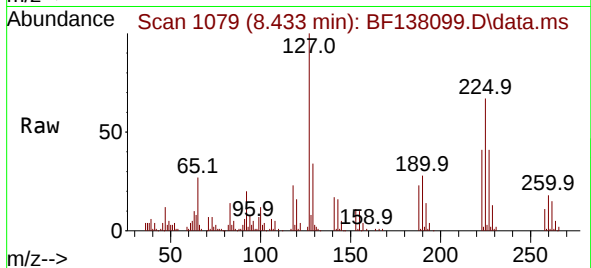
PB161242BS

Tgt Ion:127 Resp: 142204
Ion Ratio Lower Upper
127 100
129 33.7 28.0 42.0
65 26.9 20.6 30.8
92 19.7 15.8 23.8

Manual Integrations

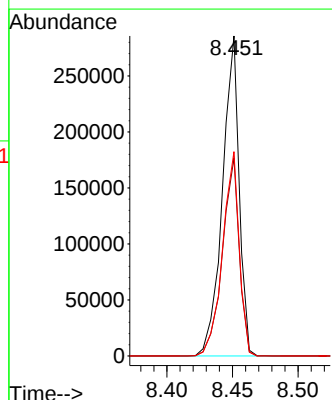
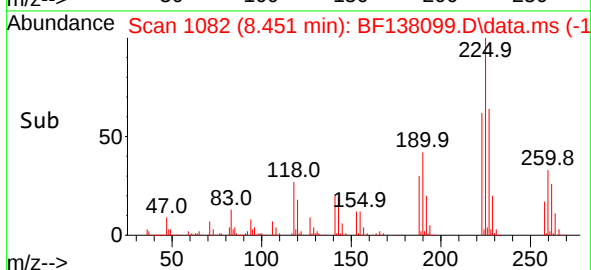
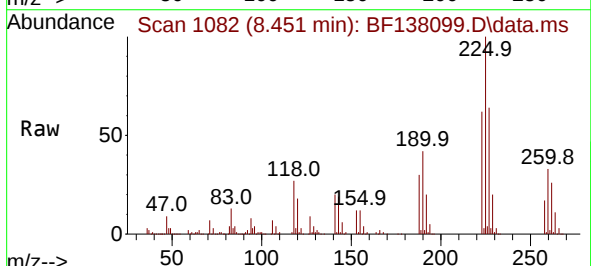
APPROVED

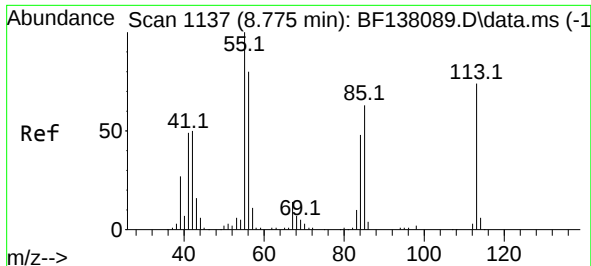
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#34
Hexachlorobutadiene
Concen: 40.269 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

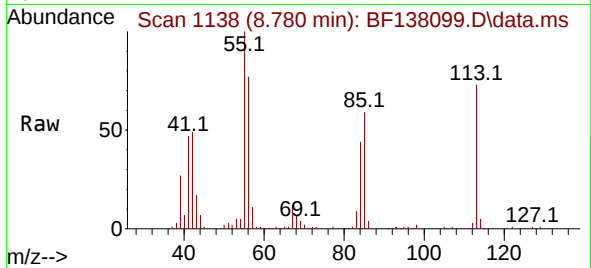
Tgt Ion:225 Resp: 252106
Ion Ratio Lower Upper
225 100
223 61.8 49.4 74.2
227 63.8 49.3 73.9





#35
Caprolactam
Concen: 42.520 ng m
RT: 8.780 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

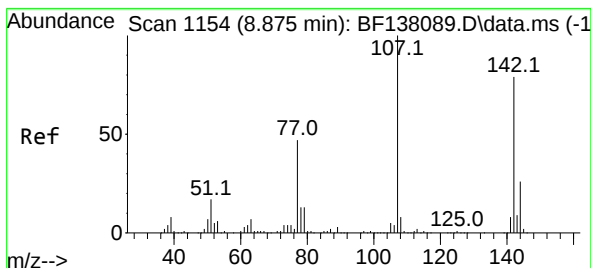
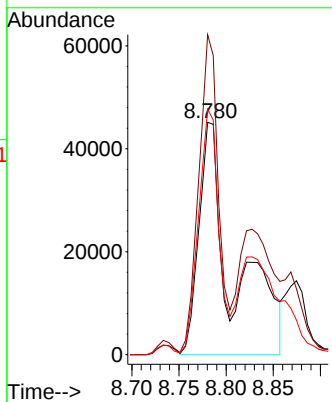
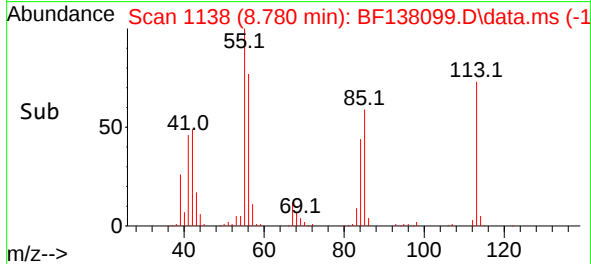
Instrument :
BNA_F
ClientSampleId :
PB161242BS



Tgt Ion:113 Resp: 112400
Ion Ratio Lower Upper
113 100
55 137.8 115.3 155.3
56 105.7 88.5 128.5

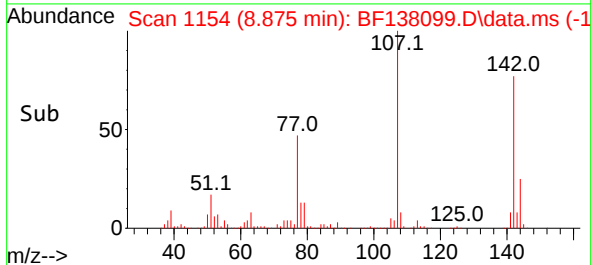
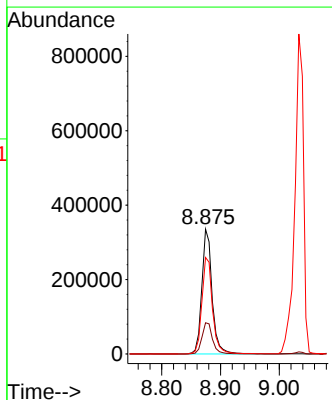
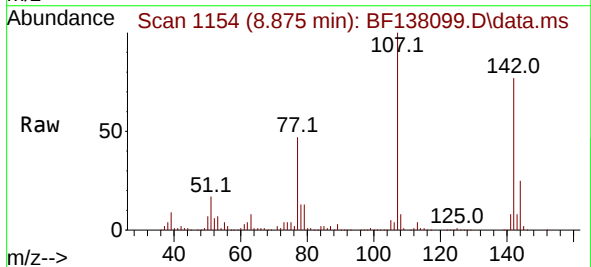
Manual Integrations
APPROVED

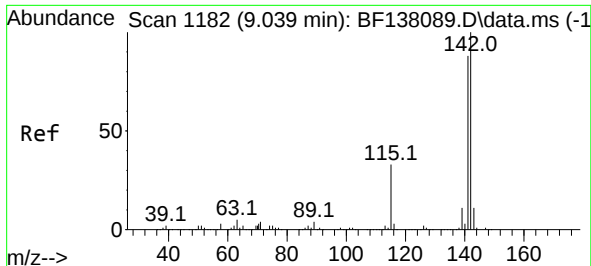
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#36
4-Chloro-3-methylphenol
Concen: 46.390 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:107 Resp: 406727
Ion Ratio Lower Upper
107 100
144 25.0 21.0 31.6
142 77.4 63.4 95.2





#37
2-Methylnaphthalene
Concen: 43.467 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

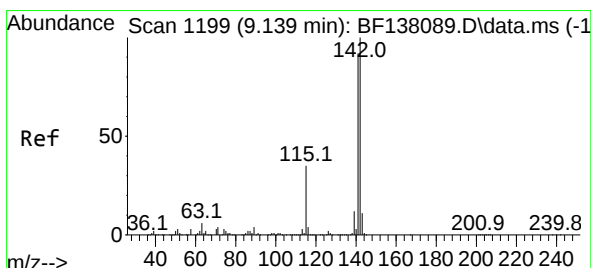
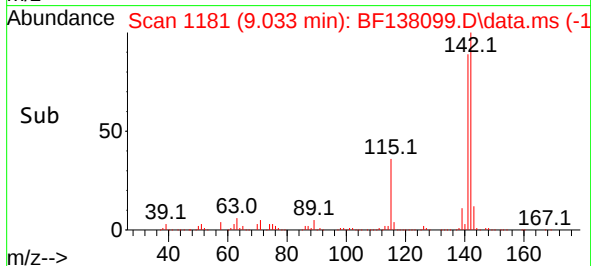
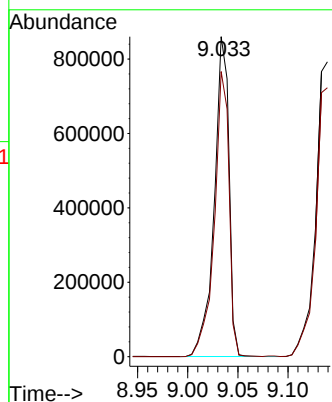
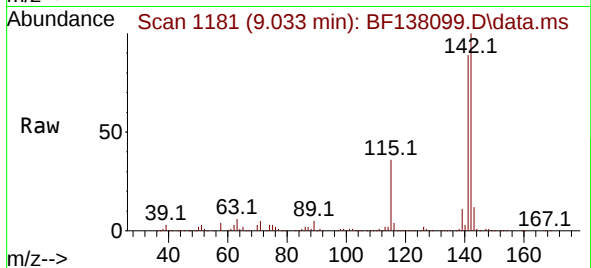
PB161242BS

Tgt Ion:142 Resp: 877438
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.2

Manual Integrations

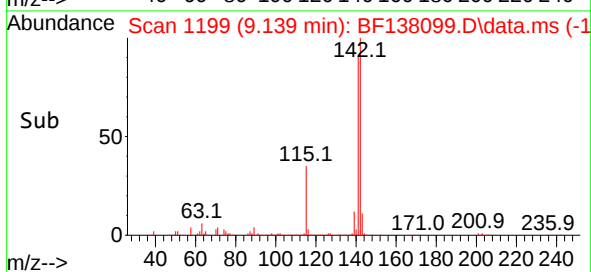
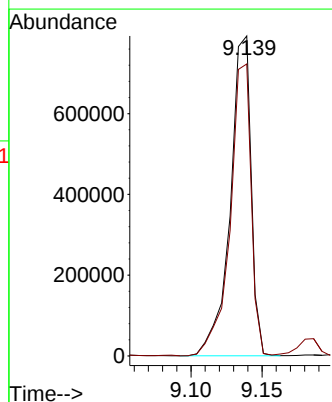
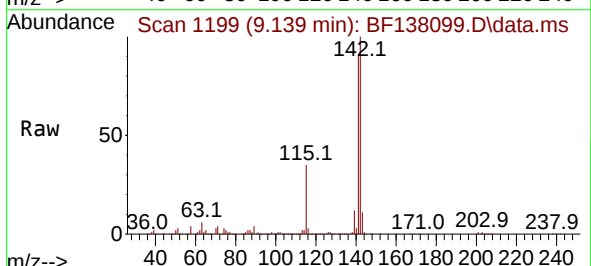
APPROVED

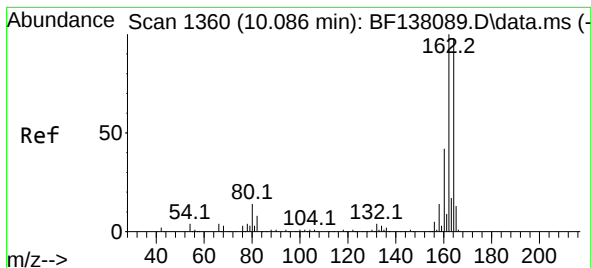
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#38
1-Methylnaphthalene
Concen: 41.438 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:142 Resp: 814032
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2





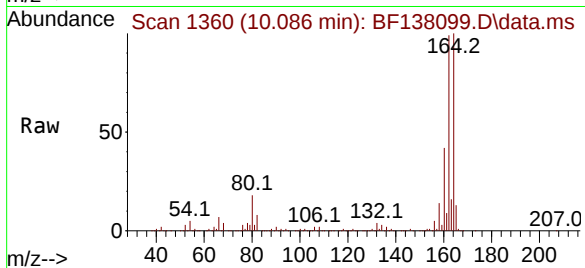
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

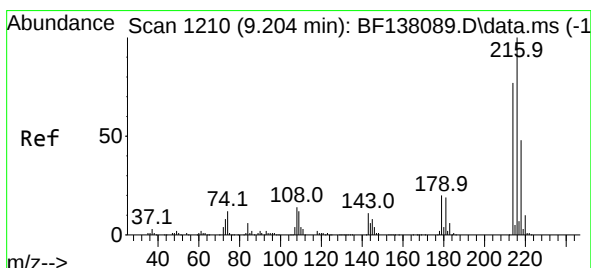
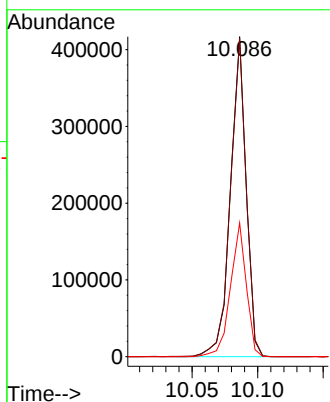
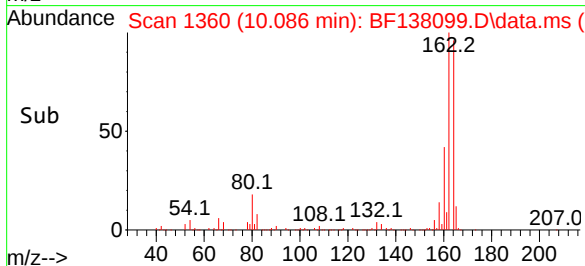


Tgt Ion:164 Resp: 348014
Ion Ratio Lower Upper
164 100
162 99.4 81.7 122.5
160 41.8 34.5 51.7

Manual Integrations

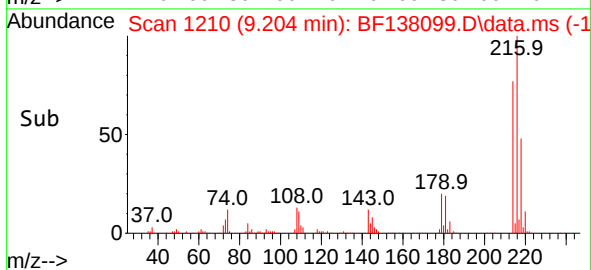
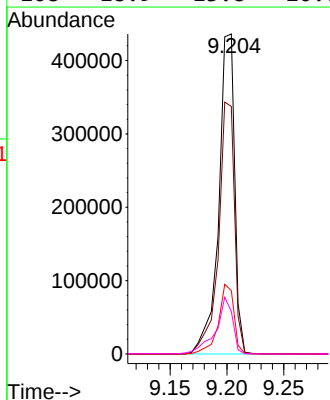
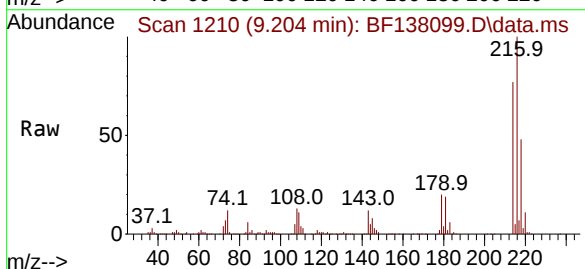
APPROVED

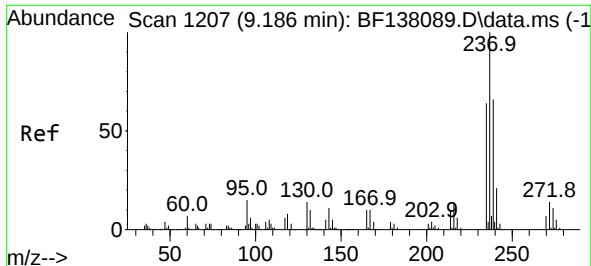
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.288 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:216 Resp: 427614
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.3 17.1 25.7
108 18.9 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 119.563 ng
RT: 9.186 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

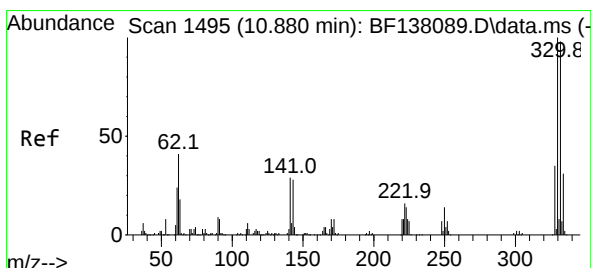
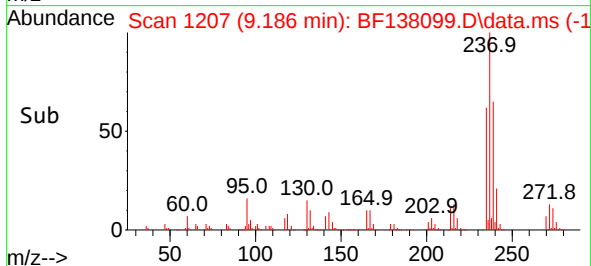
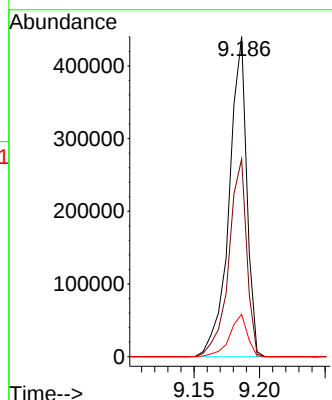
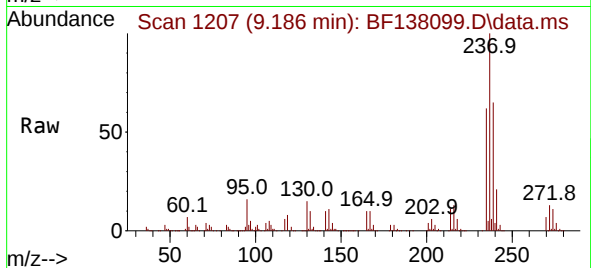
PB161242BS

Tgt Ion:237 Resp: 412008
Ion Ratio Lower Upper
237 100
235 61.8 43.9 83.9
272 13.3 0.0 33.8

Manual Integrations

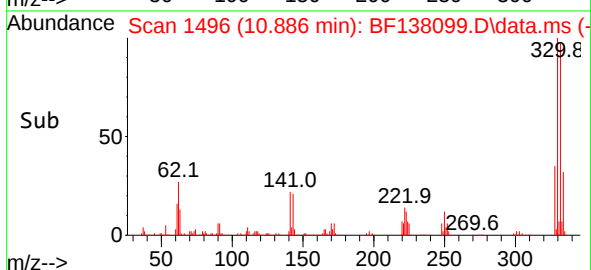
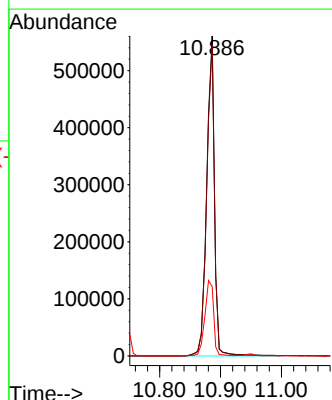
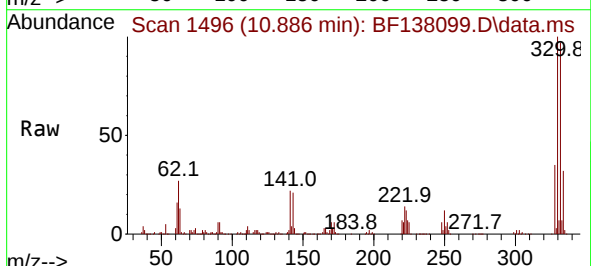
APPROVED

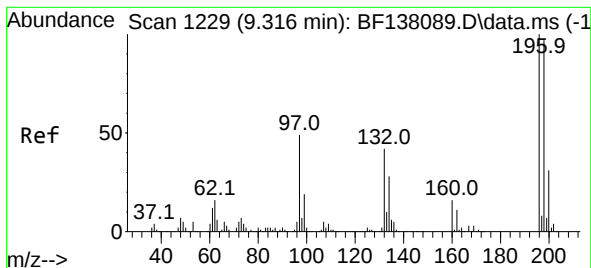
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#42
2,4,6-Tribromophenol
Concen: 122.459 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:330 Resp: 497111
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 26.7 21.4 32.0





#43
2,4,6-Trichlorophenol
Concen: 44.405 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

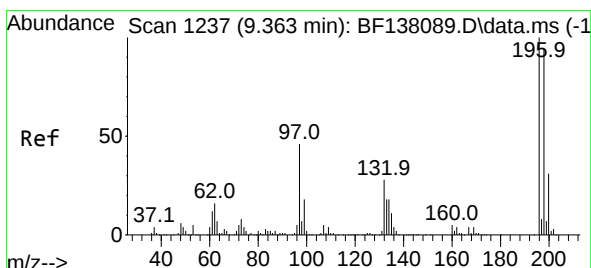
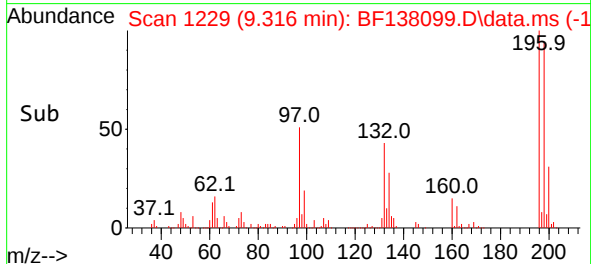
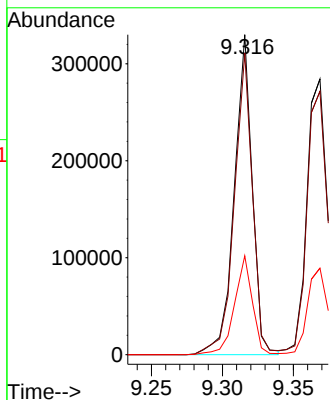
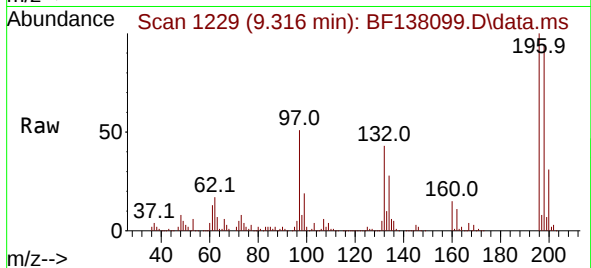
PB161242BS

Tgt Ion:196 Resp: 290972
Ion Ratio Lower Upper
196 100
198 94.2 77.4 116.0
200 30.9 24.6 37.0

Manual Integrations

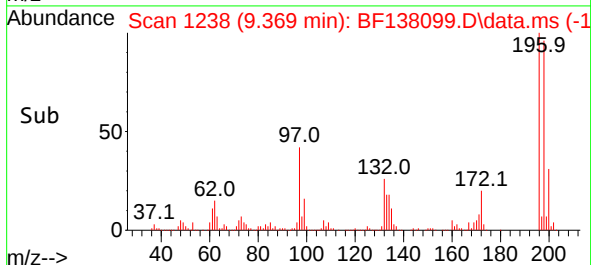
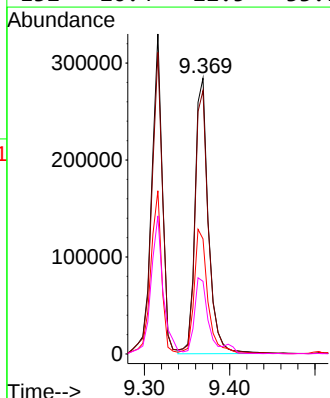
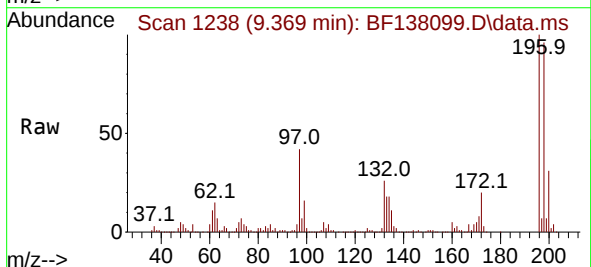
APPROVED

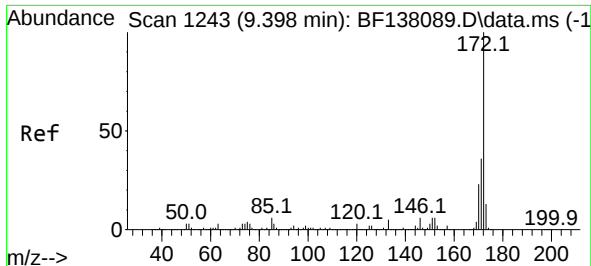
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#44
2,4,5-Trichlorophenol
Concen: 43.307 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:196 Resp: 309409
Ion Ratio Lower Upper
196 100
198 95.5 75.6 113.4
97 41.7 36.9 55.3
132 26.4 22.5 33.7





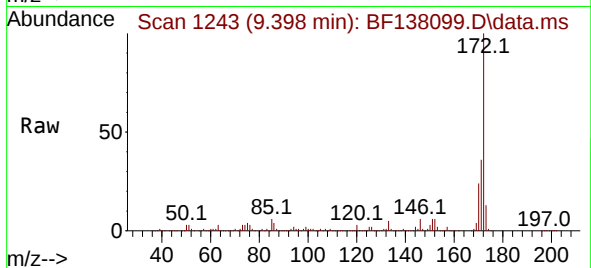
#45
2-Fluorobiphenyl
Concen: 78.292 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

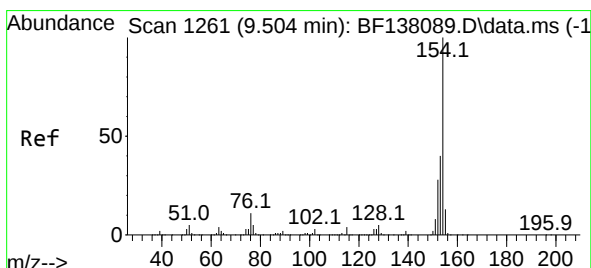
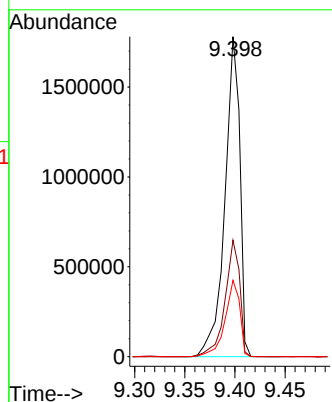
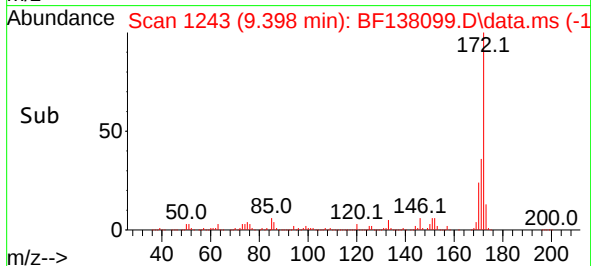


Tgt Ion:172 Resp: 1838120
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.4
170 23.8 18.6 28.0

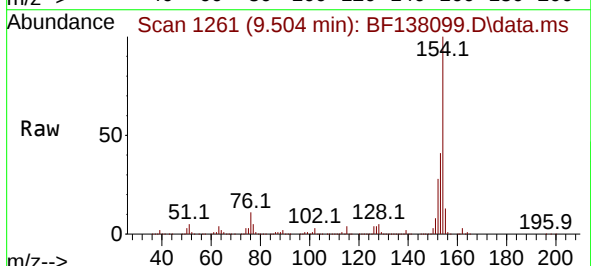
Manual Integrations

APPROVED

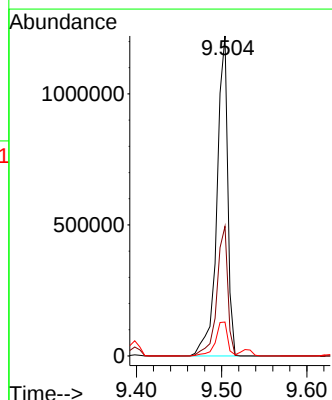
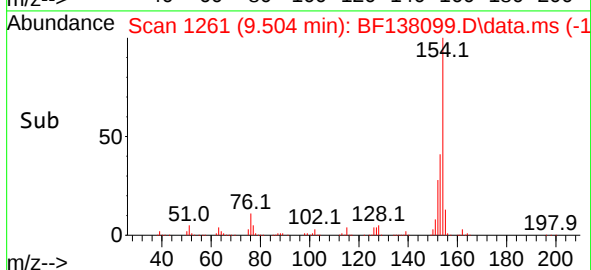
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

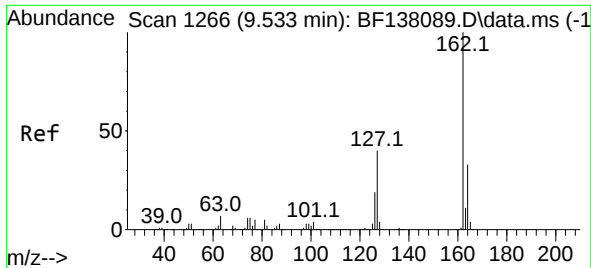


#46
1,1'-Biphenyl
Concen: 43.276 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



Tgt Ion:154 Resp: 1083222
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 10.6 0.0 30.6





#47
2-Chloronaphthalene
Concen: 41.594 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

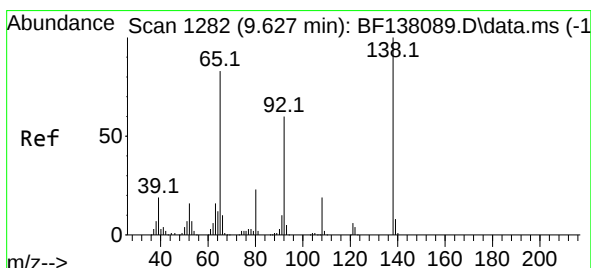
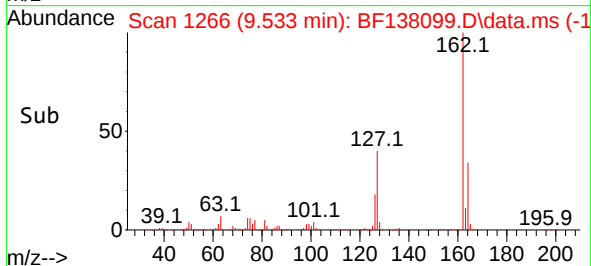
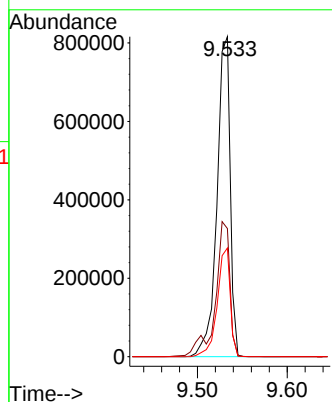
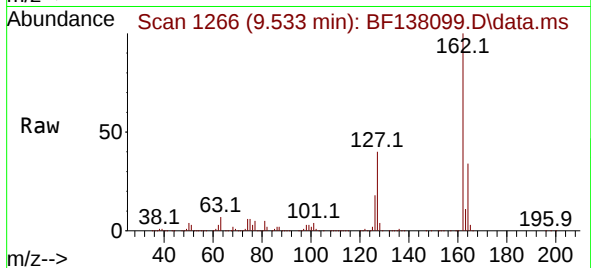
ClientSampleId :

PB161242BS

Tgt Ion:162 Resp: 83502
Ion Ratio Lower Upper
162 100
127 40.1 32.5 48.7
164 33.9 26.1 39.1

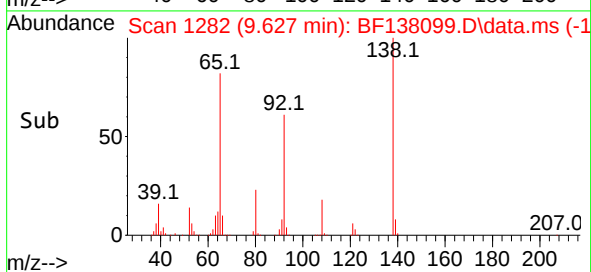
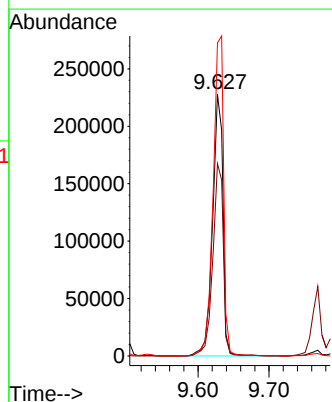
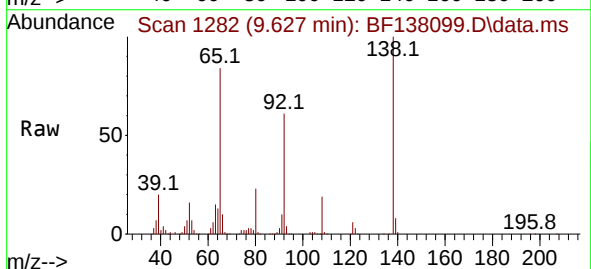
Manual Integrations
APPROVED

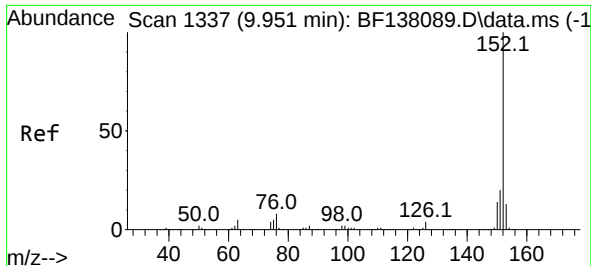
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#48
2-Nitroaniline
Concen: 46.045 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion: 65 Resp: 231469
Ion Ratio Lower Upper
65 100
92 73.5 57.8 86.6
138 119.7 95.9 143.9





#49
Acenaphthylene
Concen: 46.109 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

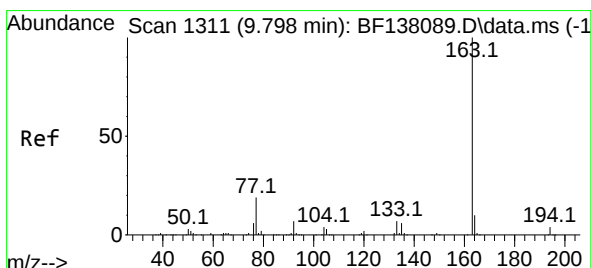
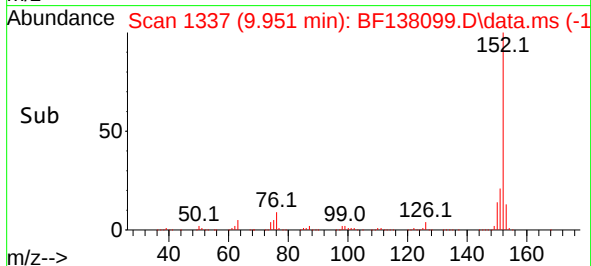
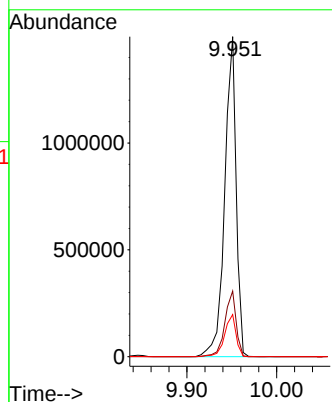
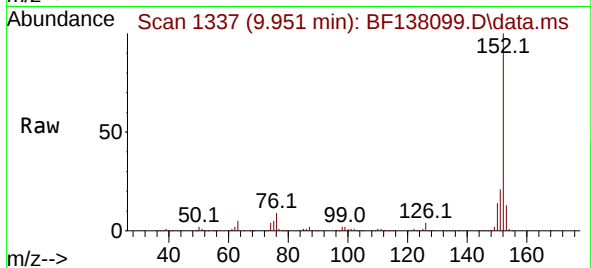
PB161242BS

Tgt Ion:152 Resp: 1324733
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.2 10.4 15.6

Manual Integrations

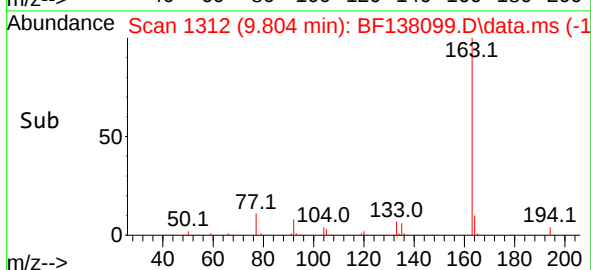
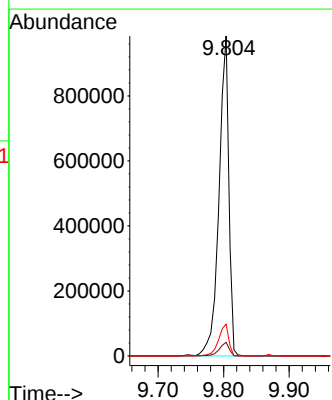
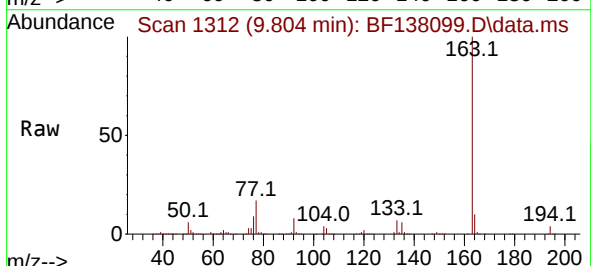
APPROVED

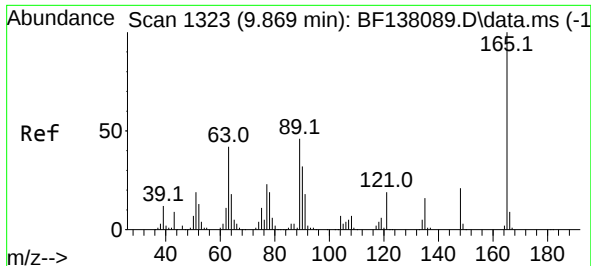
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#50
Dimethylphthalate
Concen: 44.308 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:163 Resp: 1021813
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 42.913 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

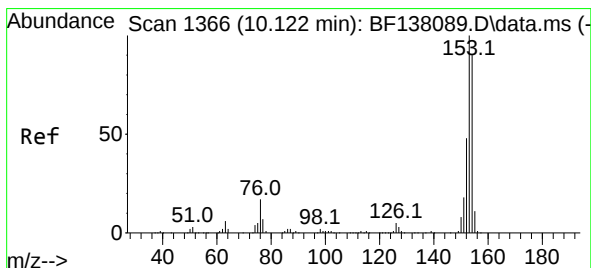
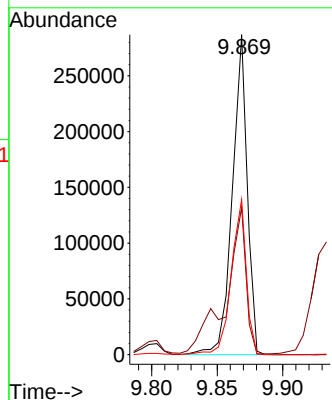
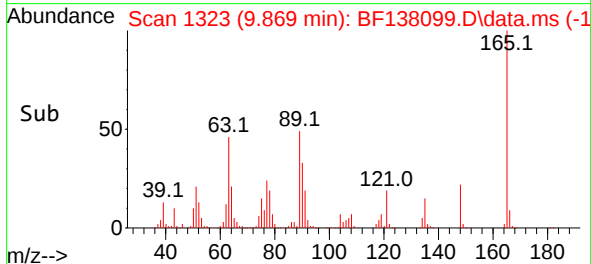
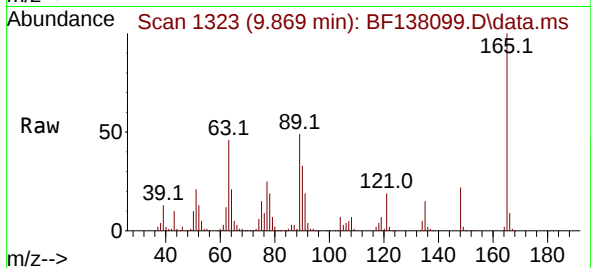
PB161242BS

Tgt Ion:165 Resp: 22719
Ion Ratio Lower Upper
165 100
63 46.0 34.6 51.8
89 48.5 36.6 55.0

Manual Integrations

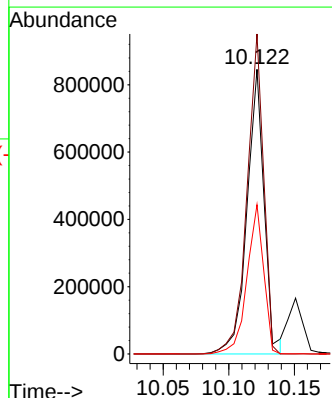
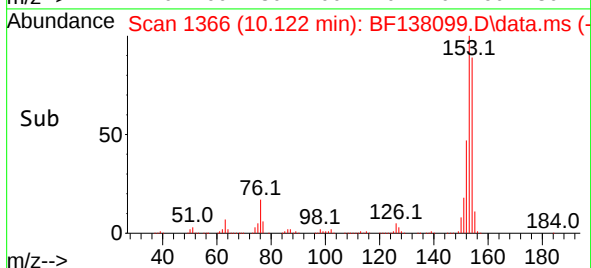
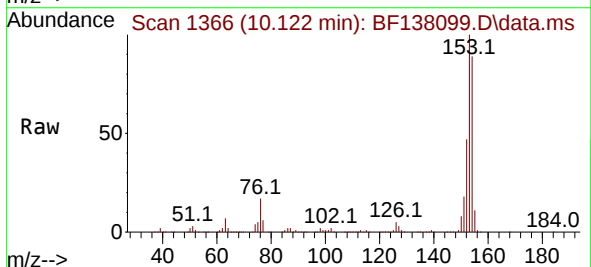
APPROVED

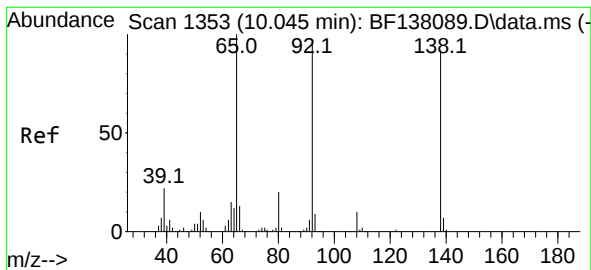
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#52
Acenaphthene
Concen: 42.338 ng
RT: 10.122 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

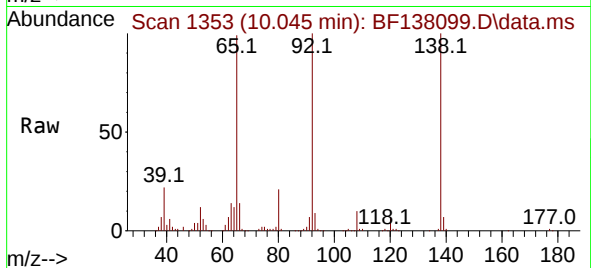
Tgt Ion:154 Resp: 770391
Ion Ratio Lower Upper
154 100
153 112.4 88.8 133.2
152 52.4 42.3 63.5





#53
3-Nitroaniline
Concen: 31.459 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF138089.D
Acq: 03 Jun 2024 11:25

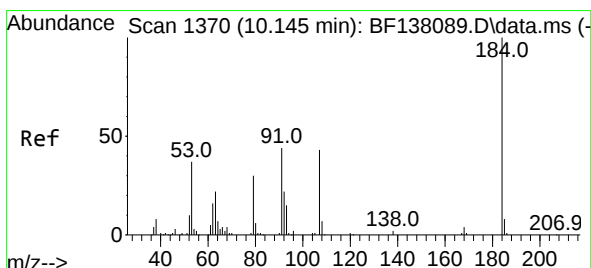
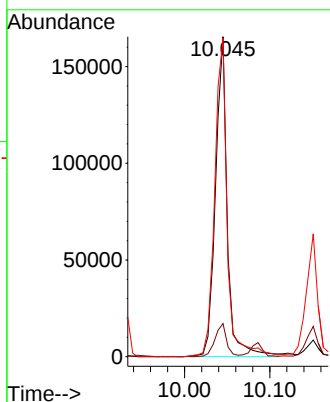
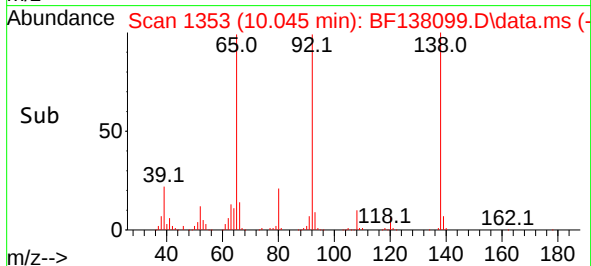
Instrument :
BNA_F
ClientSampleId :
PB161242BS



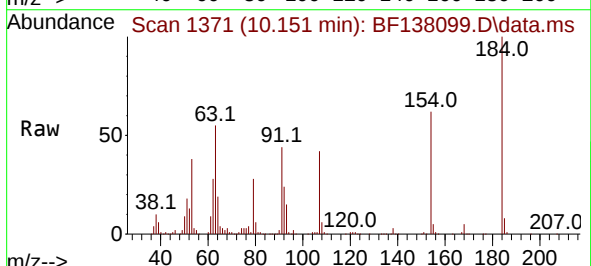
Tgt Ion:138 Resp: 15853
Ion Ratio Lower Upper
138 100
108 10.3 9.0 13.4
92 99.6 84.6 126.8

Manual Integrations
APPROVED

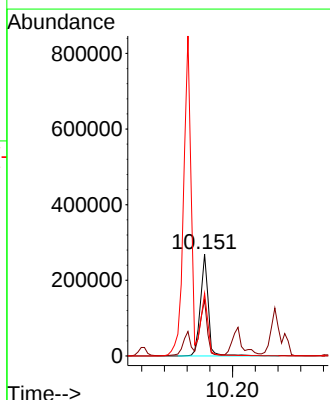
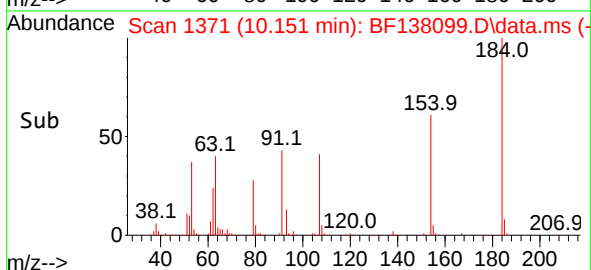
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

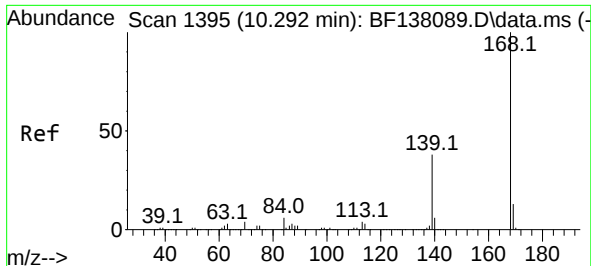


#54
2,4-Dinitrophenol
Concen: 101.017 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF138089.D
Acq: 03 Jun 2024 11:25



Tgt Ion:184 Resp: 260024
Ion Ratio Lower Upper
184 100
63 55.2 44.7 67.1
154 61.5 51.0 76.6





#55
Dibenzenofuran
Concen: 43.295 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

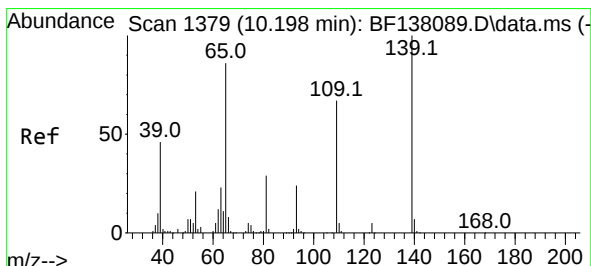
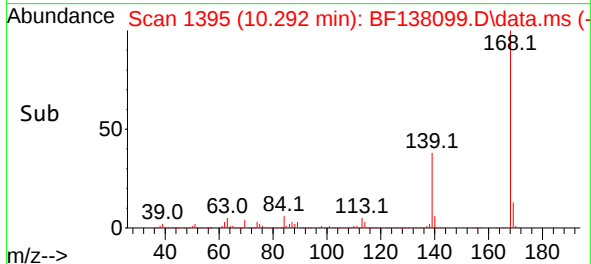
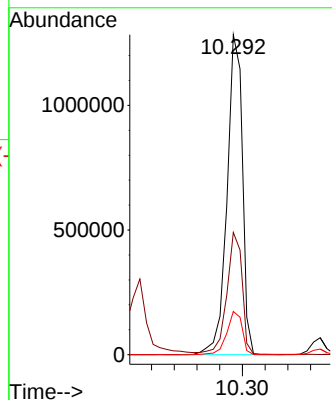
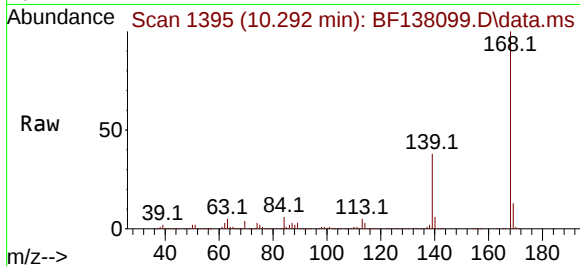
PB161242BS

Tgt Ion:168 Resp: 1209569
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8
169 13.5 10.6 15.8

Manual Integrations

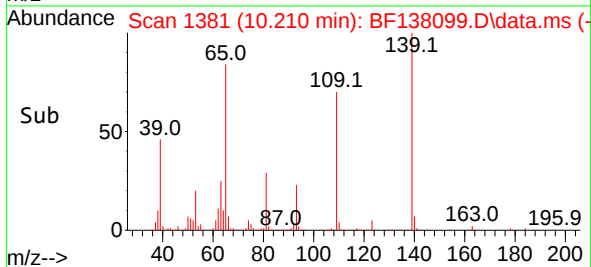
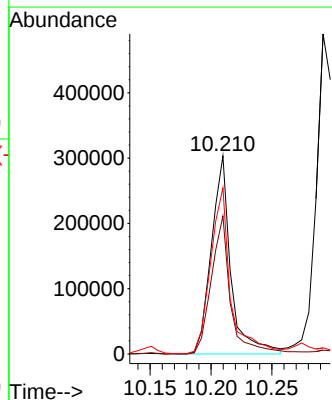
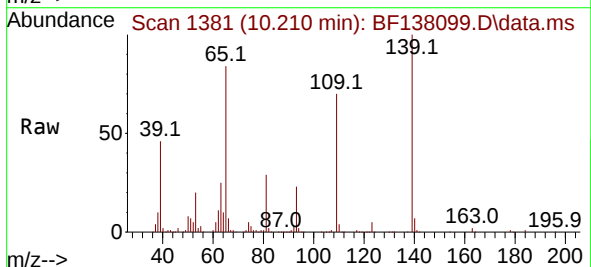
APPROVED

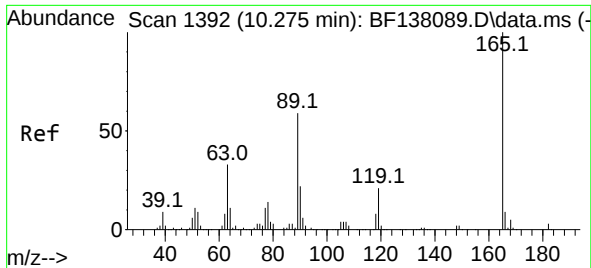
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#56
4-Nitrophenol
Concen: 100.759 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:139 Resp: 338426
Ion Ratio Lower Upper
139 100
109 69.6 47.2 87.2
65 83.8 66.7 106.7





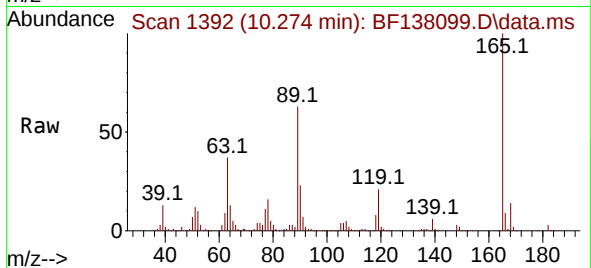
#57
2,4-Dinitrotoluene
Concen: 44.957 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

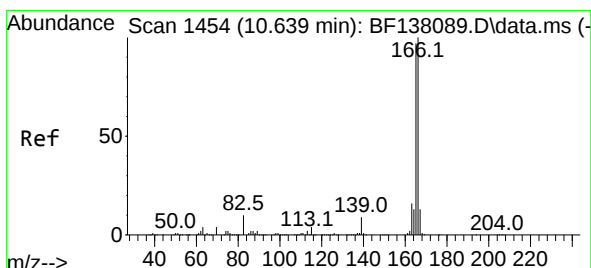
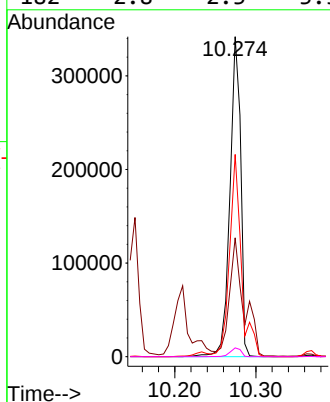
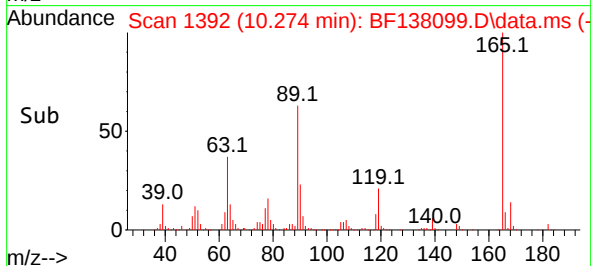


Tgt Ion:165 Resp: 31387
Ion Ratio Lower Upper
165 100
63 37.1 27.4 41.0
89 63.2 47.4 71.2
182 2.8 2.3 3.5

Manual Integrations

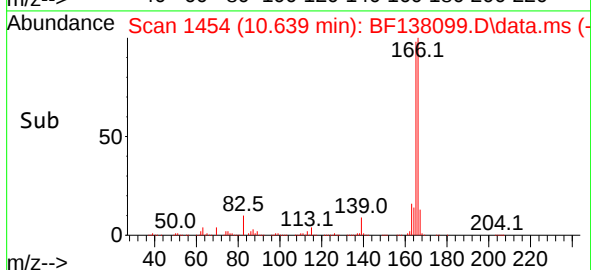
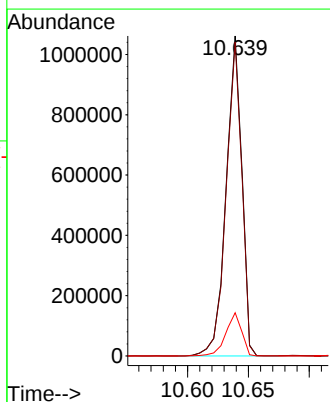
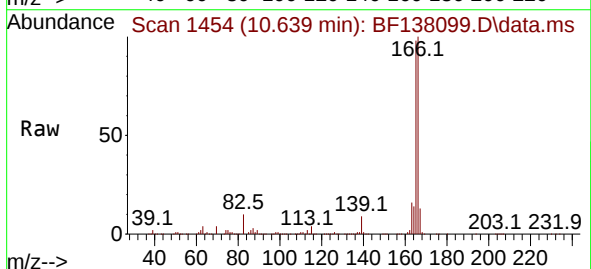
APPROVED

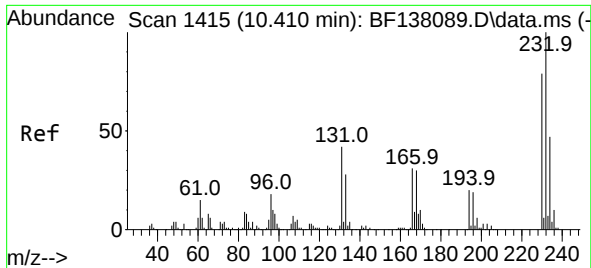
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#58
Fluorene
Concen: 42.488 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

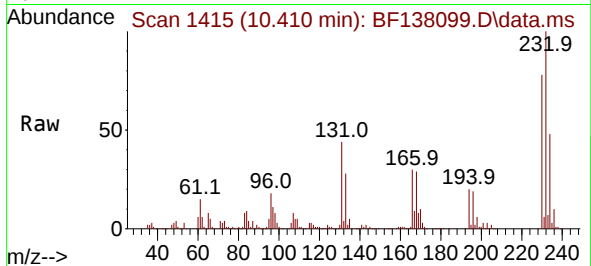
Tgt Ion:166 Resp: 956365
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.800 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

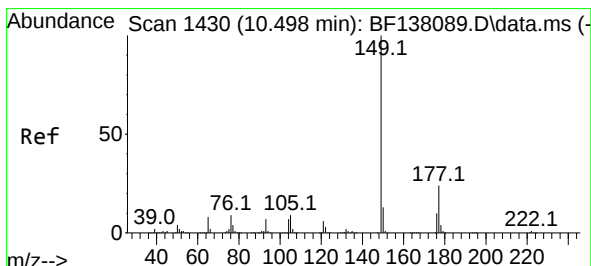
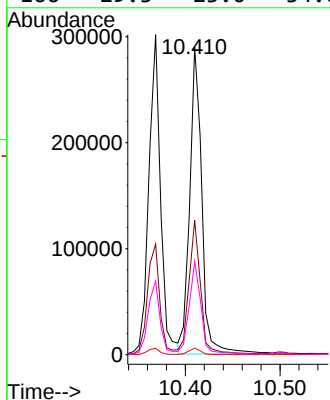
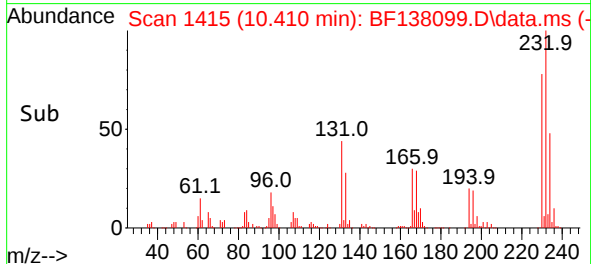
Instrument :
BNA_F
ClientSampleId :
PB161242BS



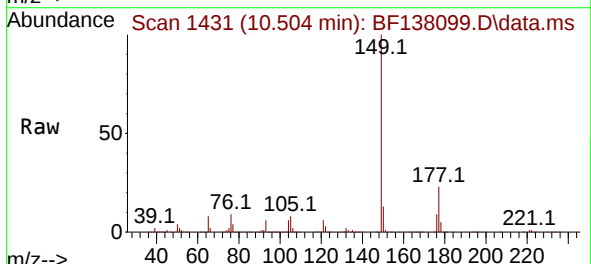
Tgt Ion:232 Resp: 25782
Ion Ratio Lower Upper
232 100
131 41.8 31.7 47.5
130 2.2 1.7 2.5
166 29.3 23.0 34.6

Manual Integrations
APPROVED

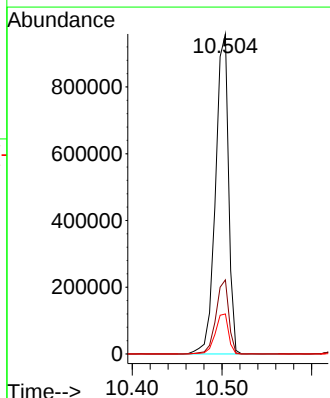
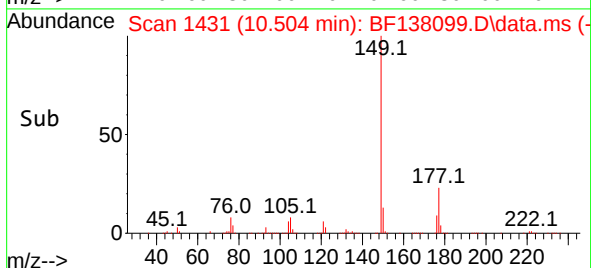
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

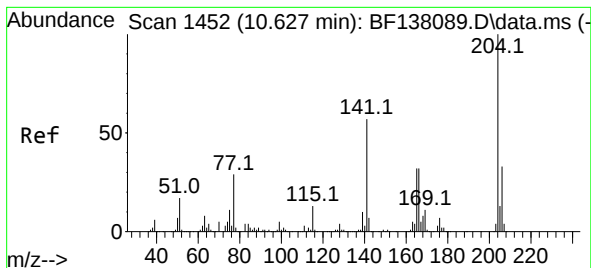


#60
Diethylphthalate
Concen: 44.004 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



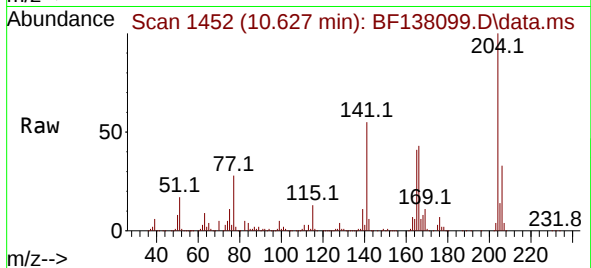
Tgt Ion:149 Resp: 963842
Ion Ratio Lower Upper
149 100
177 23.2 18.9 28.3
150 12.5 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 42.292 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

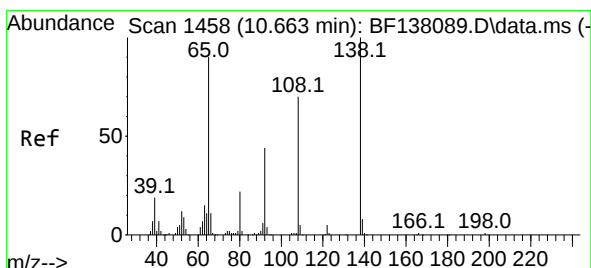
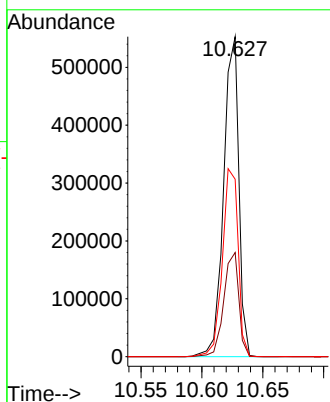
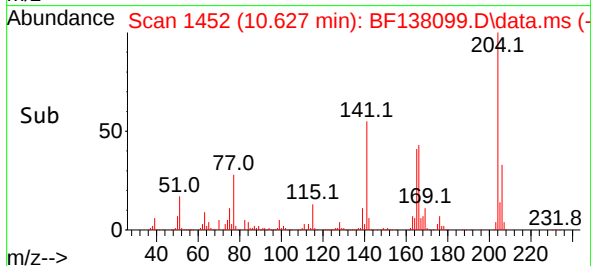
Instrument :
BNA_F
ClientSampleId :
PB161242BS



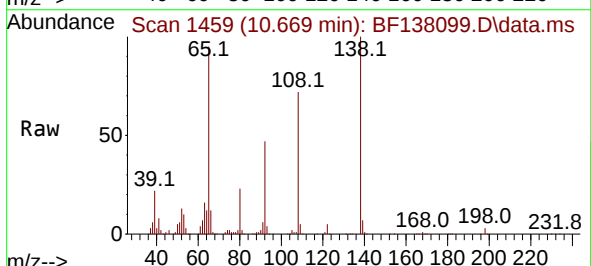
Tgt Ion:204 Resp: 48070
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 55.4 45.9 68.9

Manual Integrations
APPROVED

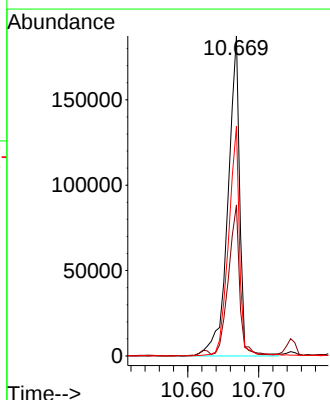
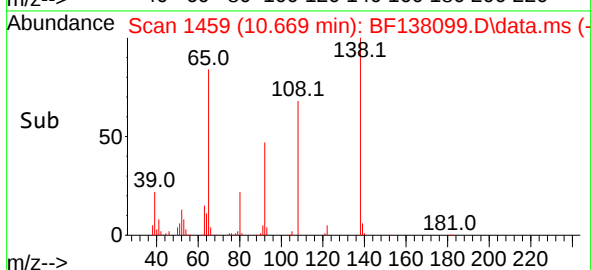
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

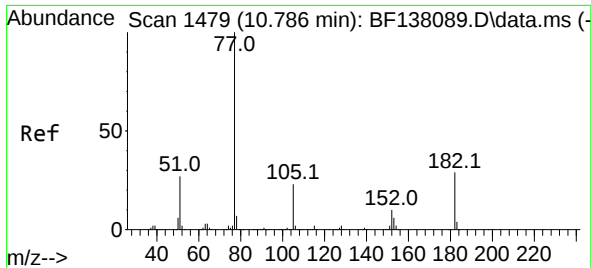


#62
4-Nitroaniline
Concen: 47.141 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



Tgt Ion:138 Resp: 215676
Ion Ratio Lower Upper
138 100
92 47.2 24.4 64.4
108 71.8 49.8 89.8





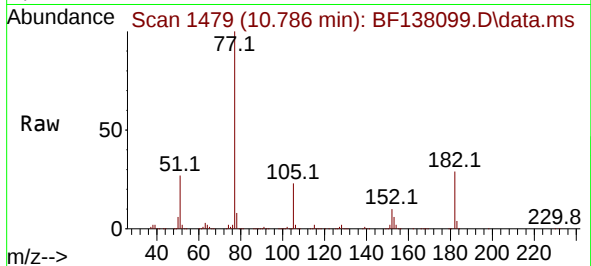
#63
Azobenzene
Concen: 44.444 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

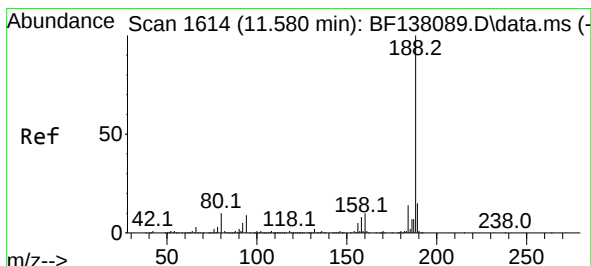
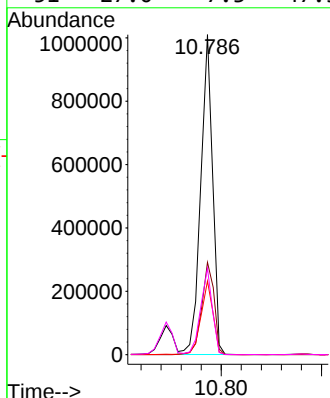
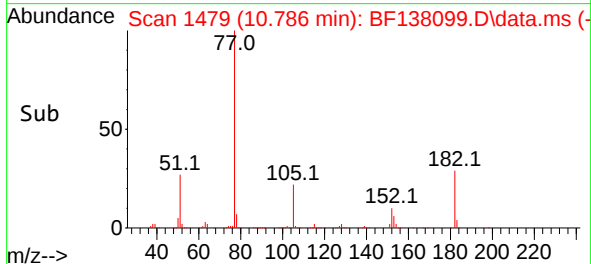


Tgt Ion: 77 Resp: 836524
Ion Ratio Lower Upper
77 100
182 28.9 8.8 48.8
105 23.0 2.8 42.8
51 27.0 7.3 47.3

Manual Integrations

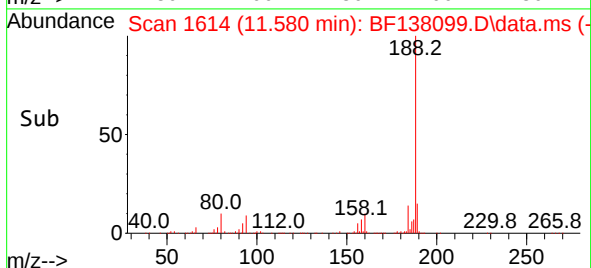
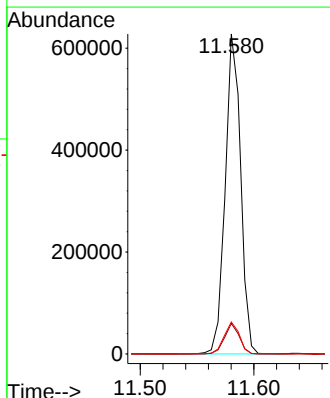
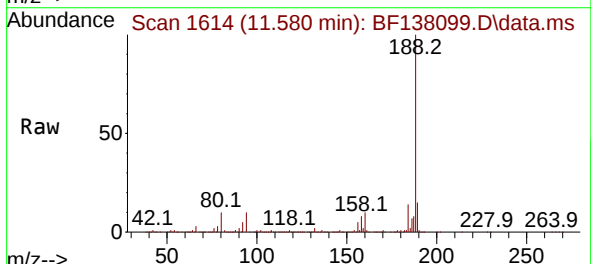
APPROVED

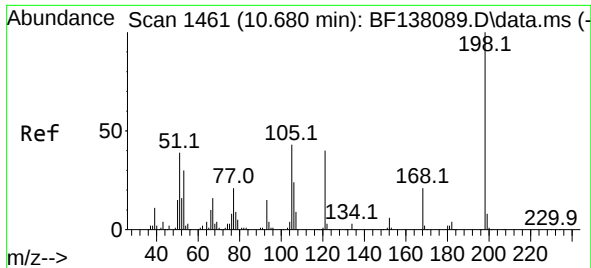
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

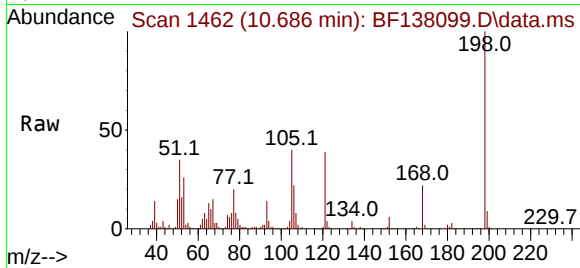
Tgt Ion:188 Resp: 593658
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.0
80 10.0 7.8 11.8





#65
4,6-Dinitro-2-methylphenol
Concen: 47.717 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

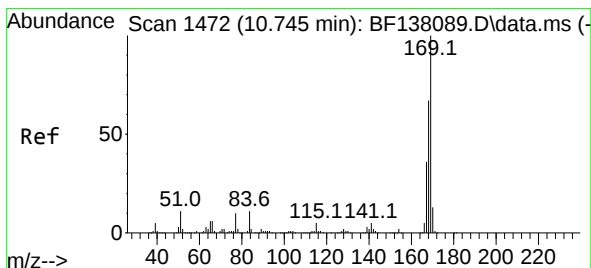
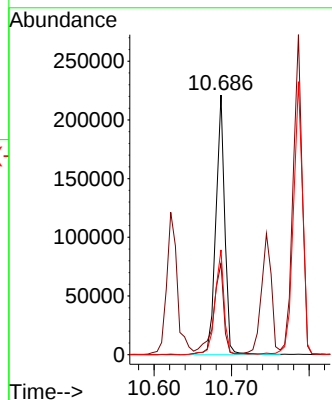
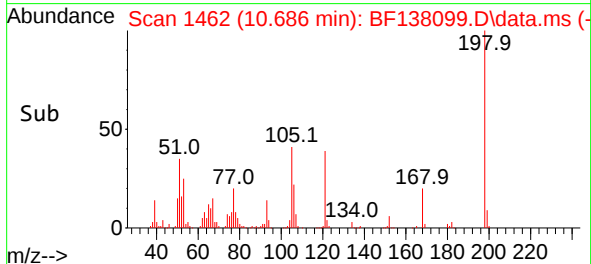
Instrument :
BNA_F
ClientSampleId :
PB161242BS



Tgt Ion:198 Resp: 177629
Ion Ratio Lower Upper
198 100
51 35.2 22.4 62.4
105 40.4 23.2 63.2

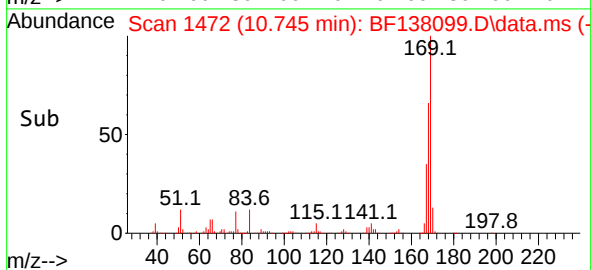
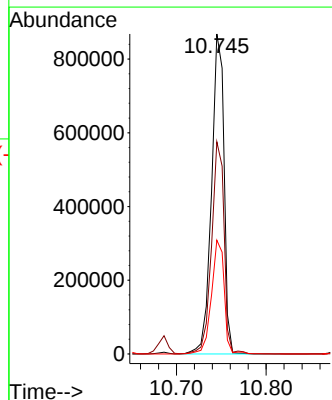
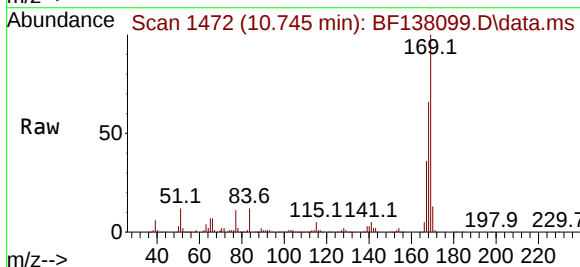
Manual Integrations
APPROVED

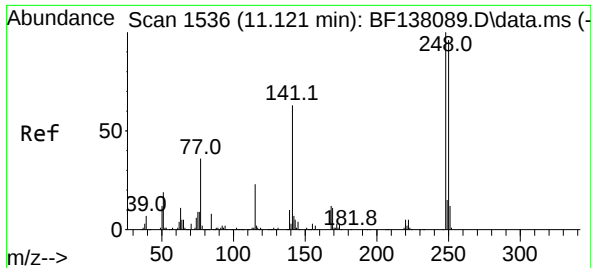
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#66
n-Nitrosodiphenylamine
Concen: 45.425 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:169 Resp: 838895
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.2
167 35.5 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 43.424 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

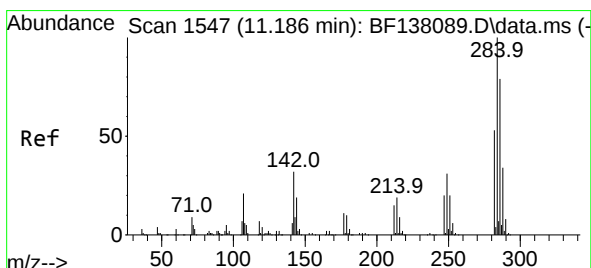
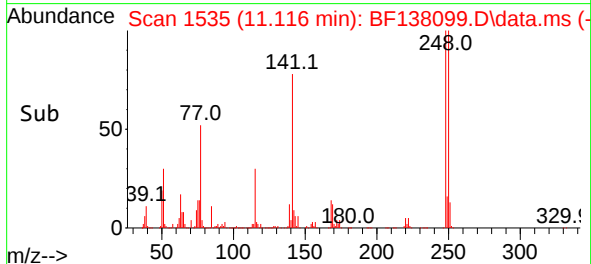
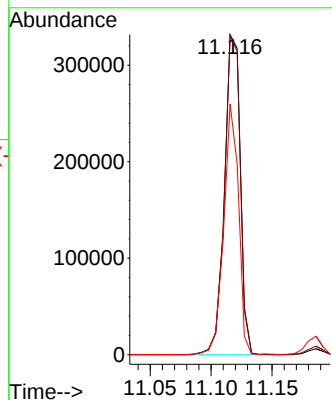
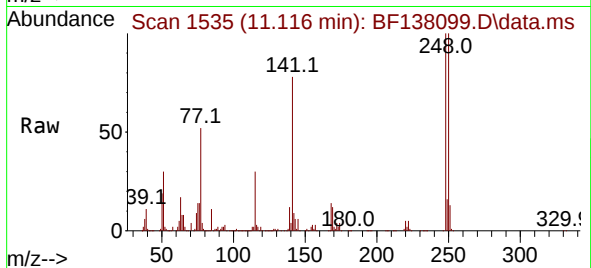
PB161242BS

Tgt Ion:248 Resp: 30216
Ion Ratio Lower Upper
248 100
250 99.8 77.2 115.8
141 78.3 50.6 76.0

Manual Integrations

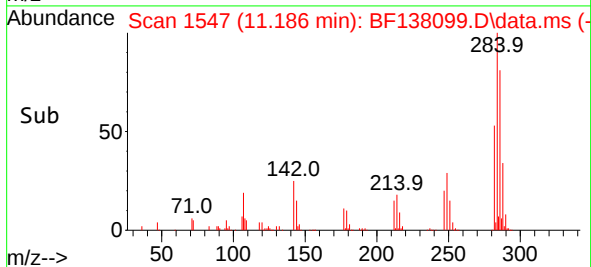
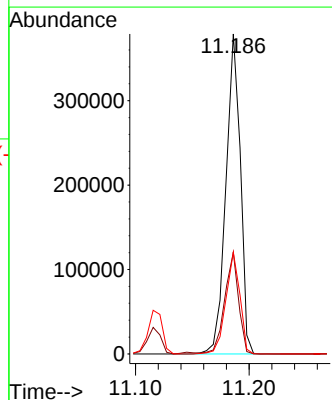
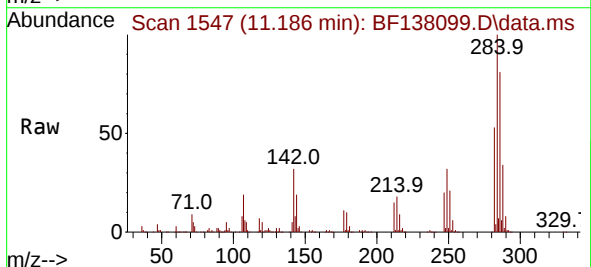
APPROVED

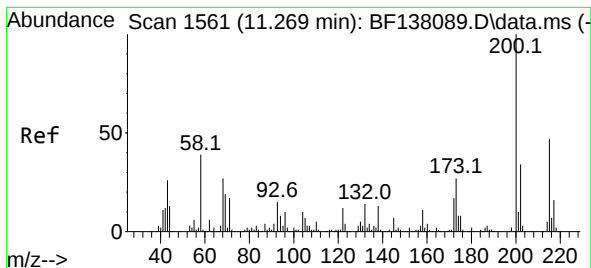
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#68
Hexachlorobenzene
Concen: 43.274 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:284 Resp: 334601
Ion Ratio Lower Upper
284 100
142 31.7 25.9 38.9
249 31.8 25.1 37.7





#69

Atrazine

Concen: 51.883 ng

RT: 11.274 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

Tgt Ion:200 Resp: 26453

Ion Ratio Lower Upper

200 100

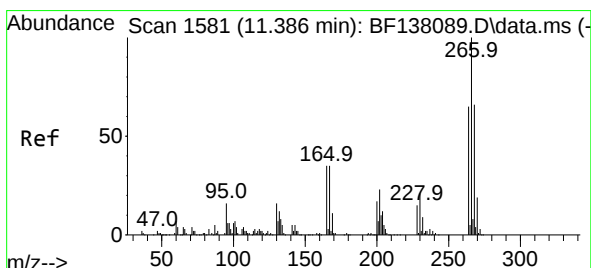
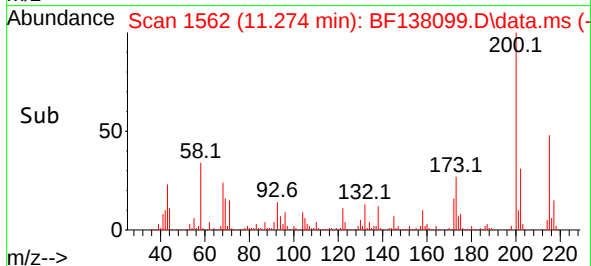
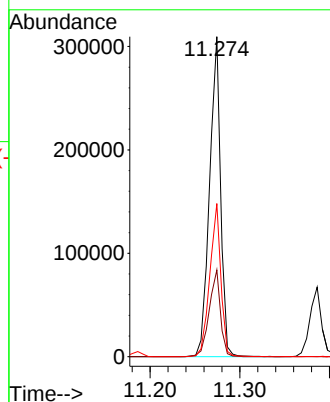
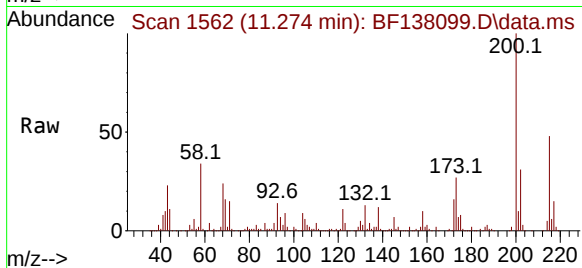
173 27.1 7.2 47.2

215 47.8 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#70

Pentachlorophenol

Concen: 93.285 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

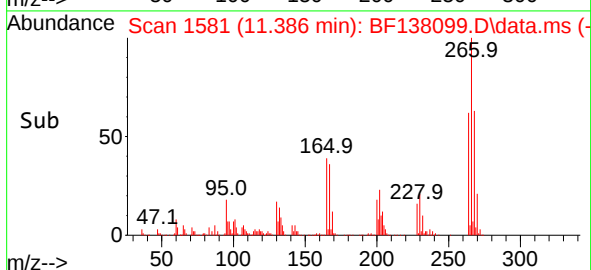
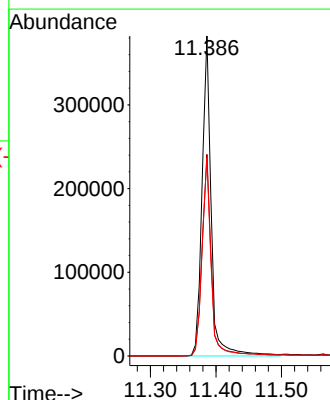
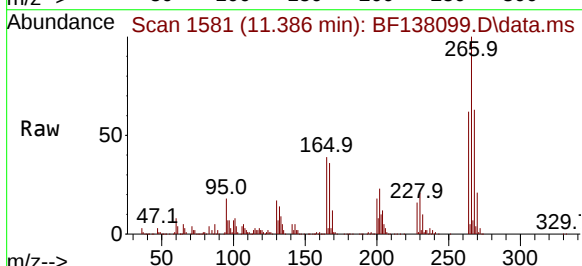
Tgt Ion:266 Resp: 373410

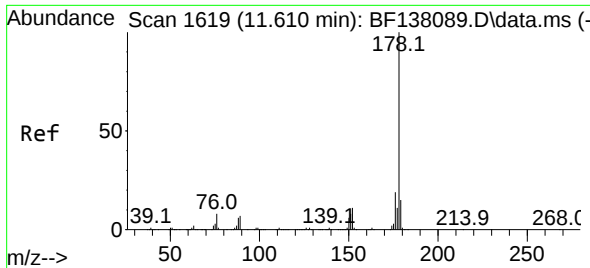
Ion Ratio Lower Upper

266 100

268 63.0 53.0 79.6

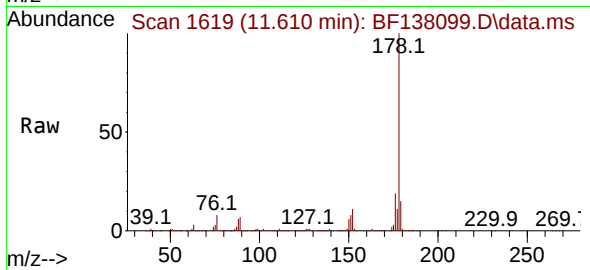
264 62.1 51.8 77.8





#71
Phenanthrene
Concen: 44.609 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

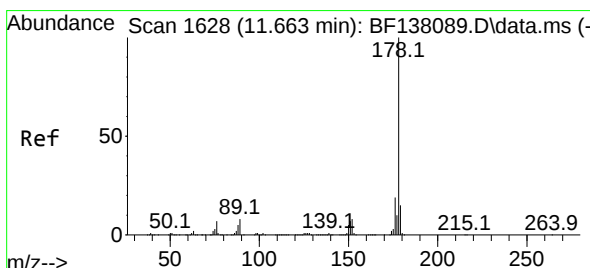
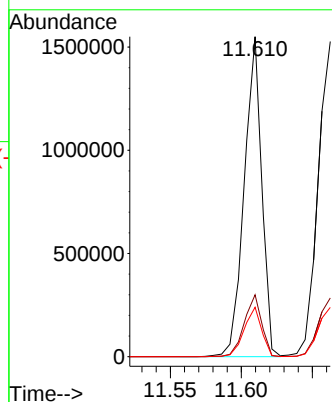
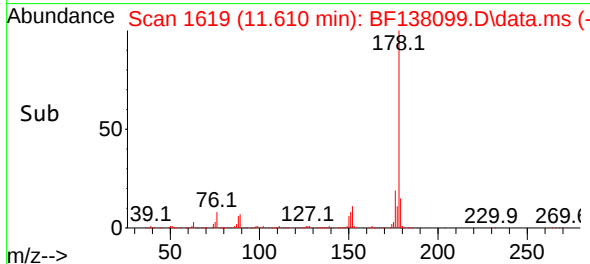
Instrument :
BNA_F
ClientSampleId :
PB161242BS



Tgt Ion:178 Resp: 1332092
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.1 18.1

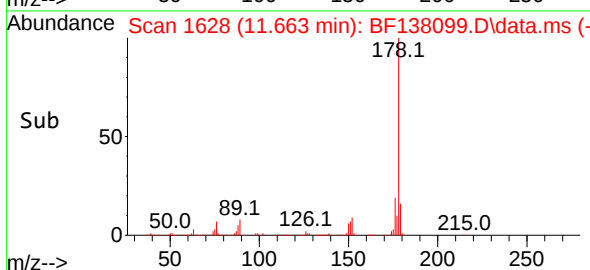
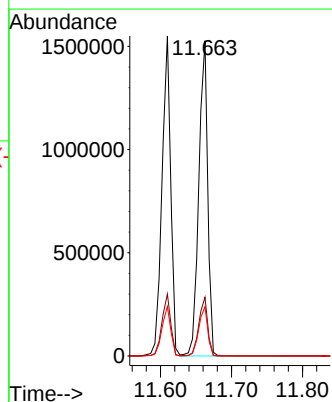
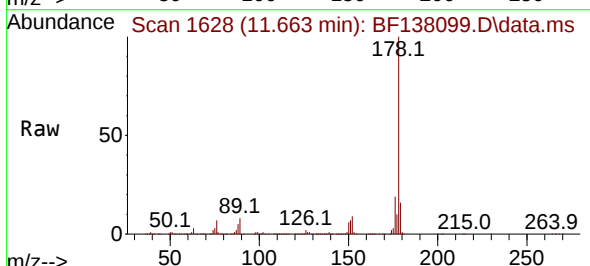
Manual Integrations
APPROVED

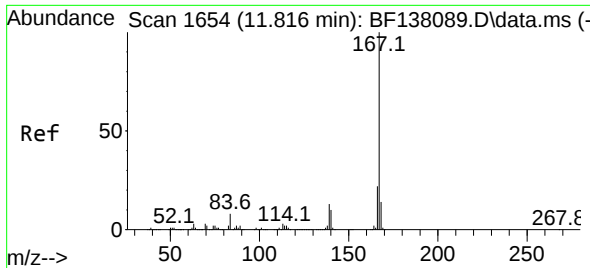
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#72
Anthracene
Concen: 44.935 ng
RT: 11.663 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:178 Resp: 1338230
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 43.883 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. -0.000 min
 Lab File: BF138099.D
 Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

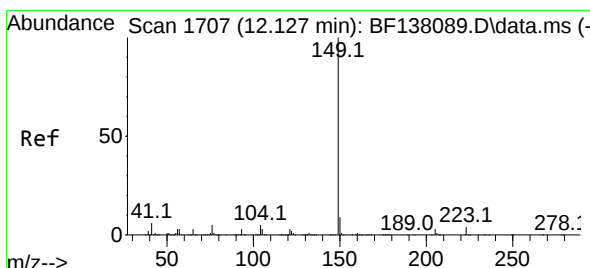
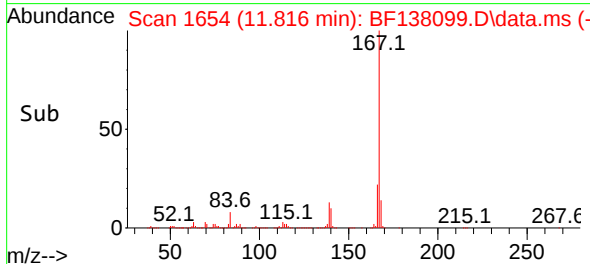
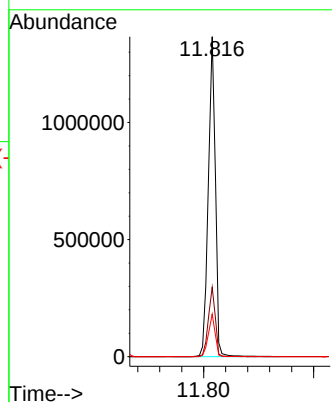
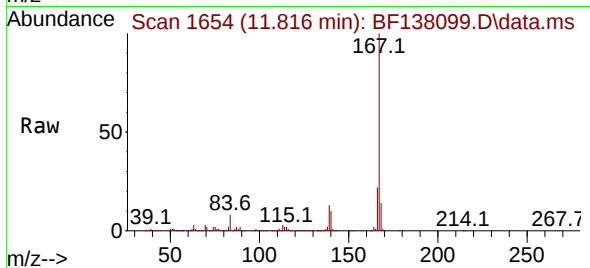
PB161242BS

Tgt Ion:167 Resp: 1214233
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.3 10.4 15.6

Manual Integrations

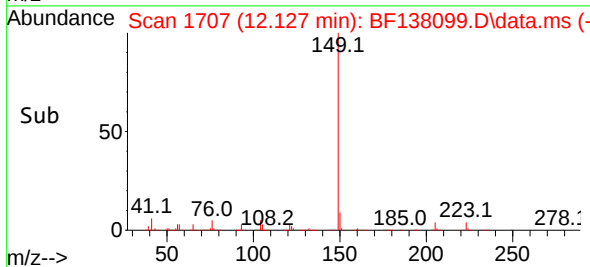
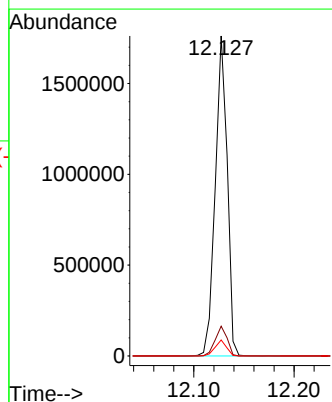
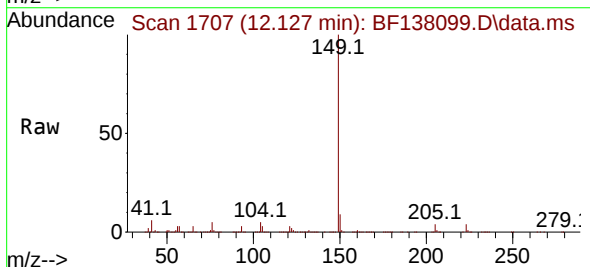
APPROVED

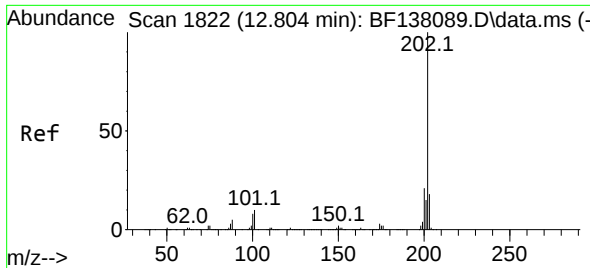
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#74
 Di-n-butylphthalate
 Concen: 44.040 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. -0.000 min
 Lab File: BF138099.D
 Acq: 03 Jun 2024 11:25

Tgt Ion:149 Resp: 1454282
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 3.8 5.6





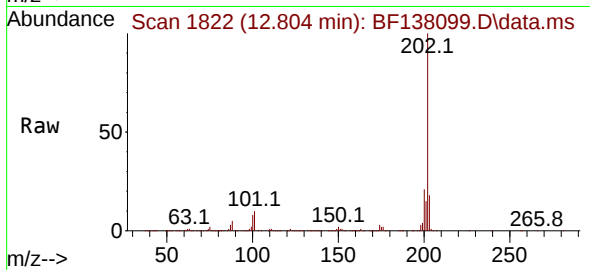
#75
Fluoranthene
Concen: 43.149 ng
RT: 12.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

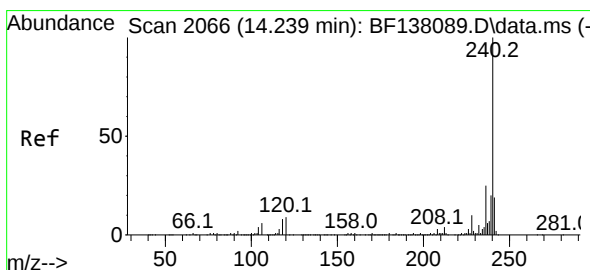
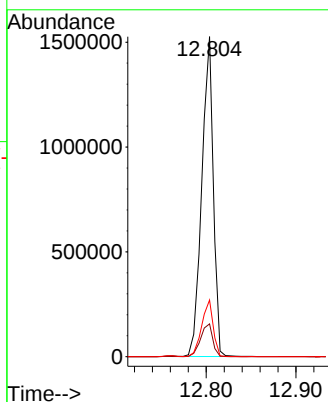
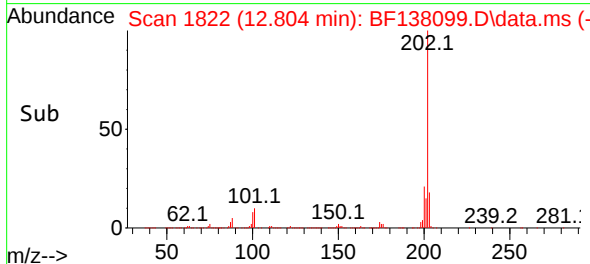


Tgt Ion:202 Resp: 135950
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.3
203 17.7 0.0 37.8

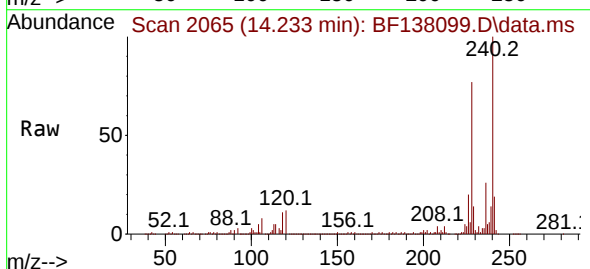
Manual Integrations

APPROVED

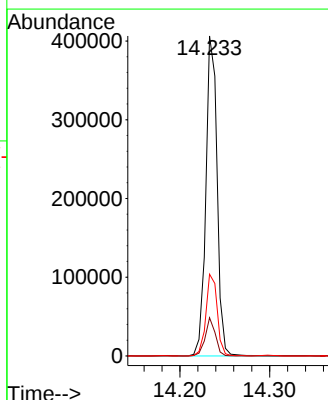
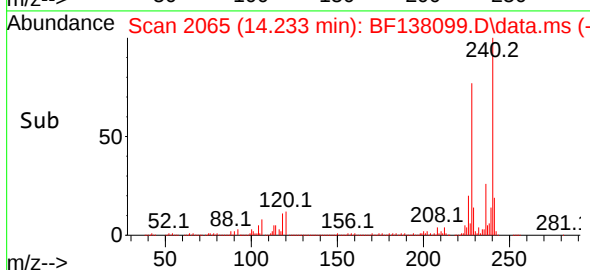
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

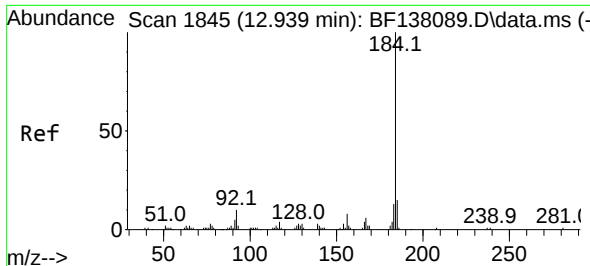


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



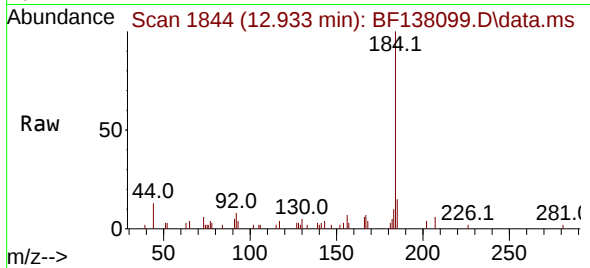
Tgt Ion:240 Resp: 353564
Ion Ratio Lower Upper
240 100
120 12.0 7.1 10.7#
236 25.6 20.4 30.6





#77
Benzidine
Concen: 7.881 ng m
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

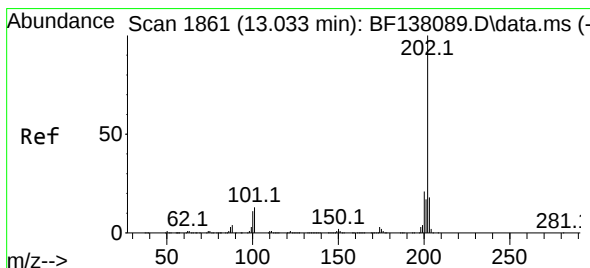
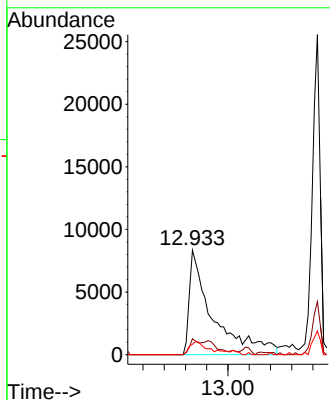
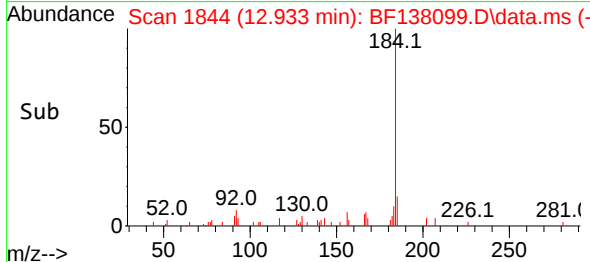
Instrument :
BNA_F
ClientSampleId :
PB161242BS



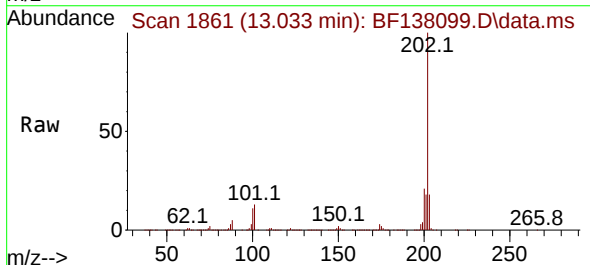
Tgt Ion:184 Resp: 25715
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 9.9 10.2 15.4

Manual Integrations
APPROVED

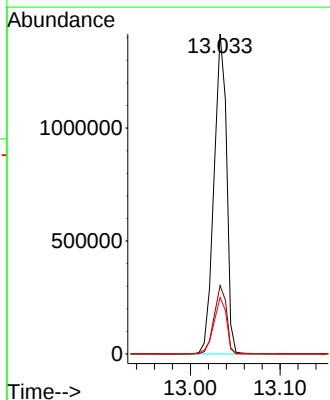
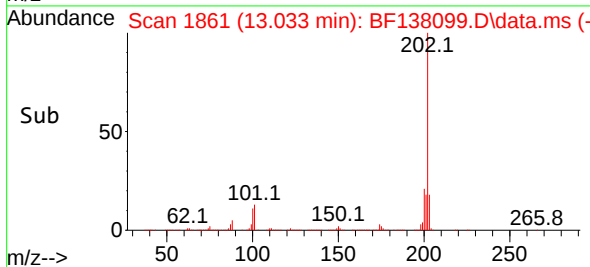
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

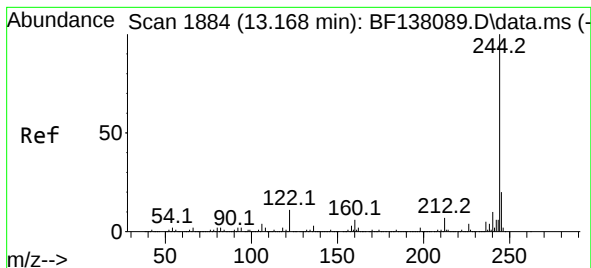


#78
Pyrene
Concen: 45.940 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



Tgt Ion:202 Resp: 1379865
Ion Ratio Lower Upper
202 100
200 21.4 16.6 25.0
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 85.584 ng

RT: 13.168 min Scan# 1884

Delta R.T. -0.000 min

Lab File: BF138099.D

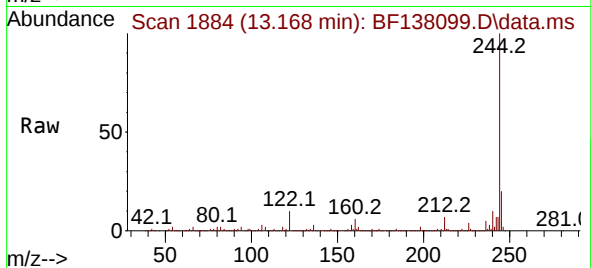
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS



Tgt Ion:244 Resp: 2091908

Ion Ratio Lower Upper

244 100

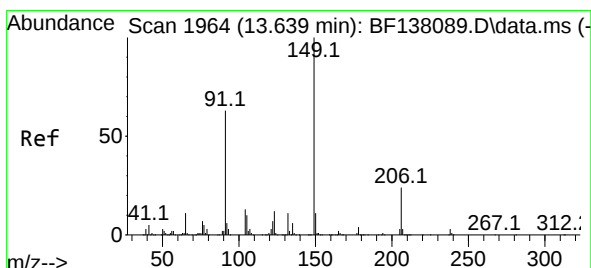
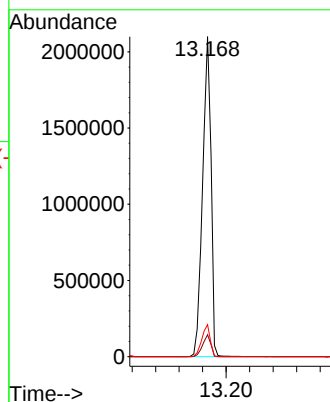
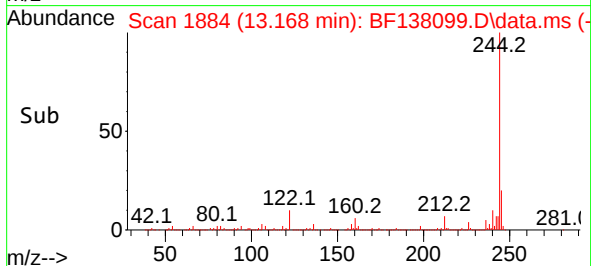
212 6.9 5.4 8.2

122 10.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#80

Butylbenzylphthalate

Concen: 48.192 ng

RT: 13.633 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

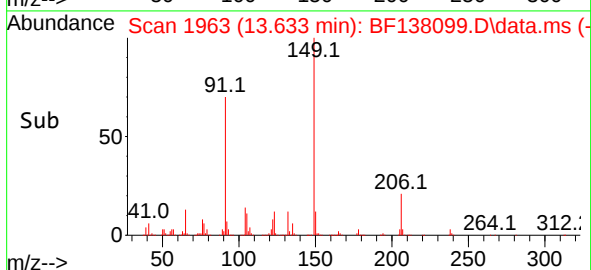
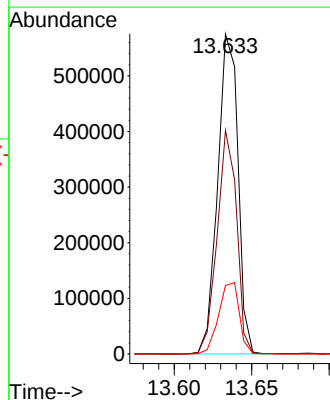
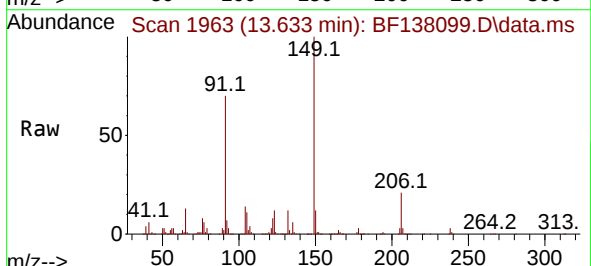
Tgt Ion:149 Resp: 525531

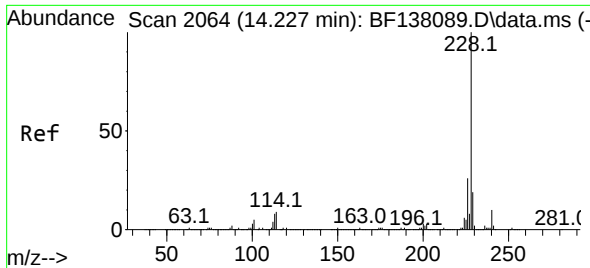
Ion Ratio Lower Upper

149 100

91 69.9 50.8 76.2

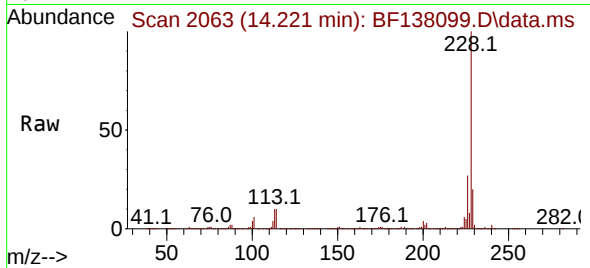
206 21.4 18.8 28.2





#81
Benzo(a)anthracene
Concen: 46.734 ng
RT: 14.221 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BF138089.D
Acq: 03 Jun 2024 11:25

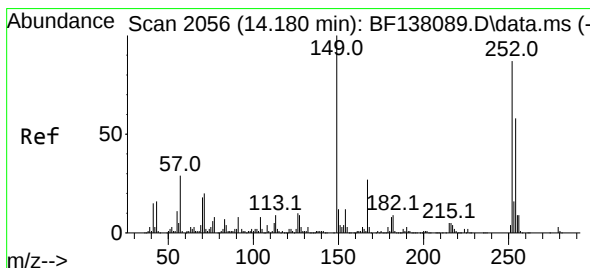
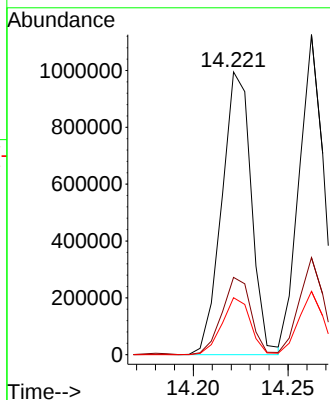
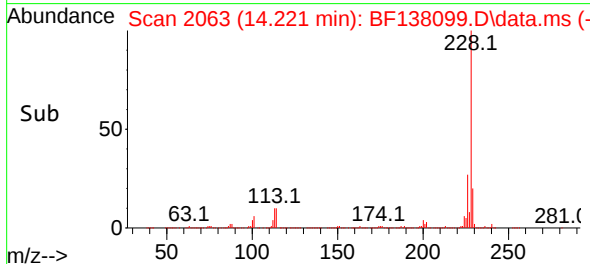
Instrument :
BNA_F
ClientSampleId :
PB161242BS



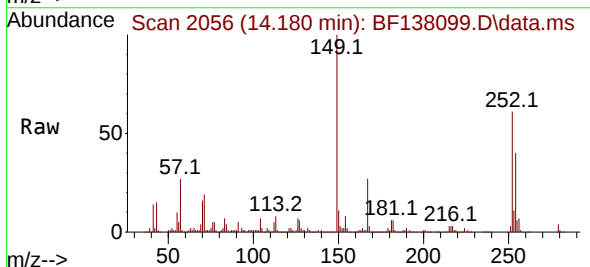
Tgt Ion:228 Resp: 107912
Ion Ratio Lower Upper
228 100
226 27.4 21.0 31.6
229 20.2 15.4 23.0

Manual Integrations
APPROVED

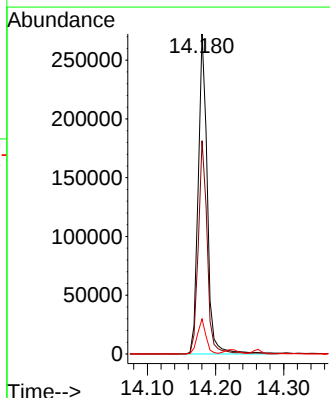
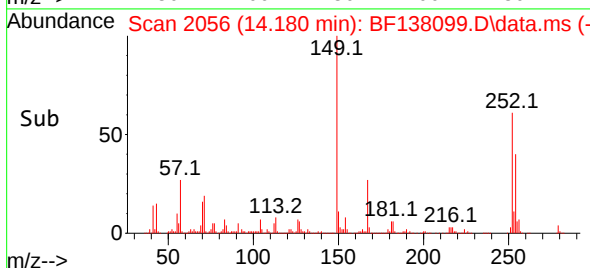
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

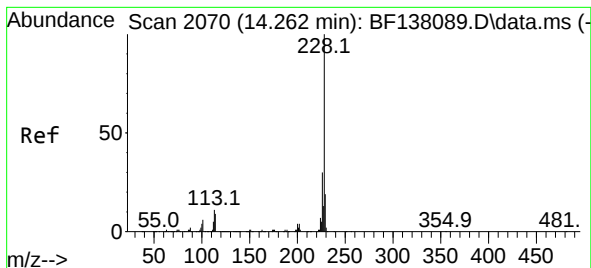


#82
3,3'-Dichlorobenzidine
Concen: 40.860 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BF138089.D
Acq: 03 Jun 2024 11:25



Tgt Ion:252 Resp: 252742
Ion Ratio Lower Upper
252 100
254 66.7 53.5 80.3
126 11.0 9.2 13.8





#83

Chrysene

Concen: 45.716 ng

RT: 14.262 min Scan# 2070

Delta R.T. -0.000 min

Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

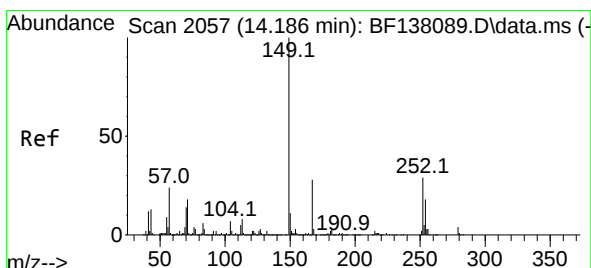
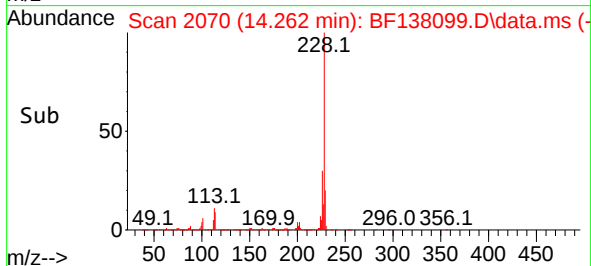
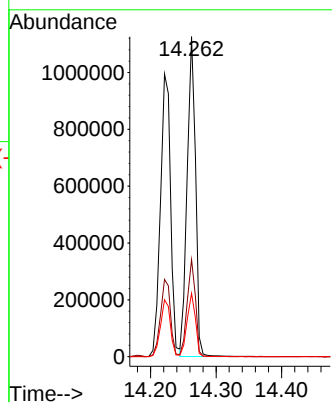
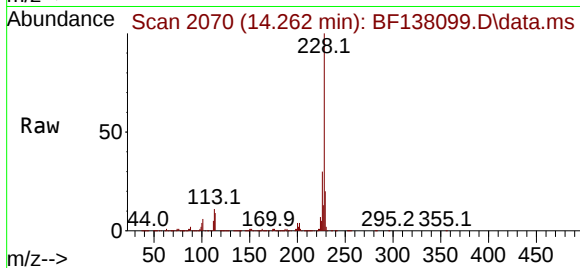
Tgt Ion:228 Resp: 996729

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	19.8	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.445 ng

RT: 14.186 min Scan# 2057

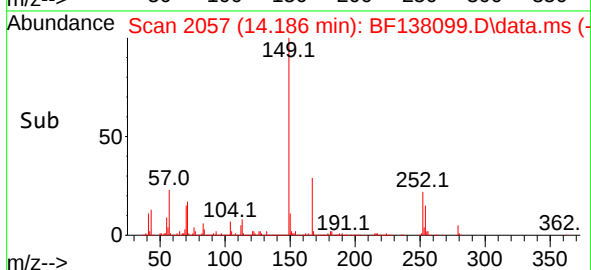
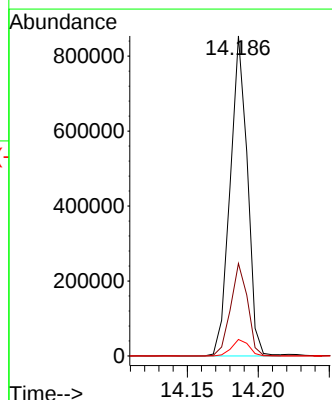
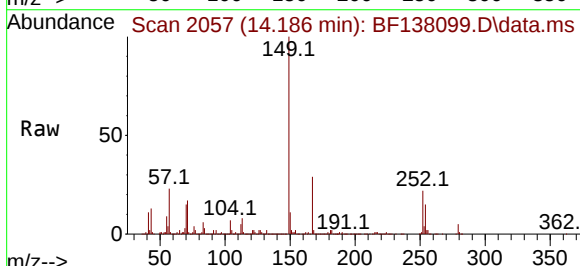
Delta R.T. -0.000 min

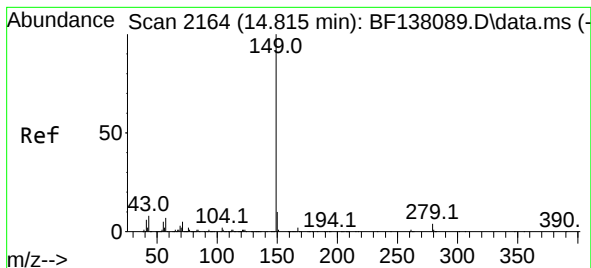
Lab File: BF138099.D

Acq: 03 Jun 2024 11:25

Tgt Ion:149 Resp: 718718

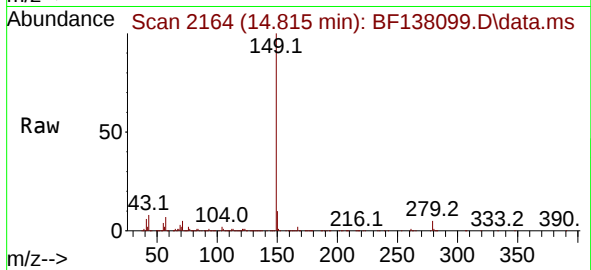
Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.2	33.2
279	5.2	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 48.224 ng
RT: 14.815 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

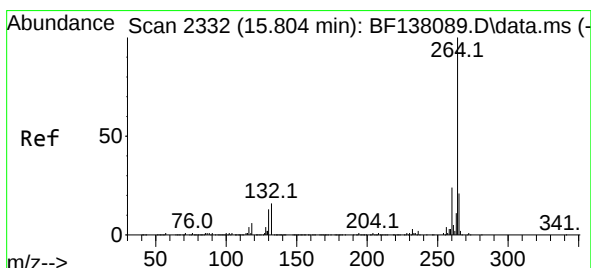
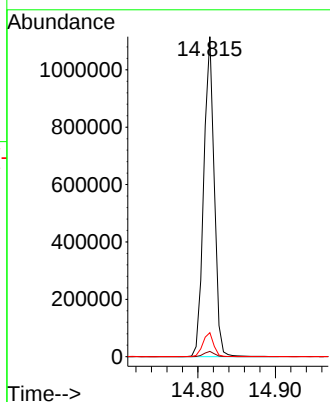
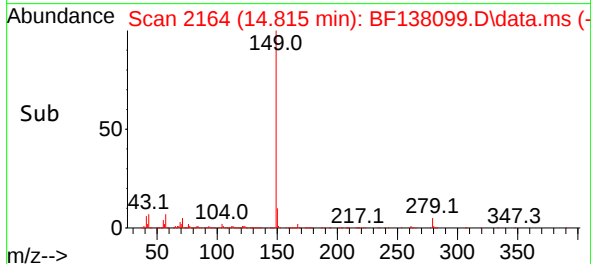
Instrument :
BNA_F
ClientSampleId :
PB161242BS



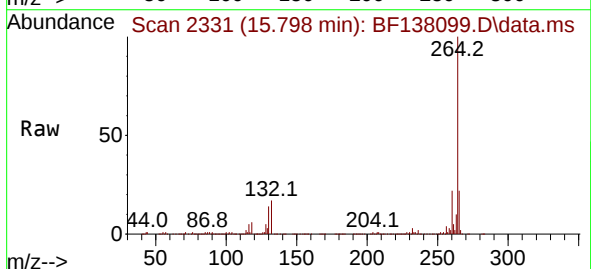
Tgt Ion:149 Resp: 1048480
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.6 5.8 8.8

Manual Integrations
APPROVED

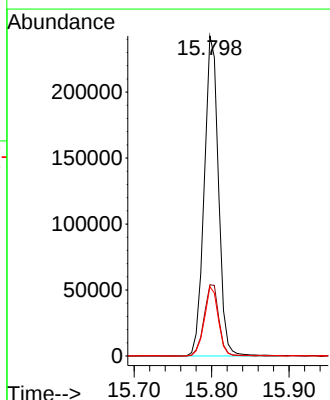
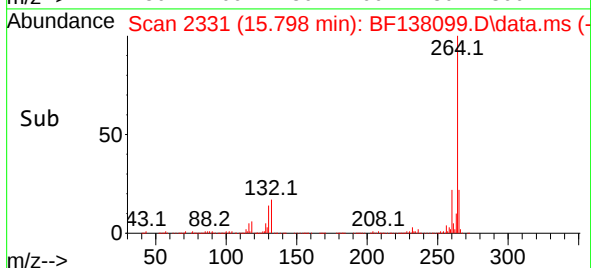
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

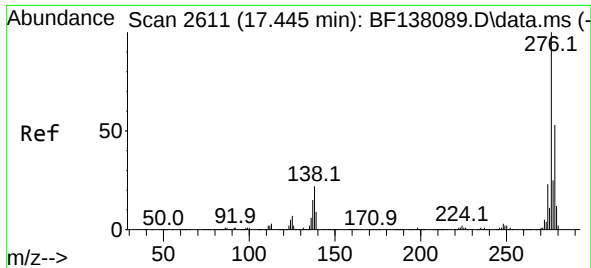


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.798 min Scan# 2331
Delta R.T. -0.006 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25



Tgt Ion:264 Resp: 309131
Ion Ratio Lower Upper
264 100
260 22.2 18.9 28.3
265 21.7 16.7 25.1





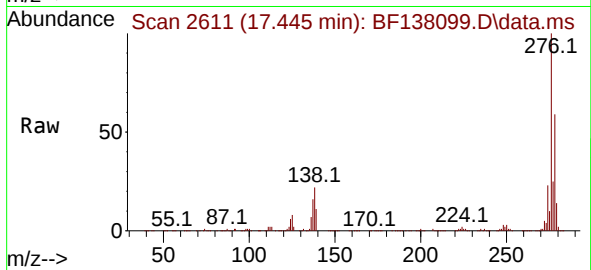
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.364 ng
RT: 17.445 min Scan# 2611
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

PB161242BS

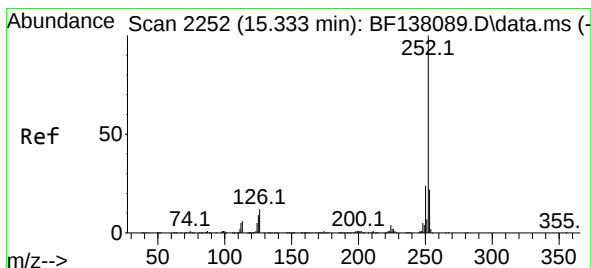
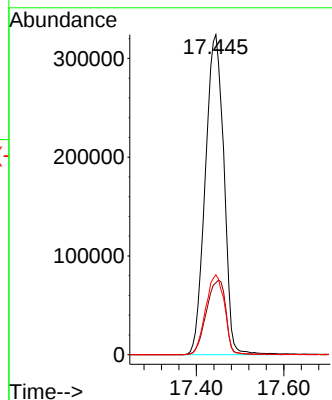
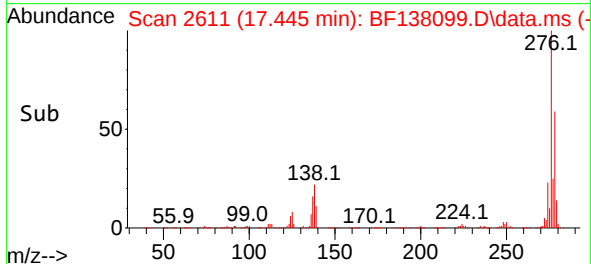


Tgt Ion:276 Resp: 957040
Ion Ratio Lower Upper
276 100
138 24.5 19.0 28.6
277 25.5 20.1 30.1

Manual Integrations

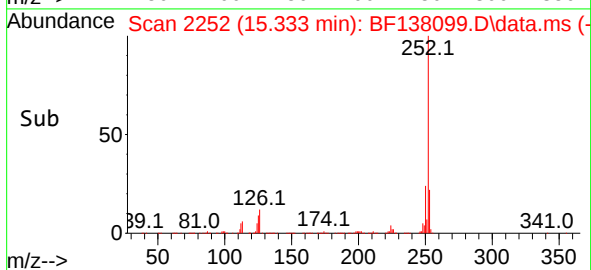
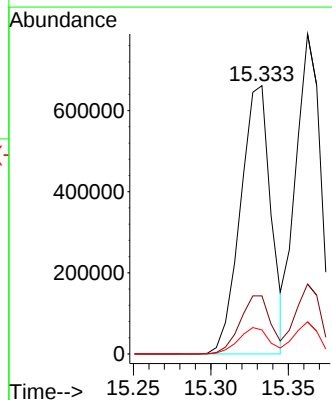
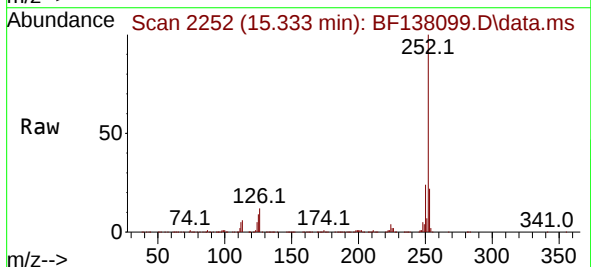
APPROVED

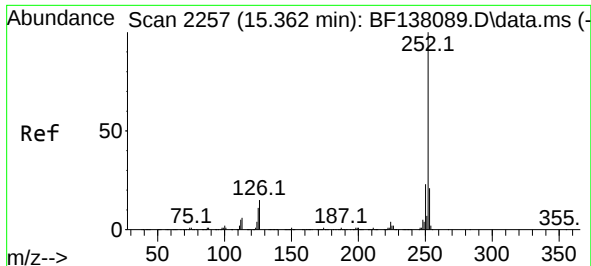
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#88
Benzo(b)fluoranthene
Concen: 47.555 ng
RT: 15.333 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:252 Resp: 905655
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.9 7.6 11.4





#89
Benzo(k)fluoranthene
Concen: 49.022 ng
RT: 15.362 min Scan# 2257
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

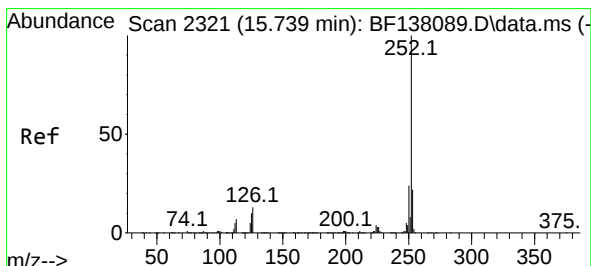
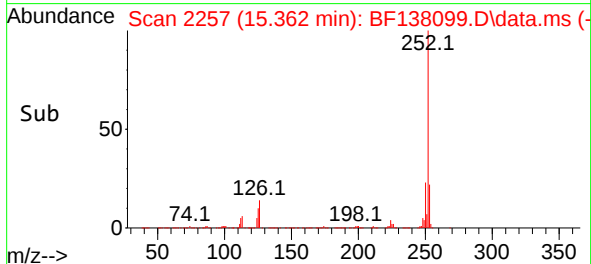
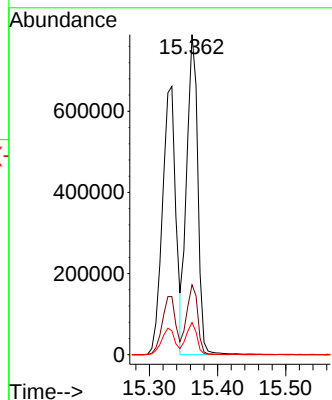
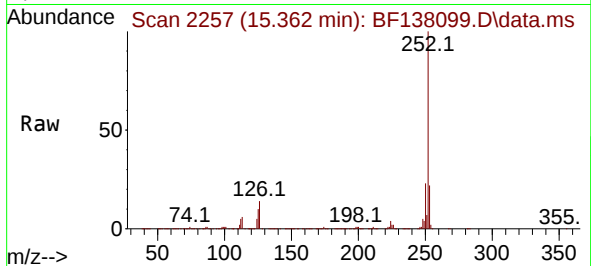
PB161242BS

Tgt Ion:252 Resp: 887040
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 10.0 8.2 12.4

Manual Integrations

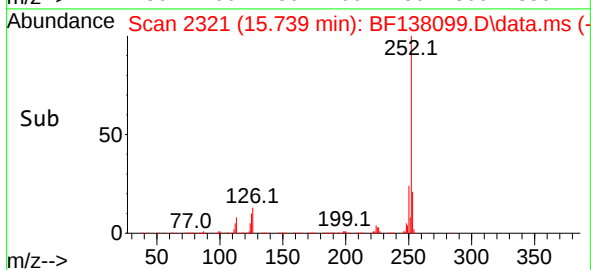
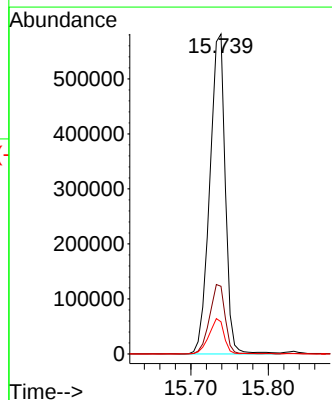
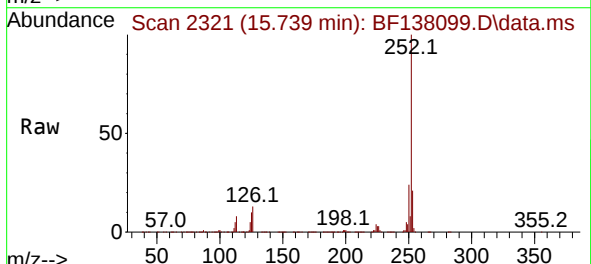
APPROVED

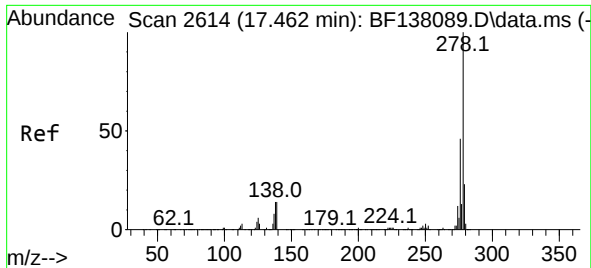
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#90
Benzo(a)pyrene
Concen: 50.698 ng
RT: 15.739 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:252 Resp: 807088
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 10.1 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 51.842 ng
RT: 17.462 min Scan# 2614
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Instrument :

BNA_F

ClientSampleId :

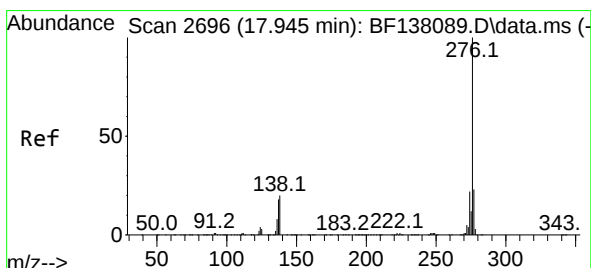
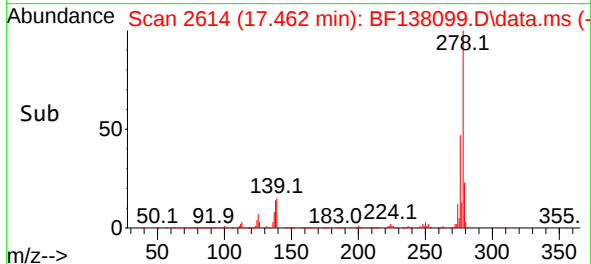
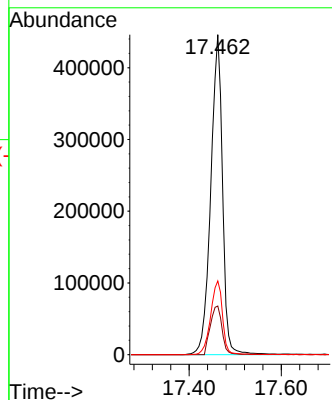
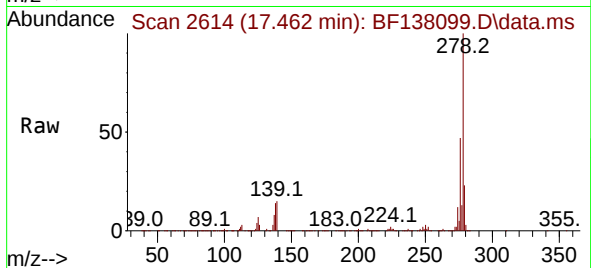
PB161242BS

Tgt Ion:278 Resp: 79249
Ion Ratio Lower Upper
278 100
139 15.2 11.5 17.3
279 23.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#92
Benzo(g,h,i)perylene
Concen: 47.854 ng
RT: 17.945 min Scan# 2696
Delta R.T. -0.000 min
Lab File: BF138099.D
Acq: 03 Jun 2024 11:25

Tgt Ion:276 Resp: 743032
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 20.3 16.3 24.5

