

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138282.D
 Acq On : 21 Jun 2024 13:25
 Operator : CG\JU
 Sample : P2976-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-K-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 13:55:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	300251	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1162793	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	596405	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	870891	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	537295	20.000	ng	0.00
86) Perylene-d12	15.515	264	598069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1841727	102.611	ng	0.00
7) Phenol-d6	6.522	99	2344580	103.015	ng	0.00
23) Nitrobenzene-d5	7.451	82	1447776	72.484	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	591419	99.610	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2602441	69.387	ng	0.00
79) Terphenyl-d14	12.992	244	2150204	63.383	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	306440	37.307	ng	97
3) Pyridine	3.498	79	781963	40.056	ng	98
4) n-Nitrosodimethylamine	3.457	42	400261	44.302	ng	94
6) Aniline	6.551	93	840750	37.753	ng	98
8) 2-Chlorophenol	6.669	128	928888	47.869	ng	97
9) Benzaldehyde	6.434	77	232003	19.192	ng	99
10) Phenol	6.534	94	1083748m	46.921	ng	
11) bis(2-Chloroethyl)ether	6.622	93	853985	46.197	ng	98
12) 1,3-Dichlorobenzene	6.828	146	954801	43.296	ng	99
13) 1,4-Dichlorobenzene	6.904	146	962063	43.350	ng	99
14) 1,2-Dichlorobenzene	7.057	146	930395	44.658	ng	98
15) Benzyl Alcohol	7.028	79	748222	48.757	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1145437	43.905	ng	96
17) 2-Methylphenol	7.139	107	718205	46.911	ng	99
18) Hexachloroethane	7.398	117	342543	45.559	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	605553	44.886	ng	97
20) 3+4-Methylphenols	7.292	107	833863	43.272	ng	96
22) Acetophenone	7.298	105	1064388	40.070	ng	97
24) Nitrobenzene	7.469	77	906582	43.916	ng	96
25) Isophorone	7.710	82	1684903	46.637	ng	99
26) 2-Nitrophenol	7.786	139	503180	60.617	ng	98
27) 2,4-Dimethylphenol	7.822	122	621317	49.198	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1056160	46.700	ng	99
29) 2,4-Dichlorophenol	8.028	162	757087	46.563	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	839156	43.763	ng	98
31) Naphthalene	8.192	128	2470835	42.973	ng	100
32) Benzoic acid	7.939	122	460083m	41.335	ng	
33) 4-Chloroaniline	8.233	127	333996	15.542	ng	99
34) Hexachlorobutadiene	8.304	225	484340	43.189	ng	98
35) Caprolactam	8.616	113	214535m	43.705	ng	
36) 4-Chloro-3-methylphenol	8.722	107	756022	46.700	ng	99
37) 2-Methylnaphthalene	8.880	142	1638510	43.421	ng	100
38) 1-Methylnaphthalene	8.980	142	1512454	40.901	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	756026	43.380	ng	99
41) Hexachlorocyclopentadiene	9.033	237	627266	110.380	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	539485	49.437	ng	98

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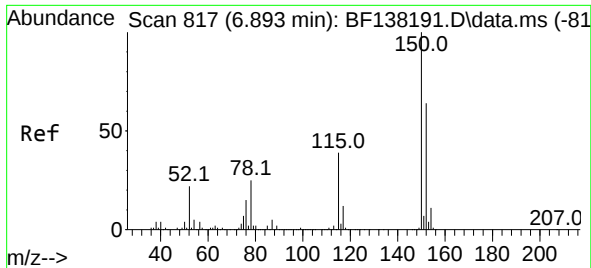
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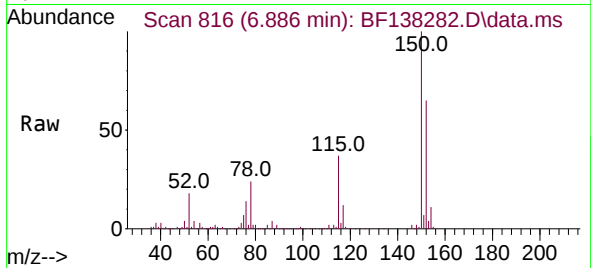
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	554499	46.270	ng	98
46) 1,1'-Biphenyl	9.345	154	1855837	42.406	ng	99
47) 2-Chloronaphthalene	9.369	162	1557363	45.028	ng	99
48) 2-Nitroaniline	9.469	65	435531	52.289	ng	86
49) Acenaphthylene	9.786	152	2317715	47.789	ng	99
50) Dimethylphthalate	9.645	163	1824229	49.921	ng	100
51) 2,6-Dinitrotoluene	9.710	165	413788	52.196	ng	# 86
52) Acenaphthene	9.957	154	1500998	45.387	ng	99
53) 3-Nitroaniline	9.875	138	273174	32.256	ng	97
54) 2,4-Dinitrophenol	9.980	184	258363	68.150	ng	92
55) Dibenzofuran	10.127	168	2040876	44.145	ng	100
56) 4-Nitrophenol	10.033	139	506760	75.720	ng	96
57) 2,4-Dinitrotoluene	10.110	165	524572	53.650	ng	94
58) Fluorene	10.474	166	1513524	41.638	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	410660	43.847	ng	99
60) Diethylphthalate	10.345	149	1669491	48.137	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	795321	43.932	ng	100
62) 4-Nitroaniline	10.492	138	337384	39.873	ng	97
63) Azobenzene	10.622	77	1539478	44.307	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	205390	46.531	ng	86
66) n-Nitrosodiphenylamine	10.580	169	1385215	51.954	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	505119	51.472	ng	# 94
68) Hexachlorobenzene	11.016	284	548719	47.913	ng	98
69) Atrazine	11.110	200	411692	54.211	ng	97
70) Pentachlorophenol	11.210	266	496489	74.335	ng	98
71) Phenanthrene	11.433	178	1969490	45.729	ng	99
72) Anthracene	11.486	178	1989359	46.523	ng	99
73) Carbazole	11.639	167	1629211	41.540	ng	99
74) Di-n-butylphthalate	11.969	149	2123006	52.288	ng	99
75) Fluoranthene	12.616	202	1713942	39.026	ng	98
77) Benzidine	12.739	184	470501	75.707	ng	98
78) Pyrene	12.845	202	1743607	37.622	ng	99
80) Butylbenzylphthalate	13.468	149	724920	57.505	ng	98
81) Benzo(a)anthracene	14.033	228	1630512	47.302	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	388816	40.961	ng	99
83) Chrysene	14.074	228	1576995	47.997	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1018380	69.458	ng	97
85) Di-n-octyl phthalate	14.639	149	1882718	86.436	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1470379	37.713	ng	100
88) Benzo(b)fluoranthene	15.086	252	1720354	48.778	ng	100
89) Benzo(k)fluoranthene	15.115	252	1691599	48.940	ng	98
90) Benzo(a)pyrene	15.457	252	1537975	50.759	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	1203227	37.599	ng	99
92) Benzo(g,h,i)perylene	17.439	276	1069758	32.313	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.007 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

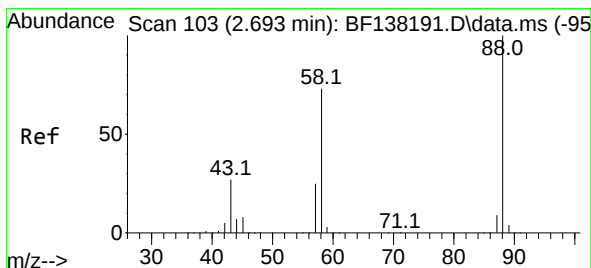
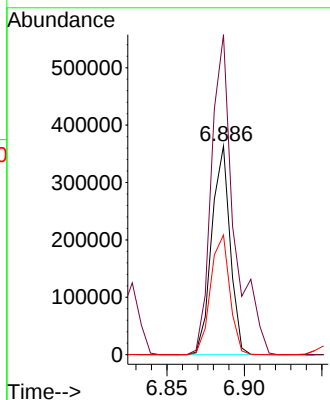
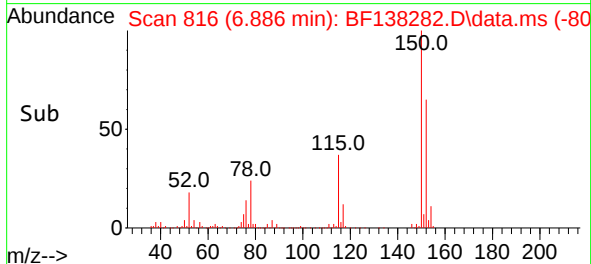
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



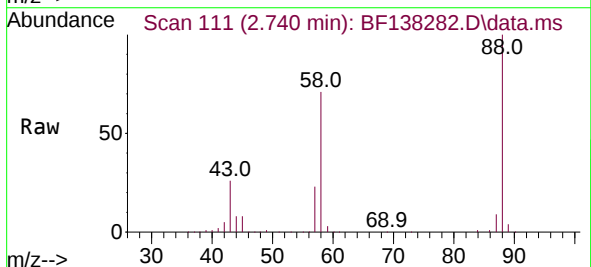
Tgt Ion:152 Resp: 30025
Ion Ratio Lower Upper
152 100
150 153.4 125.0 187.4
115 57.4 48.4 72.6

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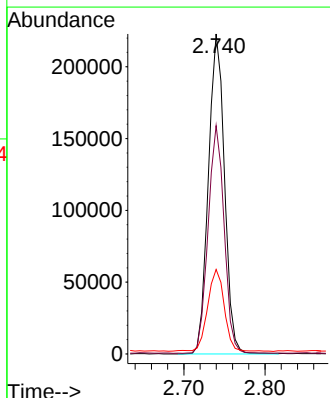
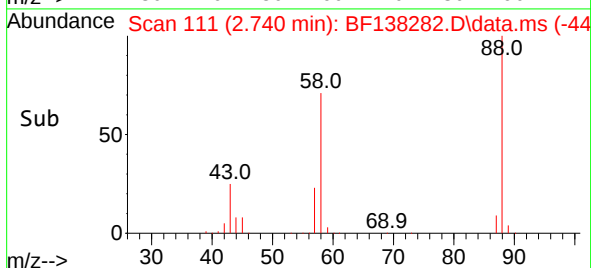
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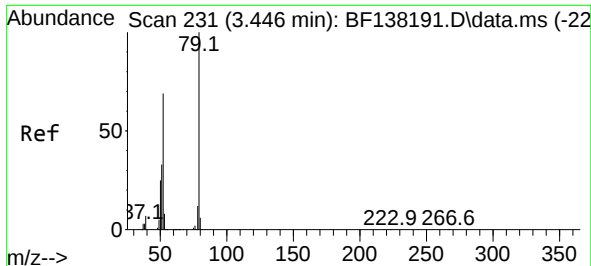


#2
1,4-Dioxane
Concen: 37.307 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.047 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



Tgt Ion: 88 Resp: 306440
Ion Ratio Lower Upper
88 100
58 70.9 58.6 87.8
43 26.6 22.4 33.6





#3

Pyridine

Concen: 40.056 ng

RT: 3.498 min Scan# 24

Delta R.T. 0.053 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS

Tgt Ion: 79 Resp: 78196

Ion Ratio Lower Upper

79 100

52 67.3 55.0 82.4

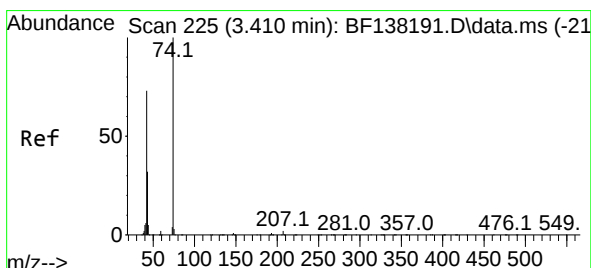
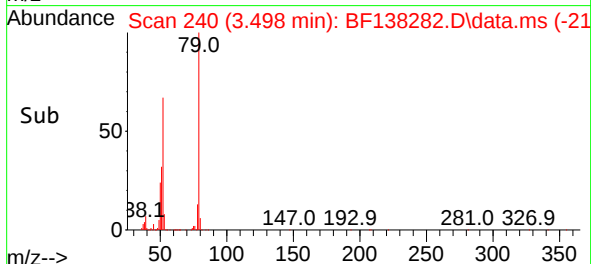
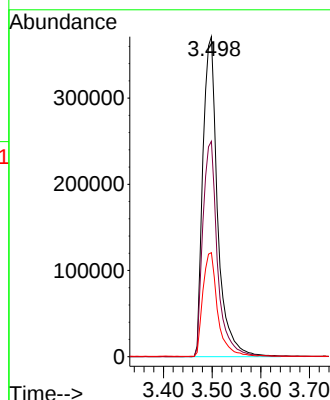
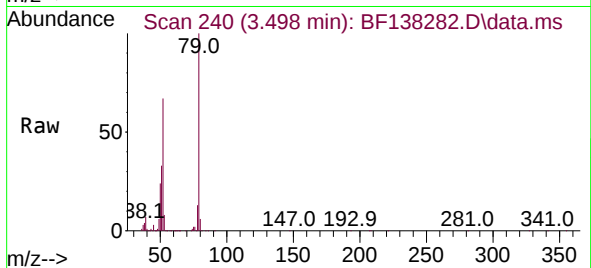
51 32.5 26.9 40.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.302 ng

RT: 3.457 min Scan# 233

Delta R.T. 0.047 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

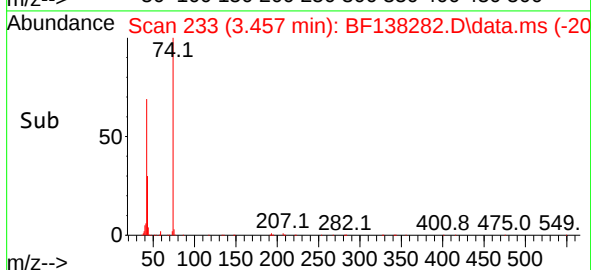
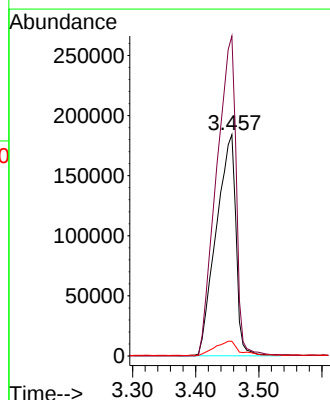
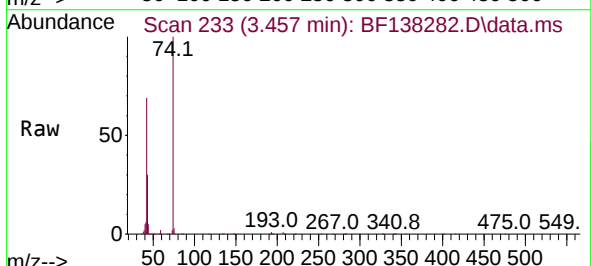
Tgt Ion: 42 Resp: 400261

Ion Ratio Lower Upper

42 100

74 144.6 109.9 164.9

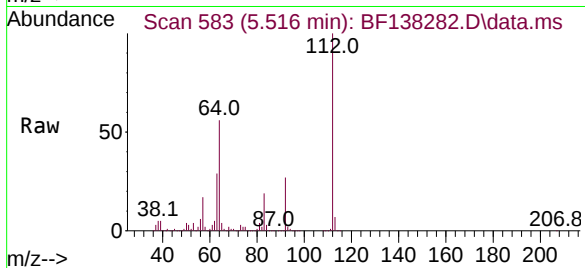
44 6.7 5.2 7.8





#5
2-Fluorophenol
Concen: 102.611 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

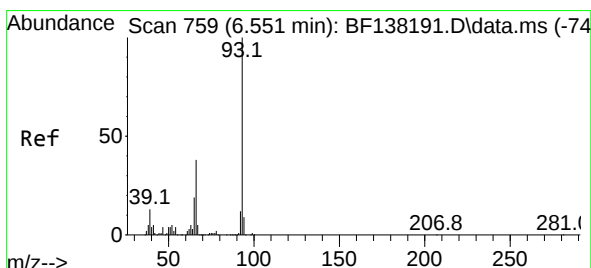
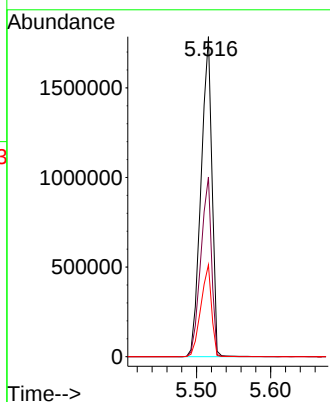
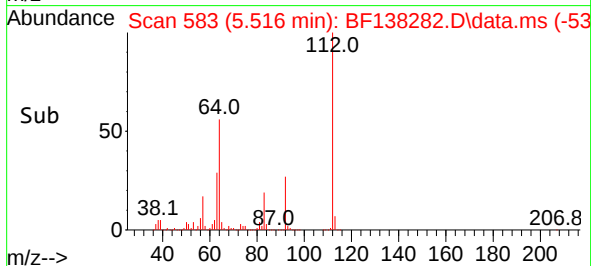
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



Tgt Ion: 112 Resp: 184172
Ion Ratio Lower Upper
112 100
64 56.1 45.2 67.8
63 28.7 22.9 34.3

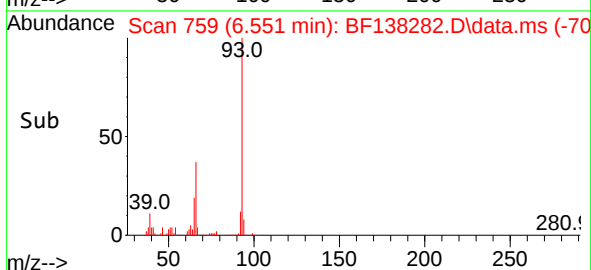
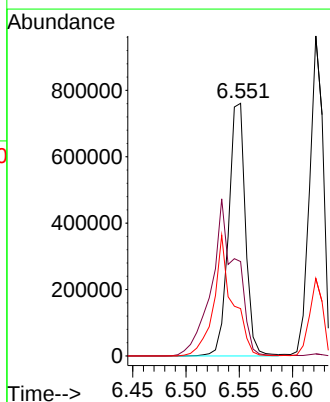
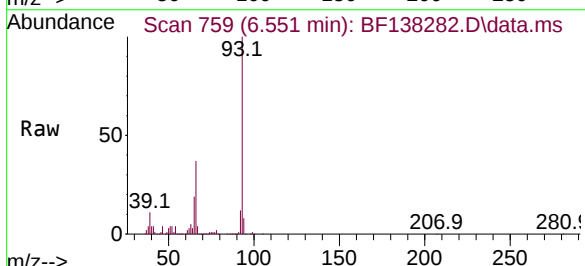
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#6
Aniline
Concen: 37.753 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

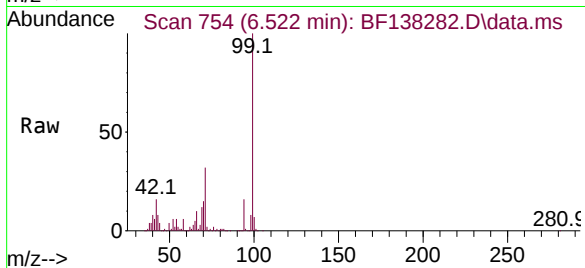
Tgt Ion: 93 Resp: 840750
Ion Ratio Lower Upper
93 100
66 37.3 30.8 46.2
65 18.7 15.5 23.3





#7
Phenol-d6
Concen: 103.015 ng
RT: 6.522 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

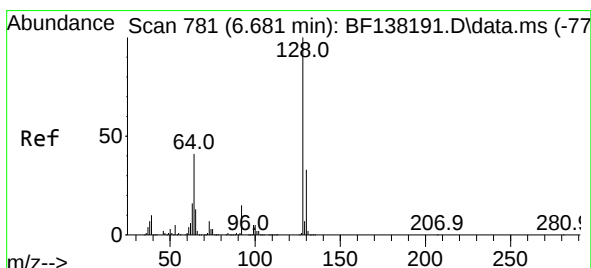
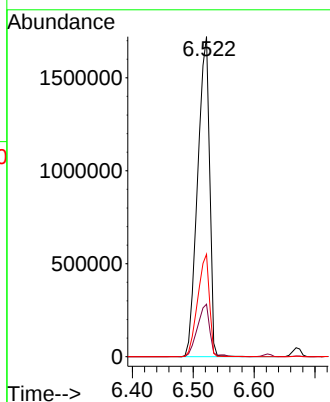
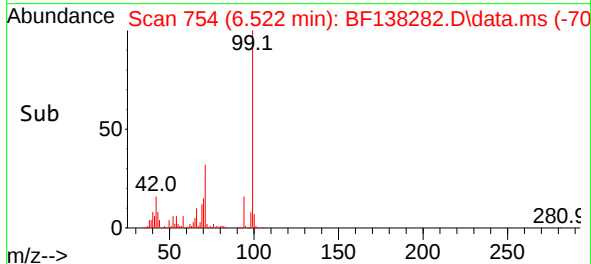
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BNA_F
ClientSampleId :
MH-K-COMPMS



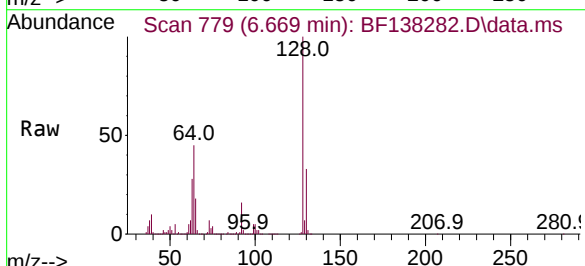
Tgt Ion: 99 Resp: 2344580
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 32.0 25.0 37.6

Manual Integrations
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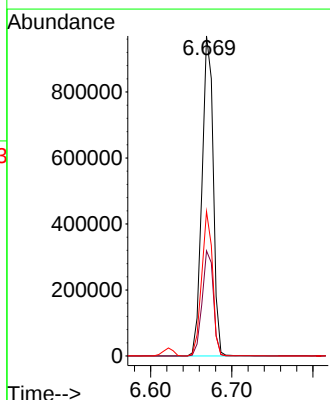
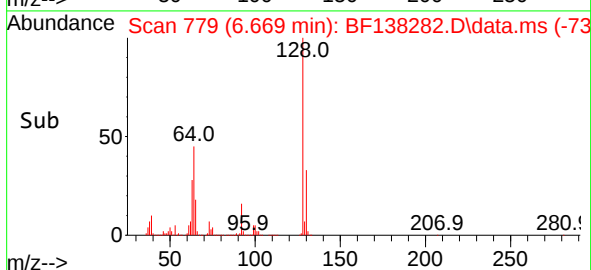
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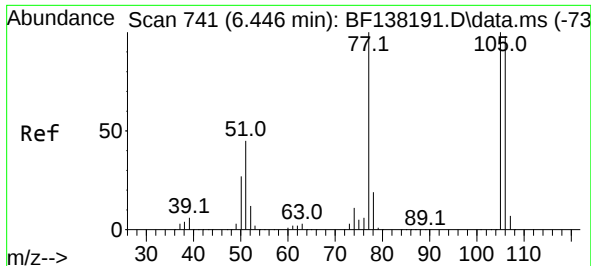


#8
2-Chlorophenol
Concen: 47.869 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



Tgt Ion:128 Resp: 928888
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 45.2 21.8 61.8





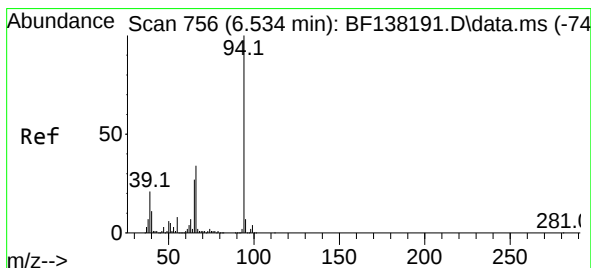
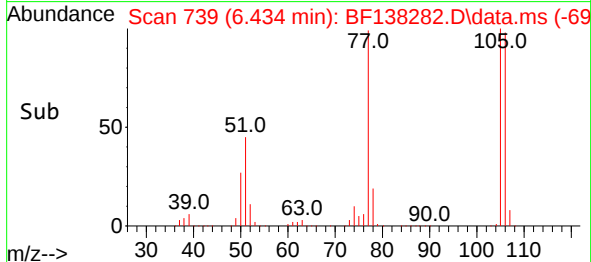
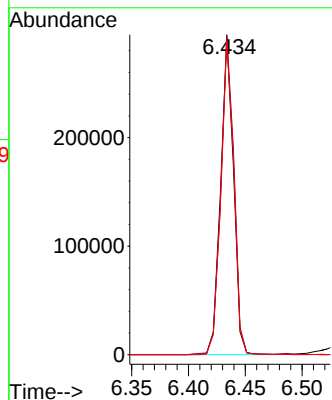
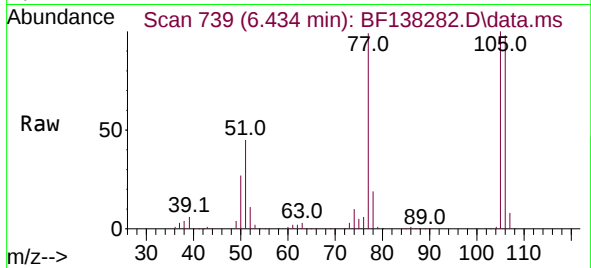
#9
Benzaldehyde
Concen: 19.192 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS

Tgt Ion: 77 Resp: 232000
Ion Ratio Lower Upper
77 100
105 100.7 80.1 120.1
106 98.8 77.8 117.8

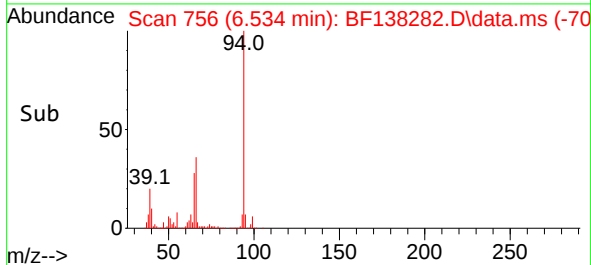
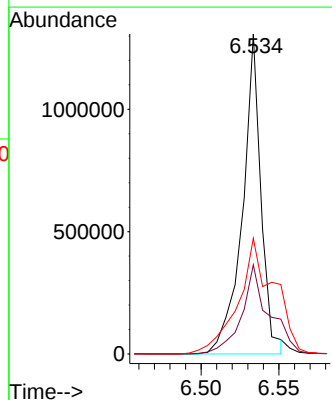
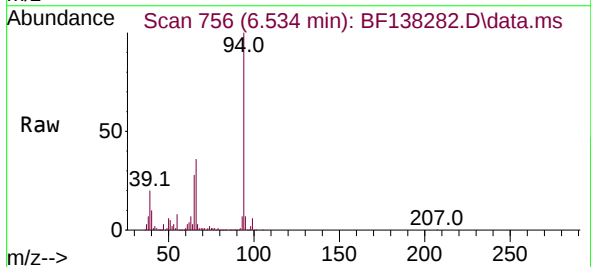
Manual Integrations
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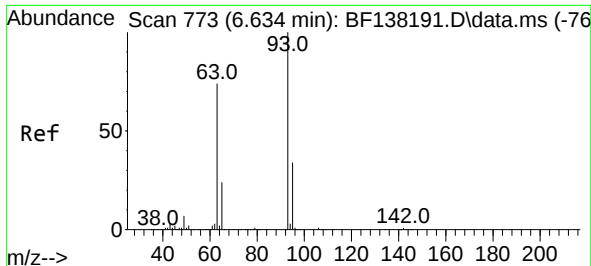
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#10
Phenol
Concen: 46.921 ng m
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

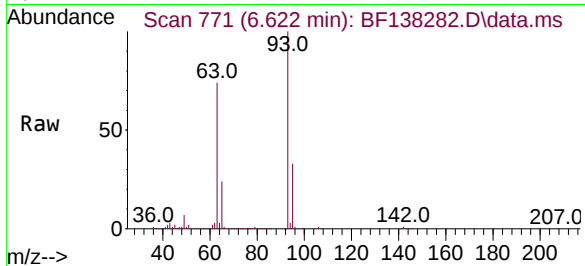
Tgt Ion: 94 Resp: 1083748
Ion Ratio Lower Upper
94 100
65 27.8 6.8 46.8
66 36.2 14.2 54.2





#11
bis(2-Chloroethyl)ether
Concen: 46.197 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

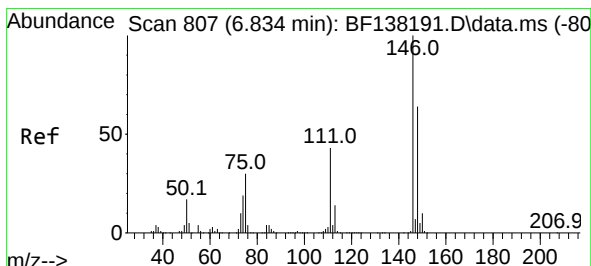
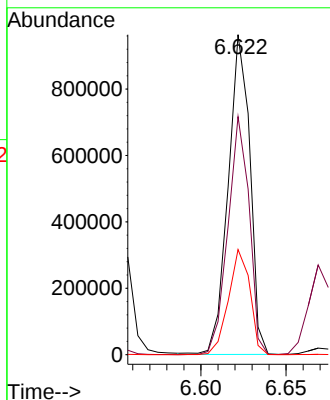
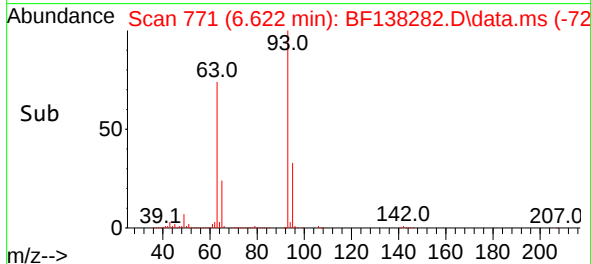
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



Tgt Ion: 93 Resp: 85398
Ion Ratio Lower Upper
93 100
63 74.4 52.5 92.5
95 32.8 13.2 53.2

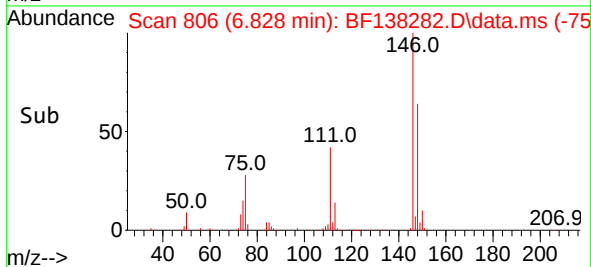
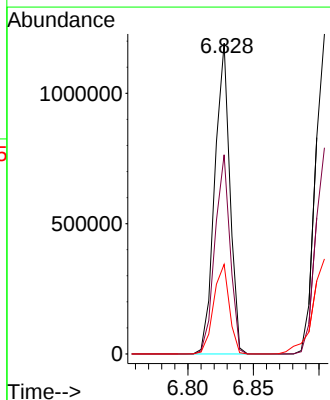
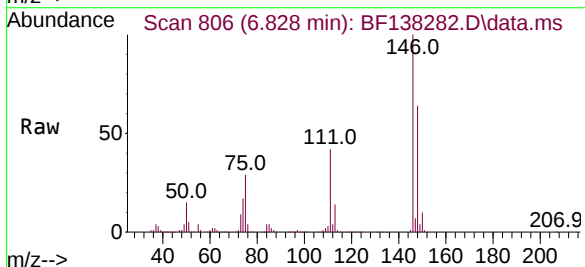
Manual Integrations
APPROVED

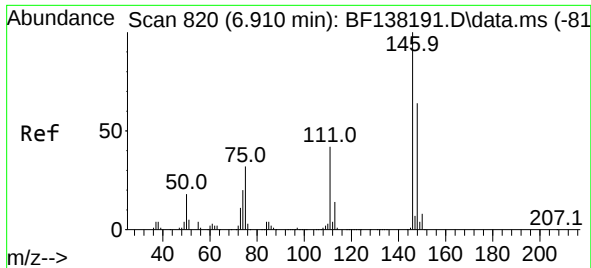
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#12
1,3-Dichlorobenzene
Concen: 43.296 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:146 Resp: 954801
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
75 28.8 24.3 36.5





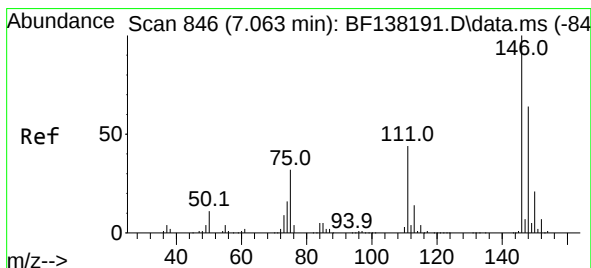
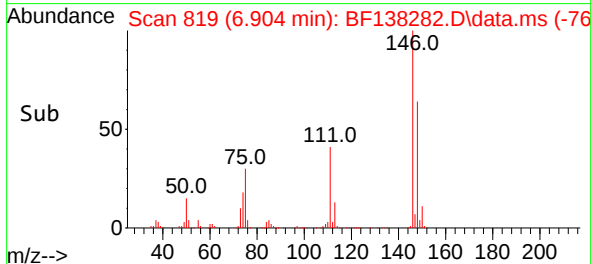
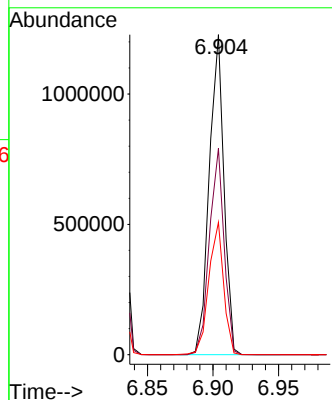
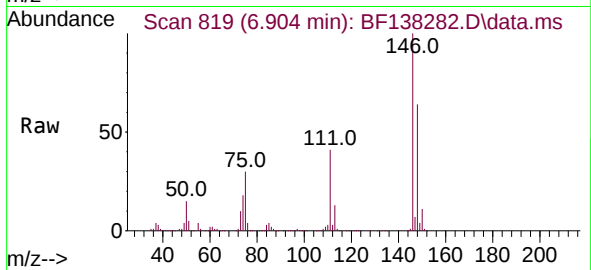
#13
1,4-Dichlorobenzene
Concen: 43.350 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS

Tgt Ion:146 Resp: 962063
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 41.3 33.7 50.5

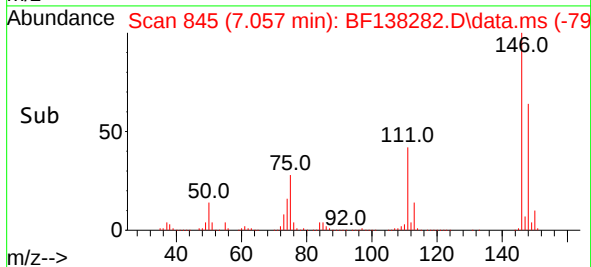
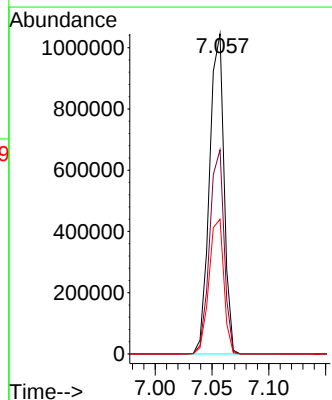
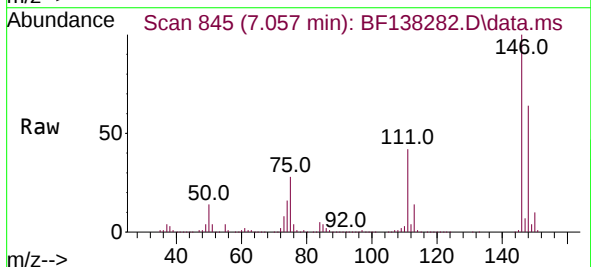
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#14
1,2-Dichlorobenzene
Concen: 44.658 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:146 Resp: 930395
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 42.1 35.4 53.2





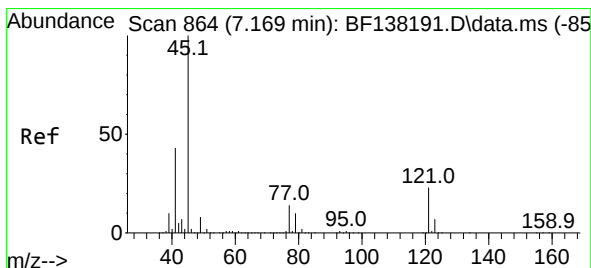
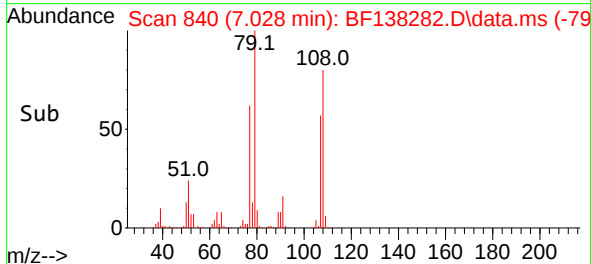
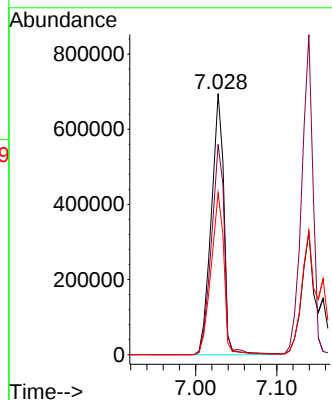
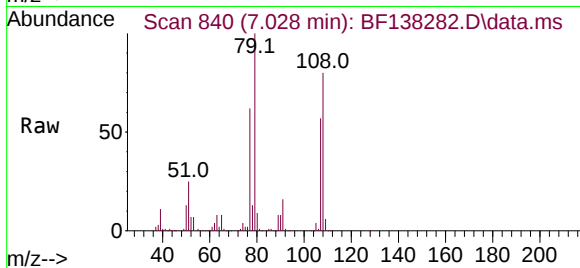
#15
Benzyl Alcohol
Concen: 48.757 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS

Tgt Ion: 79 Resp: 748222
Ion Ratio Lower Upper
79 100
108 80.5 65.9 98.9
77 62.0 50.3 75.5

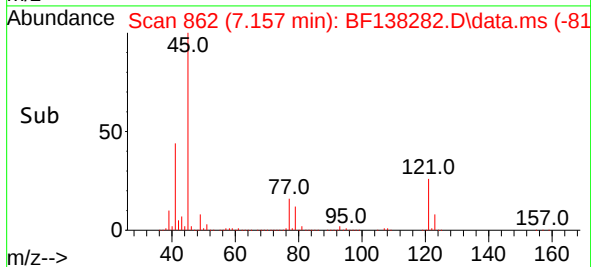
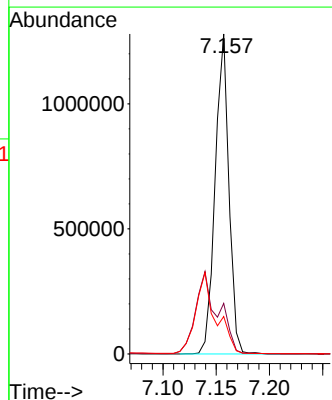
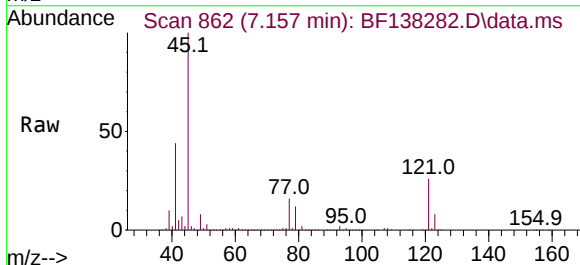
Manual Integrations
APPROVED

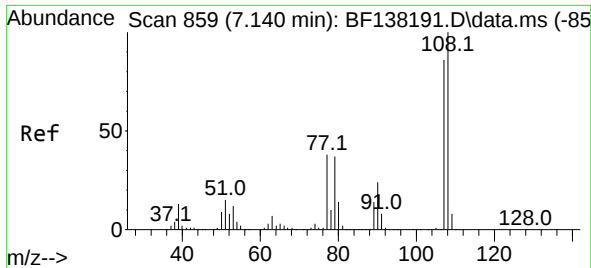
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.905 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

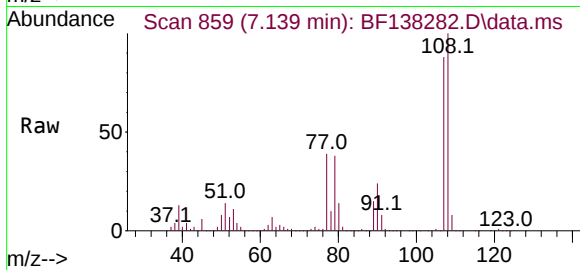
Tgt Ion: 45 Resp: 1145437
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.9
79 11.7 0.0 30.7





#17
2-Methylphenol
Concen: 46.911 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

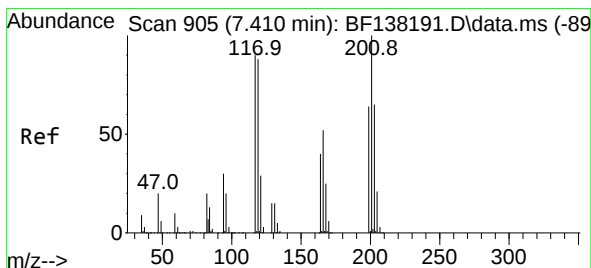
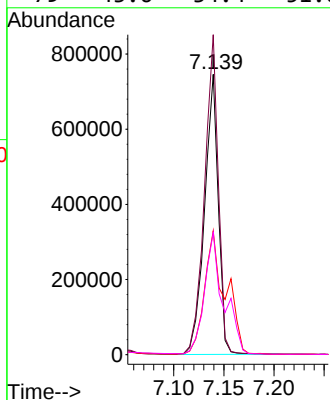
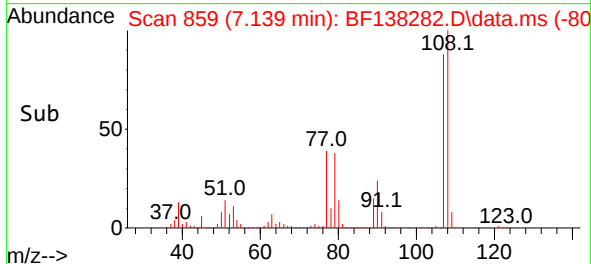
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



Tgt Ion:107 Resp: 71820
Ion Ratio Lower Upper
107 100
108 114.1 92.7 139.1
77 44.2 35.7 53.5
79 43.6 34.4 51.6

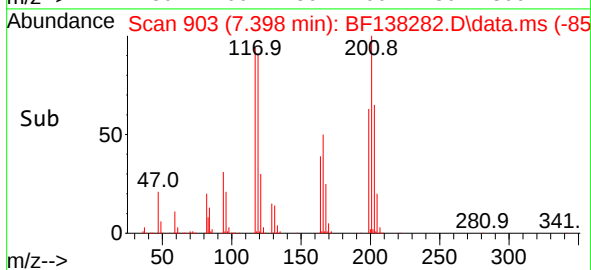
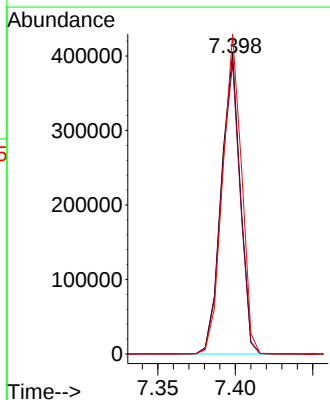
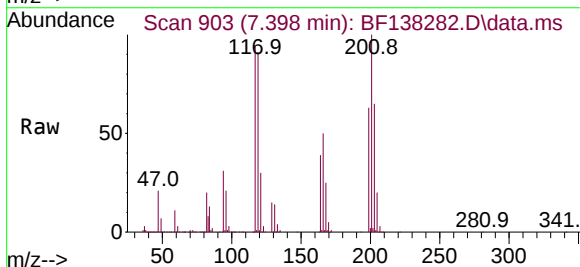
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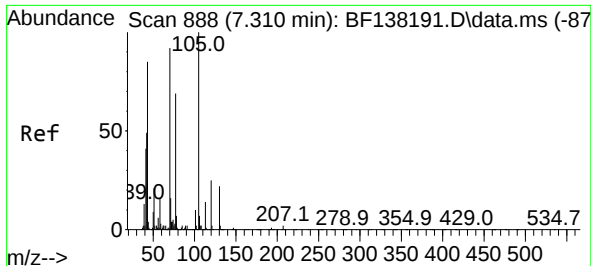
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#18
Hexachloroethane
Concen: 45.559 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:117 Resp: 342543
Ion Ratio Lower Upper
117 100
119 96.8 78.4 117.6
201 106.3 89.0 133.6





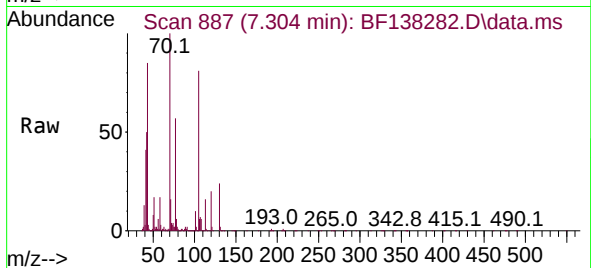
#19
n-Nitroso-di-n-propylamine
Concen: 44.886 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS



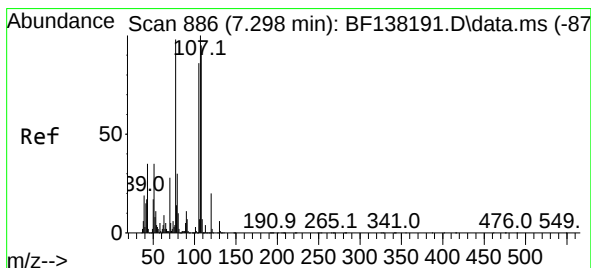
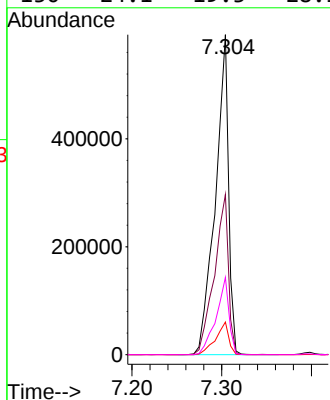
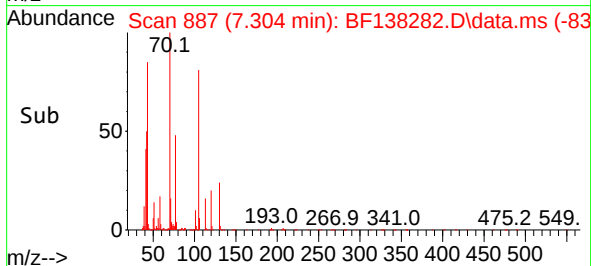
Tgt Ion: 70 Resp: 60555
Ion Ratio Lower Upper
70 100
42 50.1 42.8 64.2
101 10.2 8.4 12.6
130 24.1 19.3 28.9

Manual Integrations

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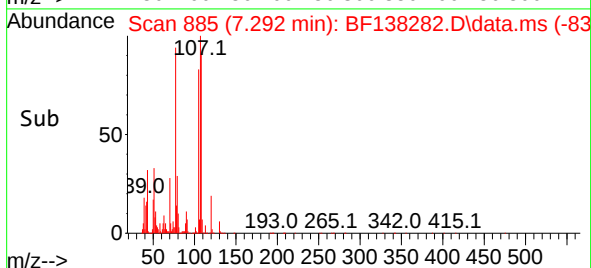
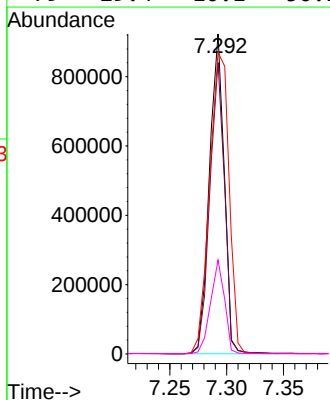
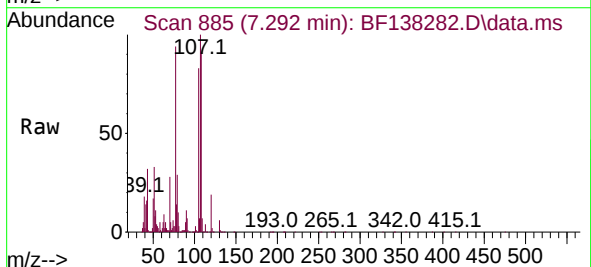
Reviewed By :Yogesh Patel 06/24/2024

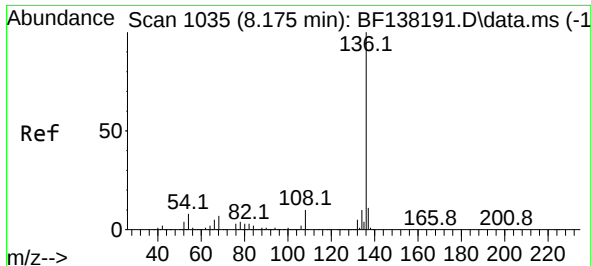
Supervised By :mohammad ahmed 06/24/2024



#20
3+4-Methylphenols
Concen: 43.272 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:107 Resp: 833863
Ion Ratio Lower Upper
107 100
108 91.1 74.9 114.9
77 94.3 78.2 118.2
79 29.4 10.1 50.1





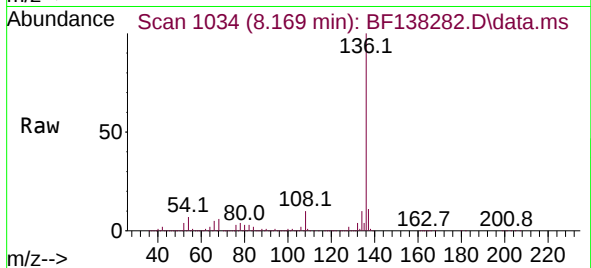
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS

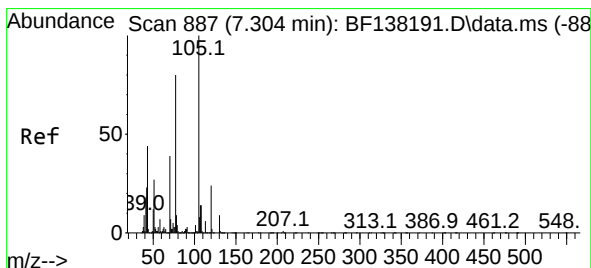
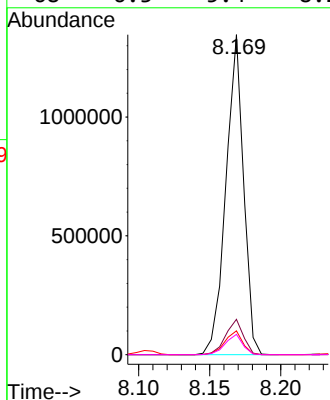
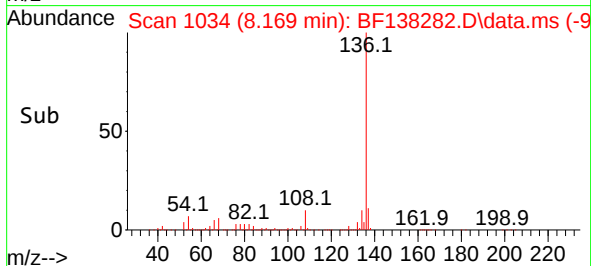


Tgt Ion:136 Resp: 116279
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.4 6.6 10.0
68 6.3 5.4 8.2

Manual Integrations

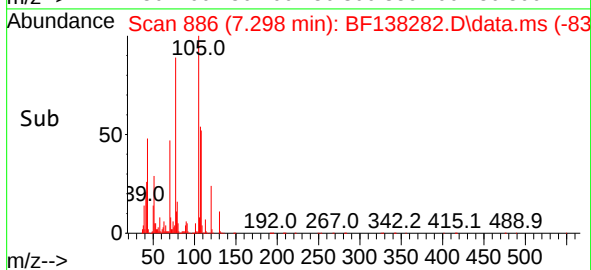
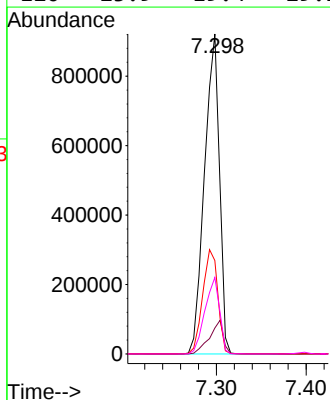
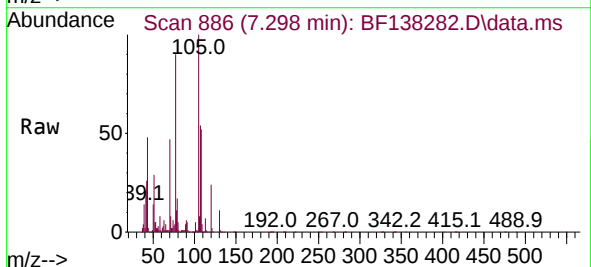
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Acetophenone
Concen: 40.070 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:105 Resp: 1064388
Ion Ratio Lower Upper
105 100
71 8.1 5.4 8.2
51 29.2 21.4 32.0
120 23.9 19.4 29.2





#23
Nitrobenzene-d5
Concen: 72.484 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

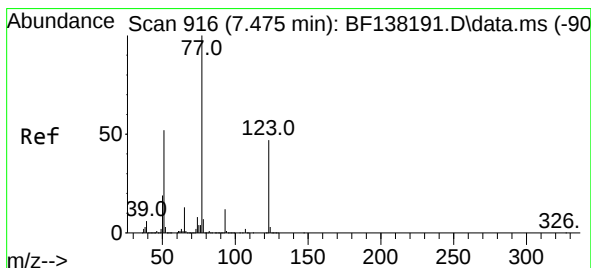
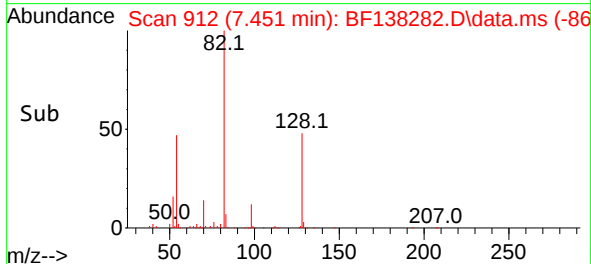
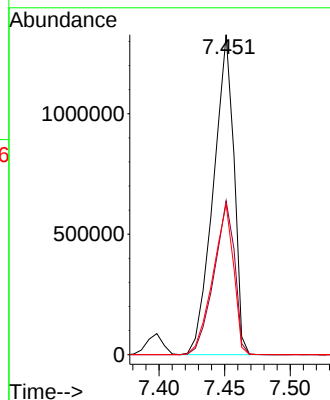
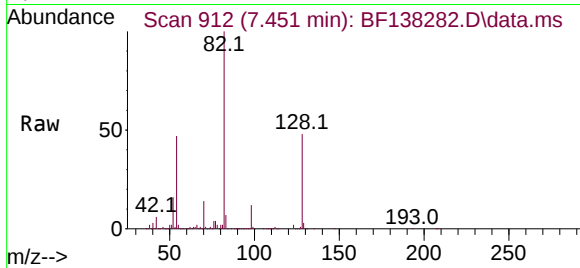
ClientSampleId :

MH-K-COMPMS

Tgt Ion: 82 Resp: 1447770
Ion Ratio Lower Upper
82 100
128 48.1 37.2 55.8
54 47.1 39.8 59.6

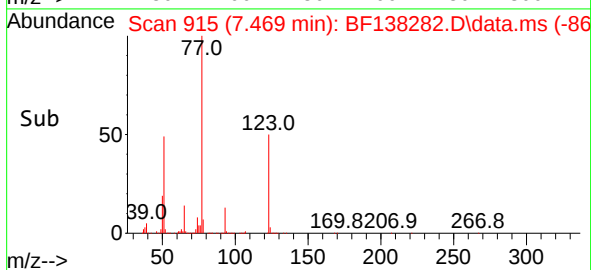
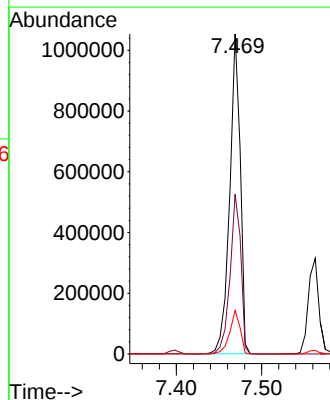
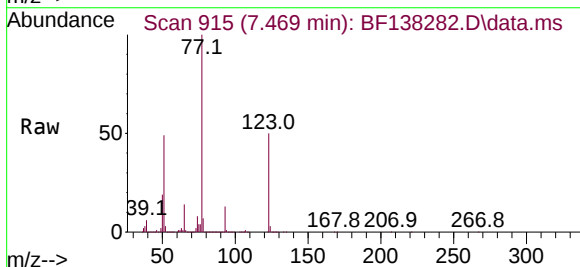
Manual Integrations
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Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#24
Nitrobenzene
Concen: 43.916 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

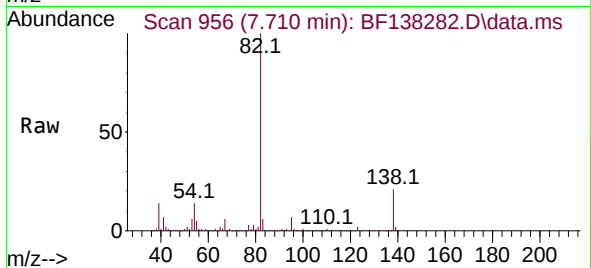
Tgt Ion: 77 Resp: 906582
Ion Ratio Lower Upper
77 100
123 49.9 37.3 55.9
65 13.6 10.6 15.8





#25
Isophorone
Concen: 46.637 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

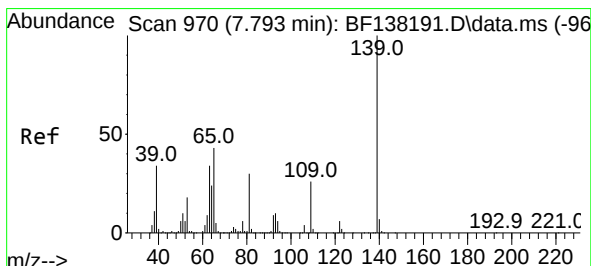
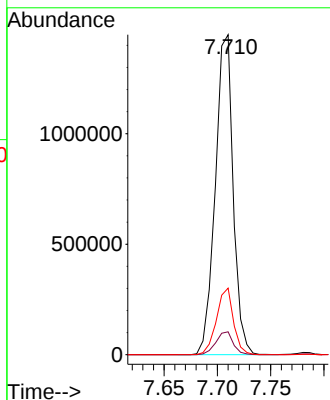
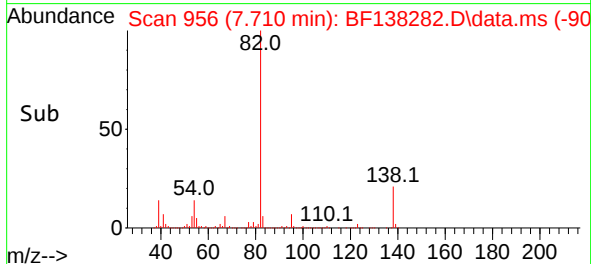
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



Tgt Ion: 82 Resp: 168490
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 20.8 16.4 24.6

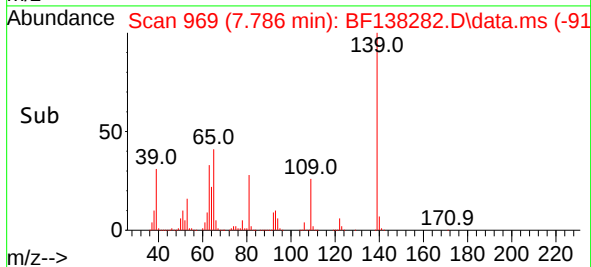
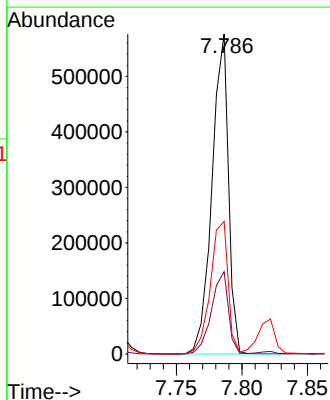
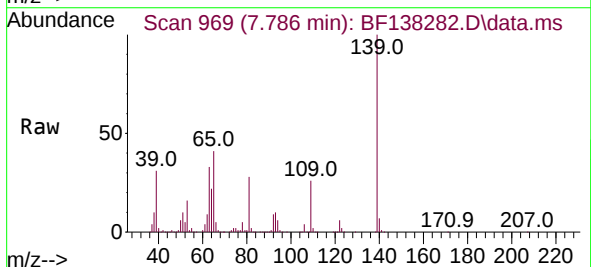
Manual Integrations
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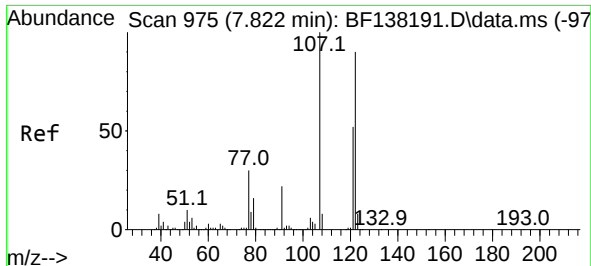
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#26
2-Nitrophenol
Concen: 60.617 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.007 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

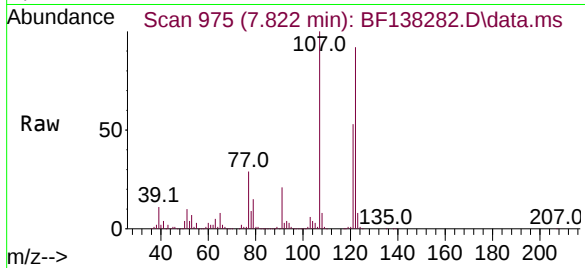
Tgt Ion:139 Resp: 503180
Ion Ratio Lower Upper
139 100
109 25.7 20.7 31.1
65 41.4 34.5 51.7





#27
2,4-Dimethylphenol
Concen: 49.198 ng
RT: 7.822 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

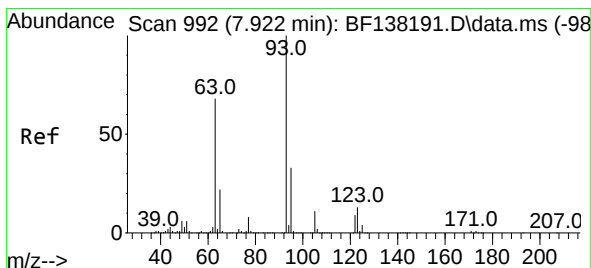
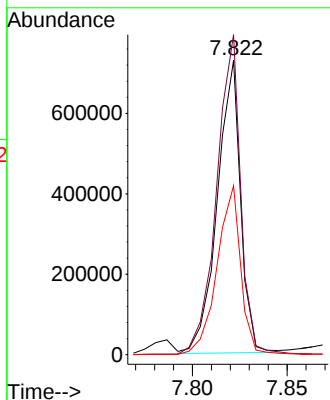
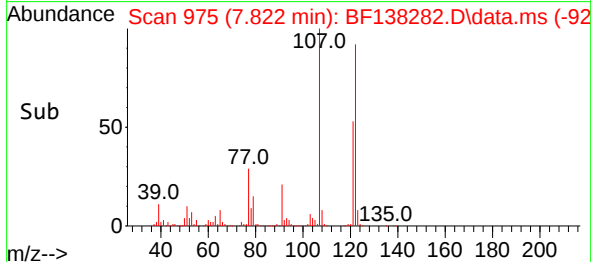
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



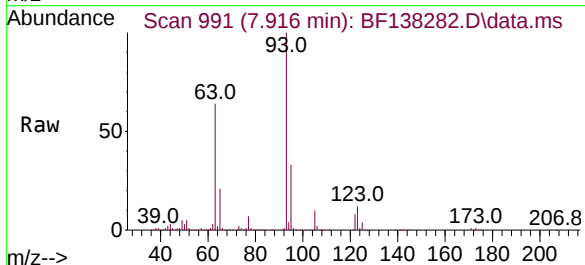
Tgt Ion:122 Resp: 62131
Ion Ratio Lower Upper
122 100
107 108.7 87.7 131.5
121 57.4 45.8 68.8

Manual Integrations
APPROVED

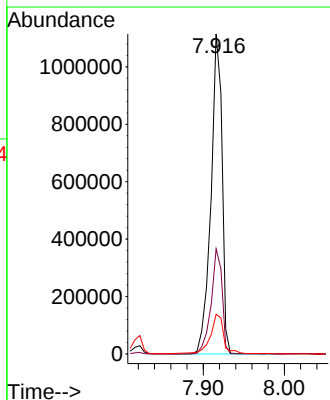
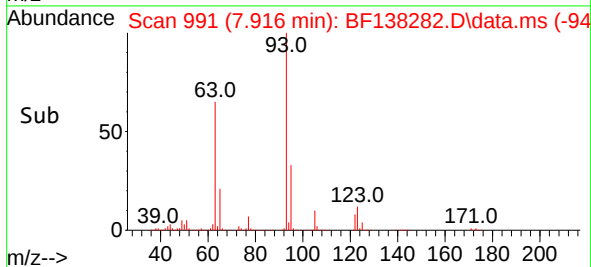
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

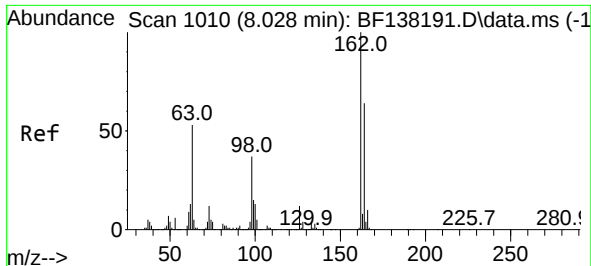


#28
bis(2-Chloroethoxy)methane
Concen: 46.700 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



Tgt Ion: 93 Resp: 1056160
Ion Ratio Lower Upper
93 100
95 32.9 26.6 39.8
123 12.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.563 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138282.D

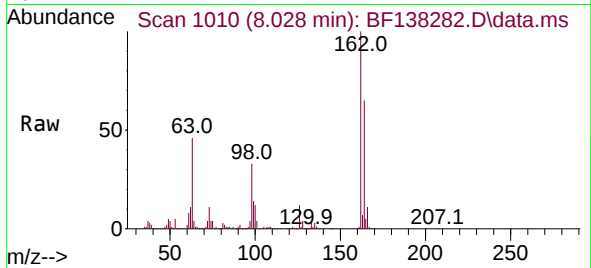
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS



Tgt Ion:162 Resp: 75708

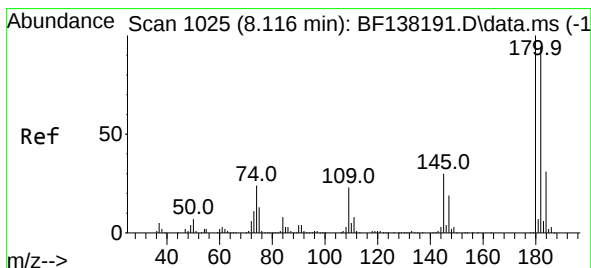
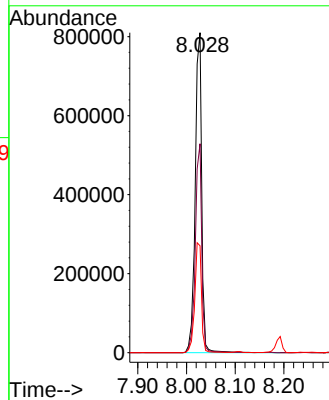
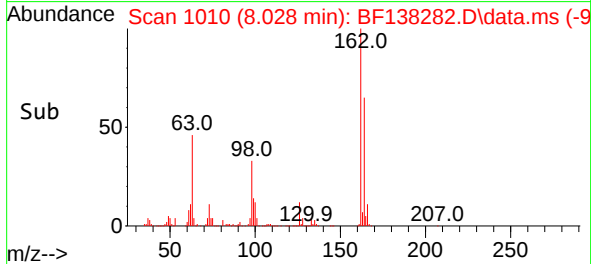
Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.3	84.3
98	33.4	16.5	56.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#30

1,2,4-Trichlorobenzene

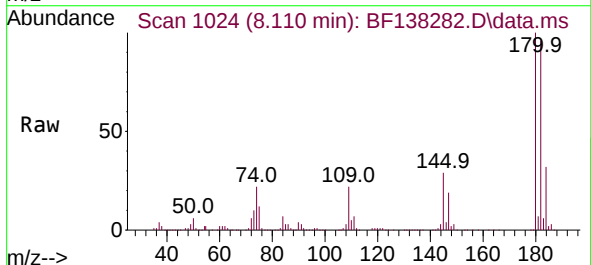
Concen: 43.763 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

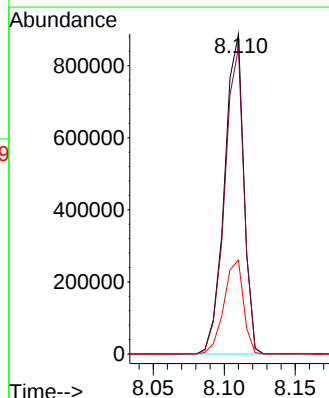
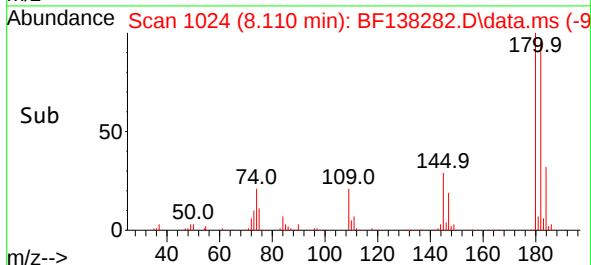
Lab File: BF138282.D

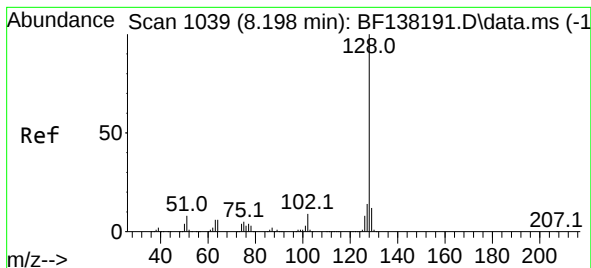
Acq: 21 Jun 2024 13:25



Tgt Ion:180 Resp: 839156

Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.0	112.6
145	29.3	23.8	35.6





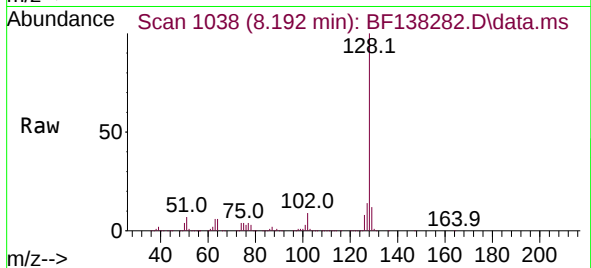
#31
Naphthalene
Concen: 42.973 ng
RT: 8.192 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS



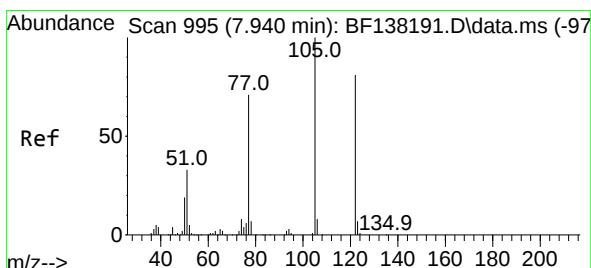
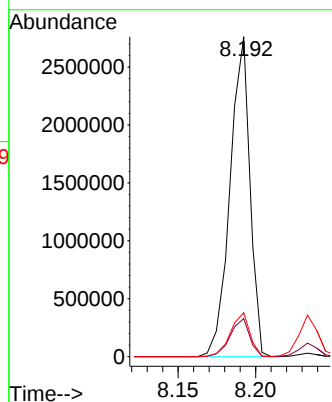
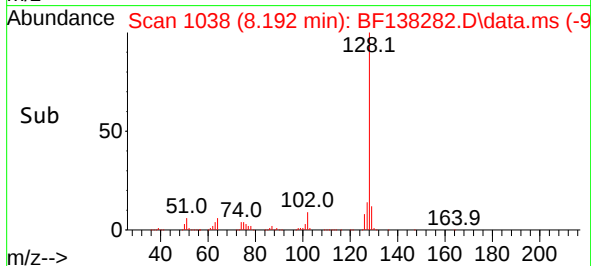
Tgt Ion:128 Resp: 247083
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.8 11.0 16.6

Manual Integrations

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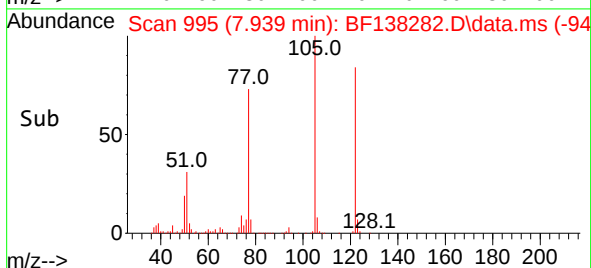
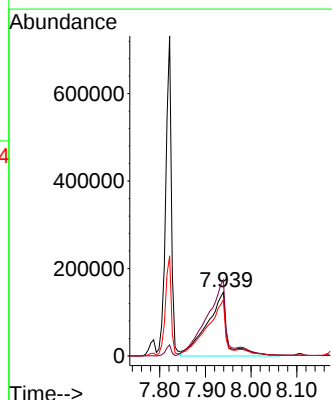
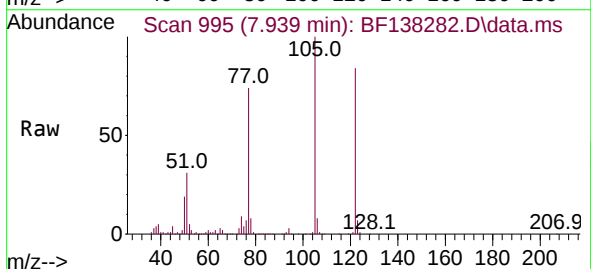
Reviewed By :Yogesh Patel 06/24/2024

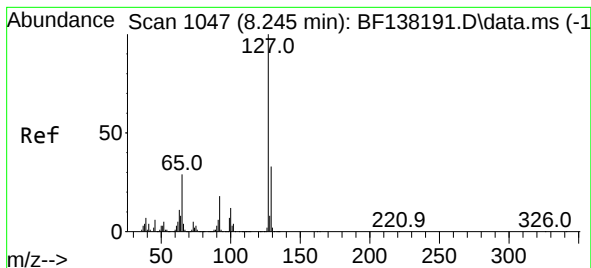
Supervised By :mohammad ahmed 06/24/2024



#32
Benzoic acid
Concen: 41.335 ng m
RT: 7.939 min Scan# 995
Delta R.T. -0.001 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:122 Resp: 460083
Ion Ratio Lower Upper
122 100
105 119.3 100.1 140.1
77 88.2 66.5 106.5





#33
4-Chloroaniline
Concen: 15.542 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

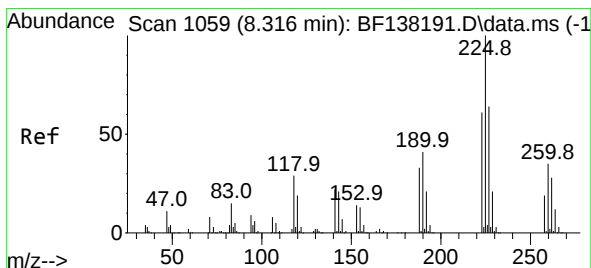
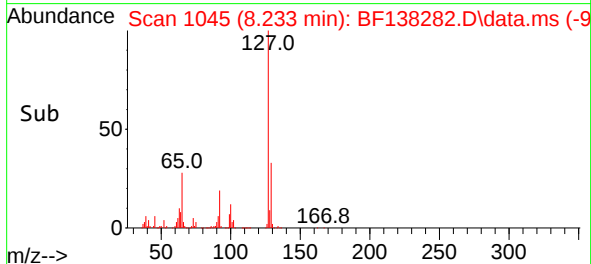
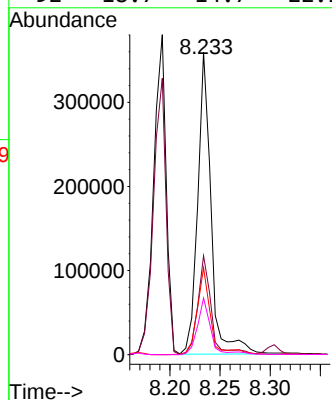
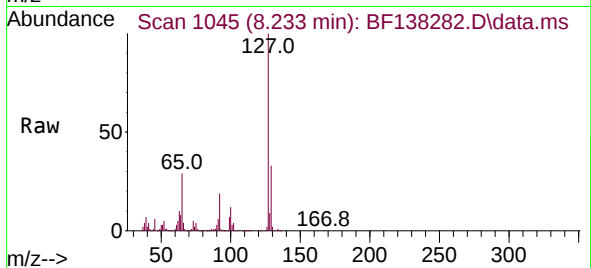
MH-K-COMPMS

Tgt Ion:127 Resp: 333990
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 28.7 23.6 35.4
92 18.7 14.7 22.1

Manual Integrations

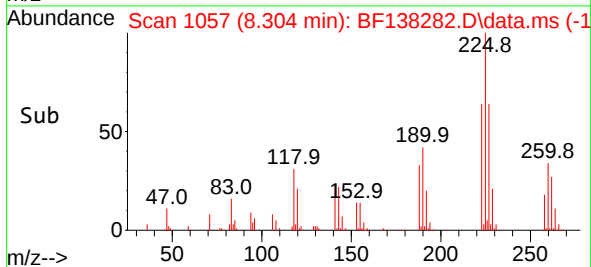
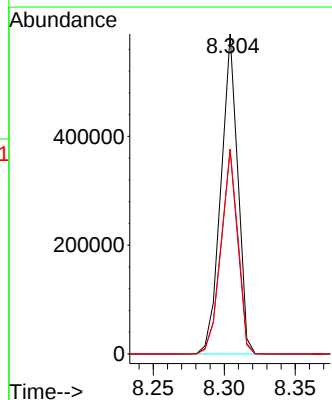
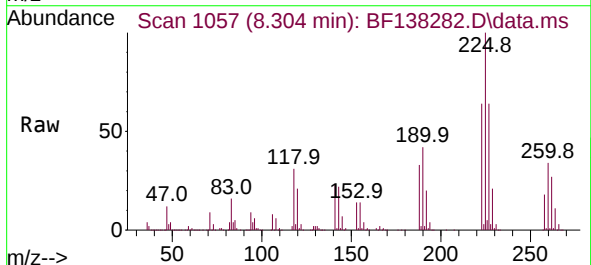
APPROVED

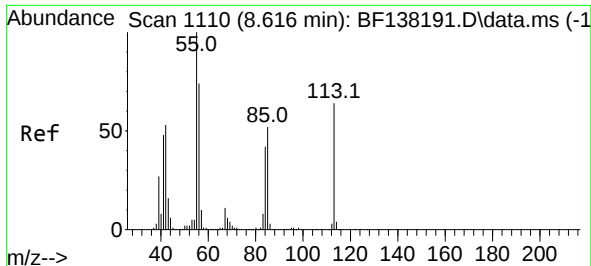
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#34
Hexachlorobutadiene
Concen: 43.189 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

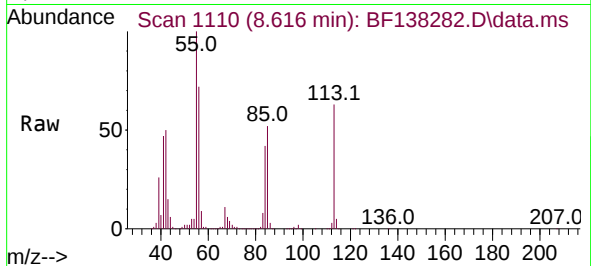
Tgt Ion:225 Resp: 484340
Ion Ratio Lower Upper
225 100
223 63.8 49.0 73.6
227 64.1 51.2 76.8





#35
Caprolactam
Concen: 43.705 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

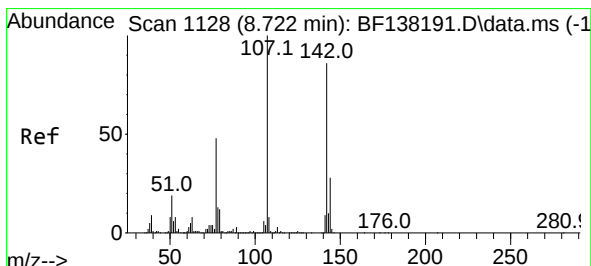
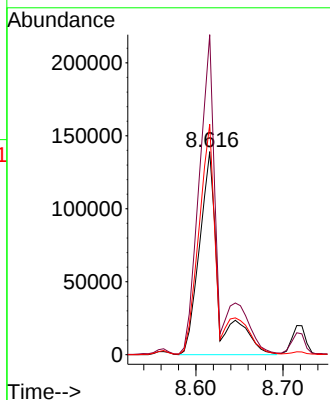
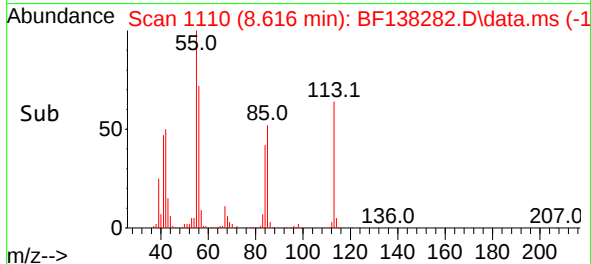
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



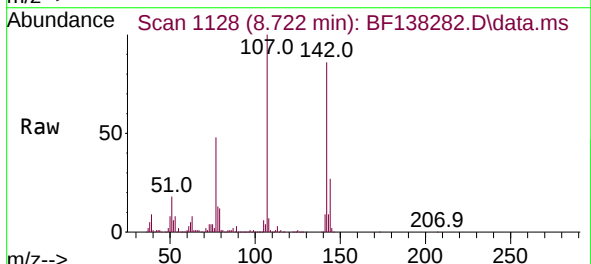
Tgt Ion:113 Resp: 21453
Ion Ratio Lower Upper
113 100
55 157.6 135.4 175.4
56 113.4 95.5 135.5

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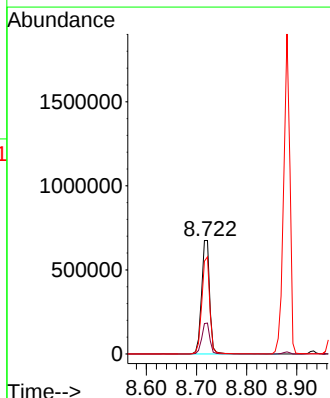
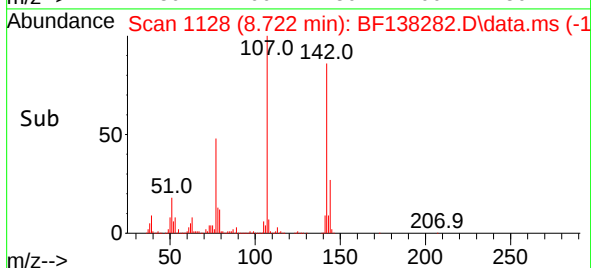
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

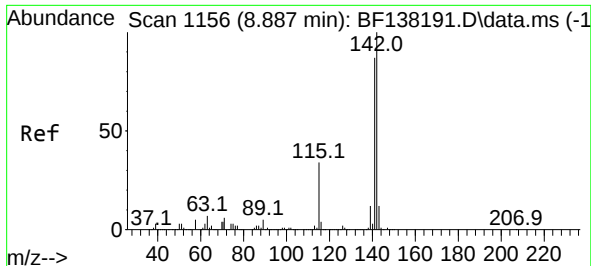


#36
4-Chloro-3-methylphenol
Concen: 46.700 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



Tgt Ion:107 Resp: 756022
Ion Ratio Lower Upper
107 100
144 27.2 22.6 34.0
142 85.7 69.0 103.4





#37

2-Methylnaphthalene

Concen: 43.421 ng

RT: 8.880 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS

Tgt Ion:142 Resp: 1638510

Ion Ratio Lower Upper

142 100

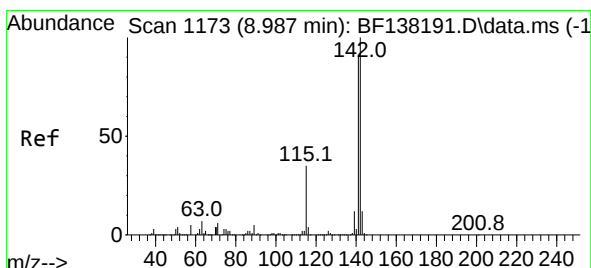
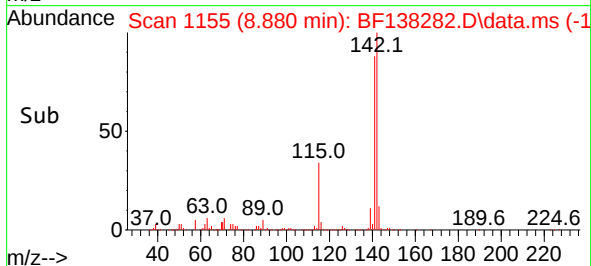
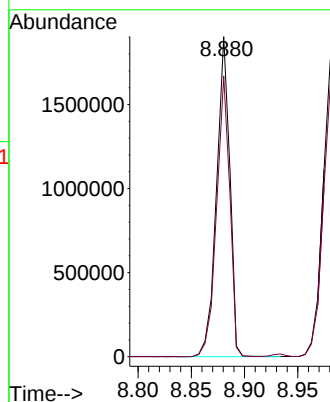
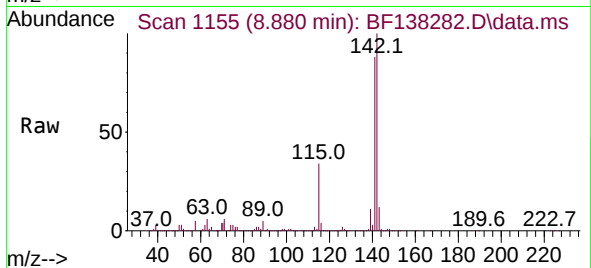
141 87.8 69.9 104.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#38

1-Methylnaphthalene

Concen: 40.901 ng

RT: 8.980 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138282.D

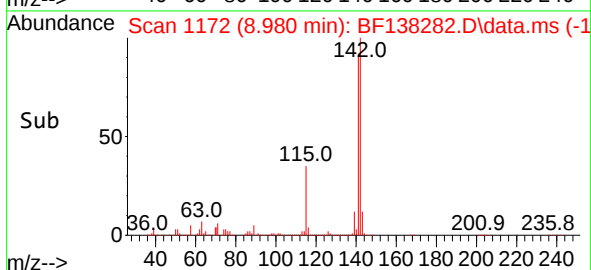
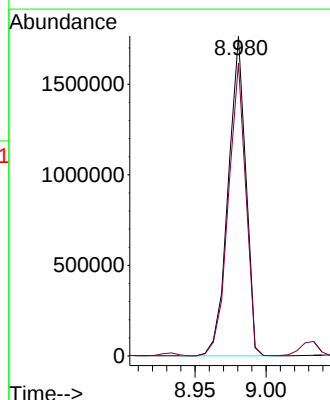
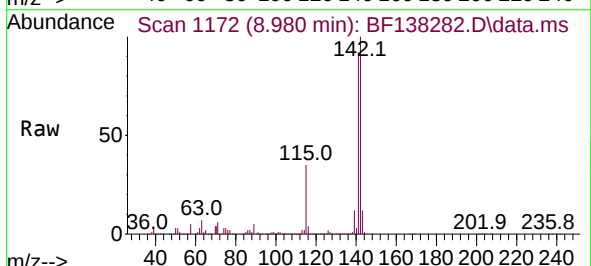
Acq: 21 Jun 2024 13:25

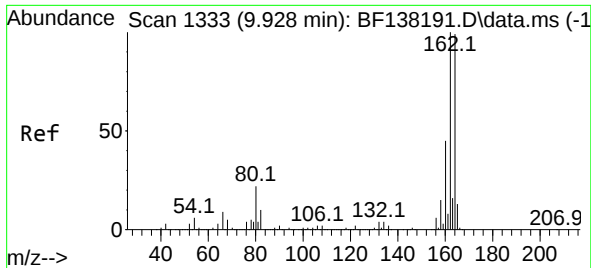
Tgt Ion:142 Resp: 1512454

Ion Ratio Lower Upper

142 100

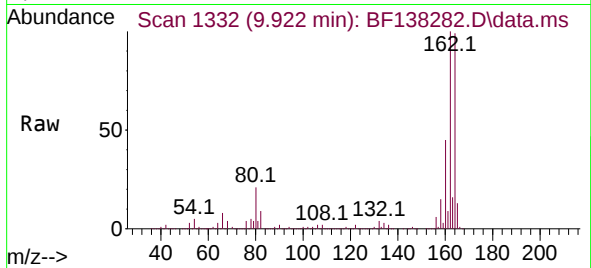
141 91.6 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

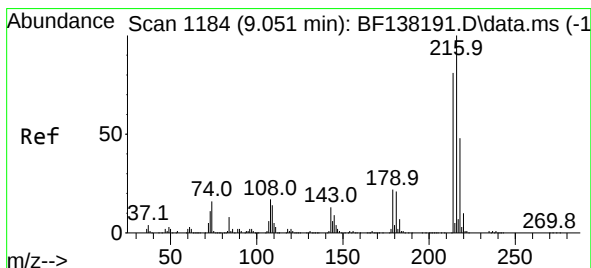
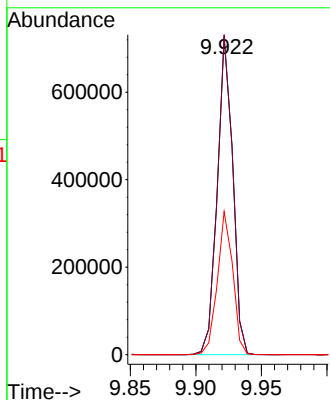
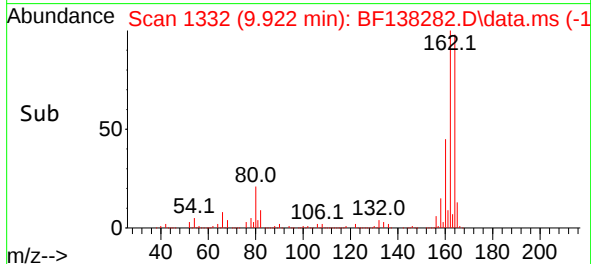
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



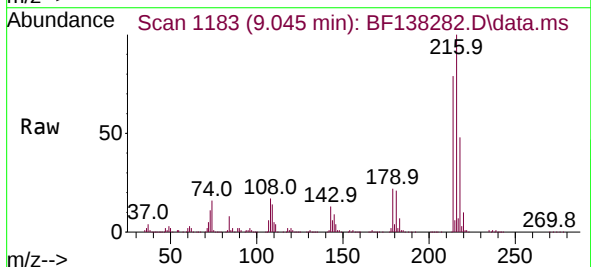
Tgt Ion:164 Resp: 59640
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.1 36.3 54.5

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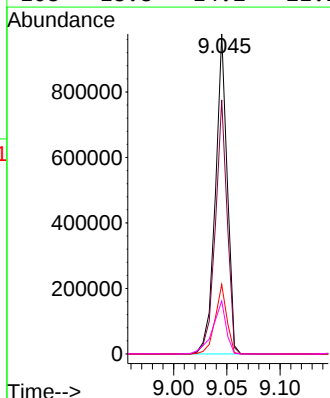
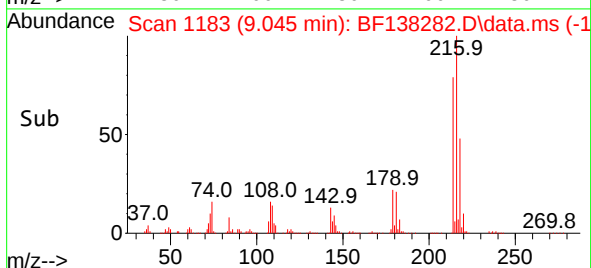
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.380 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



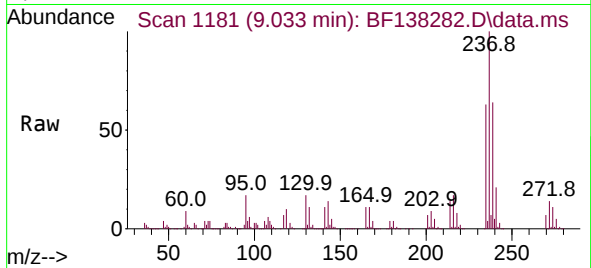
Tgt Ion:216 Resp: 756026
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 21.3 16.9 25.3
108 18.8 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 110.380 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

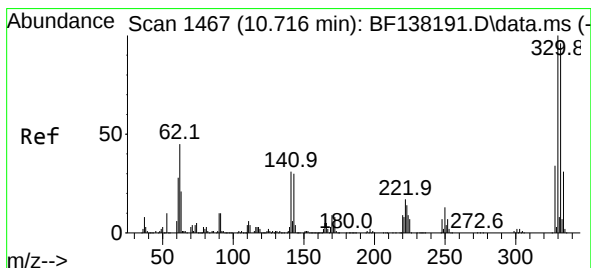
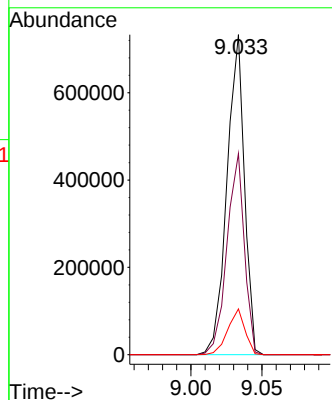
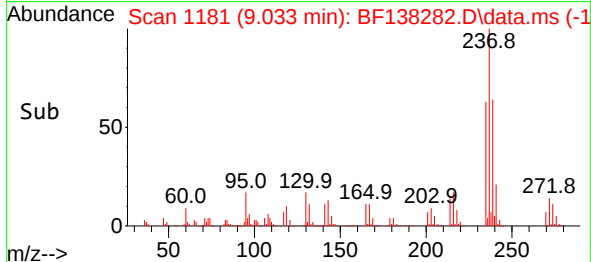
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



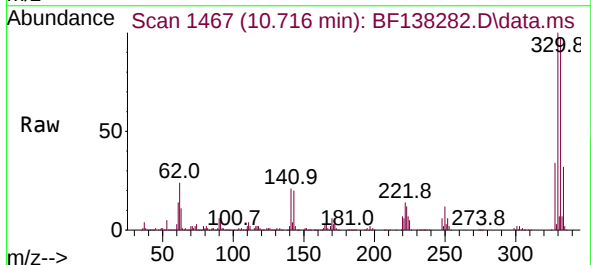
Tgt Ion:237 Resp: 627260
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 14.3 0.0 34.0

Manual Integrations
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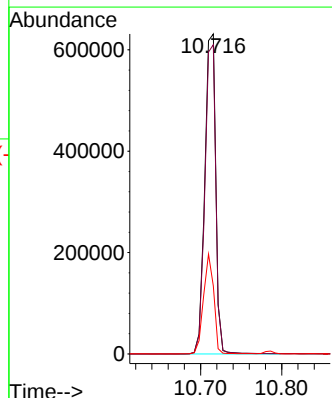
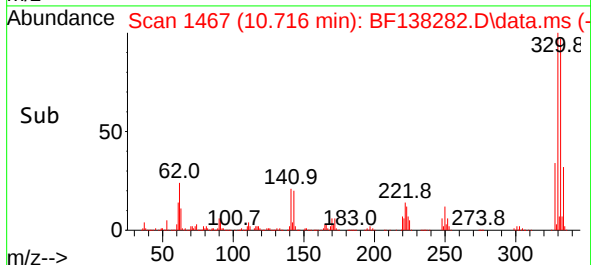
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

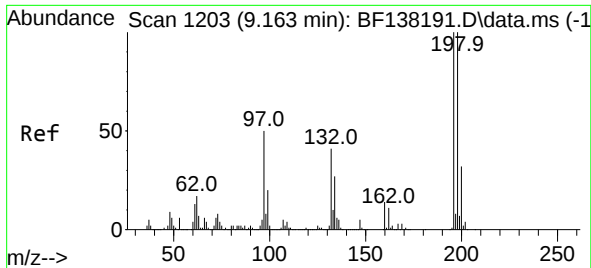


#42
2,4,6-Tribromophenol
Concen: 99.610 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



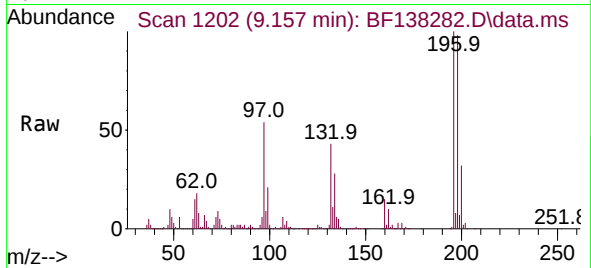
Tgt Ion:330 Resp: 591419
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 29.5 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 49.437 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

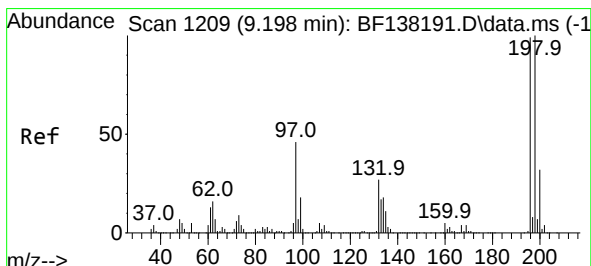
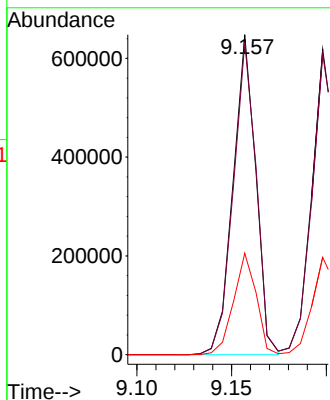
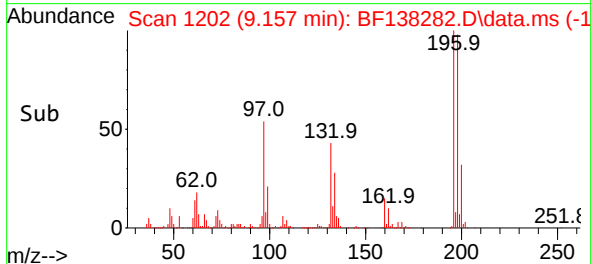
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



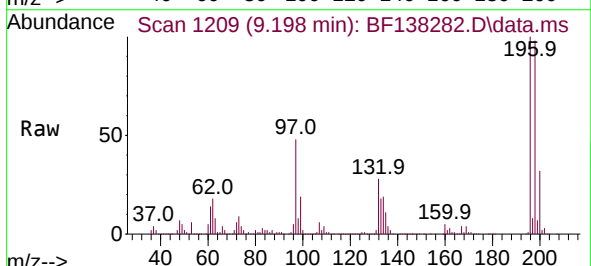
Tgt Ion:196 Resp: 53948
Ion Ratio Lower Upper
196 100
198 97.6 79.8 119.6
200 31.7 25.9 38.9

Manual Integrations
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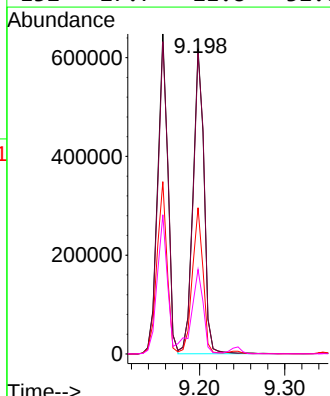
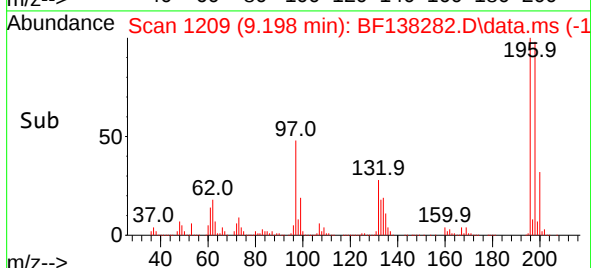
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

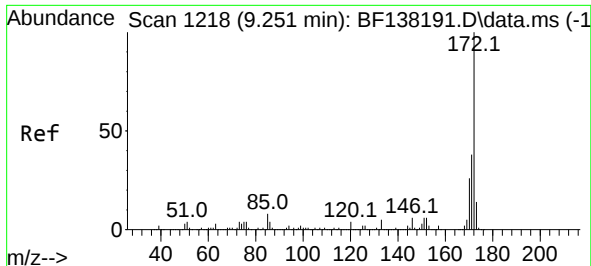


#44
2,4,5-Trichlorophenol
Concen: 46.270 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



Tgt Ion:196 Resp: 554499
Ion Ratio Lower Upper
196 100
198 98.4 80.4 120.6
97 47.9 37.4 56.2
132 27.7 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 69.387 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

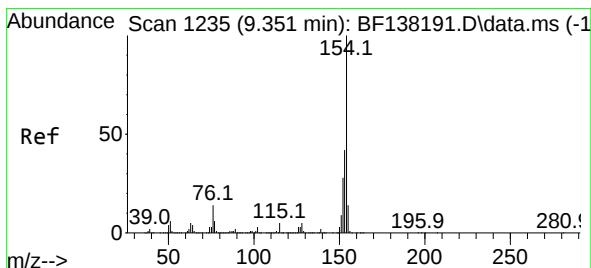
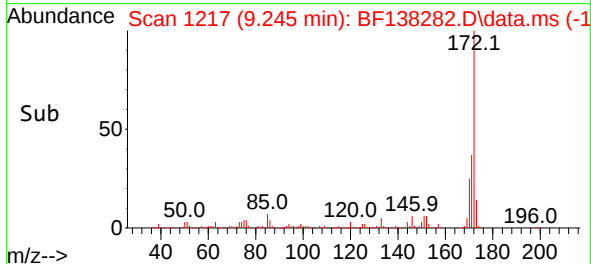
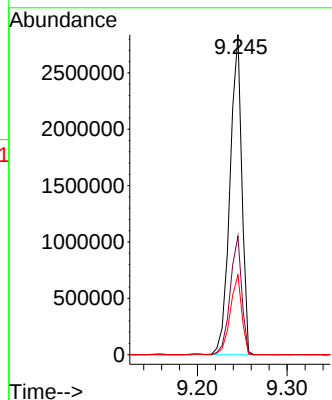
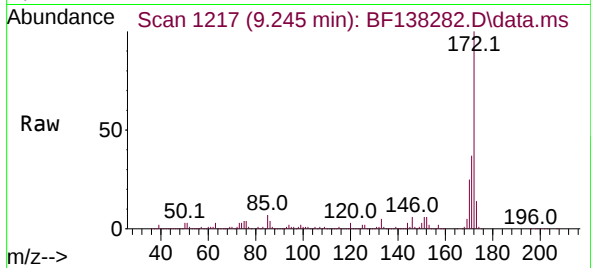
MH-K-COMPMS

Tgt Ion:172 Resp: 260244
Ion Ratio Lower Upper
172 100
171 37.0 30.3 45.5
170 24.9 20.6 30.8

Manual Integrations

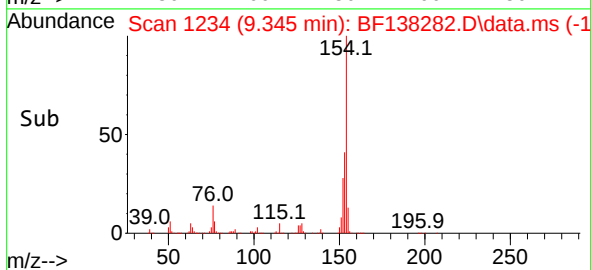
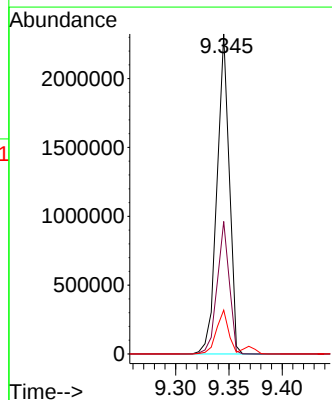
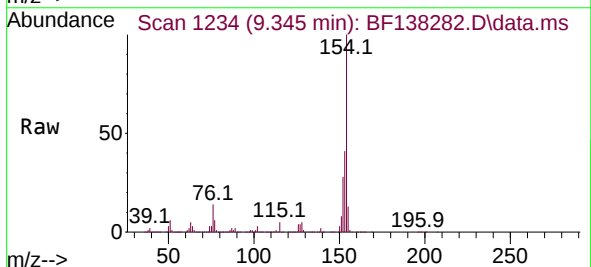
APPROVED

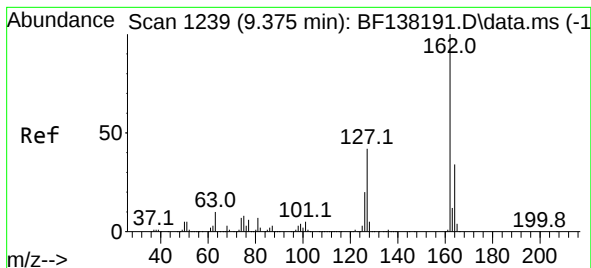
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#46
1,1'-Biphenyl
Concen: 42.406 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:154 Resp: 1855837
Ion Ratio Lower Upper
154 100
153 41.4 22.1 62.1
76 13.7 0.0 34.3





#47

2-Chloronaphthalene

Concen: 45.028 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS

Tgt Ion:162 Resp: 155736

Ion Ratio Lower Upper

162 100

127 40.9 33.6 50.4

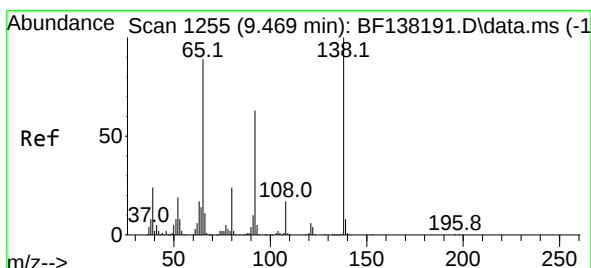
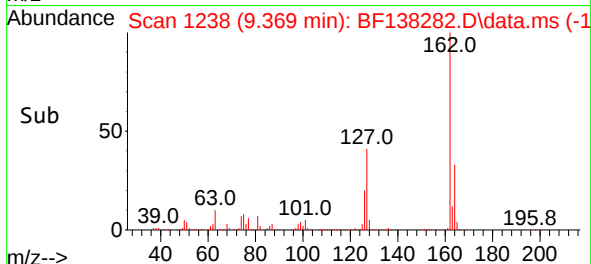
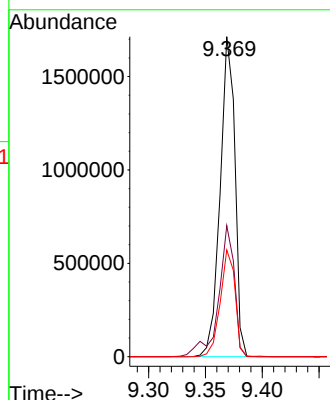
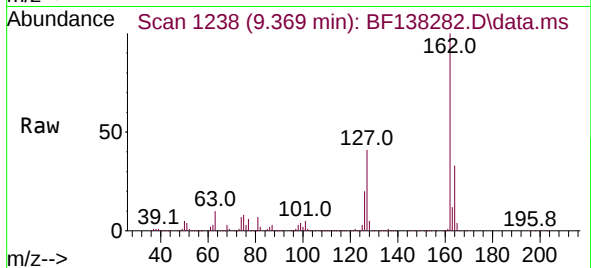
164 33.4 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#48

2-Nitroaniline

Concen: 52.289 ng

RT: 9.469 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

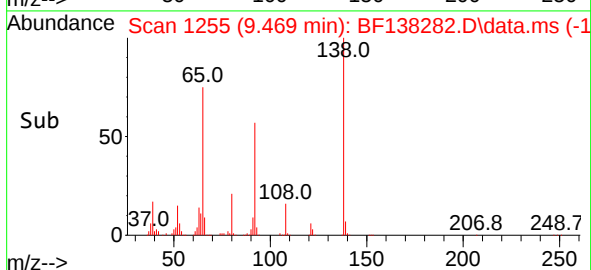
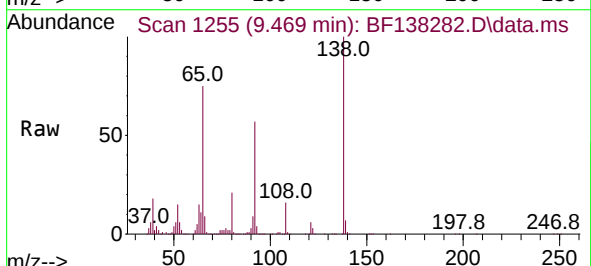
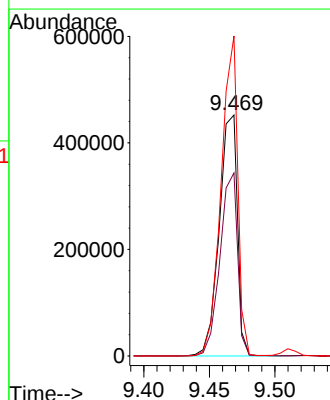
Tgt Ion: 65 Resp: 435531

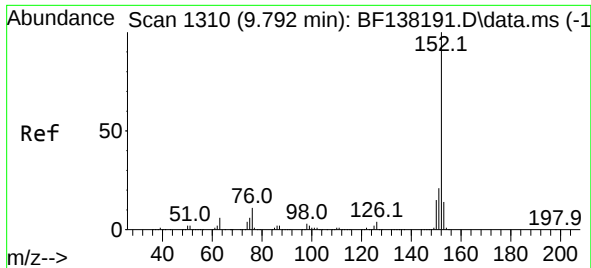
Ion Ratio Lower Upper

65 100

92 75.9 56.6 85.0

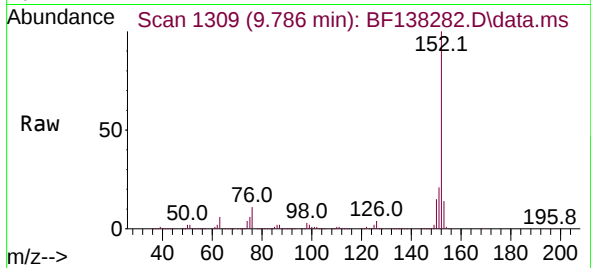
138 132.8 90.1 135.1





#49
Acenaphthylene
Concen: 47.789 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

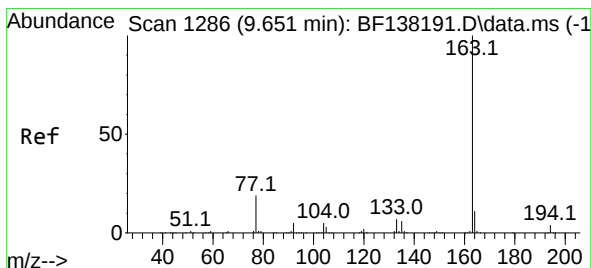
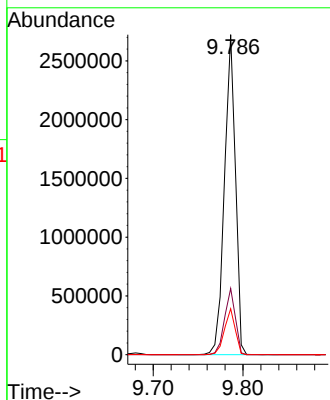
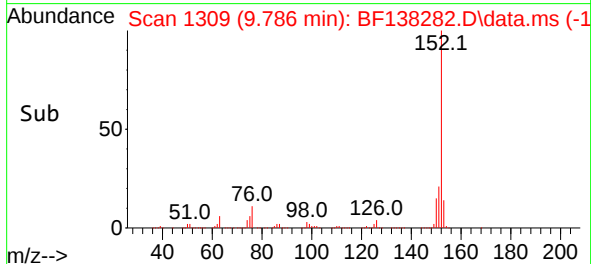
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



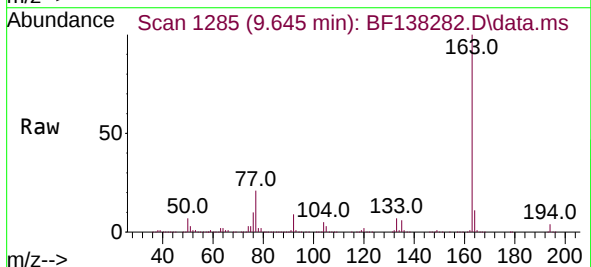
Tgt Ion:152 Resp: 231771
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.3 11.4 17.0

Manual Integrations
APPROVED

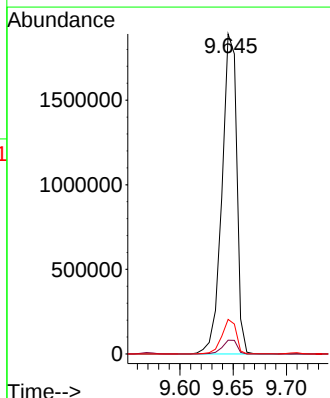
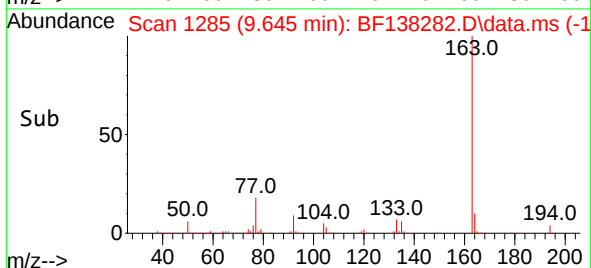
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

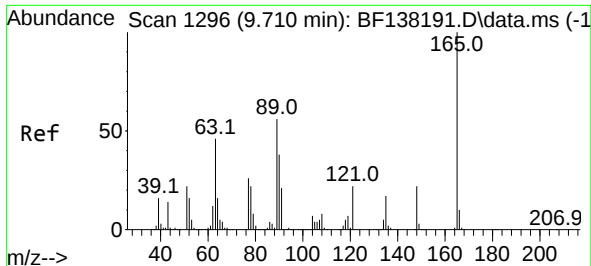


#50
Dimethylphthalate
Concen: 49.921 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



Tgt Ion:163 Resp: 1824229
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.8 8.5 12.7





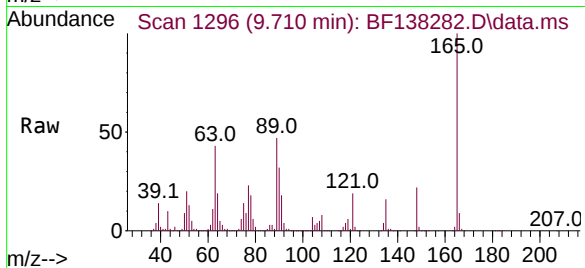
#51
2,6-Dinitrotoluene
Concen: 52.196 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS

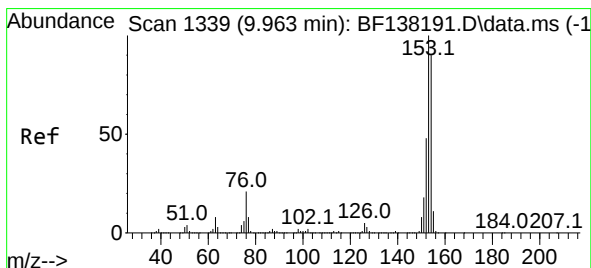
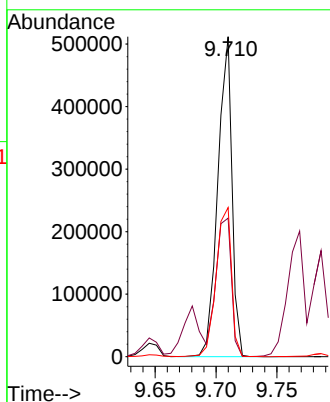
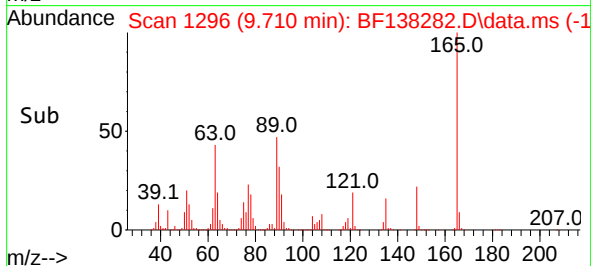


Tgt Ion:165 Resp: 413788
Ion Ratio Lower Upper
165 100
63 43.3 43.7 65.5
89 46.6 44.9 67.3

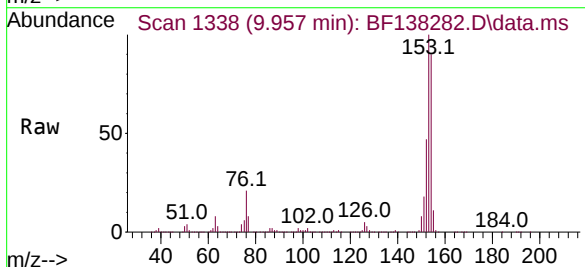
Manual Integrations

APPROVED

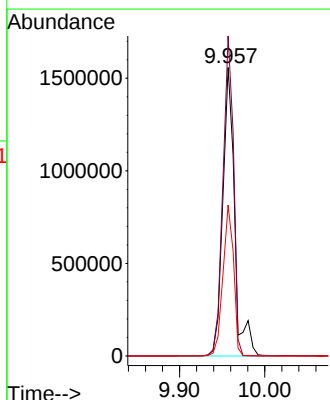
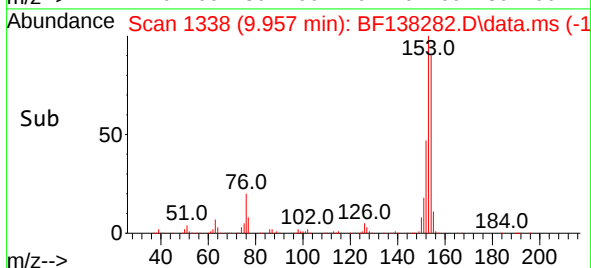
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

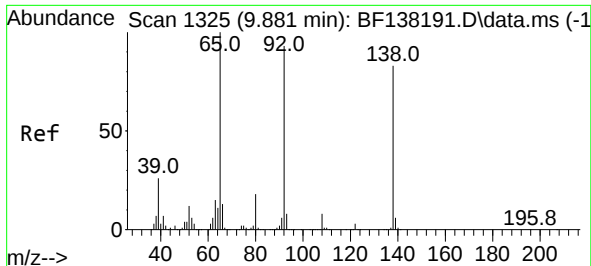


#52
Acenaphthene
Concen: 45.387 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



Tgt Ion:154 Resp: 1500998
Ion Ratio Lower Upper
154 100
153 110.9 89.1 133.7
152 52.3 42.4 63.6





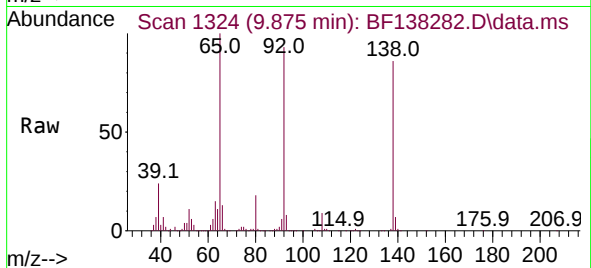
#53
3-Nitroaniline
Concen: 32.256 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS



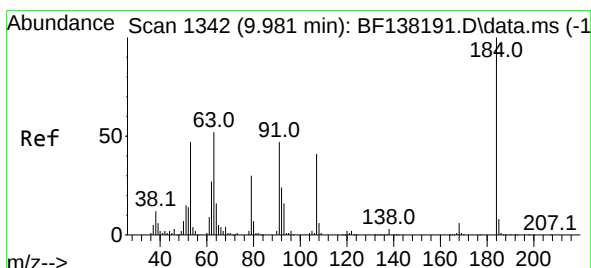
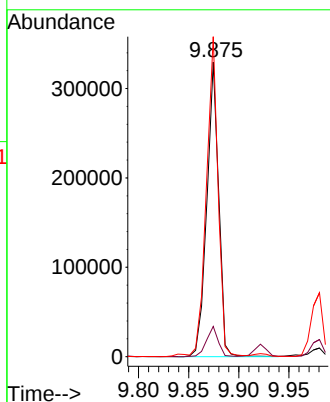
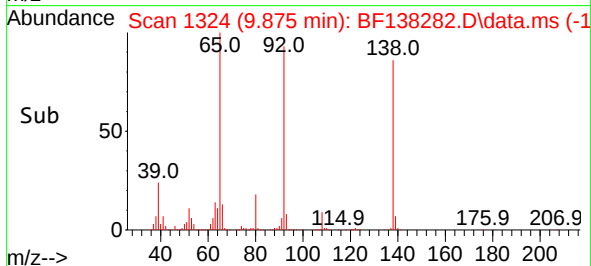
Tgt Ion:138 Resp: 273174
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 108.6 90.0 135.0

Manual Integrations

APPROVED

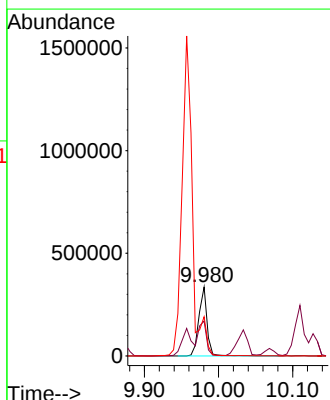
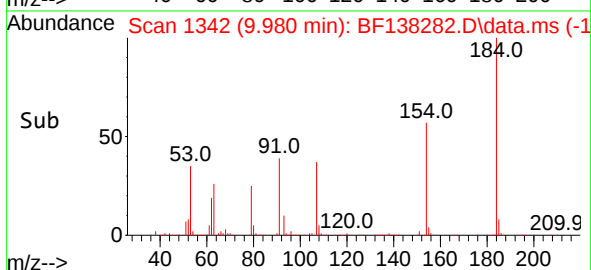
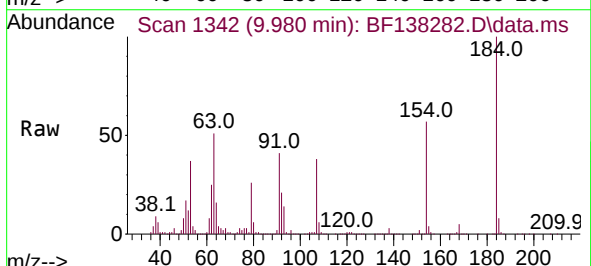
Reviewed By :Yogesh Patel 06/24/2024

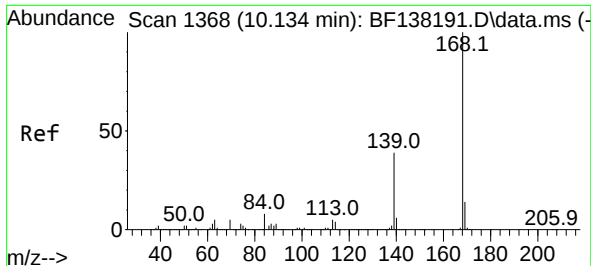
Supervised By :mohammad ahmed 06/24/2024



#54
2,4-Dinitrophenol
Concen: 68.150 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

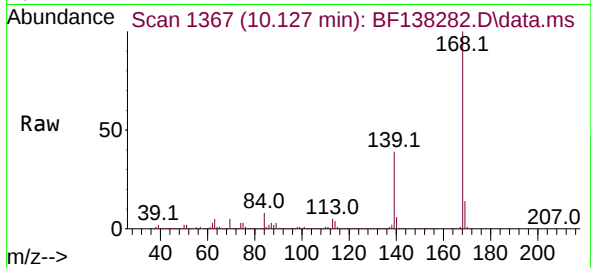
Tgt Ion:184 Resp: 258363
Ion Ratio Lower Upper
184 100
63 50.6 49.2 73.8
154 56.8 46.7 70.1





#55
Dibenzenofuran
Concen: 44.145 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

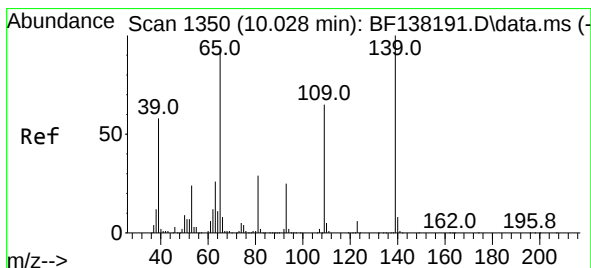
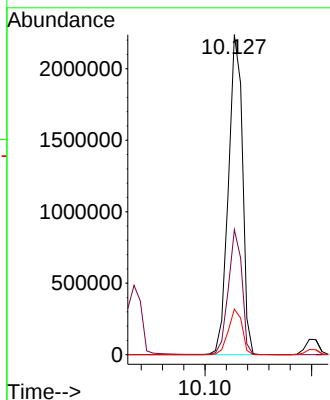
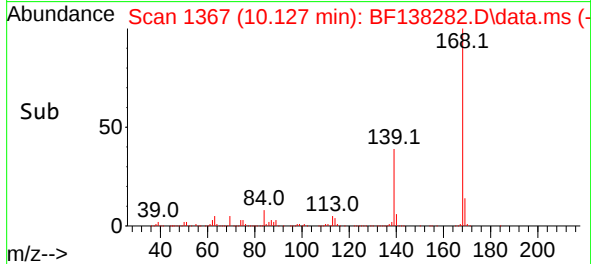
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



Tgt Ion:168 Resp: 2040870
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.4
169 14.2 11.4 17.0

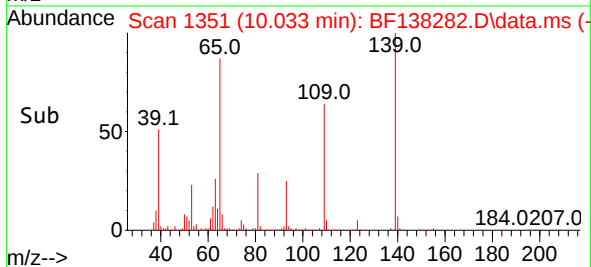
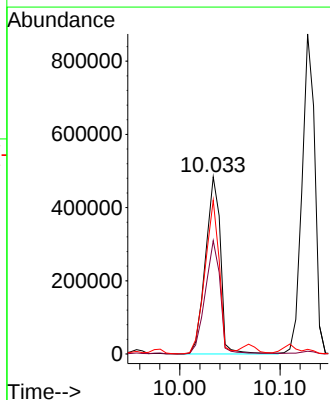
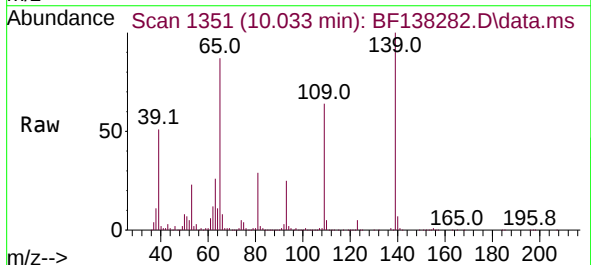
Manual Integrations
APPROVED

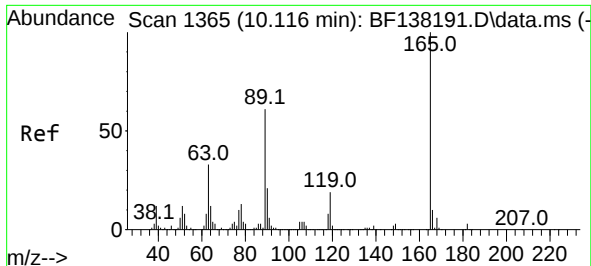
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#56
4-Nitrophenol
Concen: 75.720 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:139 Resp: 506760
Ion Ratio Lower Upper
139 100
109 63.9 44.6 84.6
65 86.8 73.1 113.1





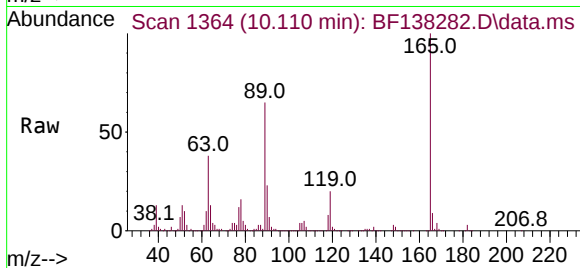
#57
2,4-Dinitrotoluene
Concen: 53.650 ng
RT: 10.110 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS



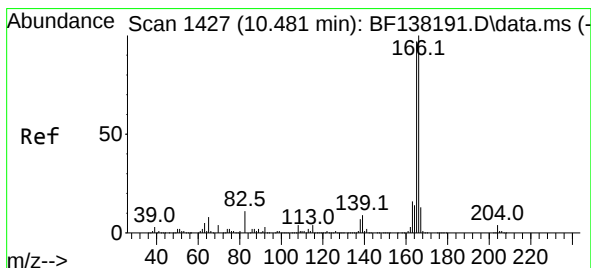
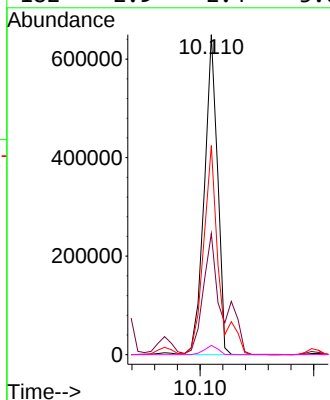
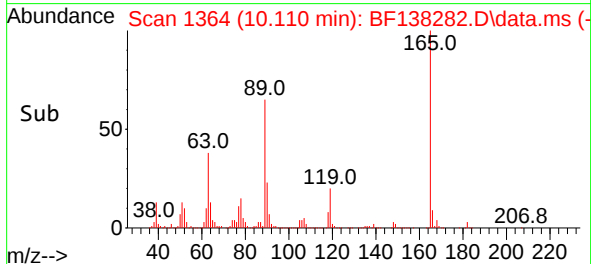
Tgt Ion:165 Resp: 524572
Ion Ratio Lower Upper
165 100
63 37.9 26.6 39.8
89 65.4 48.7 73.1
182 2.9 2.4 3.6

Manual Integrations

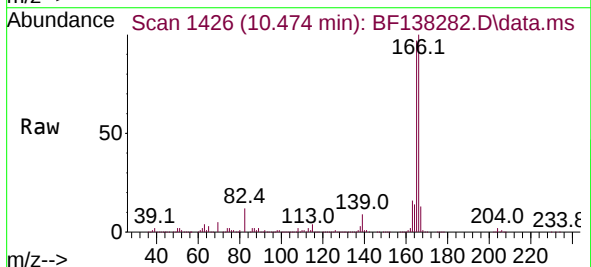
APPROVED

Reviewed By :Yogesh Patel 06/24/2024

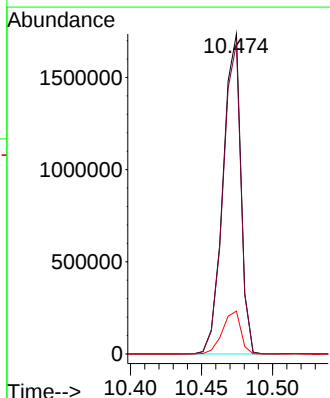
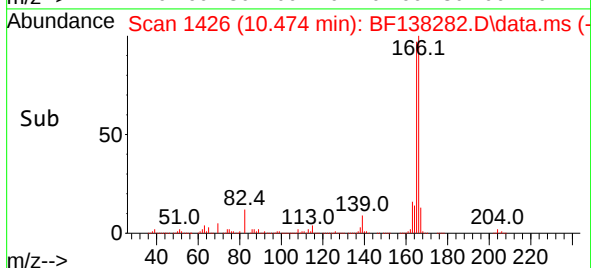
Supervised By :mohammad ahmed 06/24/2024

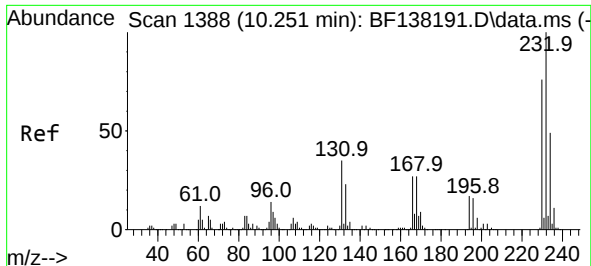


#58
Fluorene
Concen: 41.638 ng
RT: 10.474 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



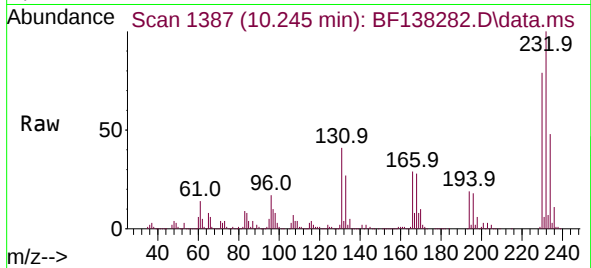
Tgt Ion:166 Resp: 1513524
Ion Ratio Lower Upper
166 100
165 97.1 77.9 116.9
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.847 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

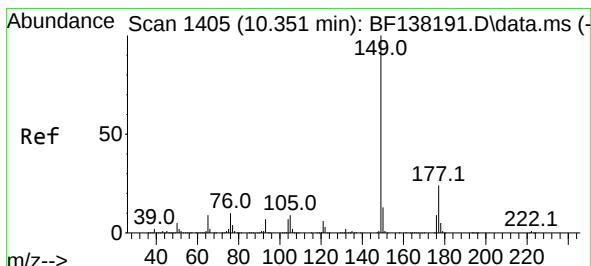
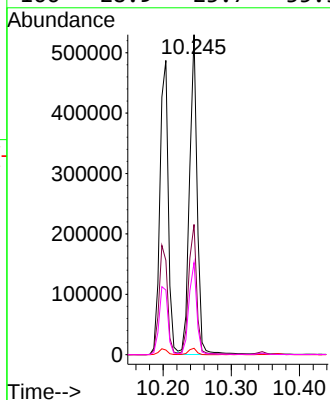
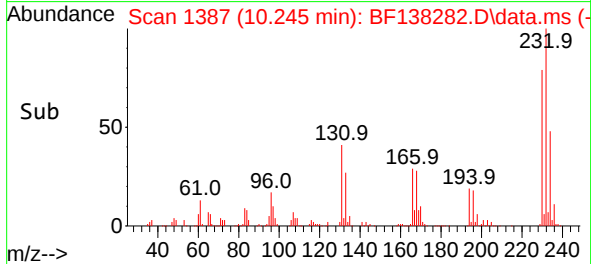
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



Tgt Ion:232 Resp: 410660
Ion Ratio Lower Upper
232 100
131 42.4 33.6 50.4
130 2.1 1.7 2.5
166 28.9 23.7 35.5

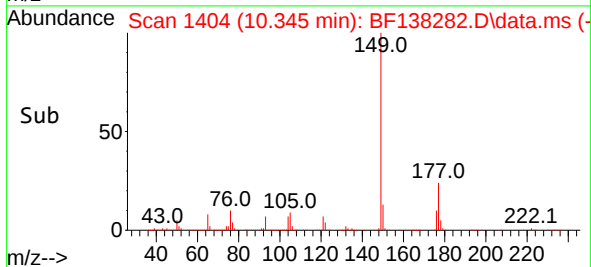
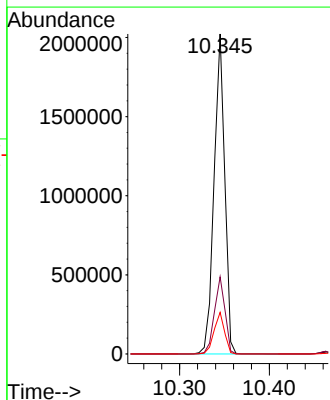
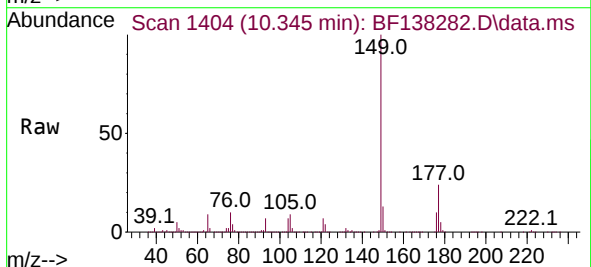
Manual Integrations
APPROVED

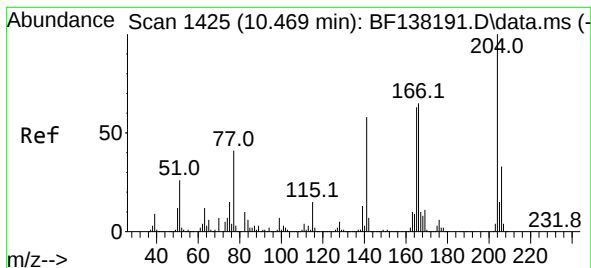
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#60
Diethylphthalate
Concen: 48.137 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

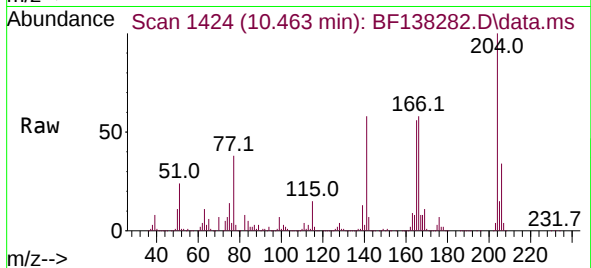
Tgt Ion:149 Resp: 1669491
Ion Ratio Lower Upper
149 100
177 24.1 19.4 29.0
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.932 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

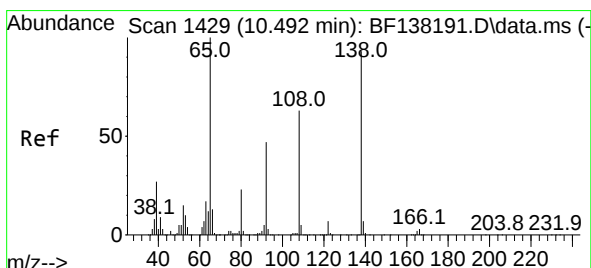
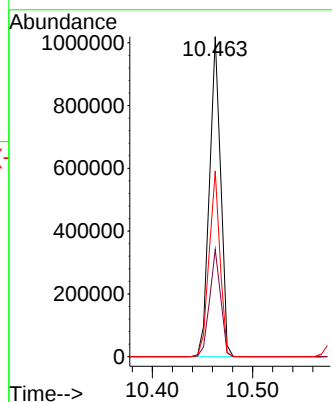
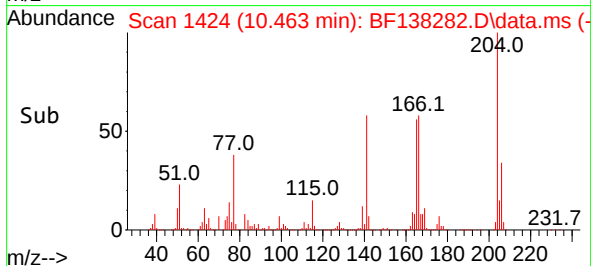
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



Tgt Ion:204 Resp: 79532
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 58.0 46.3 69.5

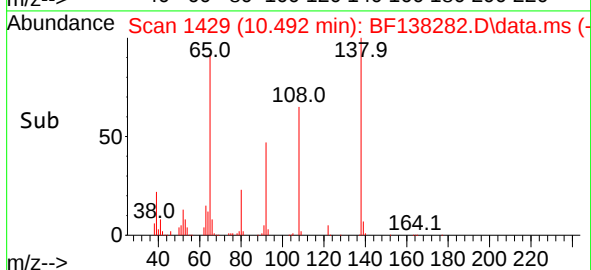
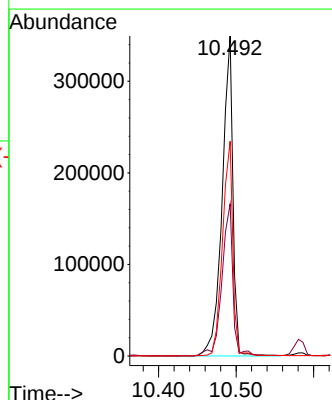
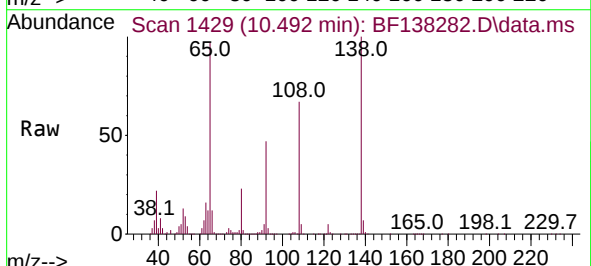
Manual Integrations
APPROVED

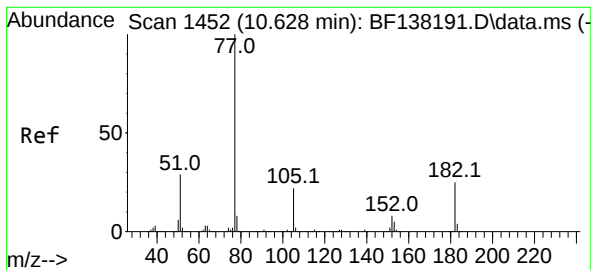
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#62
4-Nitroaniline
Concen: 39.873 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:138 Resp: 337384
Ion Ratio Lower Upper
138 100
92 47.5 30.9 70.9
108 67.1 47.8 87.8





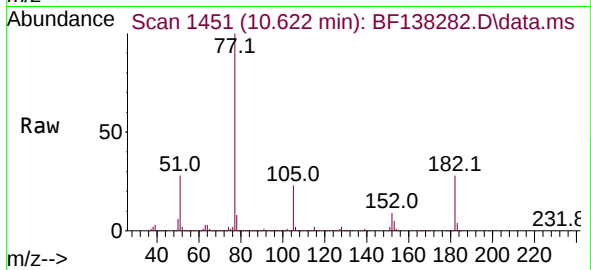
#63
Azobenzene
Concen: 44.307 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS



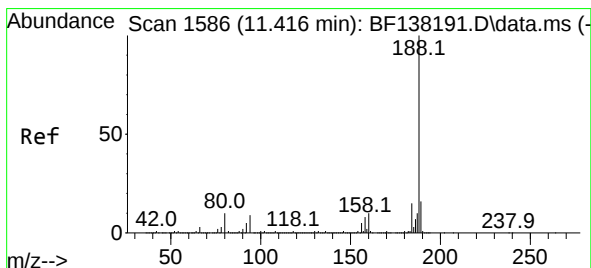
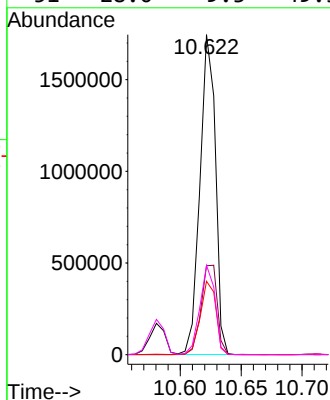
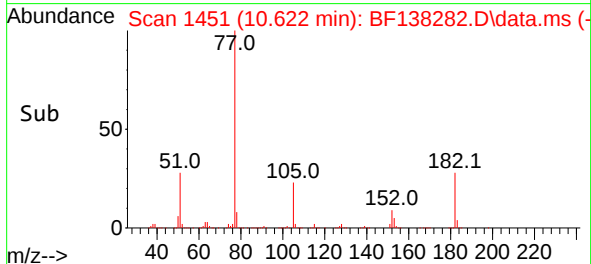
Tgt Ion: 77 Resp: 1539478
Ion Ratio Lower Upper
77 100
182 27.8 5.5 45.5
105 23.0 1.8 41.8
51 28.0 9.3 49.3

Manual Integrations

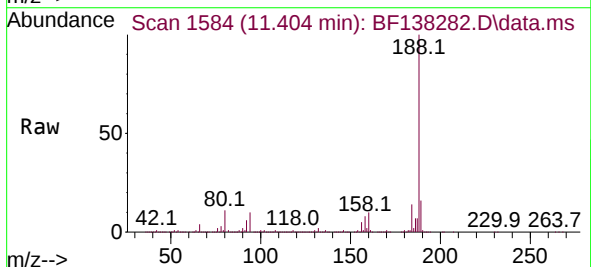
APPROVED

Reviewed By :Yogesh Patel 06/24/2024

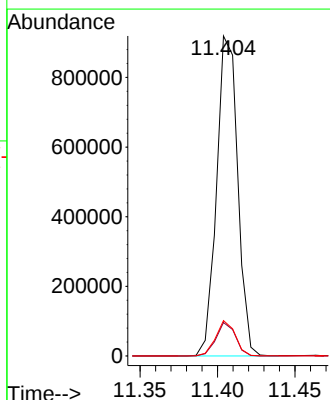
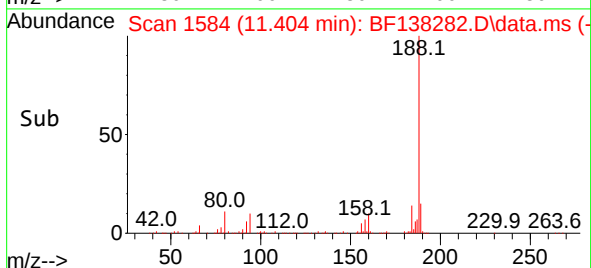
Supervised By :mohammad ahmed 06/24/2024

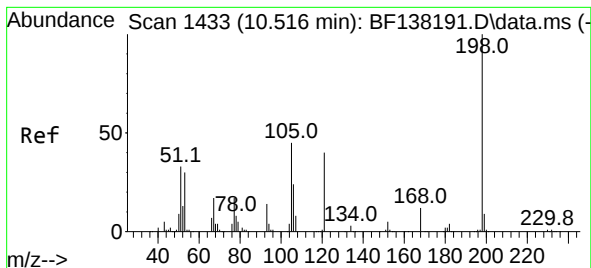


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



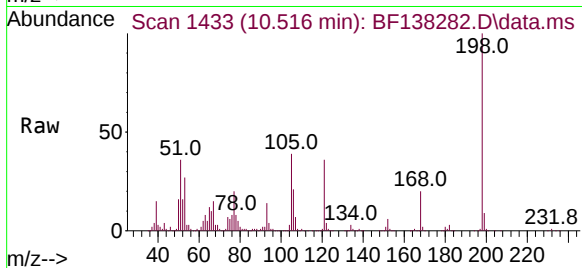
Tgt Ion:188 Resp: 870891
Ion Ratio Lower Upper
188 100
94 10.4 7.6 11.4
80 11.1 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 46.531 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

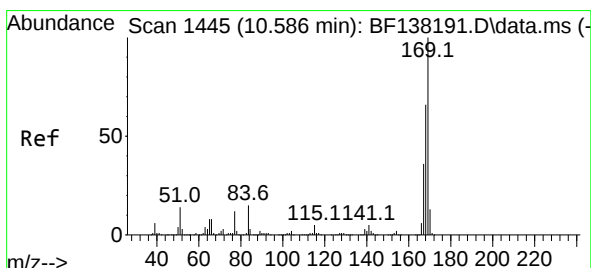
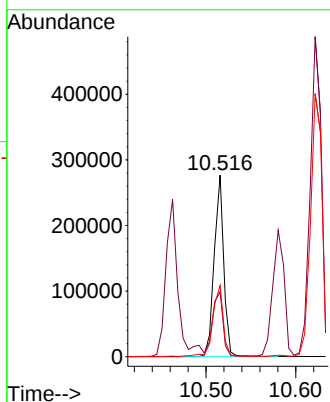
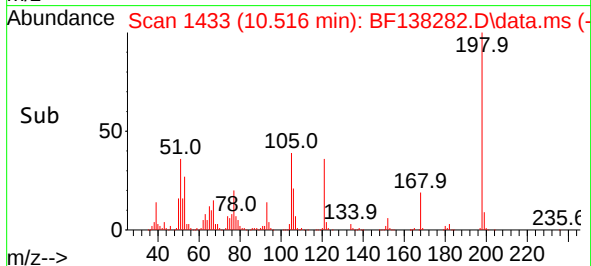
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



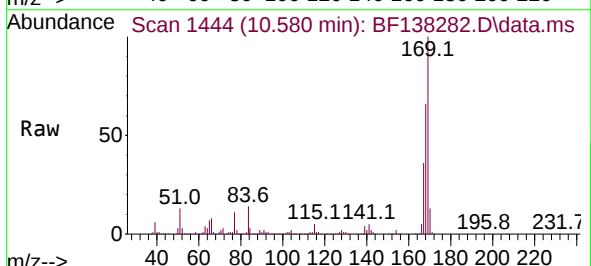
Tgt Ion:198 Resp: 205390
Ion Ratio Lower Upper
198 100
51 35.7 26.9 66.9
105 39.2 26.0 66.0

Manual Integrations
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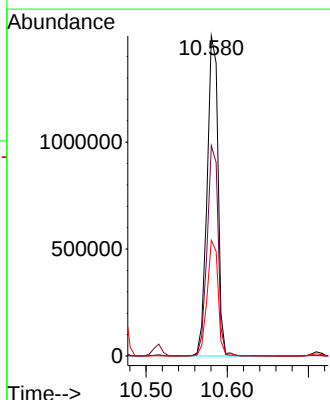
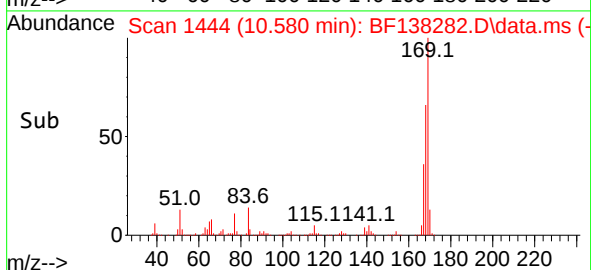
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

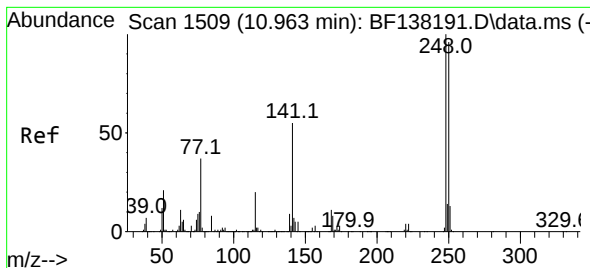


#66
n-Nitrosodiphenylamine
Concen: 51.954 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25



Tgt Ion:169 Resp: 1385215
Ion Ratio Lower Upper
169 100
168 65.7 52.9 79.3
167 36.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 51.472 ng
RT: 10.951 min Scan# 1510
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

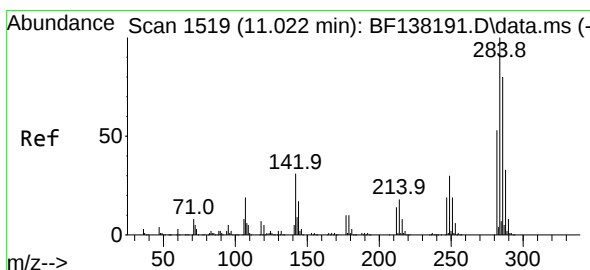
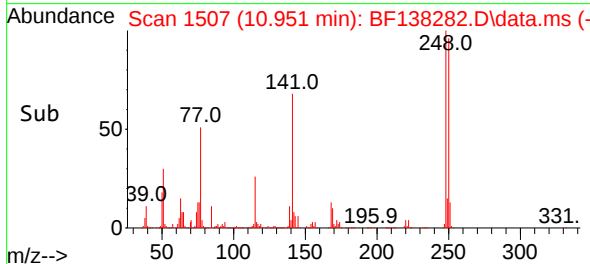
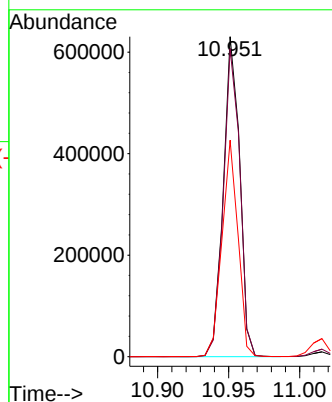
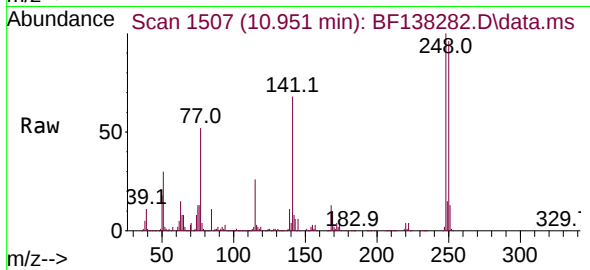
MH-K-COMPMS

Tgt Ion:248 Resp: 505119
Ion Ratio Lower Upper
248 100
250 96.3 77.2 115.8
141 67.6 44.1 66.1

Manual Integrations

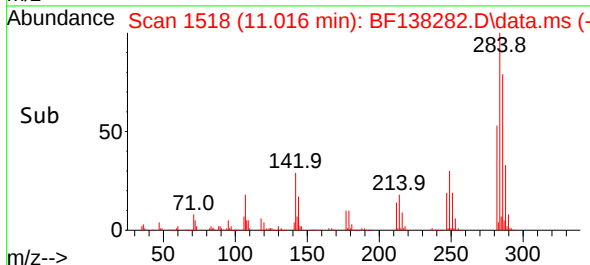
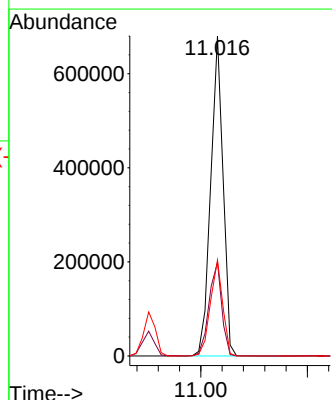
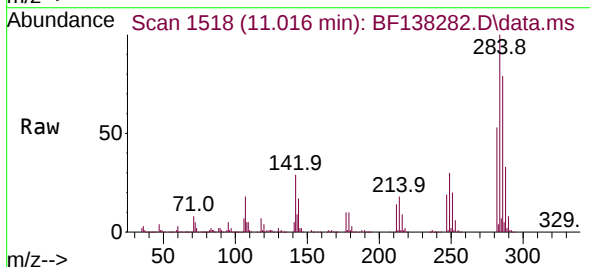
APPROVED

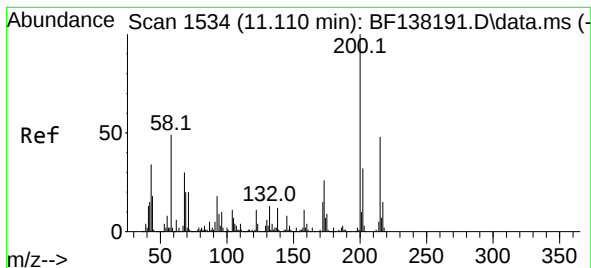
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#68
Hexachlorobenzene
Concen: 47.913 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:284 Resp: 548719
Ion Ratio Lower Upper
284 100
142 29.3 24.8 37.2
249 30.0 23.8 35.6





#69

Atrazine

Concen: 54.211 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138282.D

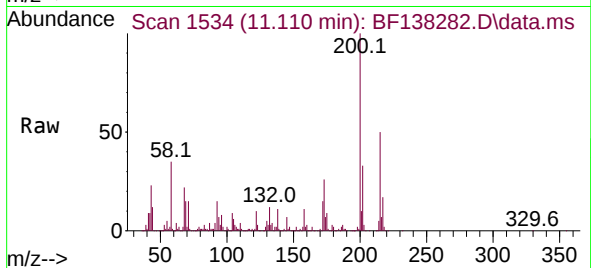
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS



Tgt Ion:200 Resp: 411692

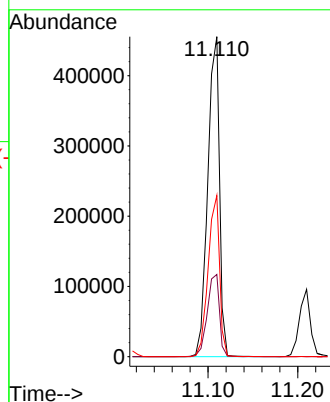
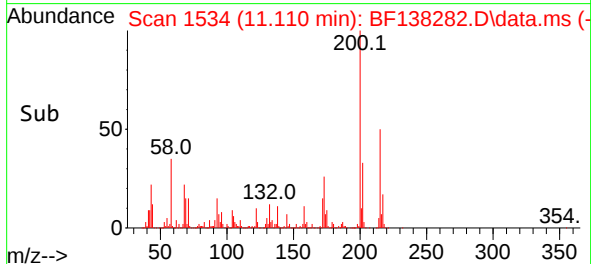
Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.3	46.3
215	50.3	28.0	68.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#70

Pentachlorophenol

Concen: 74.335 ng

RT: 11.210 min Scan# 1551

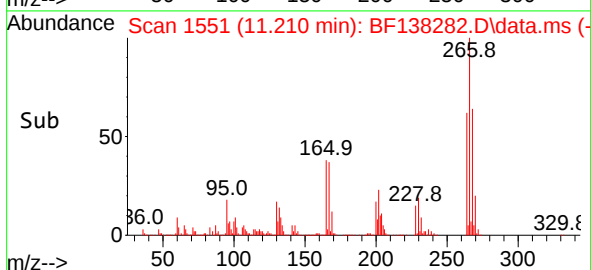
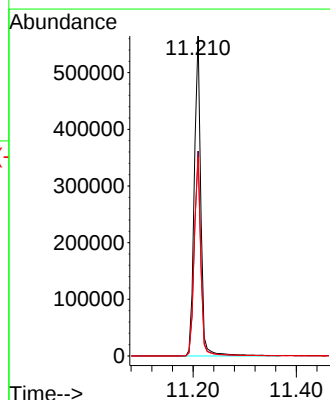
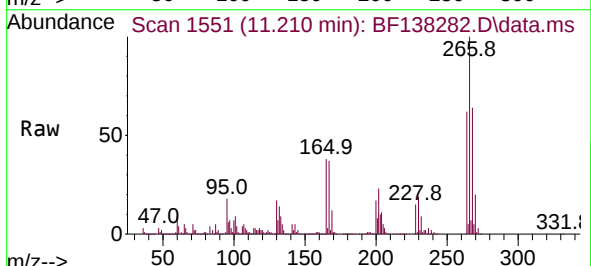
Delta R.T. -0.006 min

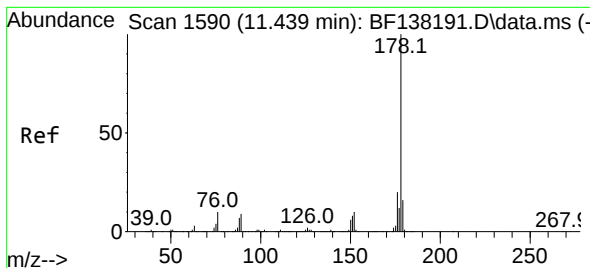
Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Tgt Ion:266 Resp: 496489

Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.5	74.3
264	62.2	49.2	73.8





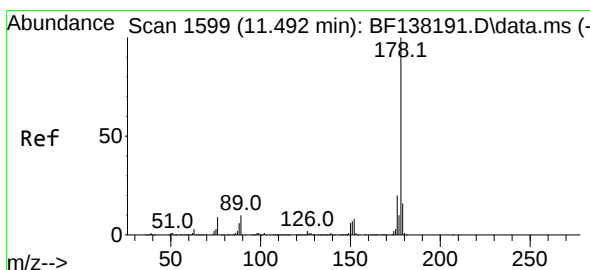
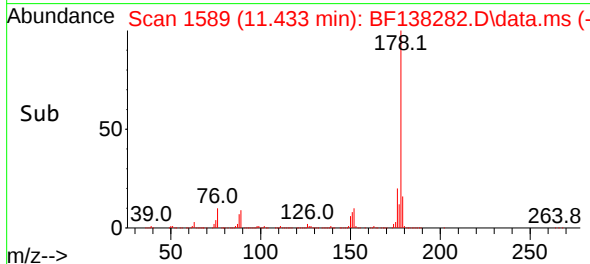
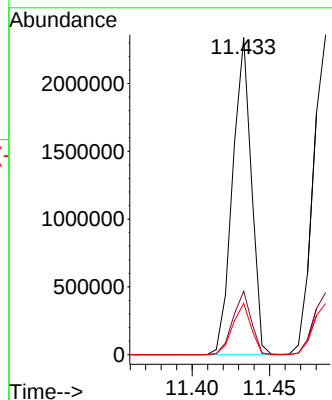
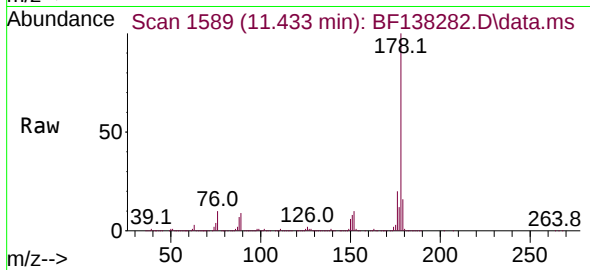
#71
Phenanthrene
Concen: 45.729 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS

Tgt Ion:178 Resp: 1969490
Ion Ratio Lower Upper
178 100
176 20.0 16.4 24.6
179 16.2 13.1 19.7

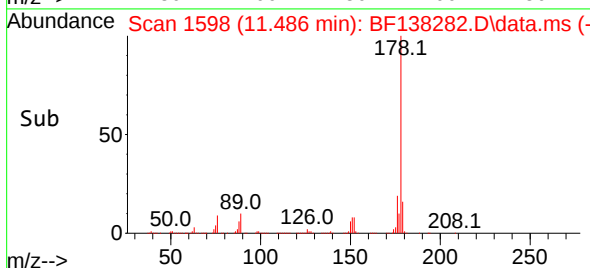
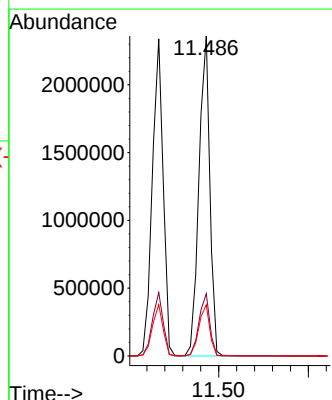
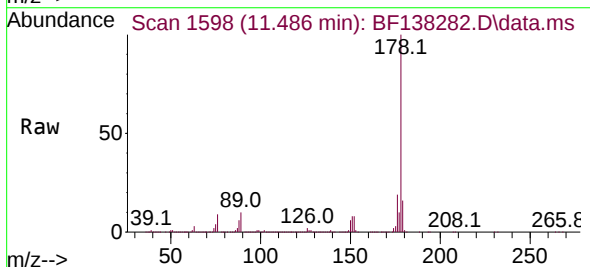
Manual Integrations
APPROVED

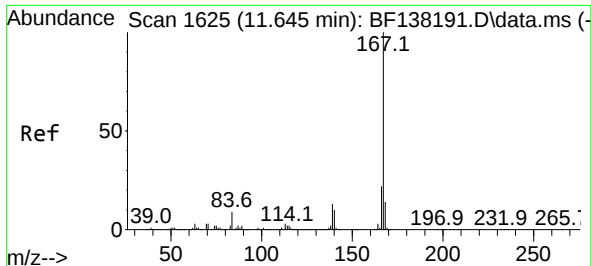
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#72
Anthracene
Concen: 46.523 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

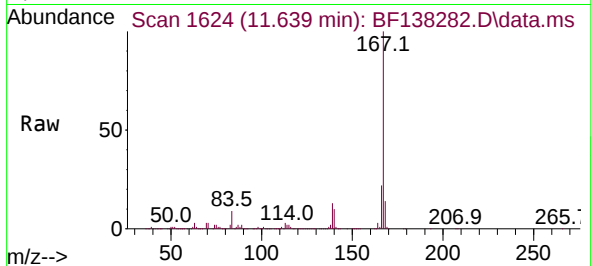
Tgt Ion:178 Resp: 1989359
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.0 13.0 19.6





#73
 Carbazole
 Concen: 41.540 ng
 RT: 11.639 min Scan# 1625
 Delta R.T. -0.006 min
 Lab File: BF138282.D
 Acq: 21 Jun 2024 13:25

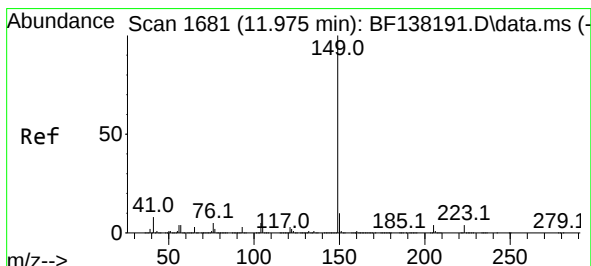
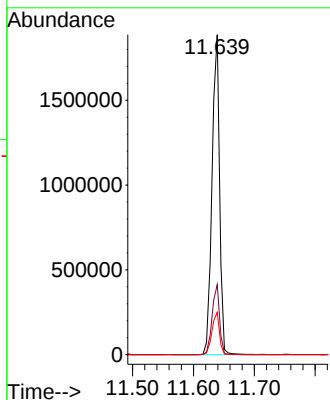
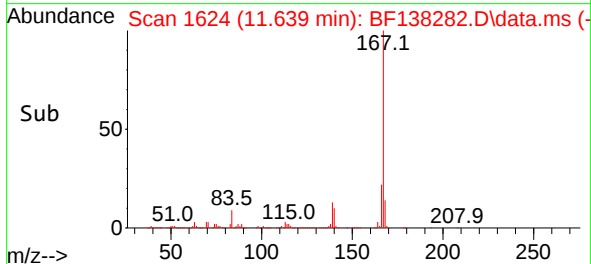
Instrument :
 BNA_F
 ClientSampleId :
 MH-K-COMPMS



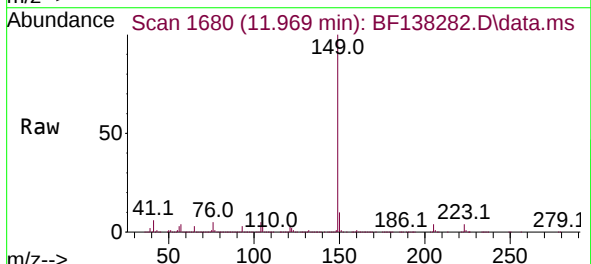
Tgt Ion:167 Resp: 162921
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.2 10.6 16.0

Manual Integrations
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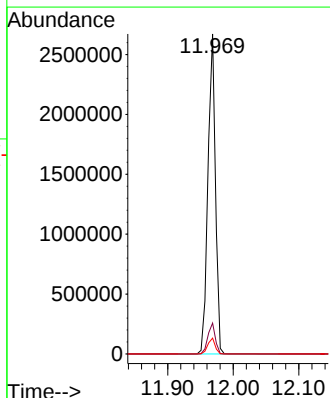
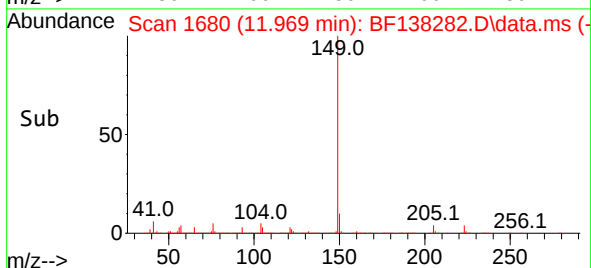
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

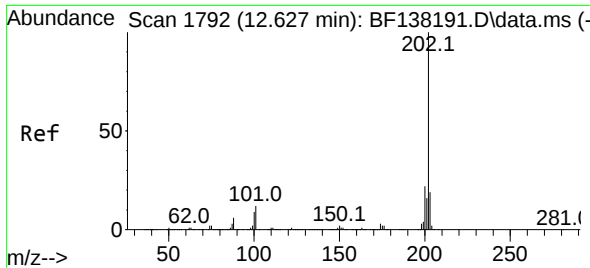


#74
 Di-n-butylphthalate
 Concen: 52.288 ng
 RT: 11.969 min Scan# 1680
 Delta R.T. -0.006 min
 Lab File: BF138282.D
 Acq: 21 Jun 2024 13:25



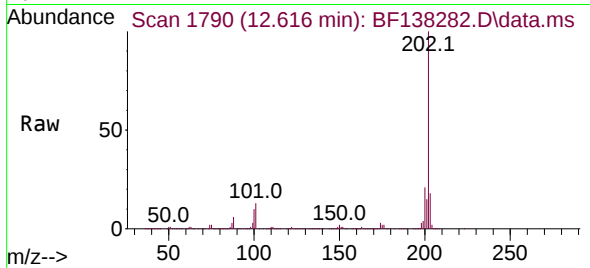
Tgt Ion:149 Resp: 2123006
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.2 12.2
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 39.026 ng
RT: 12.616 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

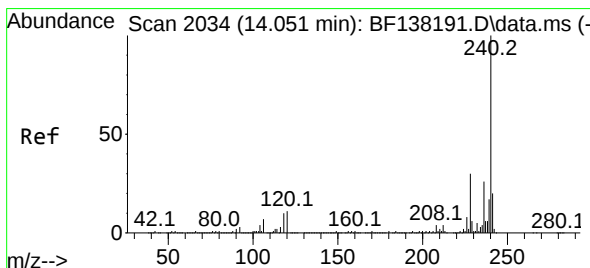
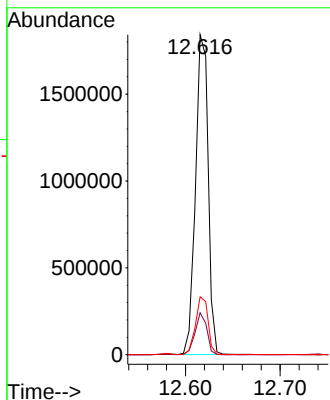
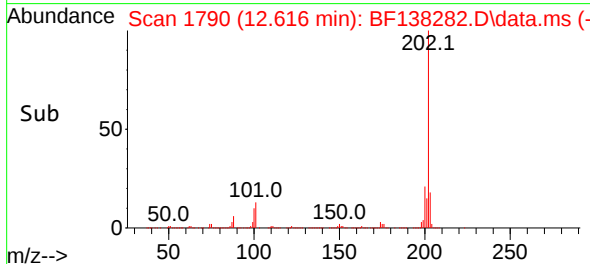
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



Tgt Ion:202 Resp: 171394
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.8
203 18.1 0.0 38.6

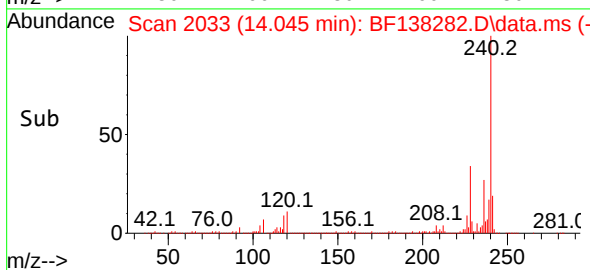
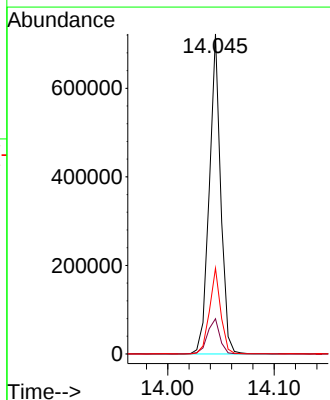
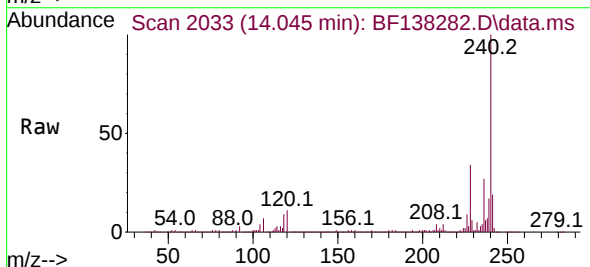
Manual Integrations
APPROVED

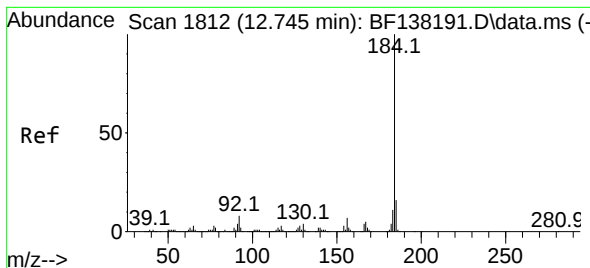
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:240 Resp: 537295
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 26.8 21.0 31.6





#77

Benzidine

Concen: 75.707 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS

Tgt Ion:184 Resp: 47050

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

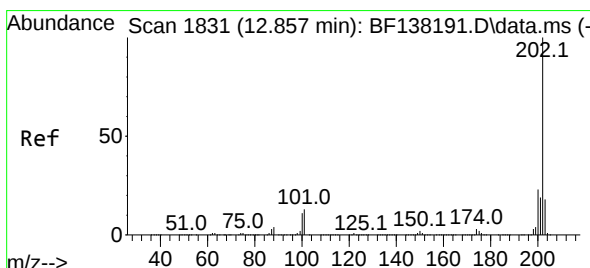
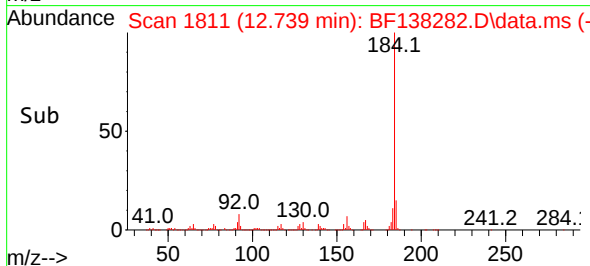
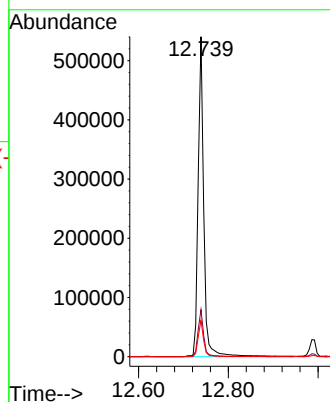
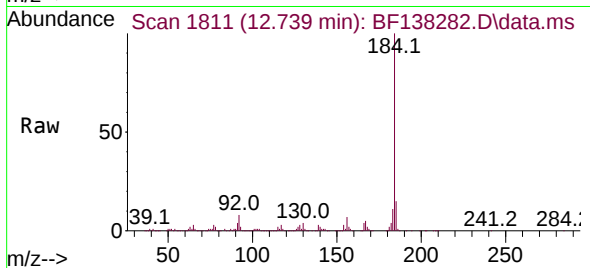
183 11.3 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#78

Pyrene

Concen: 37.622 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.012 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

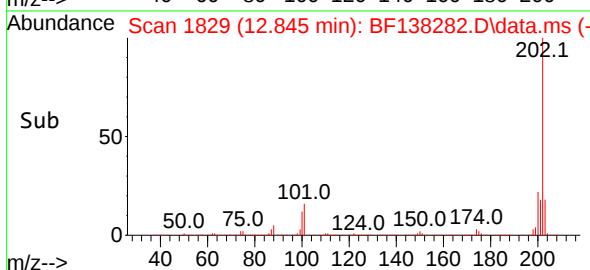
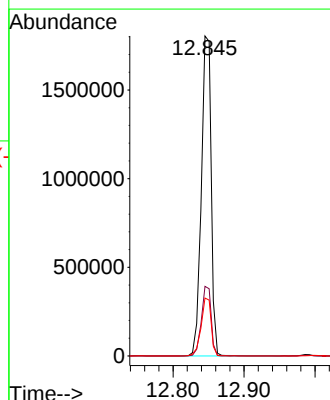
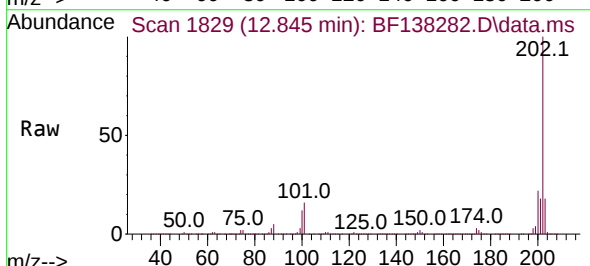
Tgt Ion:202 Resp: 1743607

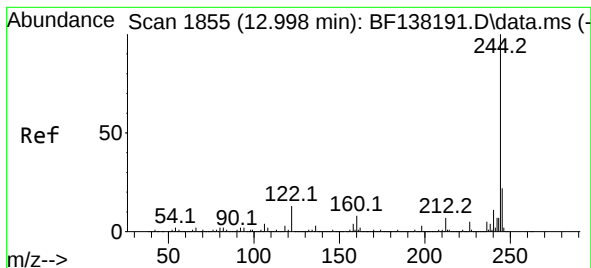
Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

203 18.1 14.7 22.1





#79

Terphenyl-d14

Concen: 63.383 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138282.D

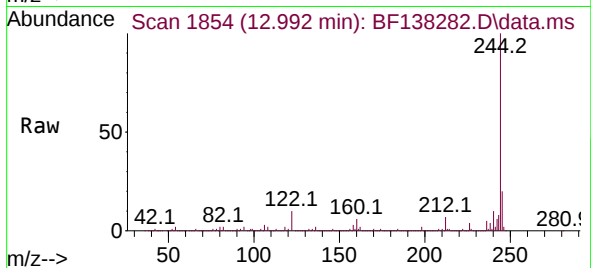
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS



Tgt Ion:244 Resp: 2150204

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

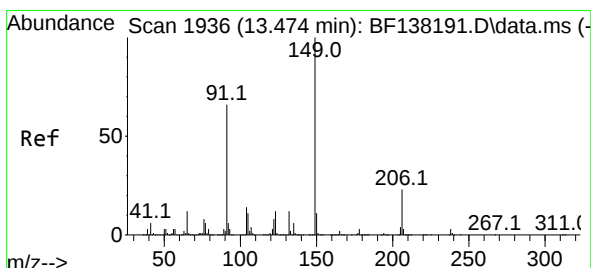
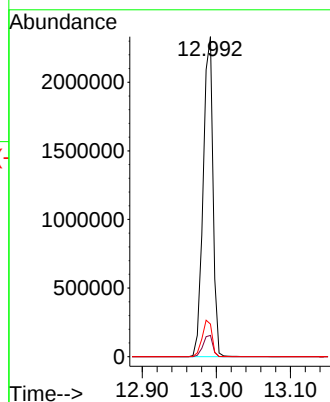
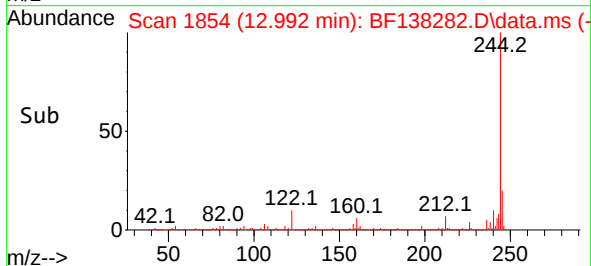
122 10.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#80

Butylbenzylphthalate

Concen: 57.505 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

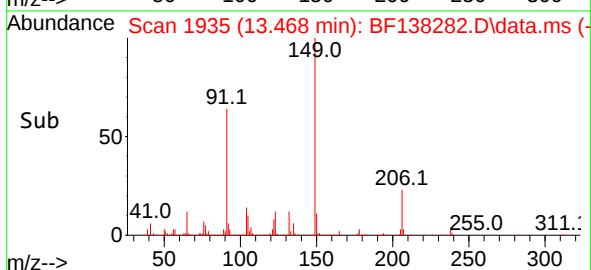
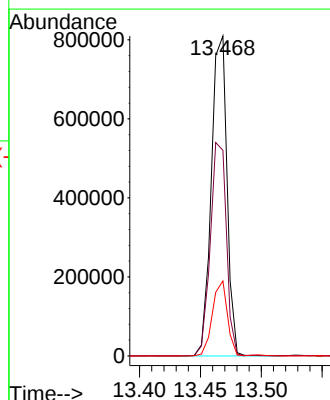
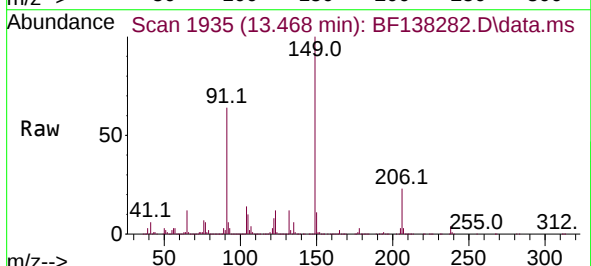
Tgt Ion:149 Resp: 724920

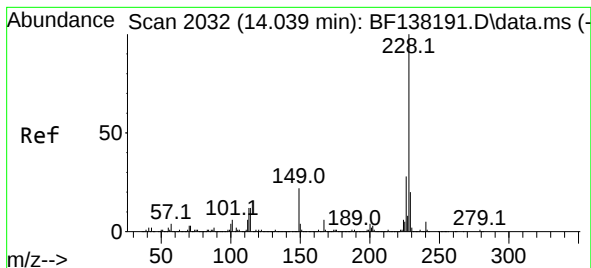
Ion Ratio Lower Upper

149 100

91 64.2 53.2 79.8

206 23.5 18.6 27.8





#81

Benzo(a)anthracene

Concen: 47.302 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS

Tgt Ion:228 Resp: 163051

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

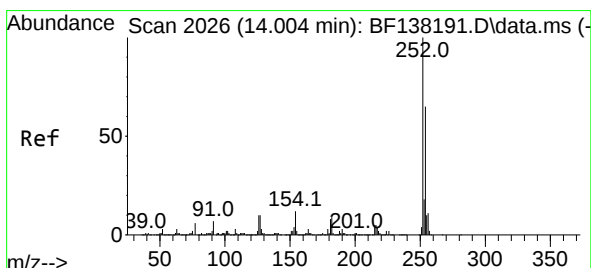
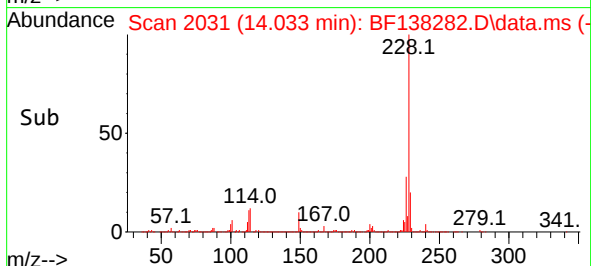
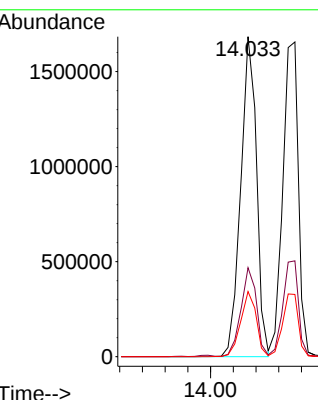
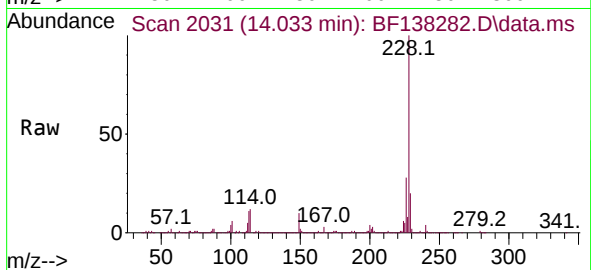
229 20.4 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 40.961 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

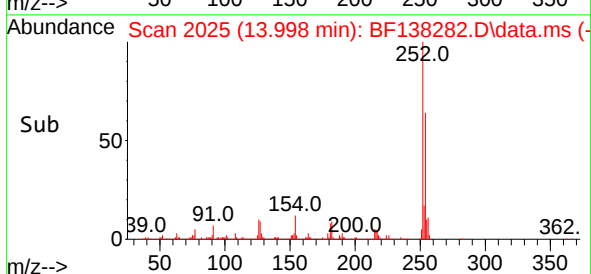
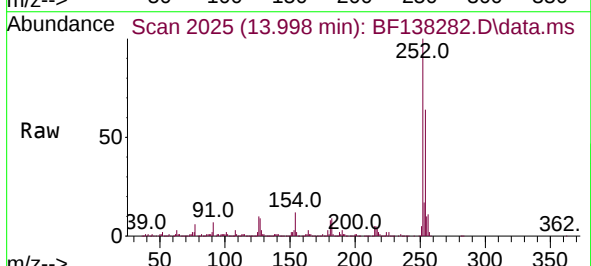
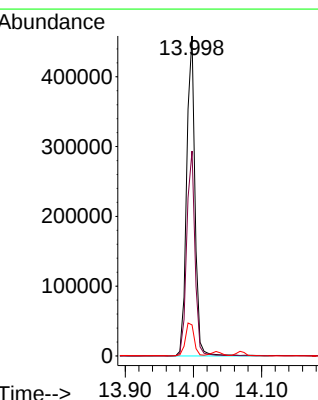
Tgt Ion:252 Resp: 388816

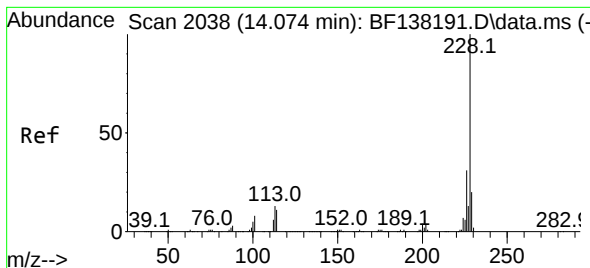
Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.6

126 9.7 8.3 12.5





#83

Chrysene

Concen: 47.997 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138282.D

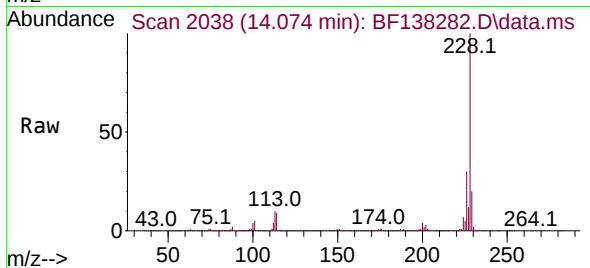
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS



Tgt Ion:228 Resp: 157699

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

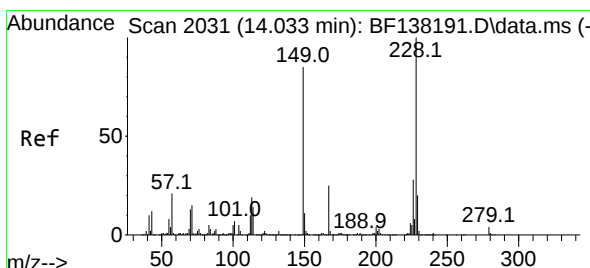
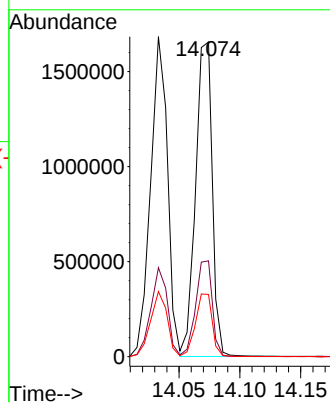
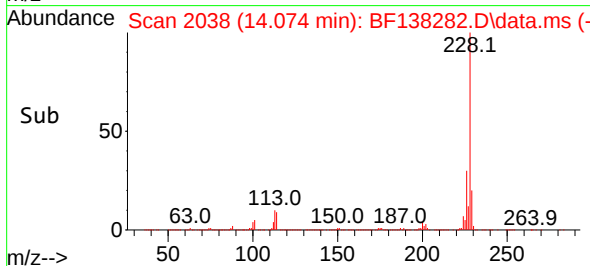
229 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.458 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.012 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

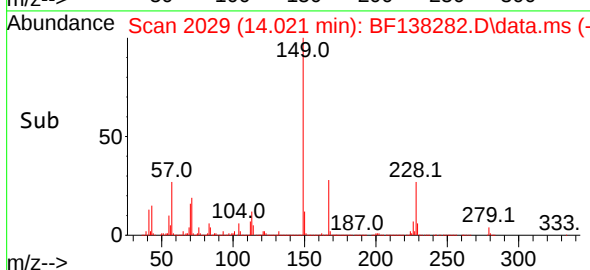
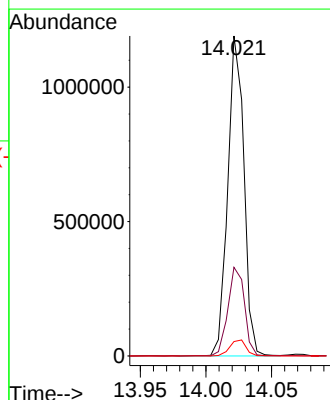
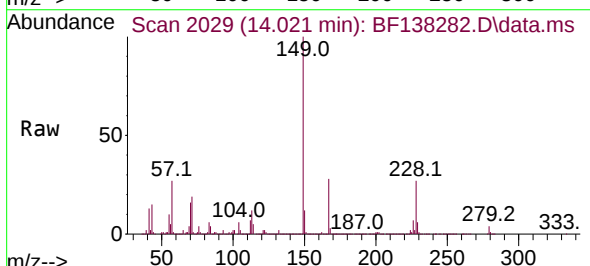
Tgt Ion:149 Resp: 1018380

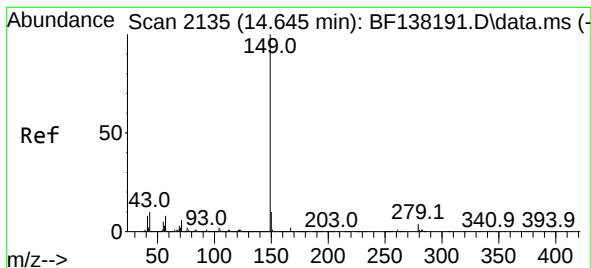
Ion Ratio Lower Upper

149 100

167 27.7 23.5 35.3

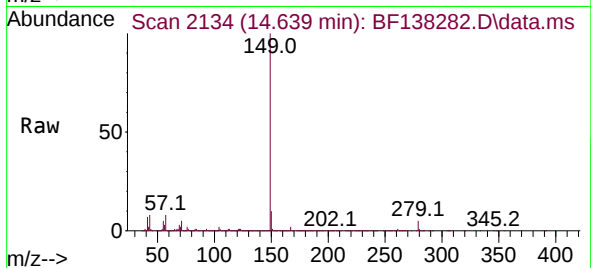
279 4.5 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 86.436 ng
RT: 14.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

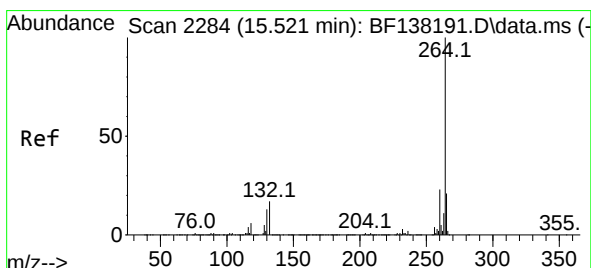
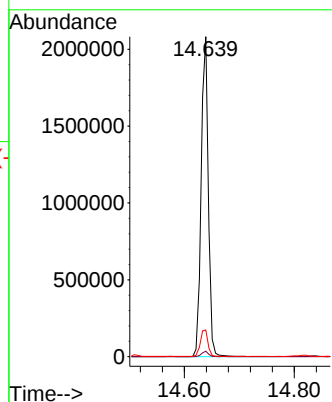
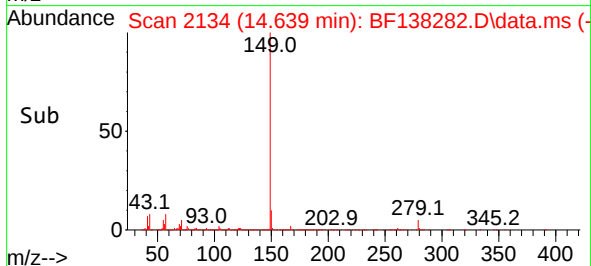
Instrument :
BNA_F
ClientSampleId :
MH-K-COMPMS



Tgt Ion:149 Resp: 1882718
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.8 11.6

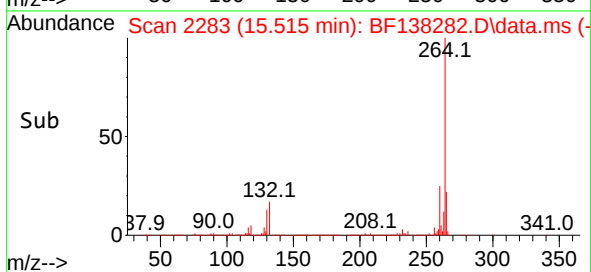
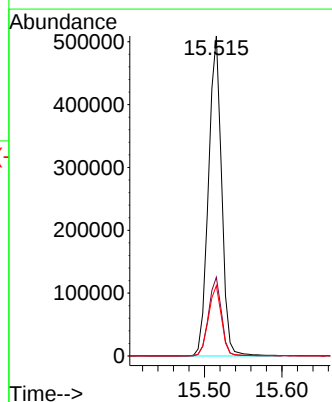
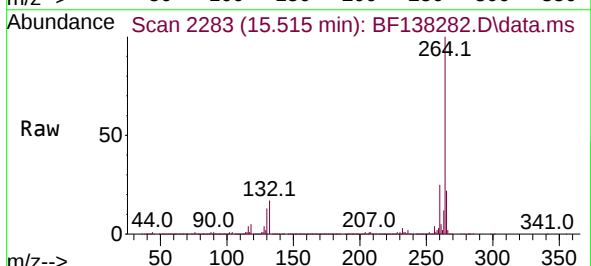
Manual Integrations
APPROVED

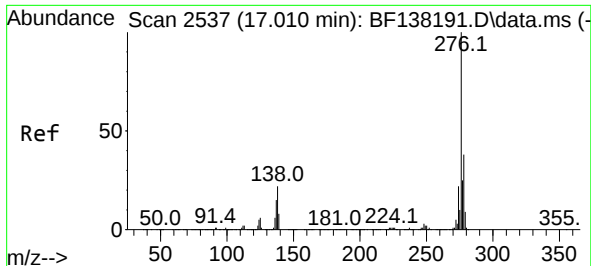
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:264 Resp: 598069
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 22.0 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.713 ng
RT: 16.992 min Scan# 210
Delta R.T. -0.018 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

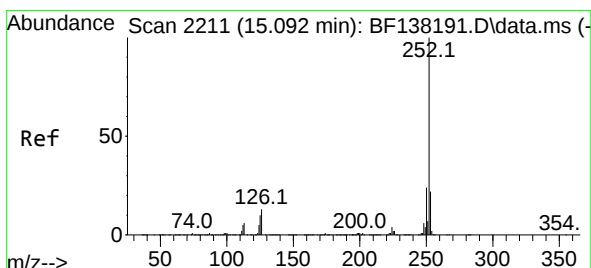
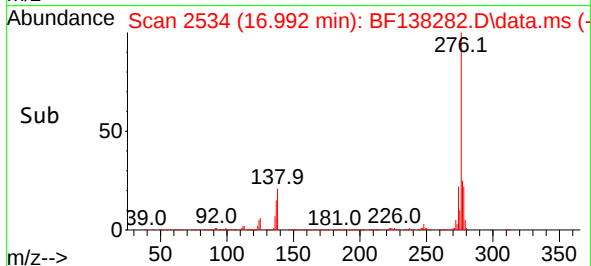
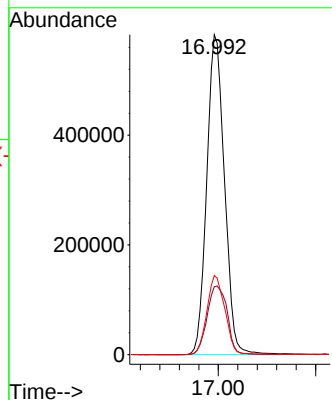
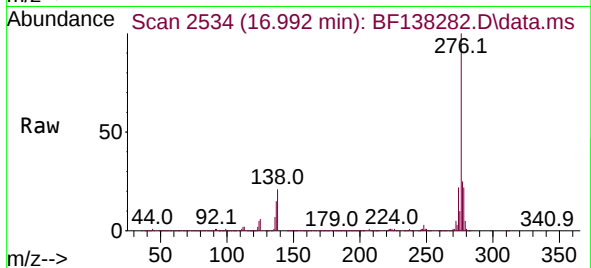
MH-K-COMPMS

Tgt Ion:276 Resp: 1470379
Ion Ratio Lower Upper
276 100
138 24.4 19.3 28.9
277 25.3 20.2 30.2

Manual Integrations

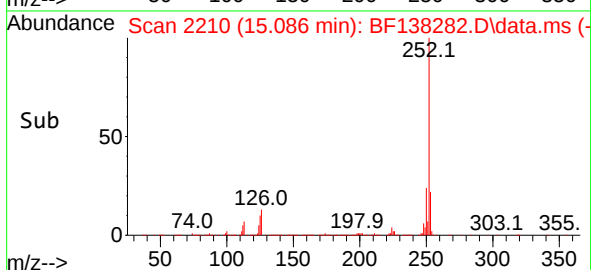
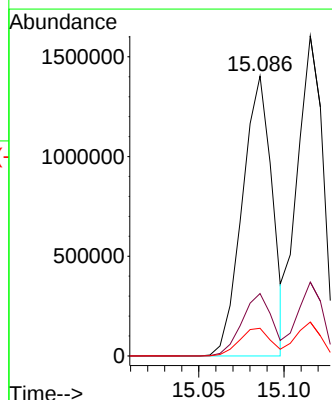
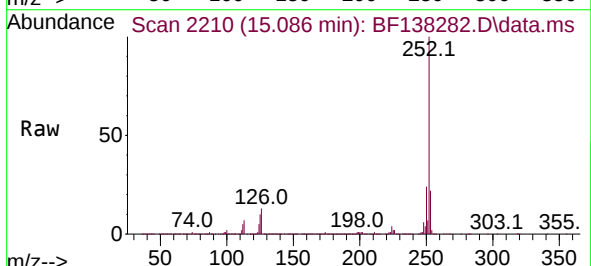
APPROVED

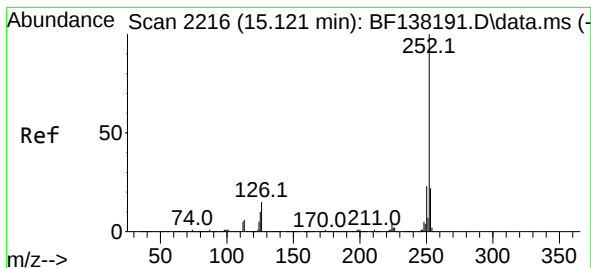
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#88
Benzo(b)fluoranthene
Concen: 48.778 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:252 Resp: 1720354
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.9 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 48.940 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

ClientSampleId :

MH-K-COMPMS

Tgt Ion:252 Resp: 1691599

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

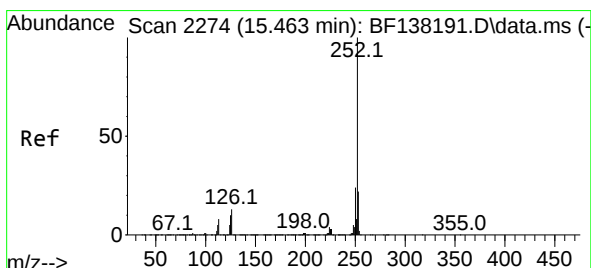
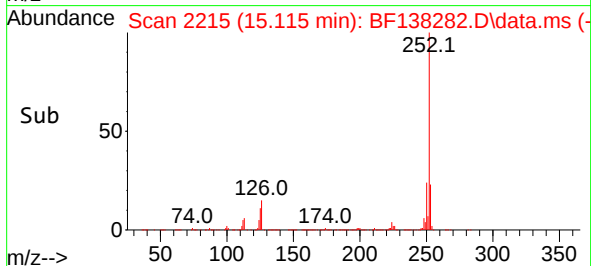
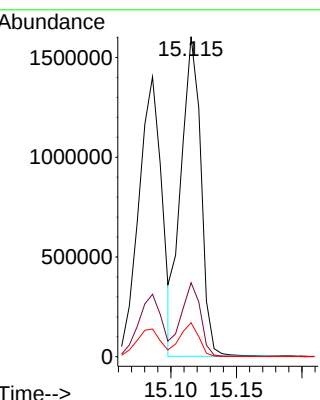
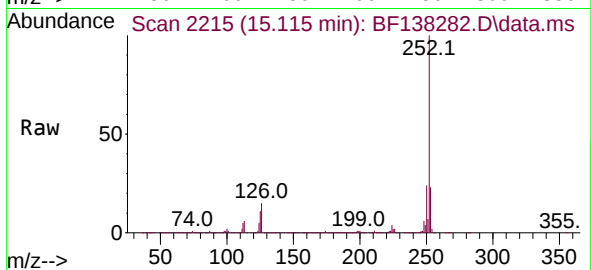
125 10.6 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024



#90

Benzo(a)pyrene

Concen: 50.759 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138282.D

Acq: 21 Jun 2024 13:25

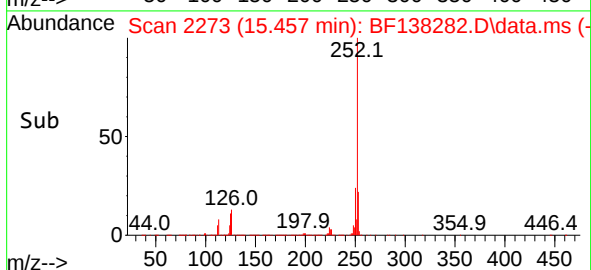
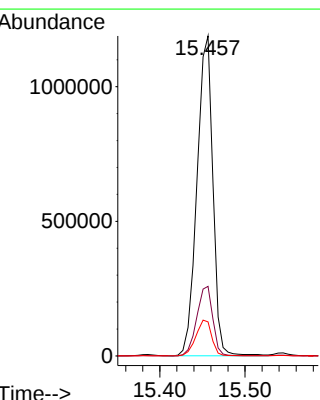
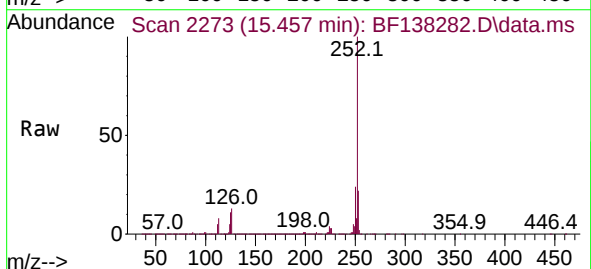
Tgt Ion:252 Resp: 1537975

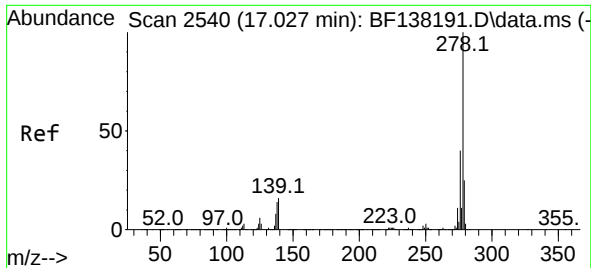
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.7 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 37.599 ng
RT: 17.015 min Scan# 2538
Delta R.T. -0.012 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Instrument :

BNA_F

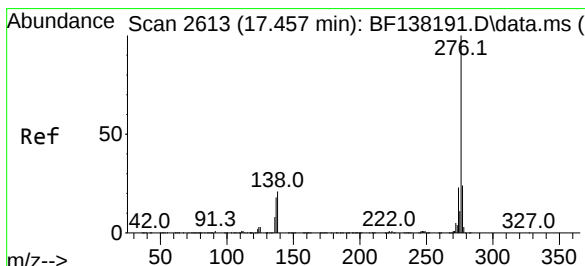
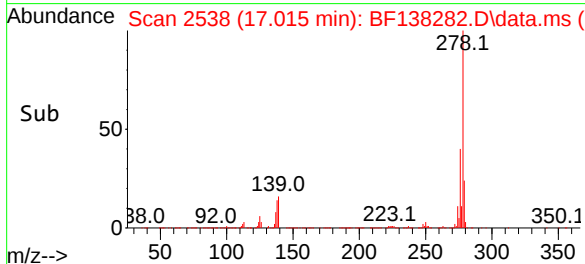
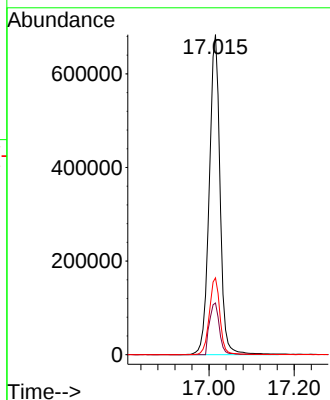
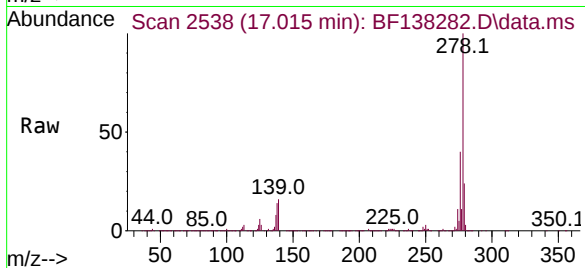
ClientSampleId :

MH-K-COMPMS

Tgt Ion:278 Resp: 120322
Ion Ratio Lower Upper
278 100
139 16.2 12.9 19.3
279 24.0 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#92
Benzo(g,h,i)perylene
Concen: 32.313 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF138282.D
Acq: 21 Jun 2024 13:25

Tgt Ion:276 Resp: 1069758
Ion Ratio Lower Upper
276 100
277 23.6 19.5 29.3
138 20.9 16.6 24.8

