

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138982.D
 Acq On : 13 Aug 2024 19:33
 Operator : RC/JU
 Sample : PB162660BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162660BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 14 00:36:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	52490	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	219450	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	121118	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	201290	20.000	ng	0.00
76) Chrysene-d12	14.004	240	101195	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	94247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	442240	130.056	ng	0.02
7) Phenol-d6	6.493	99	585775	128.309	ng	0.00
23) Nitrobenzene-d5	7.410	82	387298	86.286	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	132615	133.668	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	708539	87.896	ng	0.00
79) Terphenyl-d14	12.939	244	638888	105.704	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	45148	30.327	ng	# 95
3) Pyridine	3.457	79	117456	32.570	ng	94
4) n-Nitrosodimethylamine	3.422	42	113727	52.950	ng	# 80
6) Aniline	6.510	93	130251	31.991	ng	# 7
8) 2-Chlorophenol	6.634	128	170117	47.551	ng	98
9) Benzaldehyde	6.398	77	85724	31.324	ng	100
10) Phenol	6.510	94	224455	46.695	ng	85
11) bis(2-Chloroethyl)ether	6.581	93	162197	43.849	ng	99
12) 1,3-Dichlorobenzene	6.781	146	177298	44.273	ng	98
13) 1,4-Dichlorobenzene	6.857	146	180961	44.776	ng	100
14) 1,2-Dichlorobenzene	7.010	146	171966	45.530	ng	100
15) Benzyl Alcohol	6.992	79	166004	50.450	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	278504	43.750	ng	# 48
17) 2-Methylphenol	7.110	107	139713	47.293	ng	# 85
18) Hexachloroethane	7.345	117	69536	45.709	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	133729	48.498	ng	97
20) 3+4-Methylphenols	7.263	107	185307	48.889	ng	# 78
22) Acetophenone	7.257	105	238303	44.350	ng	96
24) Nitrobenzene	7.428	77	202129	44.255	ng	98
25) Isophorone	7.669	82	355545	46.389	ng	99
26) 2-Nitrophenol	7.745	139	93765	47.717	ng	95
27) 2,4-Dimethylphenol	7.787	122	117939	50.163	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	207450	44.447	ng	99
29) 2,4-Dichlorophenol	7.992	162	143901	47.631	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	156395	44.858	ng	98
31) Naphthalene	8.145	128	512449	44.363	ng	99
32) Benzoic acid	7.945	122	53750	29.083	ng	94
33) 4-Chloroaniline	8.198	127	77826	20.071	ng	97
34) Hexachlorobutadiene	8.251	225	95456	45.202	ng	99
35) Caprolactam	8.586	113	40257m	44.657	ng	
36) 4-Chloro-3-methylphenol	8.698	107	166894	48.337	ng	100
37) 2-Methylnaphthalene	8.834	142	338763	46.437	ng	100
38) 1-Methylnaphthalene	8.934	142	308779	43.194	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	144274	42.881	ng	99
41) Hexachlorocyclopentadiene	8.981	237	88266	97.451	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	92509	45.096	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	98568	43.953	ng	100
46) 1,1'-Biphenyl	9.298	154	397066	41.859	ng	99
47) 2-Chloronaphthalene	9.328	162	311048	44.090	ng	98
48) 2-Nitroaniline	9.434	65	115368	48.237	ng	97
49) Acenaphthylene	9.739	152	491841	49.155	ng	99
50) Dimethylphthalate	9.604	163	380765	49.166	ng	100
51) 2,6-Dinitrotoluene	9.675	165	82134	46.993	ng	92
52) Acenaphthene	9.910	154	299852	44.580	ng	100
53) 3-Nitroaniline	9.845	138	55440	30.684	ng	97
54) 2,4-Dinitrophenol	9.963	184	62191	77.298	ng	# 84
55) Dibenzofuran	10.081	168	447881	47.172	ng	97
56) 4-Nitrophenol	10.028	139	66236	60.961	ng	83
57) 2,4-Dinitrotoluene	10.081	165	108976	48.871	ng	# 79
58) Fluorene	10.428	166	362865	47.992	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	82203	47.946	ng	95
60) Diethylphthalate	10.298	149	376536	51.278	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	176107	47.358	ng	98
62) 4-Nitroaniline	10.463	138	71066m	41.389	ng	
63) Azobenzene	10.575	77	390547	47.954	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	55513	45.205	ng	92
66) n-Nitrosodiphenylamine	10.539	169	303717	48.271	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	101733	46.681	ng	97
68) Hexachlorobenzene	10.975	284	104683	46.522	ng	99
69) Atrazine	11.063	200	89831	55.338	ng	96
70) Pentachlorophenol	11.175	266	66476	65.542	ng	100
71) Phenanthrene	11.386	178	502257	48.458	ng	99
72) Anthracene	11.439	178	504976	49.455	ng	100
73) Carbazole	11.598	167	397577	45.131	ng	98
74) Di-n-butylphthalate	11.916	149	552582	55.799	ng	99
75) Fluoranthene	12.574	202	449174	46.421	ng	98
77) Benzidine	12.698	184	32900	13.593	ng	98
78) Pyrene	12.804	202	434374	45.590	ng	99
80) Butylbenzylphthalate	13.410	149	162438	53.240	ng	98
81) Benzo(a)anthracene	13.992	228	328521	47.144	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	65042	36.473	ng	99
83) Chrysene	14.027	228	300927	47.866	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	216537	48.466	ng	98
85) Di-n-octyl phthalate	14.574	149	346051	41.864	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	278951	41.301	ng	96
88) Benzo(b)fluoranthene	15.039	252	279937	47.915	ng	99
89) Benzo(k)fluoranthene	15.068	252	291803	57.686	ng	98
90) Benzo(a)pyrene	15.404	252	261766	53.266	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	224452	40.484	ng	98
92) Benzo(g,h,i)perylene	17.386	276	203015	35.287	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

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ClientSampleId :

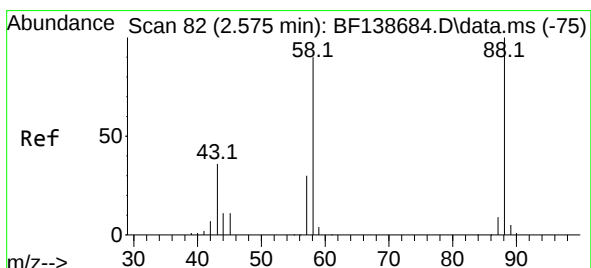
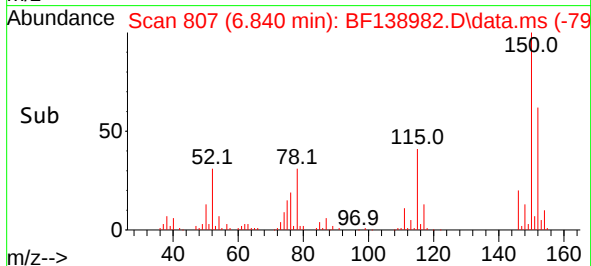
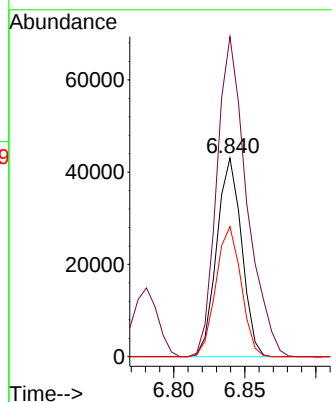
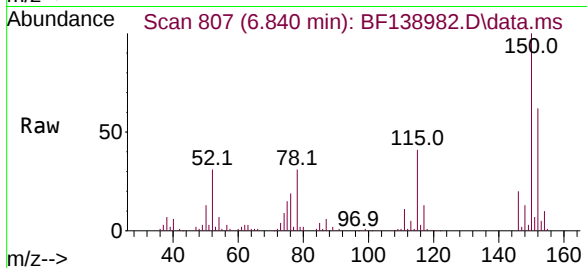
PB162660BS

Tgt Ion:152 Resp: 52490
Ion Ratio Lower Upper
152 100
150 161.1 126.0 189.0
115 65.5 51.7 77.5

Manual Integrations

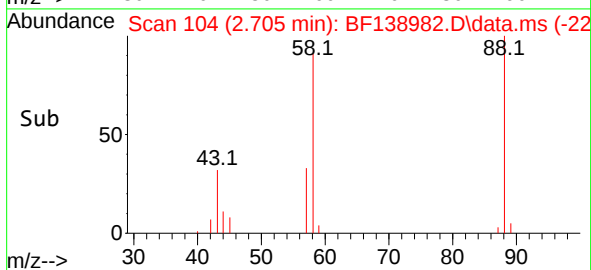
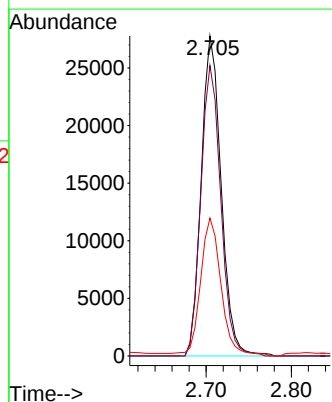
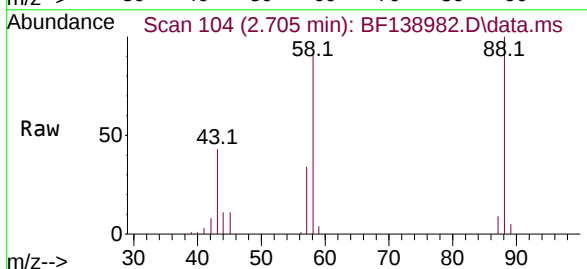
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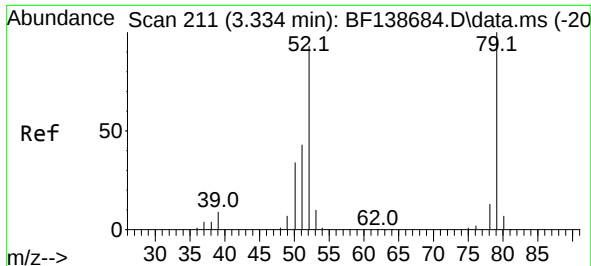
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#2
1,4-Dioxane
Concen: 30.327 ng
RT: 2.705 min Scan# 104
Delta R.T. 0.129 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion: 88 Resp: 45148
Ion Ratio Lower Upper
88 100
58 90.9 71.6 107.4
43 44.7 28.7 43.1#





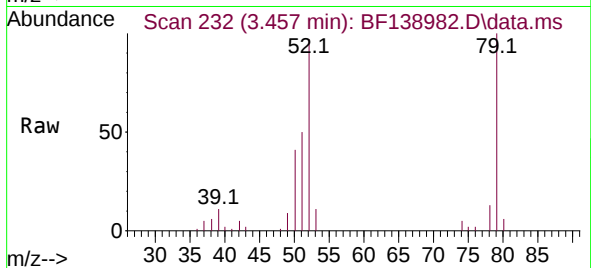
#3
Pyridine
Concen: 32.570 ng
RT: 3.457 min Scan# 211
Delta R.T. 0.124 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

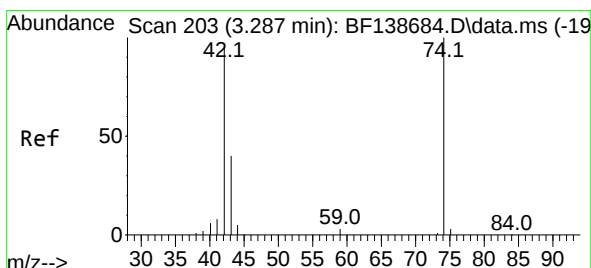
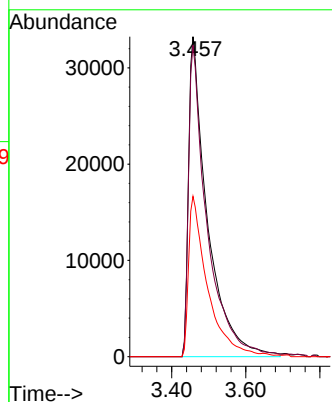
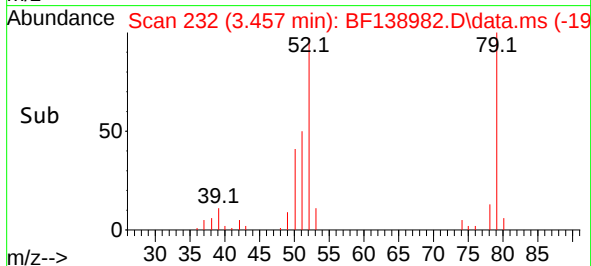


Tgt Ion: 79 Resp: 117450
Ion Ratio Lower Upper
79 100
52 97.3 74.7 112.1
51 50.1 34.6 51.8

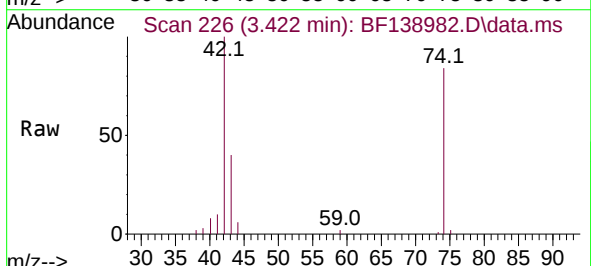
Manual Integrations

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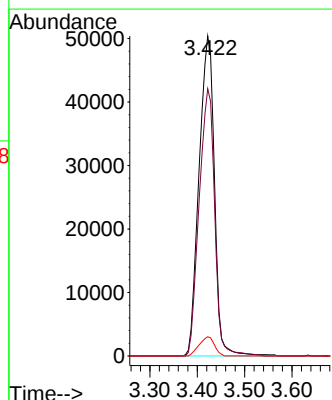
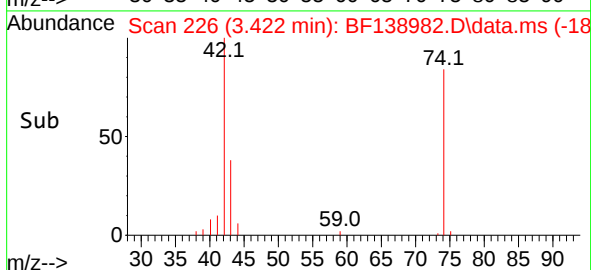
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Supervised By :mohammad ahmed 08/14/2024



#4
n-Nitrosodimethylamine
Concen: 52.950 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.135 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion: 42 Resp: 113727
Ion Ratio Lower Upper
42 100
74 83.5 84.2 126.4#
44 6.0 4.9 7.3





#5
2-Fluorophenol
Concen: 130.056 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

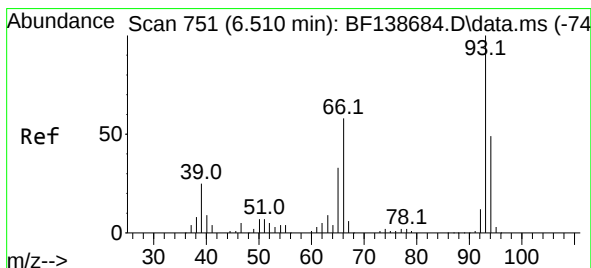
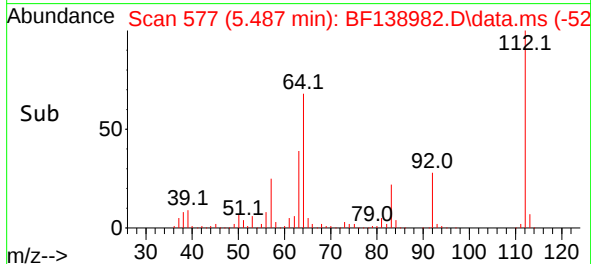
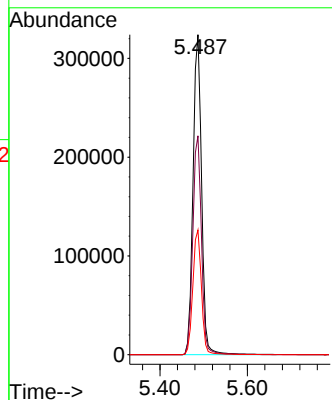
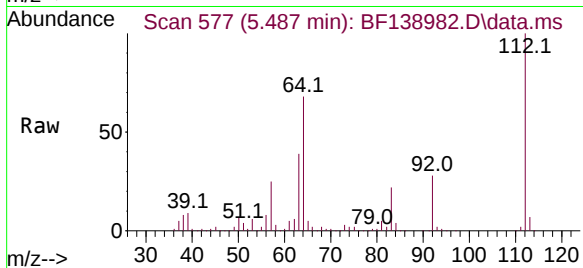
Tgt Ion:112 Resp: 442240
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 38.9 28.7 43.1

Manual Integrations

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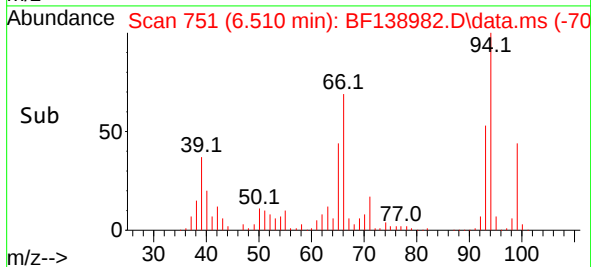
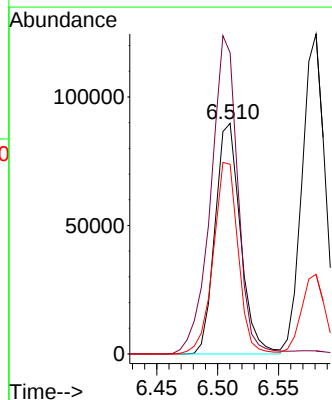
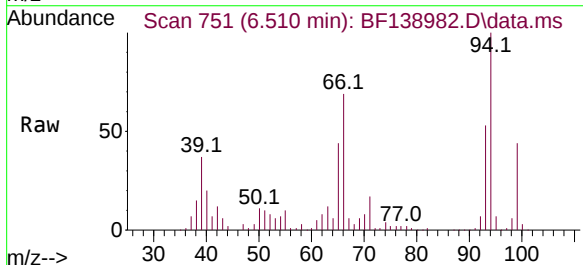
Reviewed By :Yogesh Patel 08/14/2024

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#6
Aniline
Concen: 31.991 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

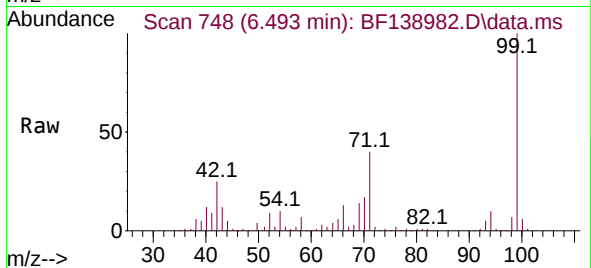
Tgt Ion: 93 Resp: 130251
Ion Ratio Lower Upper
93 100
66 130.6 46.9 70.3#
65 82.3 26.5 39.7#





#7
Phenol-d6
Concen: 128.309 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

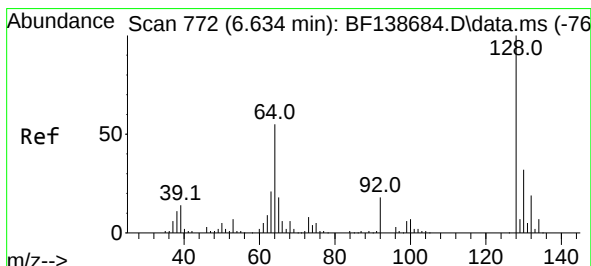
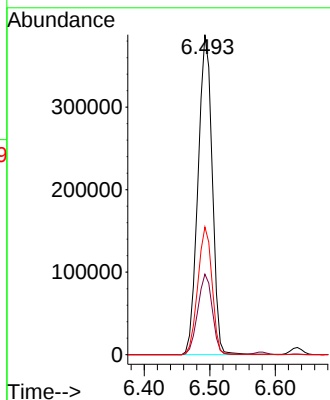
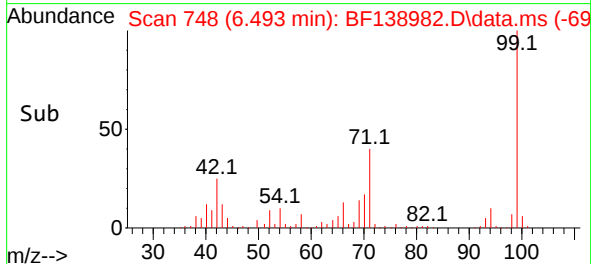
Instrument :
BNA_F
ClientSampleId :
PB162660BS



Tgt Ion: 99 Resp: 585775
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 39.9 28.1 42.1

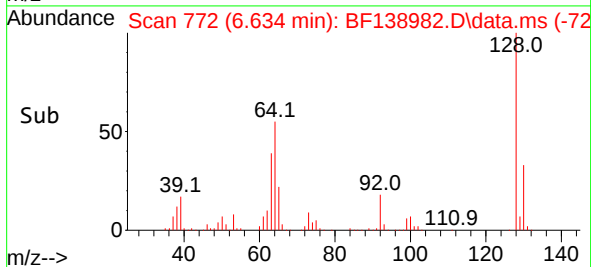
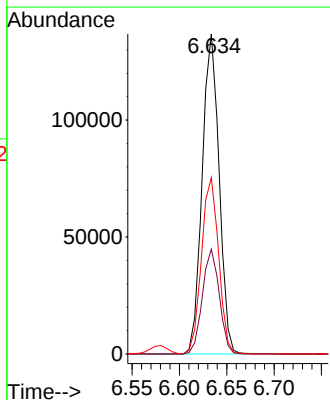
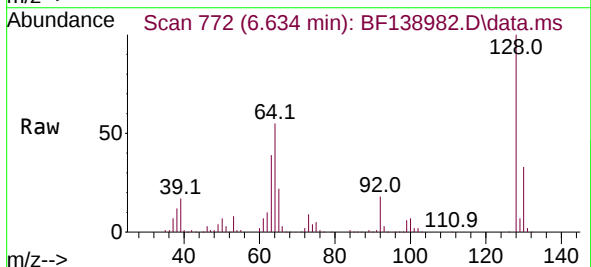
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#8
2-Chlorophenol
Concen: 47.551 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

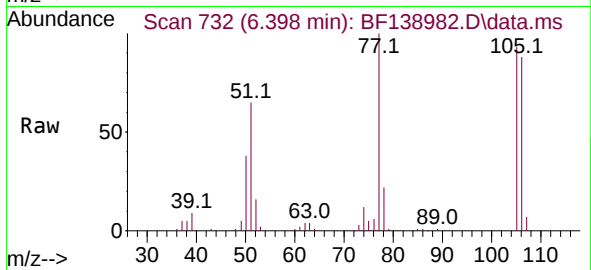
Tgt Ion:128 Resp: 170117
Ion Ratio Lower Upper
128 100
130 32.8 12.0 52.0
64 55.1 36.3 76.3





#9
Benzaldehyde
Concen: 31.324 ng
RT: 6.398 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

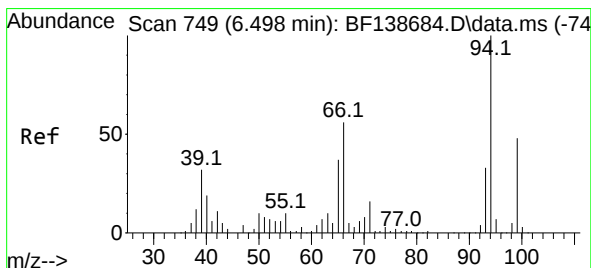
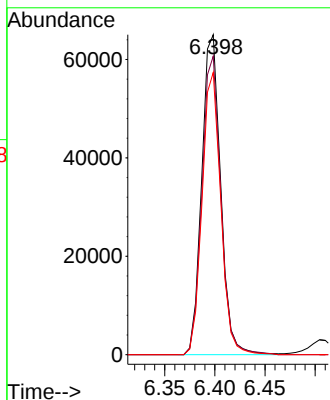
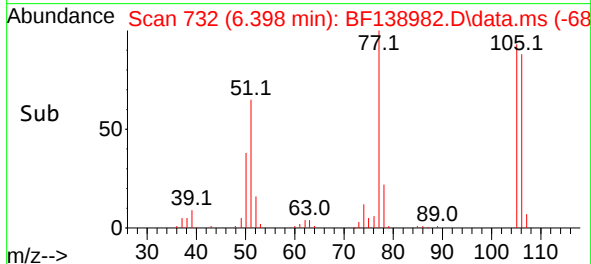
Instrument :
BNA_F
ClientSampleId :
PB162660BS



Tgt Ion: 77 Resp: 85724
Ion Ratio Lower Upper
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105 93.3 72.9 112.9
106 88.2 68.4 108.4

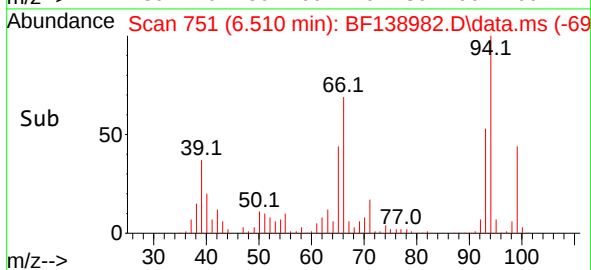
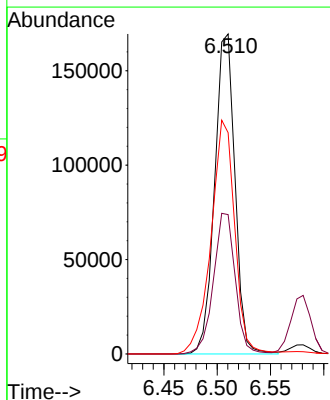
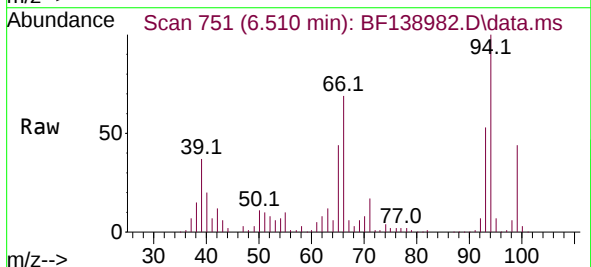
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#10
Phenol
Concen: 46.695 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion: 94 Resp: 224455
Ion Ratio Lower Upper
94 100
65 43.6 16.9 56.9
66 69.1 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 43.849 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

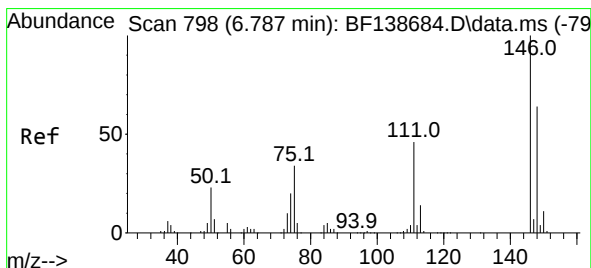
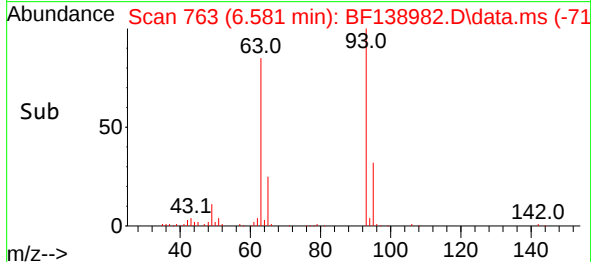
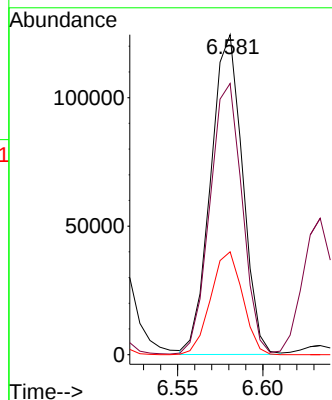
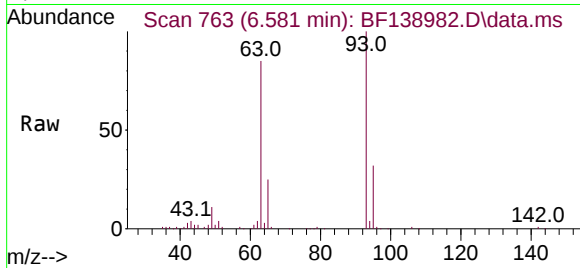
Tgt Ion:	93	Resp:	16219
Ion	Ratio	Lower	Upper
93	100		
63	84.7	65.3	105.3
95	32.1	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#12

1,3-Dichlorobenzene

Concen: 44.273 ng

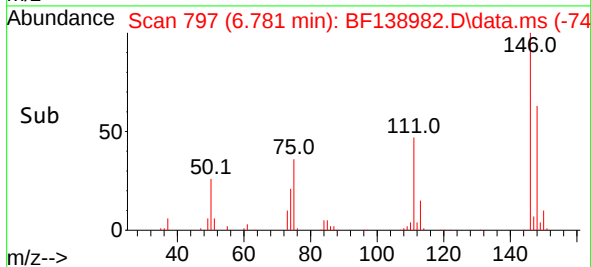
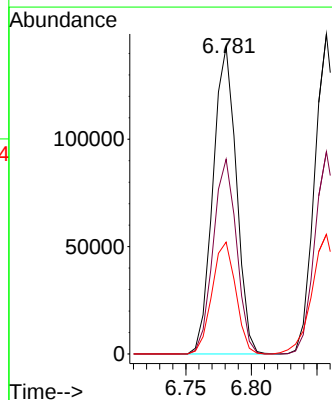
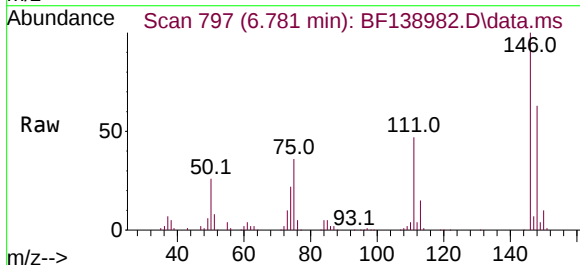
RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

Tgt Ion:	146	Resp:	177298
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
75	36.4	27.4	41.2





#13
1,4-Dichlorobenzene
Concen: 44.776 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

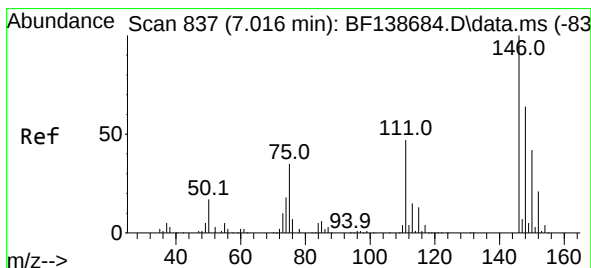
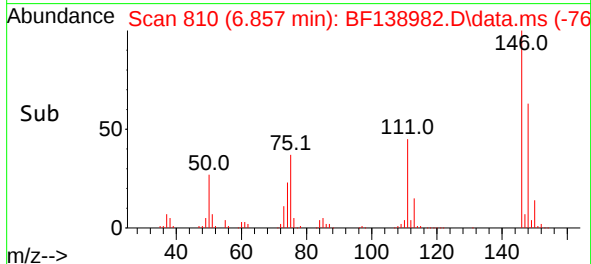
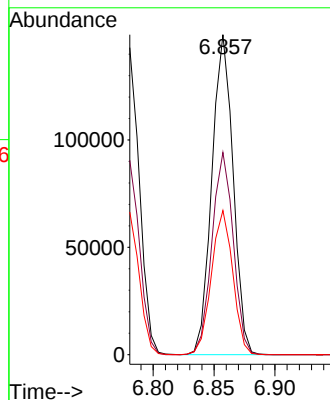
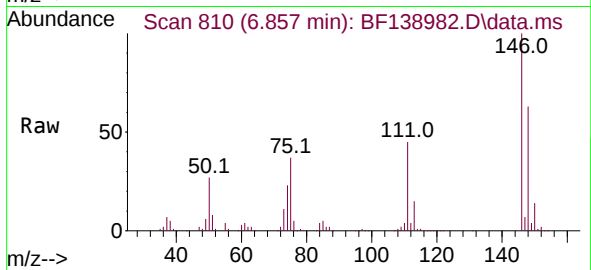
PB162660BS

Tgt Ion:146 Resp: 18096
Ion Ratio Lower Upper
146 100
148 63.2 50.2 75.2
111 45.0 35.9 53.9

Manual Integrations

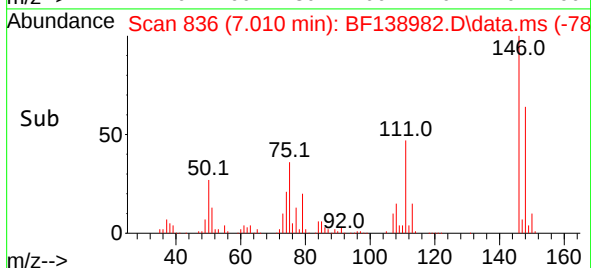
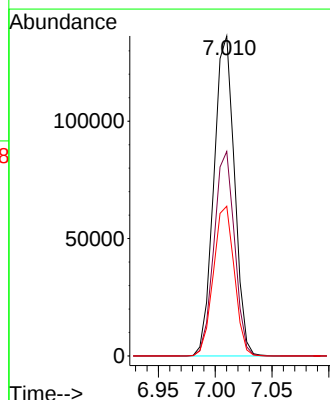
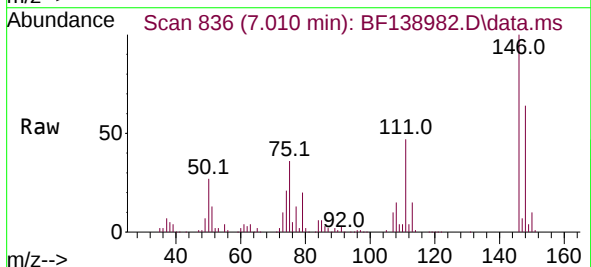
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 45.530 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:146 Resp: 171966
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 46.8 37.4 56.2





#15
Benzyl Alcohol
Concen: 50.450 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

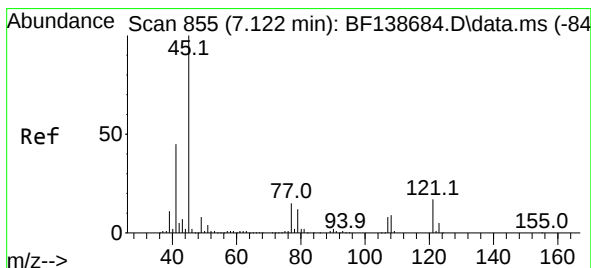
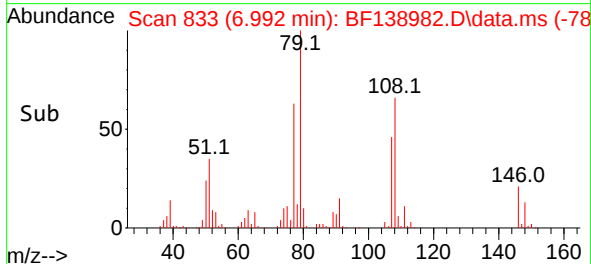
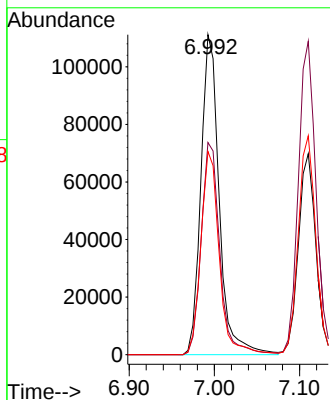
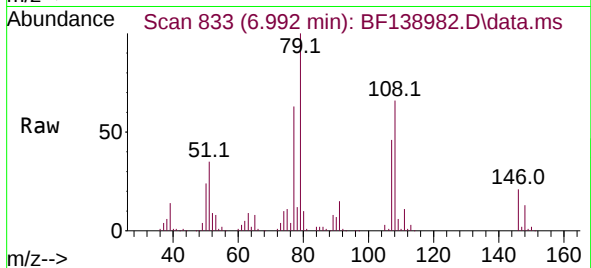
ClientSampleId :

PB162660BS

Tgt Ion: 79 Resp: 166004
Ion Ratio Lower Upper
79 100
108 66.3 56.6 85.0
77 63.5 50.3 75.5

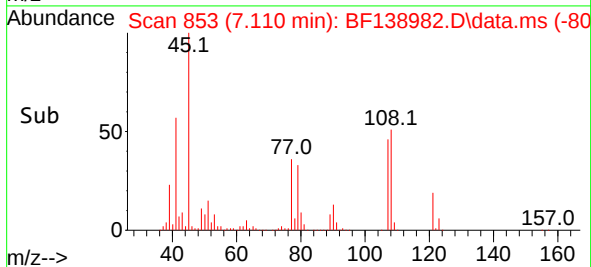
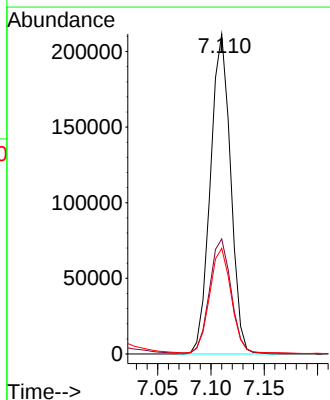
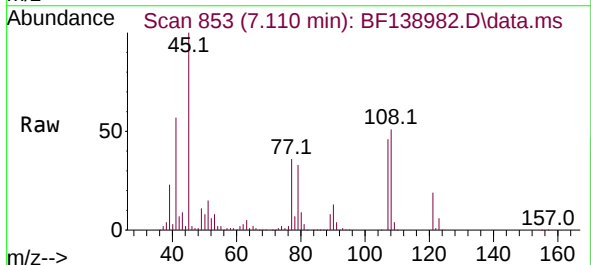
Manual Integrations
APPROVED

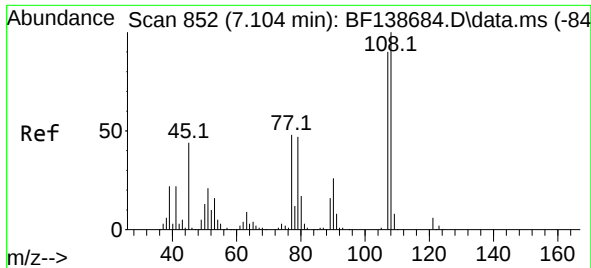
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.750 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion: 45 Resp: 278504
Ion Ratio Lower Upper
45 100
77 35.9 0.0 34.9#
79 33.0 0.0 32.2#





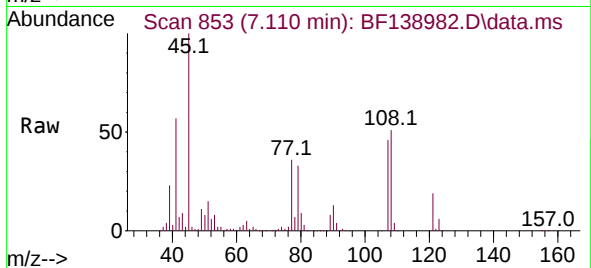
#17
2-Methylphenol
Concen: 47.293 ng
RT: 7.110 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS



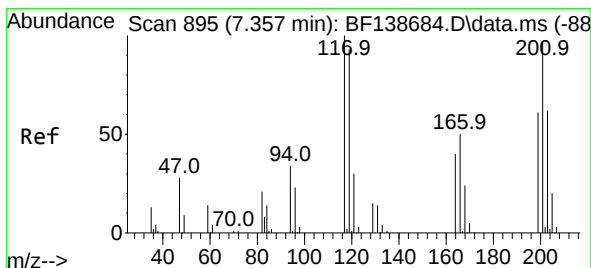
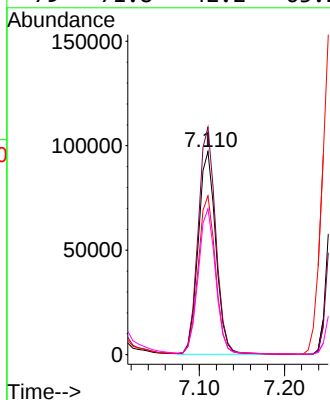
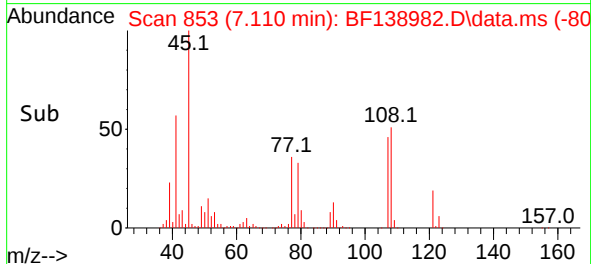
Tgt Ion:107 Resp: 139711
Ion Ratio Lower Upper
107 100
108 111.9 89.2 133.8
77 78.2 43.0 64.4
79 71.8 42.2 63.2

Manual Integrations

APPROVED

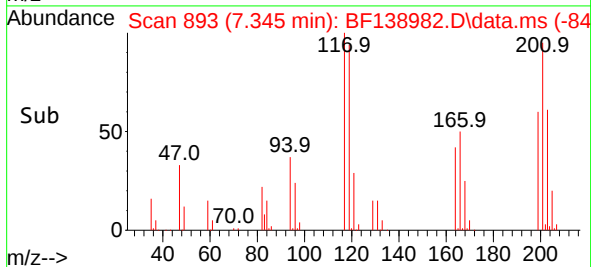
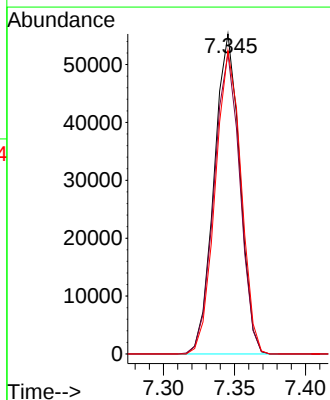
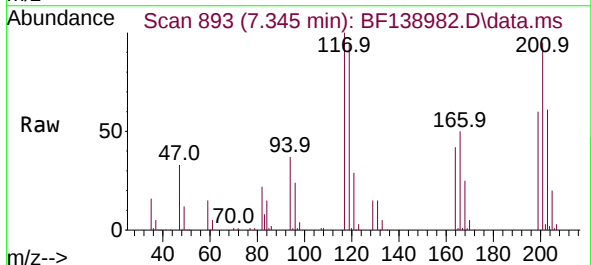
Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 45.709 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:117 Resp: 69536
Ion Ratio Lower Upper
117 100
119 94.0 74.6 111.8
201 94.8 77.2 115.8





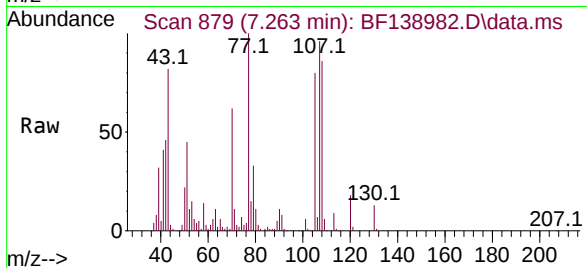
#19
n-Nitroso-di-n-propylamine
Concen: 48.498 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS



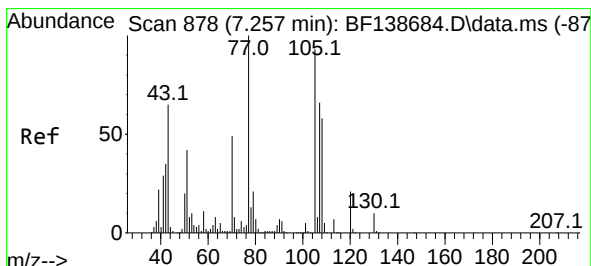
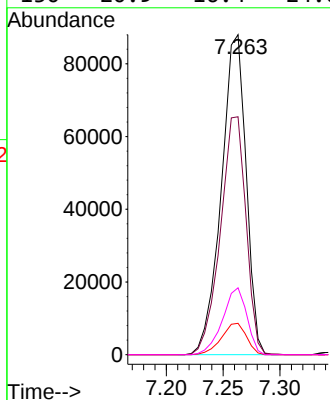
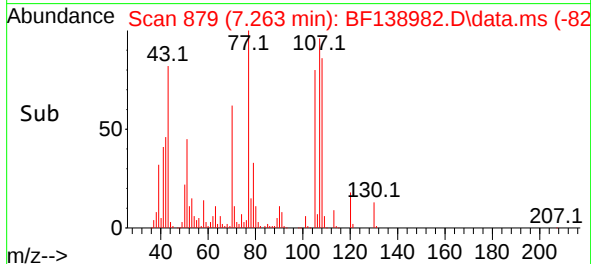
Tgt Ion: 70 Resp: 133729
Ion Ratio Lower Upper
70 100
42 74.3 57.4 86.0
101 9.8 7.5 11.3
130 20.9 16.4 24.6

Manual Integrations

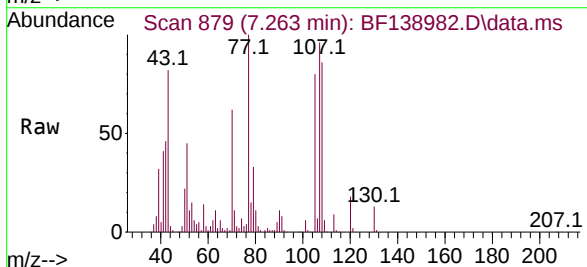
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

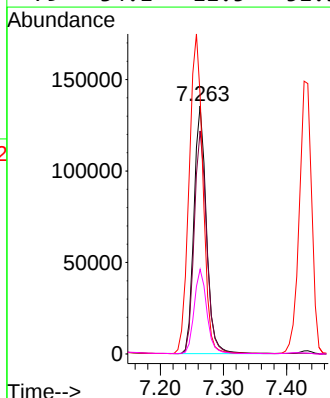
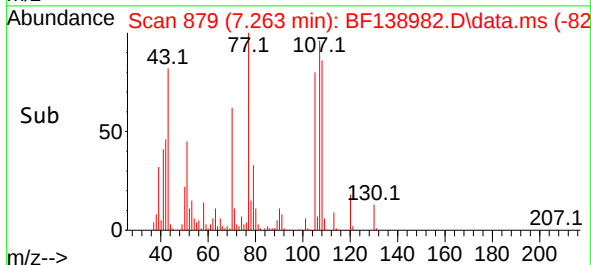
Supervised By :mohammad ahmed 08/14/2024

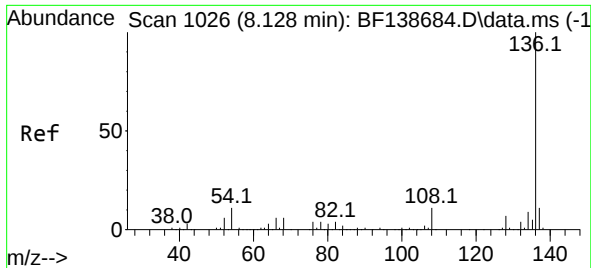


#20
3+4-Methylphenols
Concen: 48.889 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:107 Resp: 185307
Ion Ratio Lower Upper
107 100
108 89.9 68.2 108.2
77 104.2 132.1 172.1#
79 34.1 11.5 51.5





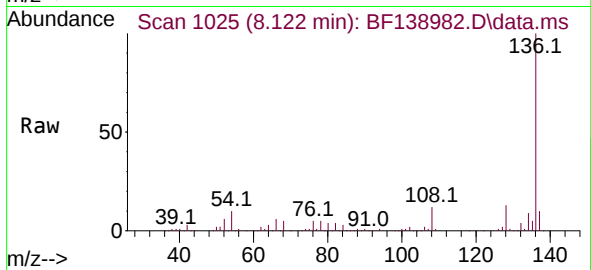
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

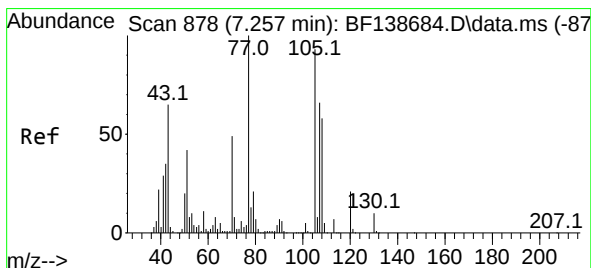
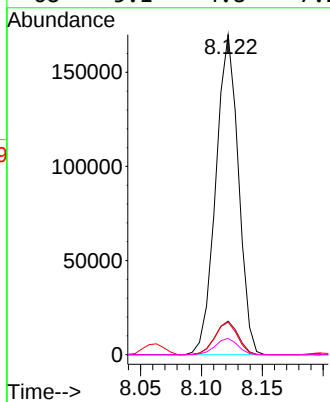
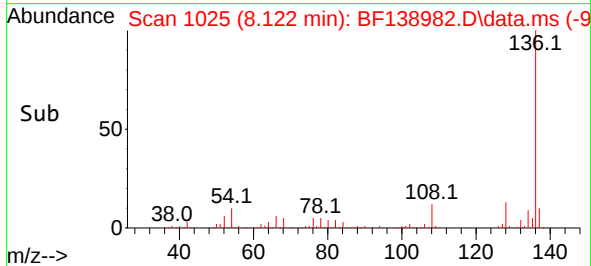


Tgt Ion:136 Resp: 219450
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.1 8.6 12.8
68 5.1 4.8 7.2

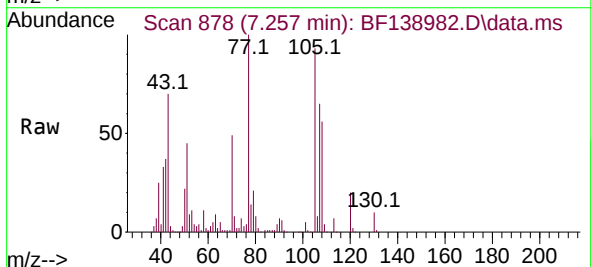
Manual Integrations

APPROVED

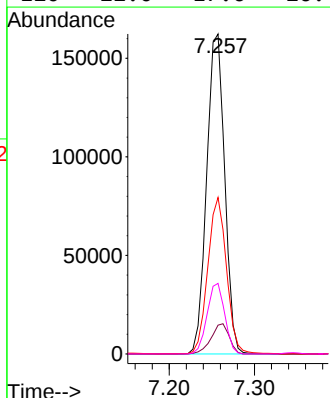
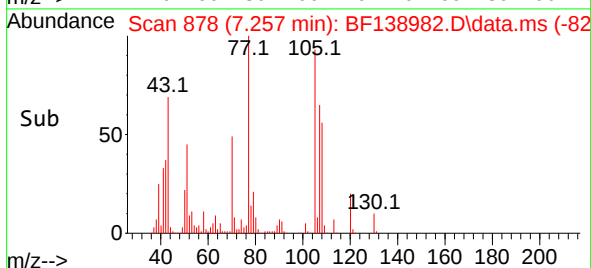
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 44.350 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:105 Resp: 238303
Ion Ratio Lower Upper
105 100
71 9.0 7.2 10.8
51 48.9 35.9 53.9
120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 86.286 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

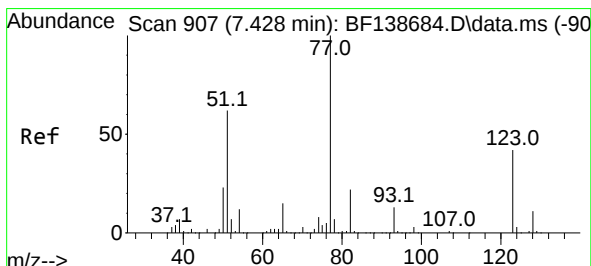
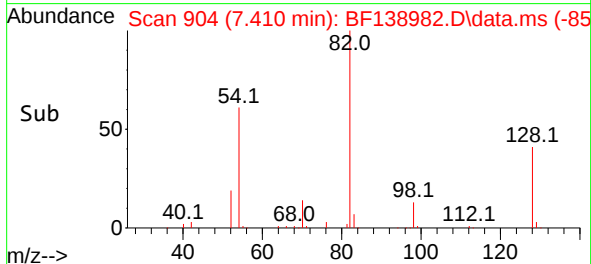
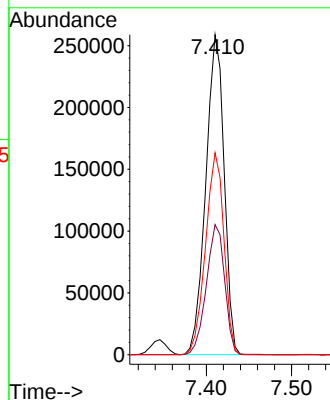
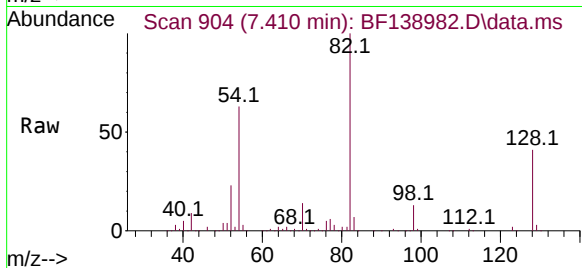
ClientSampleId :

PB162660BS

Tgt Ion: 82 Resp: 387298
 Ion Ratio Lower Upper
 82 100
 128 40.7 32.8 49.2
 54 63.1 48.3 72.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/14/2024



#24

Nitrobenzene

Concen: 44.255 ng

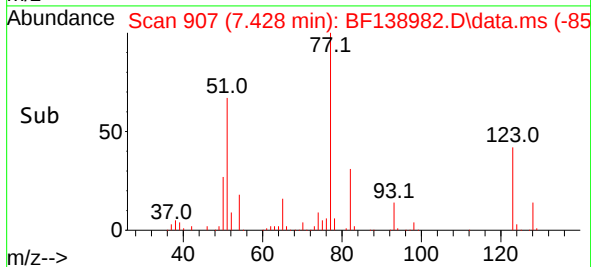
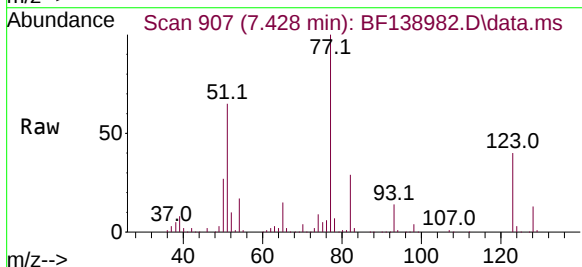
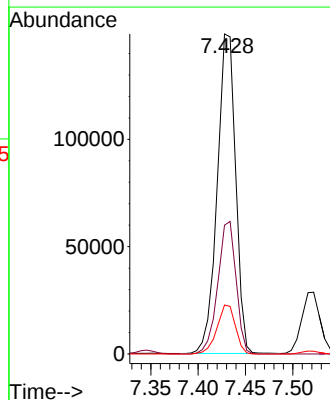
RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

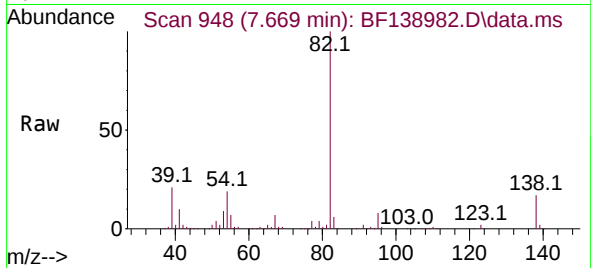
Tgt Ion: 77 Resp: 202129
 Ion Ratio Lower Upper
 77 100
 123 40.3 33.3 49.9
 65 15.3 11.9 17.9





#25
Isophorone
Concen: 46.389 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

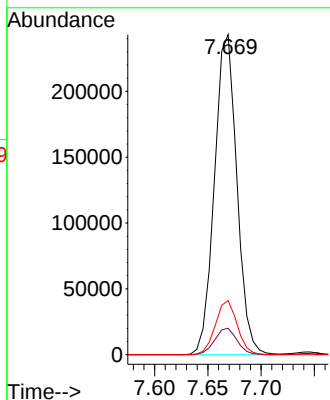
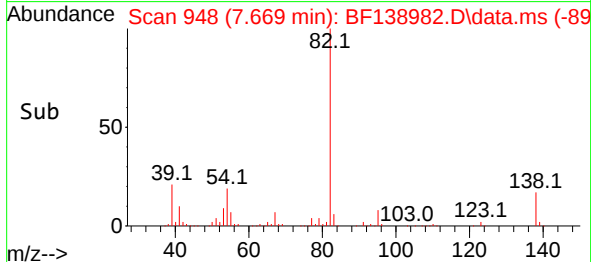
Instrument :
BNA_F
ClientSampleId :
PB162660BS



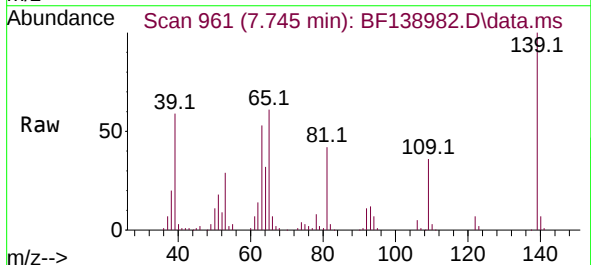
Tgt Ion: 82 Resp: 355549
Ion Ratio Lower Upper
82 100
95 8.3 5.7 8.5
138 16.9 13.7 20.5

Manual Integrations
APPROVED

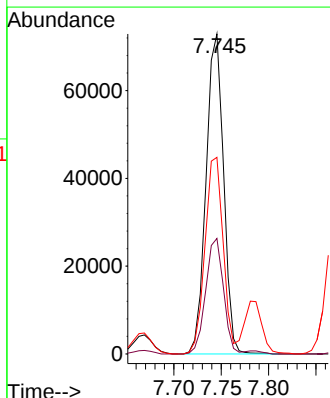
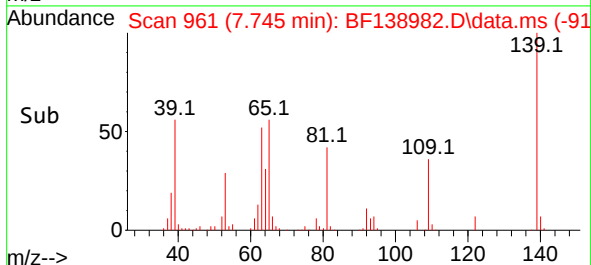
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

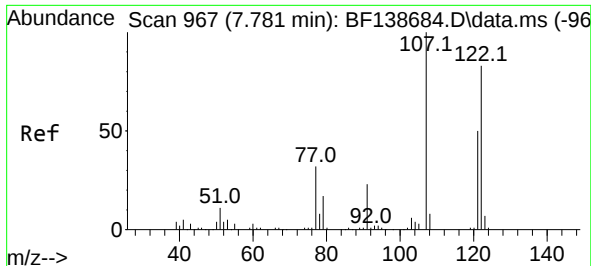


#26
2-Nitrophenol
Concen: 47.717 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:139 Resp: 93765
Ion Ratio Lower Upper
139 100
109 36.1 25.9 38.9
65 61.5 47.0 70.6





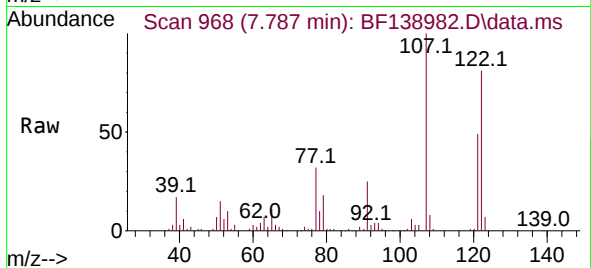
#27
2,4-Dimethylphenol
Concen: 50.163 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

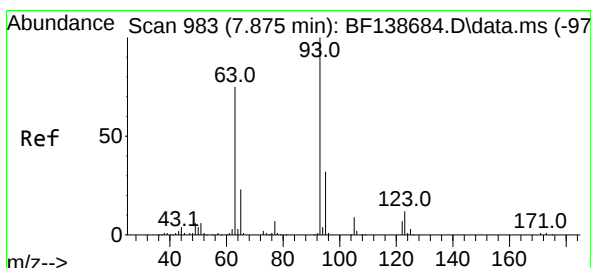
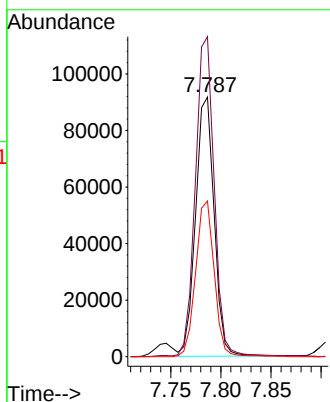
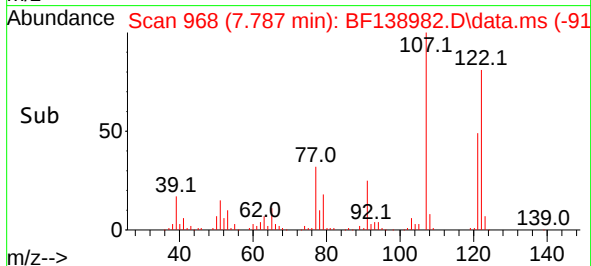


Tgt Ion:122 Resp: 117939
Ion Ratio Lower Upper
122 100
107 123.2 95.0 142.6
121 59.9 47.3 70.9

Manual Integrations

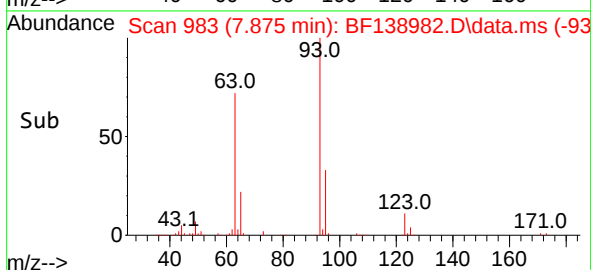
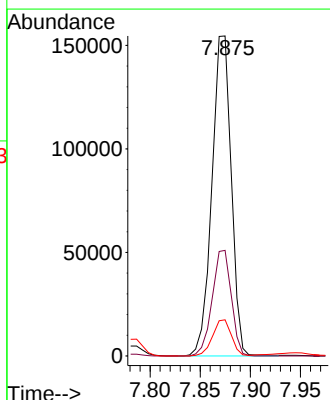
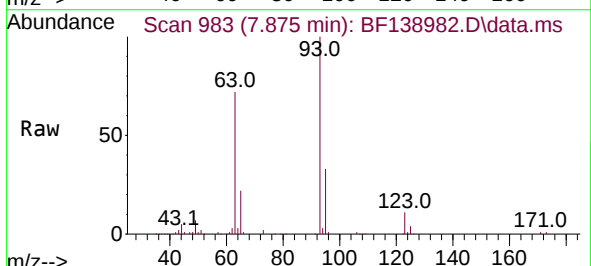
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.447 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion: 93 Resp: 207450
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.8
123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.631 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138982.D

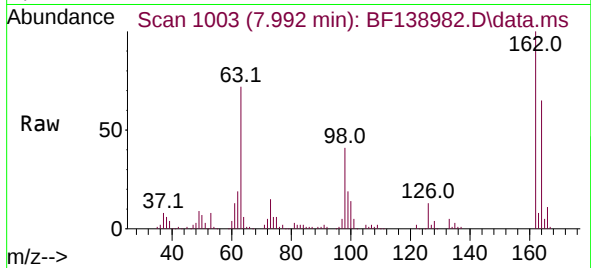
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS



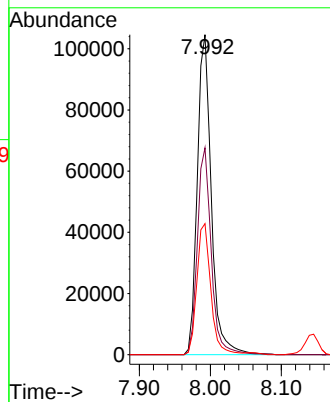
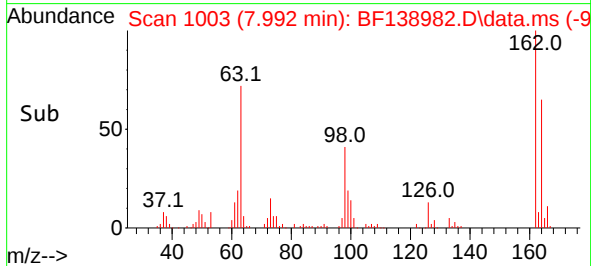
Tgt Ion:	162	Resp:	14390
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.7	84.7
98	41.0	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#30

1,2,4-Trichlorobenzene

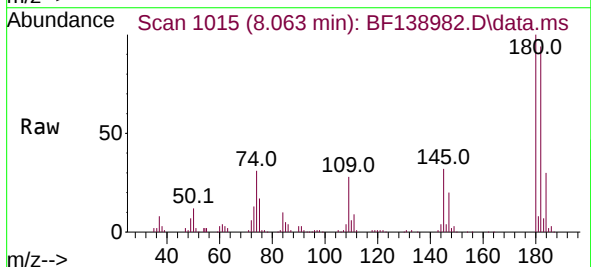
Concen: 44.858 ng

RT: 8.063 min Scan# 1015

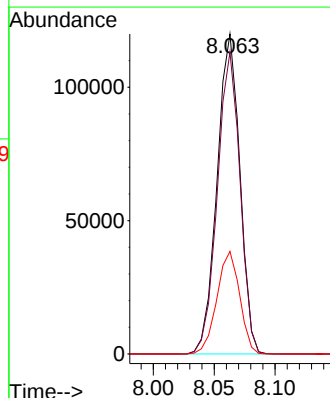
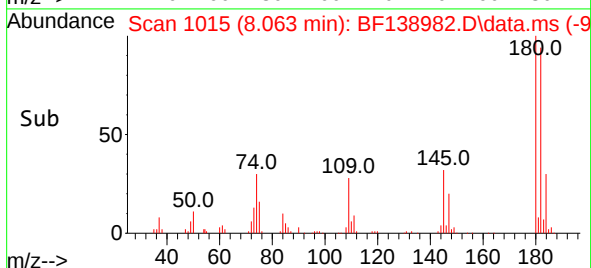
Delta R.T. -0.006 min

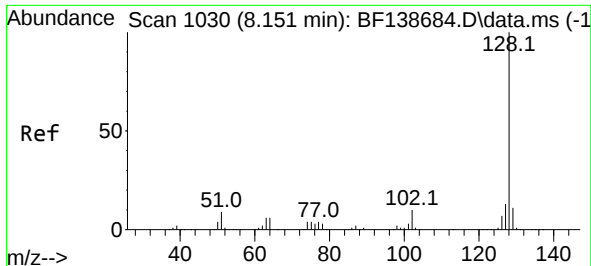
Lab File: BF138982.D

Acq: 13 Aug 2024 19:33



Tgt Ion:	180	Resp:	156395
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.9	115.3
145	32.1	25.0	37.4





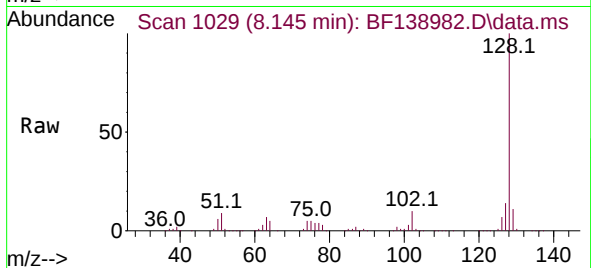
#31
Naphthalene
Concen: 44.363 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

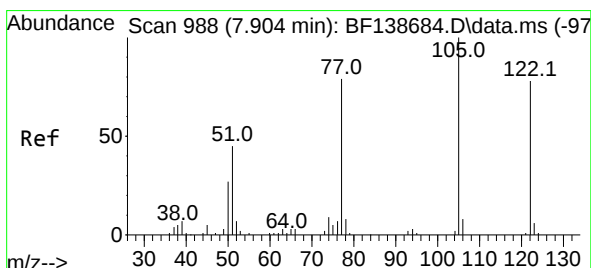
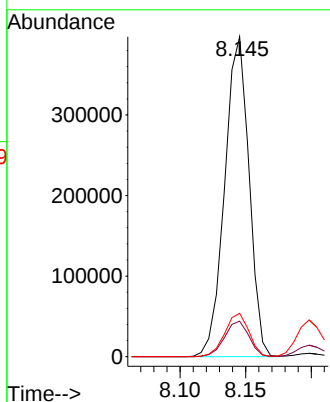
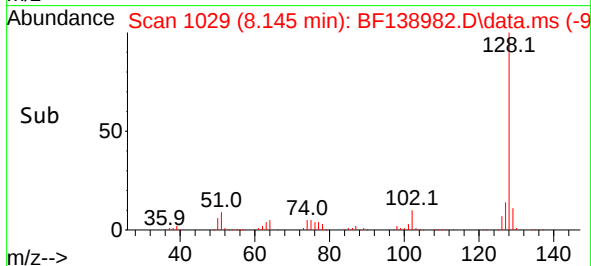


Tgt Ion:128 Resp: 512449
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.6 16.0

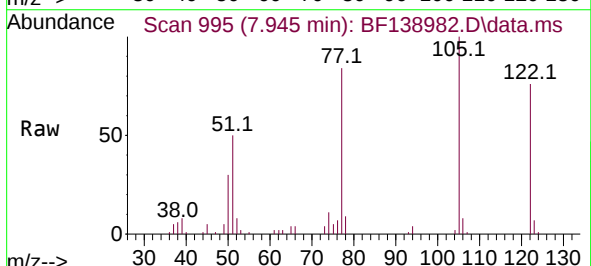
Manual Integrations

APPROVED

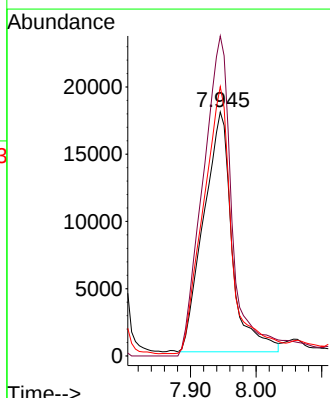
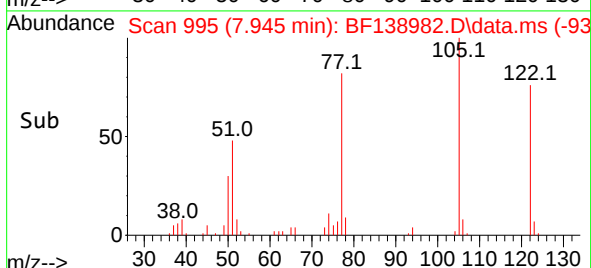
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#32
Benzoic acid
Concen: 29.083 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:122 Resp: 53750
Ion Ratio Lower Upper
122 100
105 131.2 106.7 146.7
77 110.4 81.1 121.1





#33
4-Chloroaniline
Concen: 20.071 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

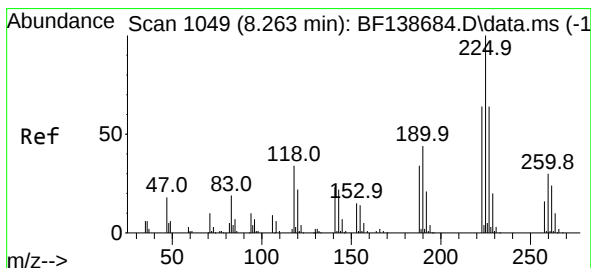
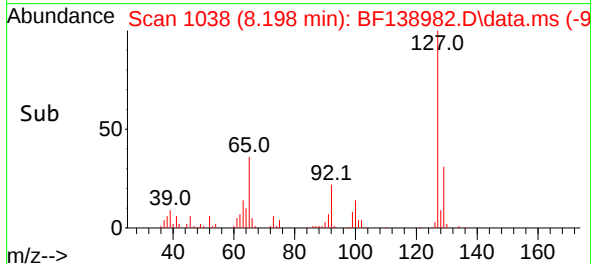
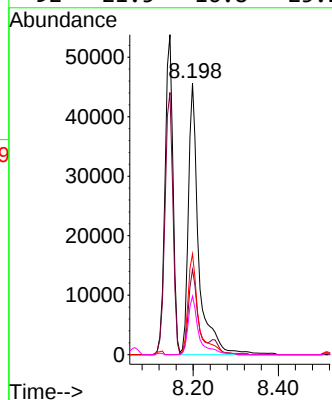
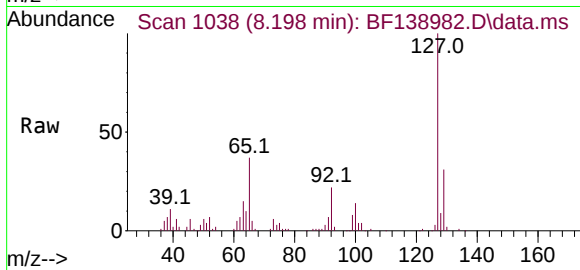
ClientSampleId :

PB162660BS

Tgt Ion:127 Resp: 77820
Ion Ratio Lower Upper
127 100
129 31.3 25.9 38.9
65 37.1 27.6 41.4
92 21.5 16.8 25.2

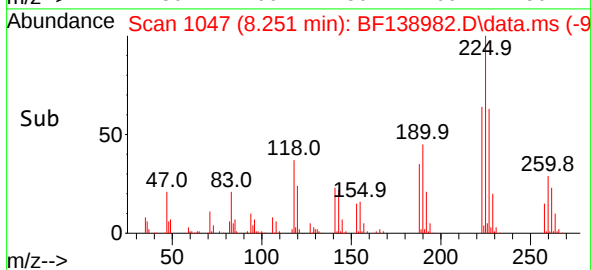
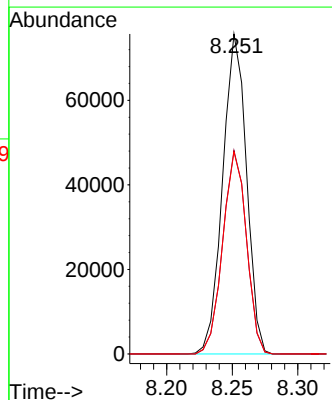
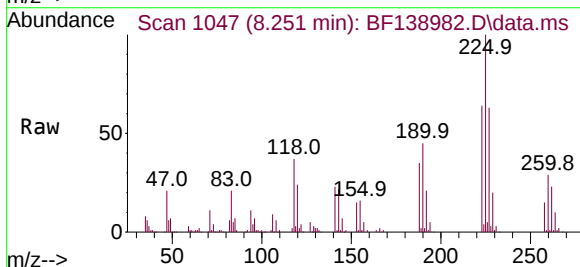
Manual Integrations
APPROVED

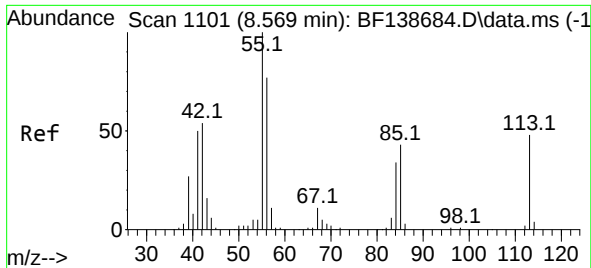
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 45.202 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

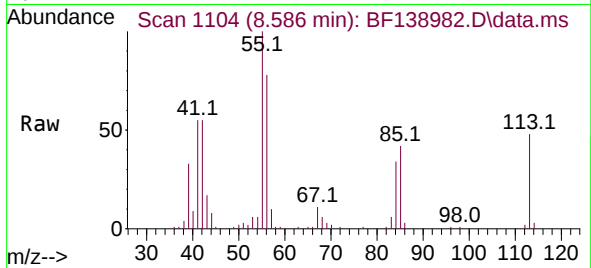
Tgt Ion:225 Resp: 95456
Ion Ratio Lower Upper
225 100
223 63.6 51.2 76.8
227 63.2 51.1 76.7





#35
Caprolactam
Concen: 44.657 ng m
RT: 8.586 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

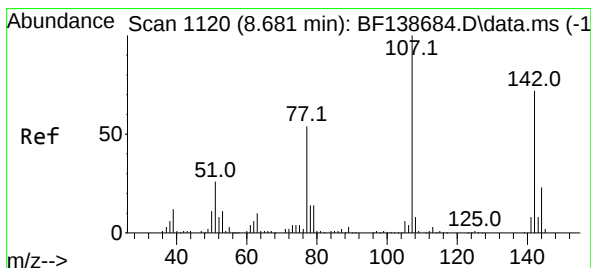
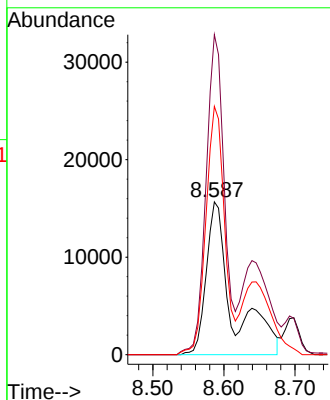
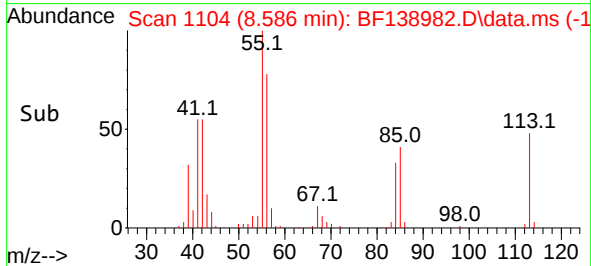
Instrument :
BNA_F
ClientSampleId :
PB162660BS



Tgt Ion:113 Resp: 4025
Ion Ratio Lower Upper
113 100
55 209.4 186.7 226.7
56 162.5 138.9 178.9

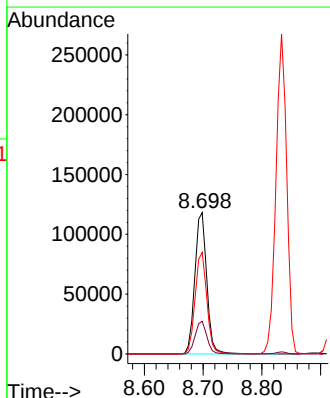
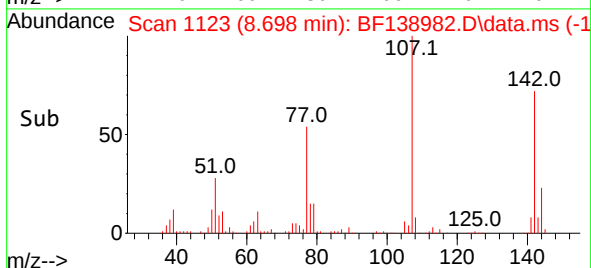
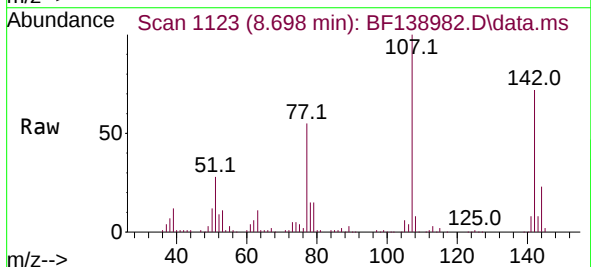
Manual Integrations
APPROVED

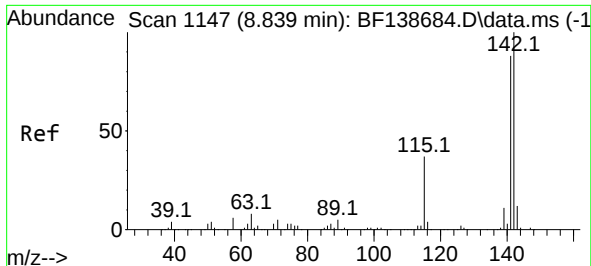
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#36
4-Chloro-3-methylphenol
Concen: 48.337 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

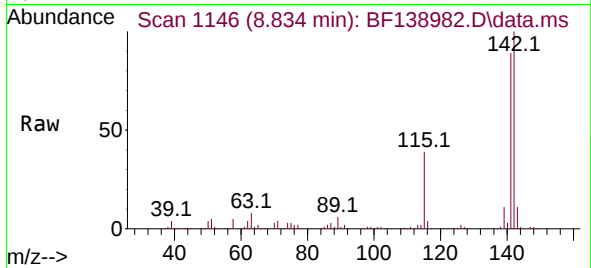
Tgt Ion:107 Resp: 166894
Ion Ratio Lower Upper
107 100
144 23.0 18.2 27.2
142 71.8 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.437 ng
RT: 8.834 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

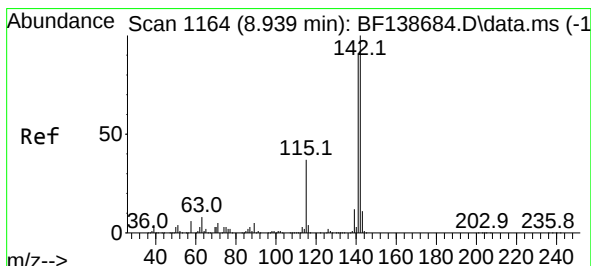
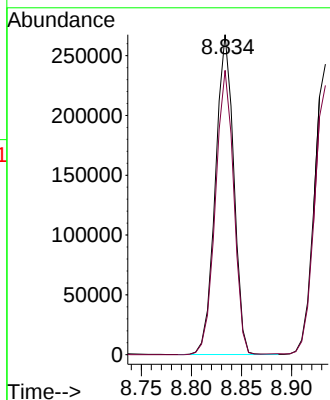
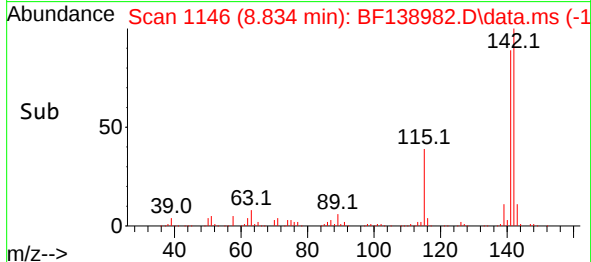
Instrument :
BNA_F
ClientSampleId :
PB162660BS



Tgt Ion:142 Resp: 33876
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2

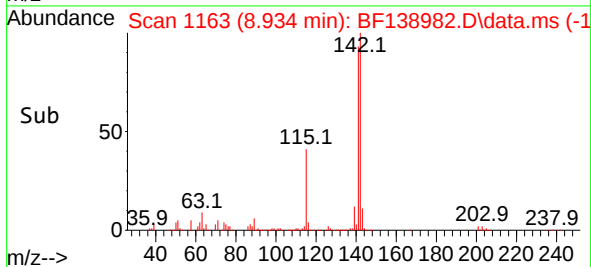
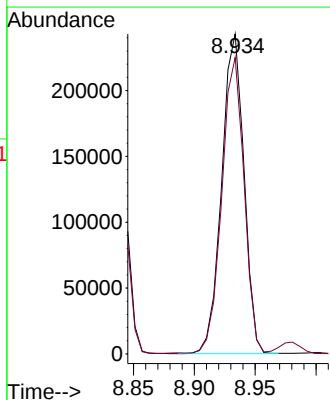
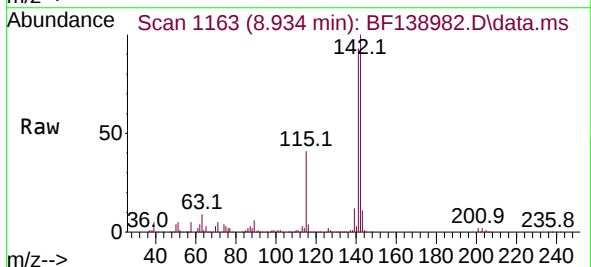
Manual Integrations
APPROVED

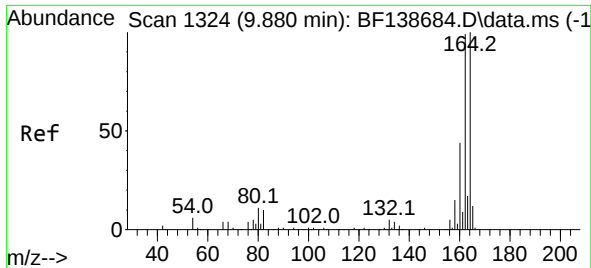
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#38
1-Methylnaphthalene
Concen: 43.194 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

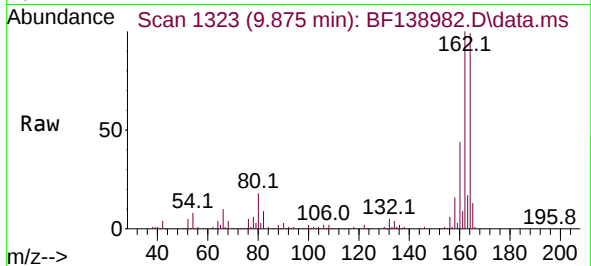
Tgt Ion:142 Resp: 308779
Ion Ratio Lower Upper
142 100
141 92.7 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1118
Delta R.T. -0.005 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

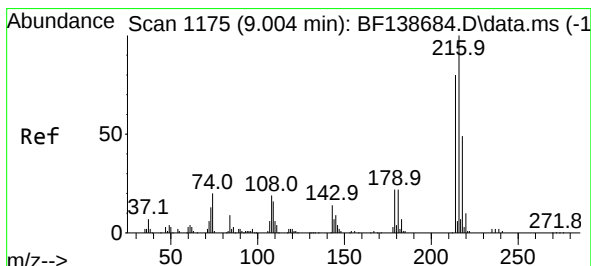
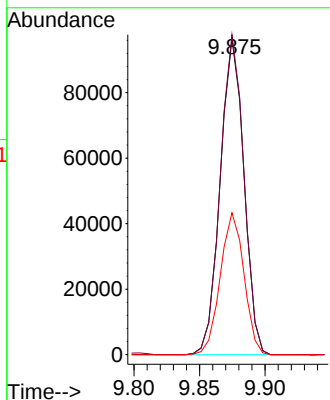
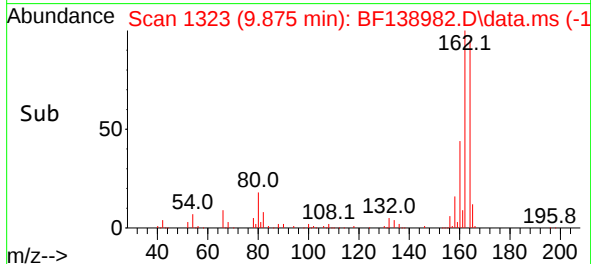
Instrument :
BNA_F
ClientSampleId :
PB162660BS



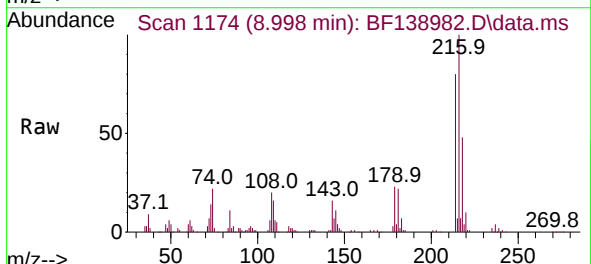
Tgt Ion:164 Resp: 121118
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 44.9 35.1 52.7

Manual Integrations
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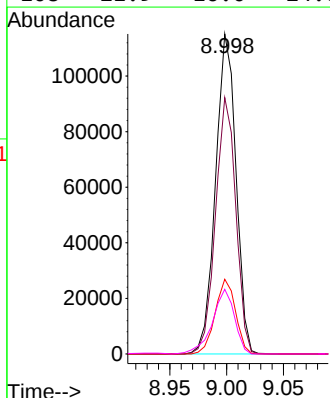
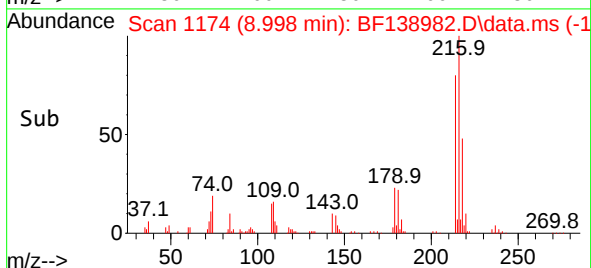
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.881 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:216 Resp: 144274
Ion Ratio Lower Upper
216 100
214 79.4 63.9 95.9
179 23.2 17.8 26.6
108 21.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 97.451 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

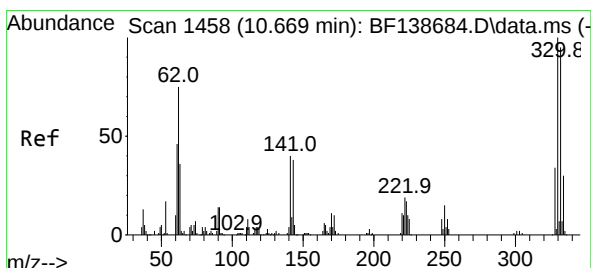
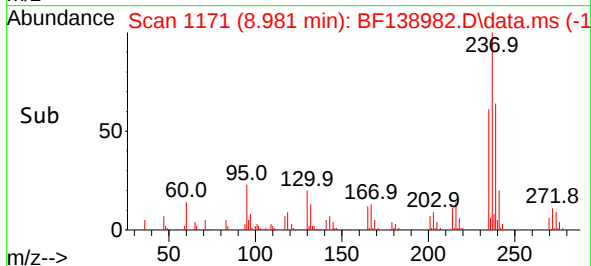
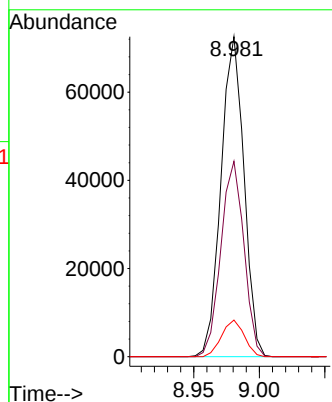
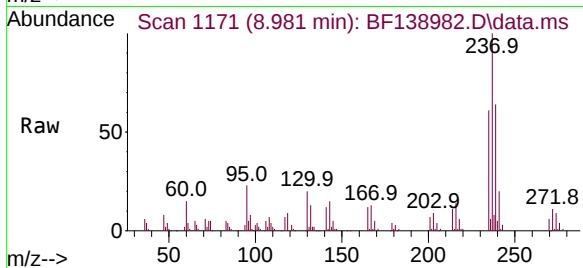
PB162660BS

Tgt Ion:237 Resp: 88260
Ion Ratio Lower Upper
237 100
235 61.1 41.8 81.8
272 11.4 0.0 32.2

Manual Integrations

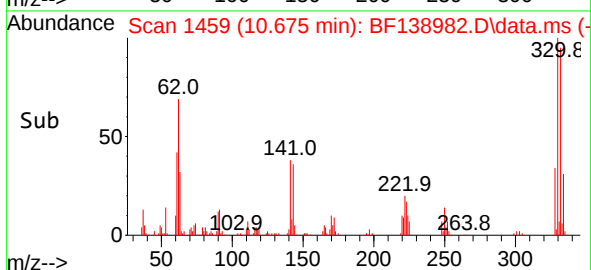
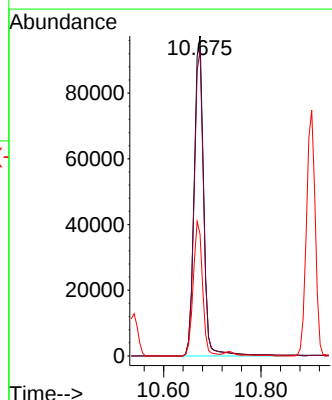
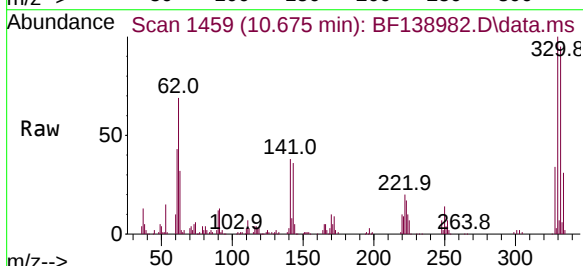
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#42
2,4,6-Tribromophenol
Concen: 133.668 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

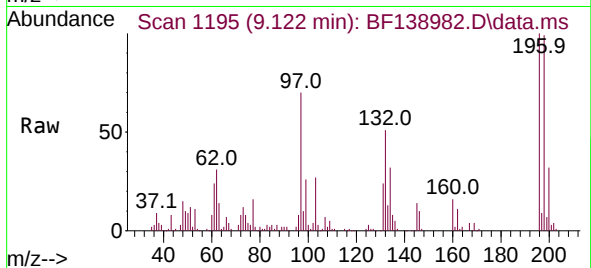
Tgt Ion:330 Resp: 132615
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 41.1 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 45.096 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

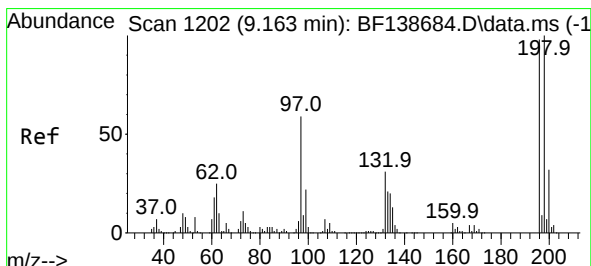
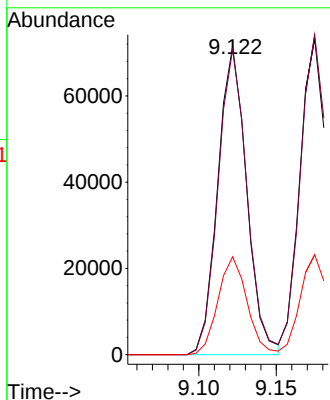
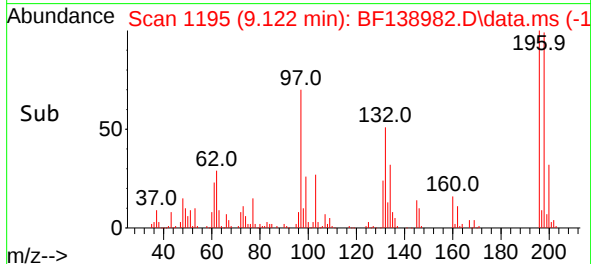
Instrument :
BNA_F
ClientSampleId :
PB162660BS



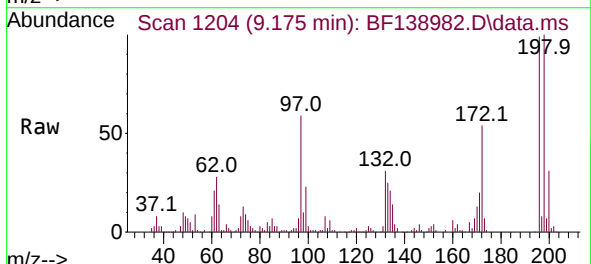
Tgt Ion:196 Resp: 92509
Ion Ratio Lower Upper
196 100
198 98.9 80.5 120.7
200 31.7 25.9 38.9

Manual Integrations
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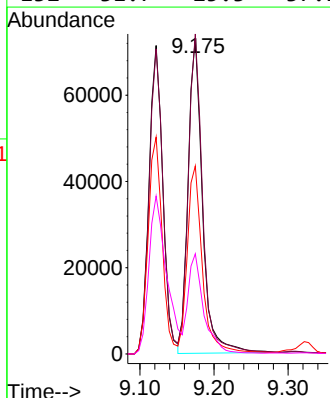
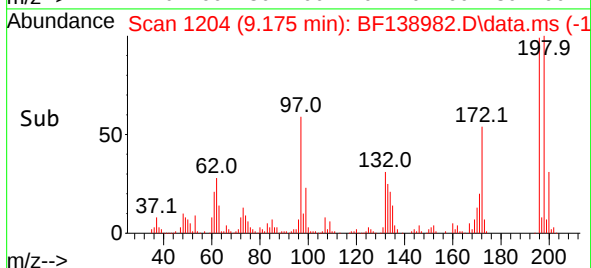
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#44
2,4,5-Trichlorophenol
Concen: 43.953 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:196 Resp: 98568
Ion Ratio Lower Upper
196 100
198 101.3 81.2 121.8
97 59.5 47.8 71.6
132 31.7 25.3 37.9





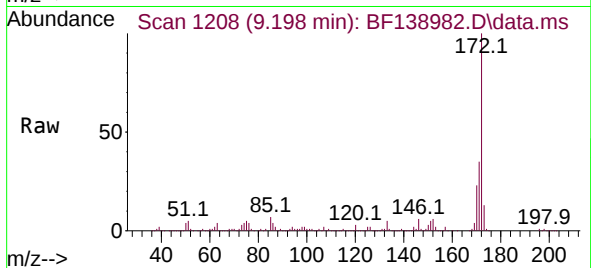
#45
2-Fluorobiphenyl
Concen: 87.896 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

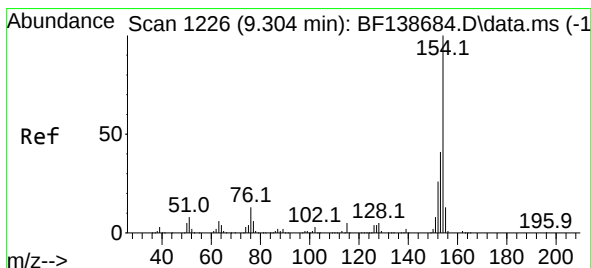
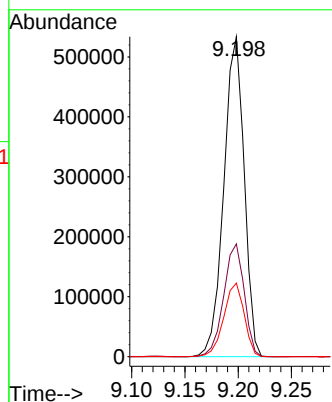
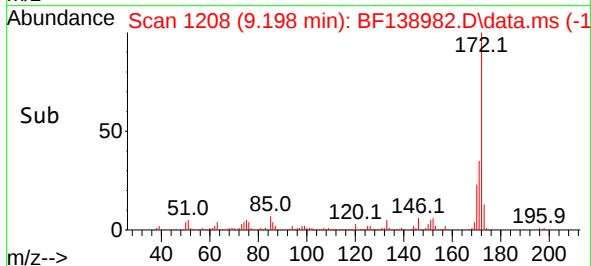


Tgt Ion:172 Resp: 708539
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.0 18.8 28.2

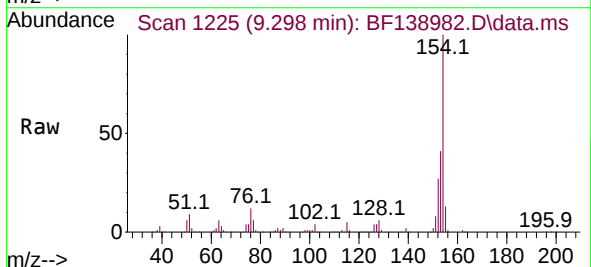
Manual Integrations

APPROVED

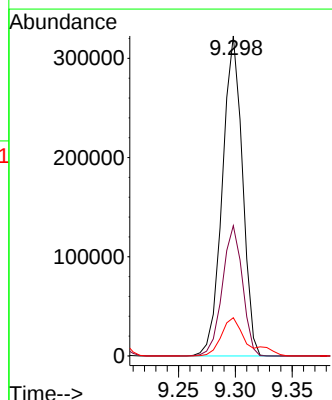
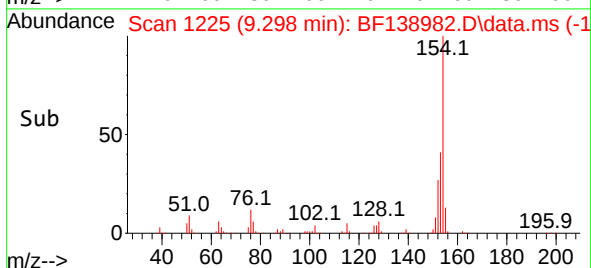
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#46
1,1'-Biphenyl
Concen: 41.859 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:154 Resp: 397066
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 44.090 ng

RT: 9.328 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

Tgt Ion:162 Resp: 31104

Ion Ratio Lower Upper

162 100

127 45.4 35.4 53.2

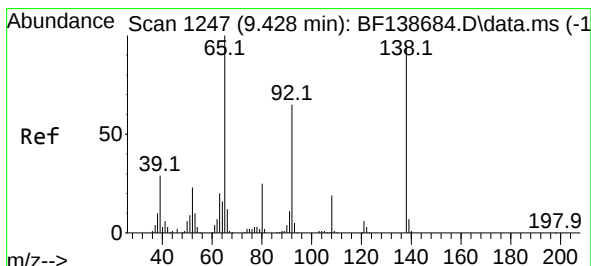
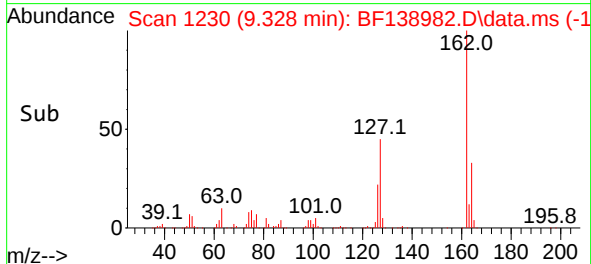
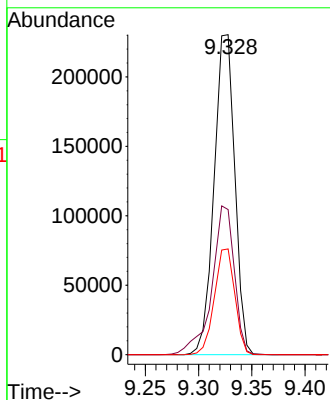
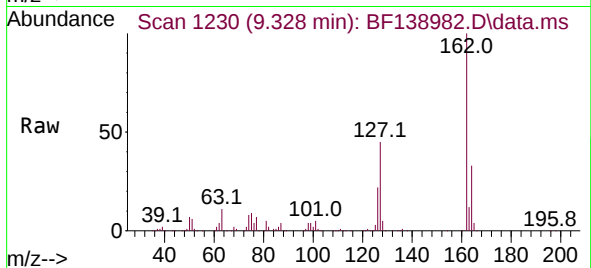
164 33.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#48

2-Nitroaniline

Concen: 48.237 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

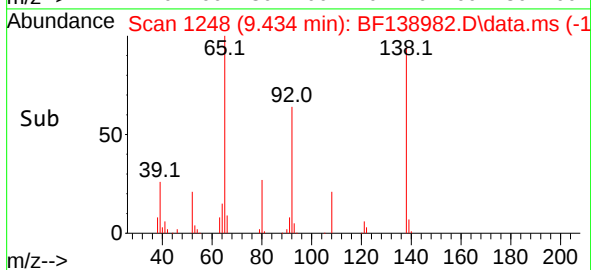
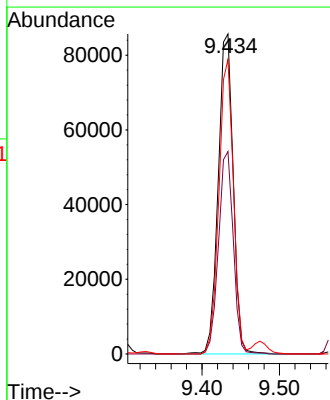
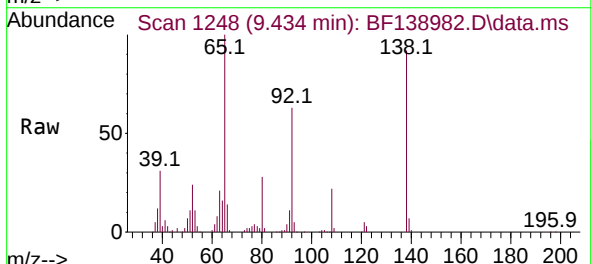
Tgt Ion: 65 Resp: 115368

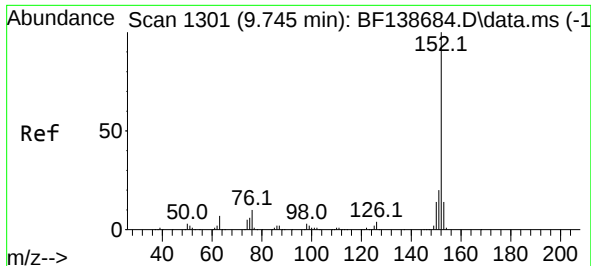
Ion Ratio Lower Upper

65 100

92 63.3 52.0 78.0

138 92.1 76.2 114.4





#49
Acenaphthylene
Concen: 49.155 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

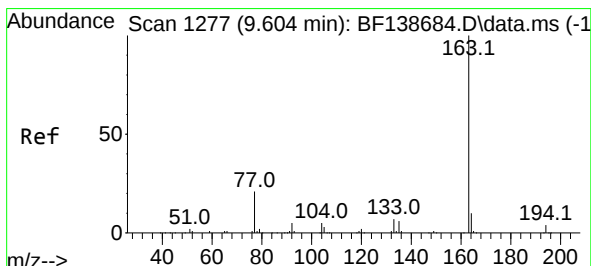
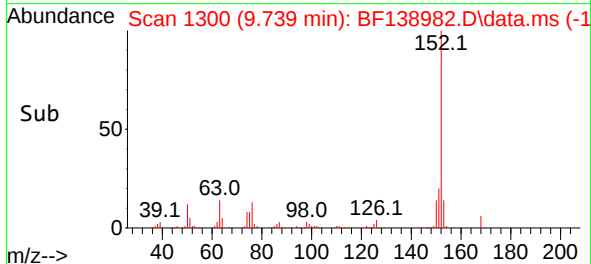
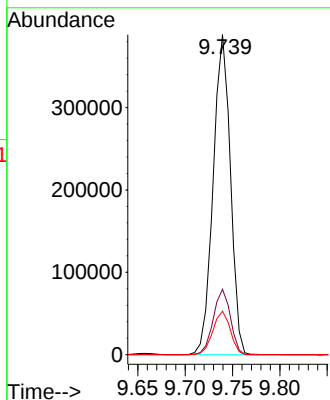
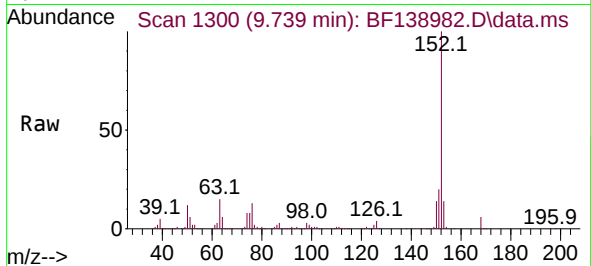
ClientSampleId :

PB162660BS

Tgt Ion:152 Resp: 49184
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.6 11.0 16.4

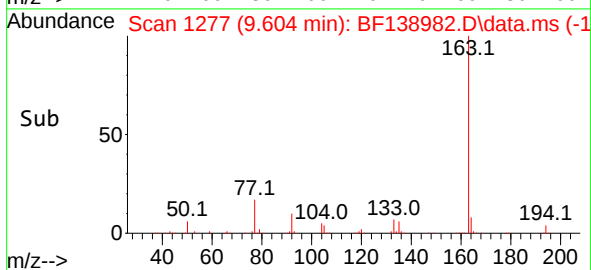
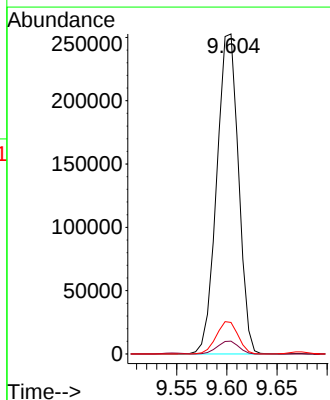
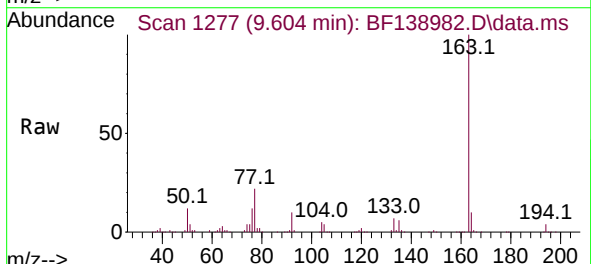
Manual Integrations
APPROVED

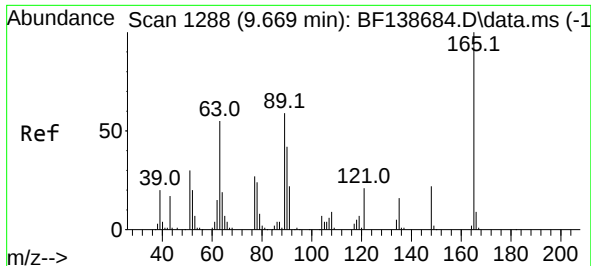
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#50
Dimethylphthalate
Concen: 49.166 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:163 Resp: 380765
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.8 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 46.993 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

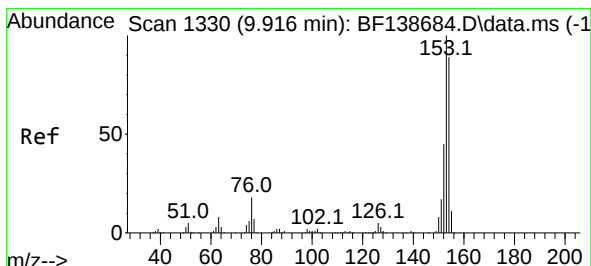
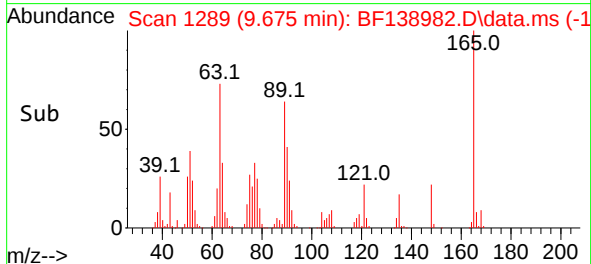
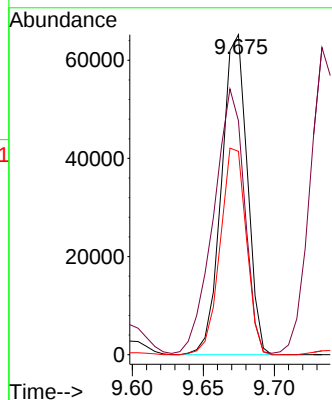
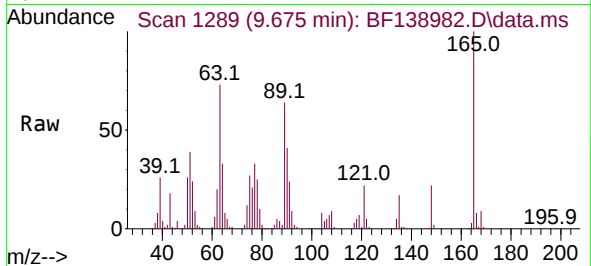
ClientSampleId :

PB162660BS

Tgt Ion:165 Resp: 82134
Ion Ratio Lower Upper
165 100
63 73.1 52.0 78.0
89 63.6 47.0 70.6

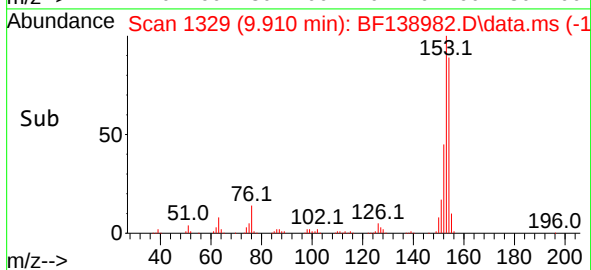
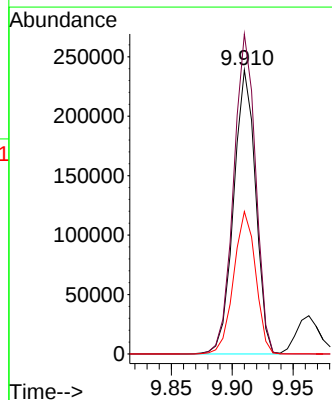
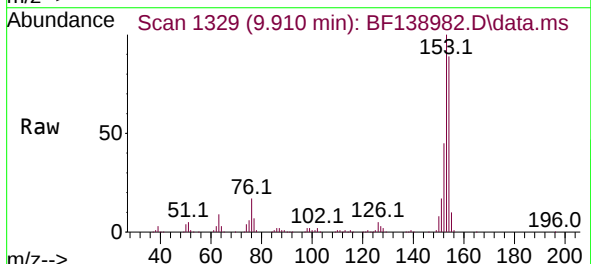
Manual Integrations
APPROVED

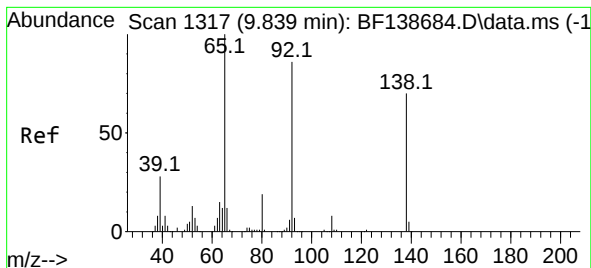
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#52
Acenaphthene
Concen: 44.580 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:154 Resp: 299852
Ion Ratio Lower Upper
154 100
153 112.7 89.9 134.9
152 50.2 40.6 60.8





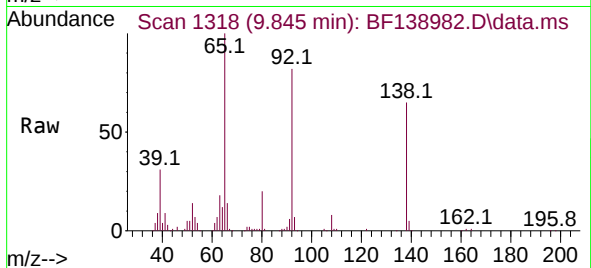
#53
3-Nitroaniline
Concen: 30.684 ng
RT: 9.845 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

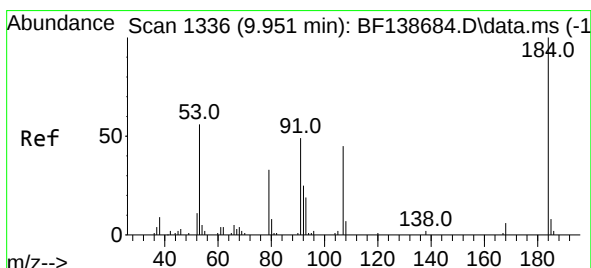
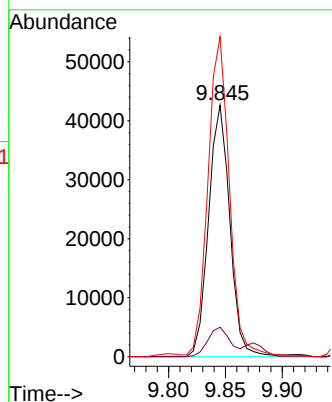
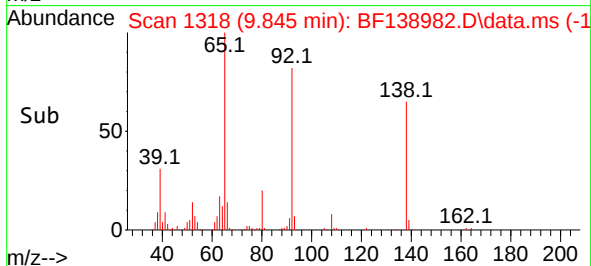


Tgt Ion:138 Resp: 55440
Ion Ratio Lower Upper
138 100
108 11.7 9.1 13.7
92 127.3 98.7 148.1

Manual Integrations

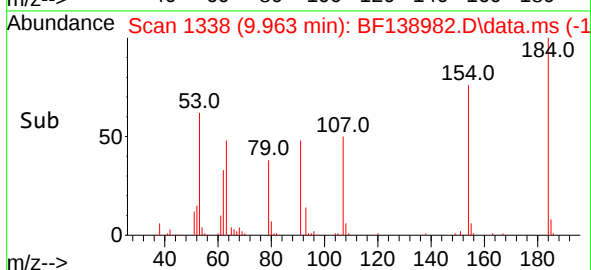
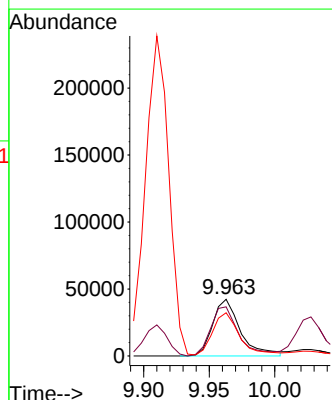
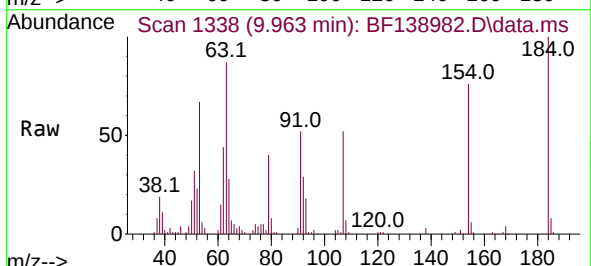
APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 77.298 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:184 Resp: 62191
Ion Ratio Lower Upper
184 100
63 86.7 57.5 86.3#
154 76.1 51.7 77.5





#55
Dibenzenofuran
Concen: 47.172 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

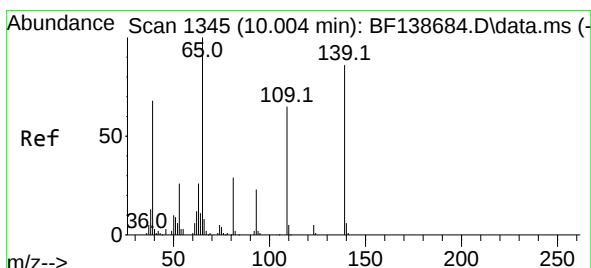
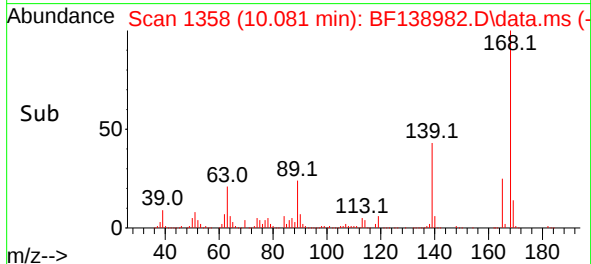
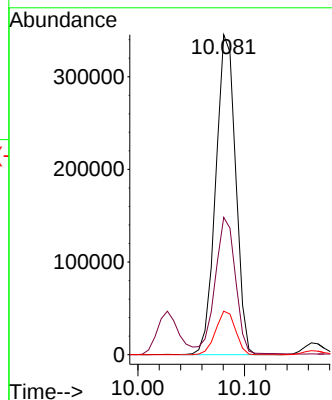
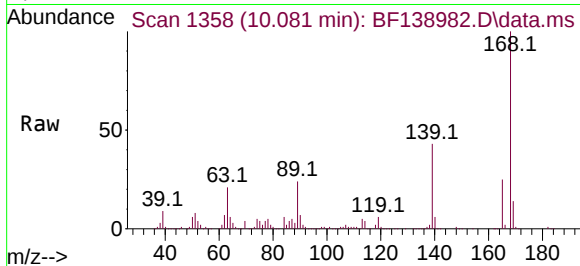
ClientSampleId :

PB162660BS

Tgt Ion:168 Resp: 44788
Ion Ratio Lower Upper
168 100
139 42.9 32.6 49.0
169 13.6 10.7 16.1

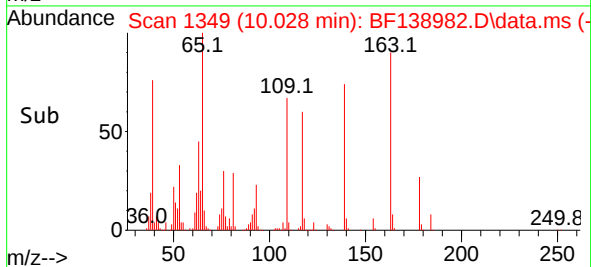
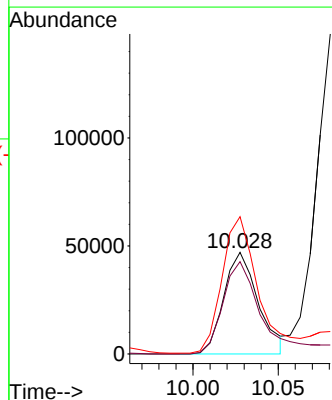
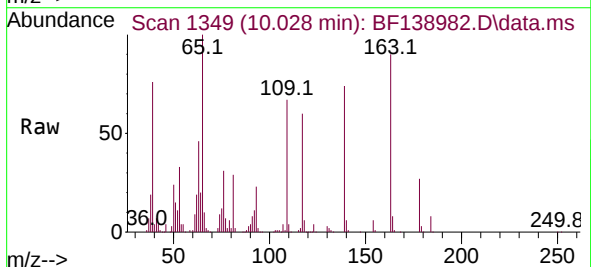
Manual Integrations
APPROVED

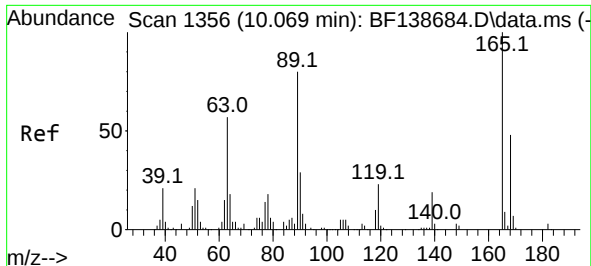
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 60.961 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:139 Resp: 66236
Ion Ratio Lower Upper
139 100
109 90.9 55.5 95.5
65 135.1 96.7 136.7





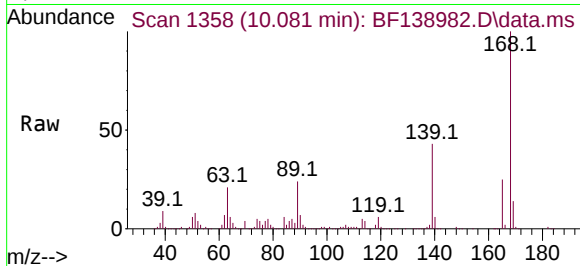
#57
2,4-Dinitrotoluene
Concen: 48.871 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS



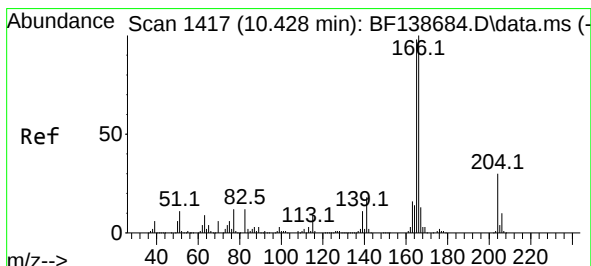
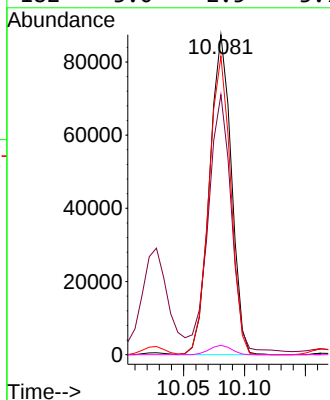
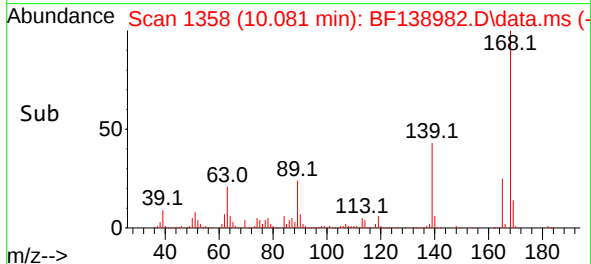
Tgt Ion:165 Resp: 108970
Ion Ratio Lower Upper
165 100
63 81.3 46.3 69.5
89 93.3 64.2 96.4
182 3.0 2.5 3.7

Manual Integrations

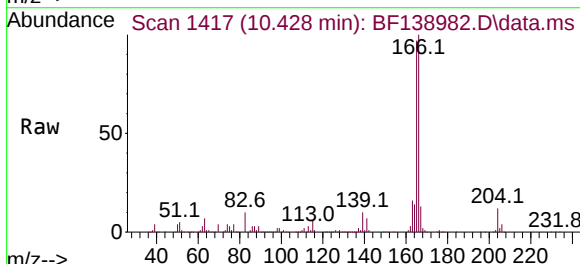
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

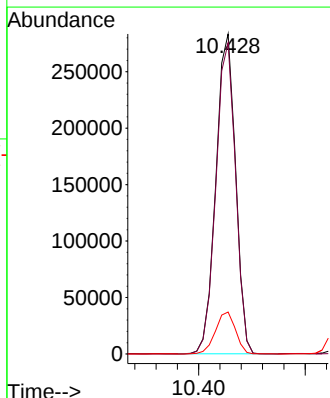
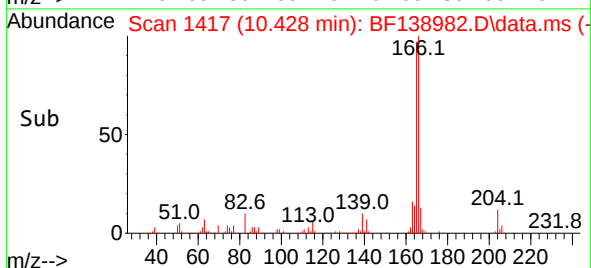
Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 47.992 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



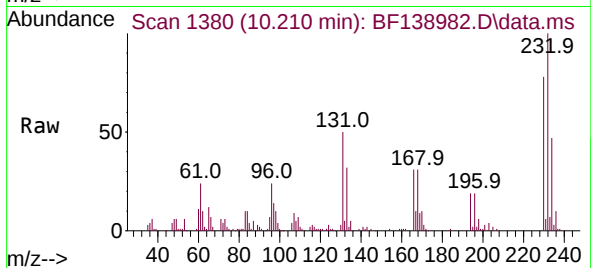
Tgt Ion:166 Resp: 362865
Ion Ratio Lower Upper
166 100
165 97.2 78.4 117.6
167 13.1 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.946 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

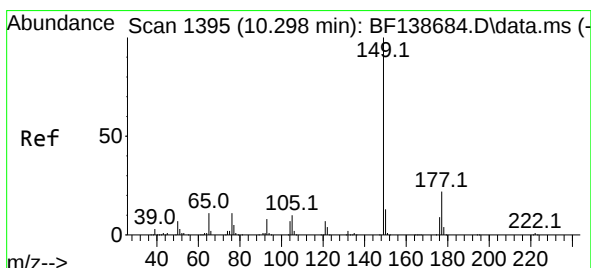
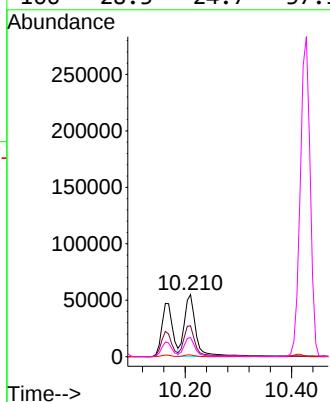
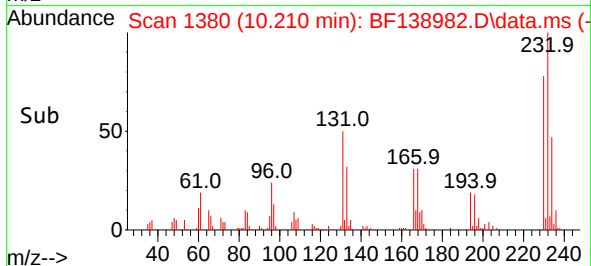
Instrument :
BNA_F
ClientSampleId :
PB162660BS



Tgt Ion:232 Resp: 8220
Ion Ratio Lower Upper
232 100
131 49.4 37.0 55.4
130 2.8 2.0 3.0
166 28.3 24.7 37.1

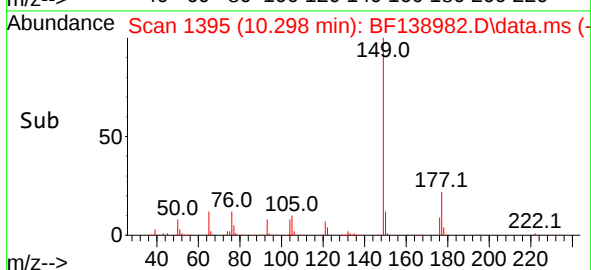
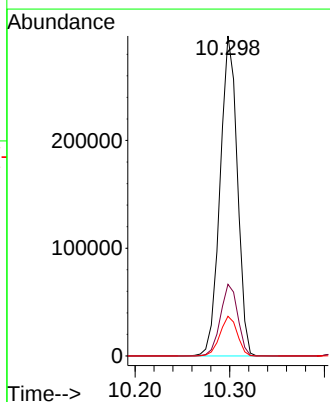
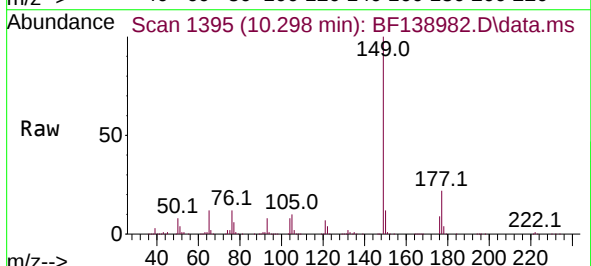
Manual Integrations
APPROVED

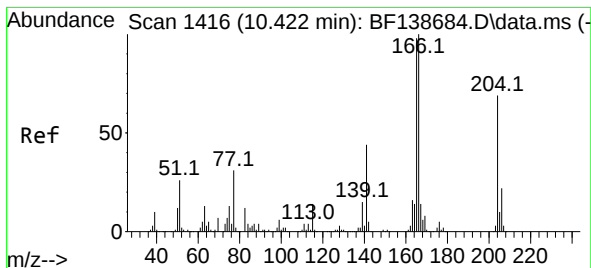
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#60
Diethylphthalate
Concen: 51.278 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:149 Resp: 376536
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.358 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

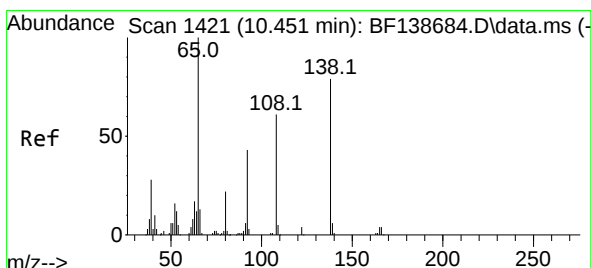
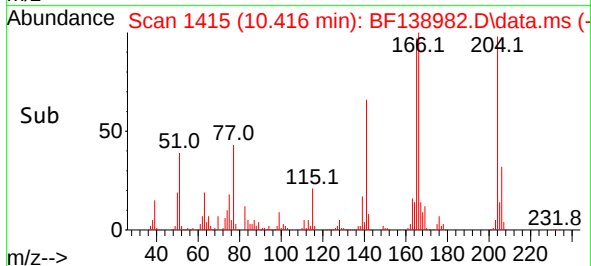
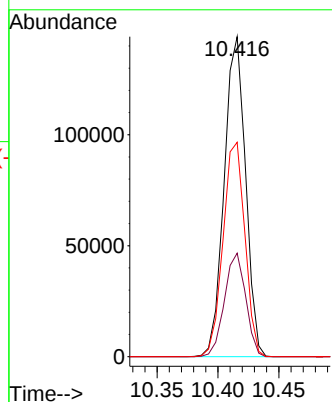
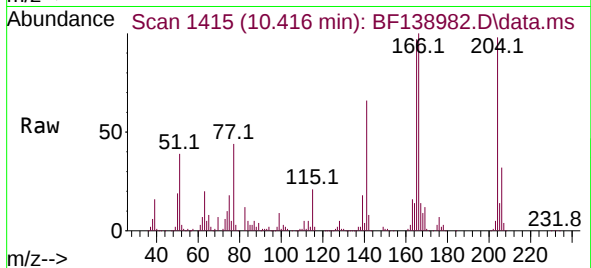
PB162660BS

Tgt Ion:204 Resp: 17610
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 67.0 51.4 77.0

Manual Integrations

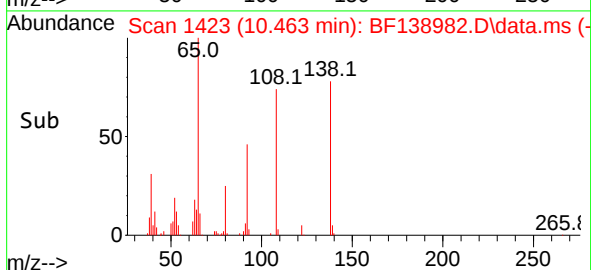
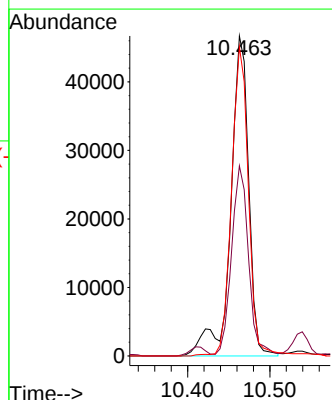
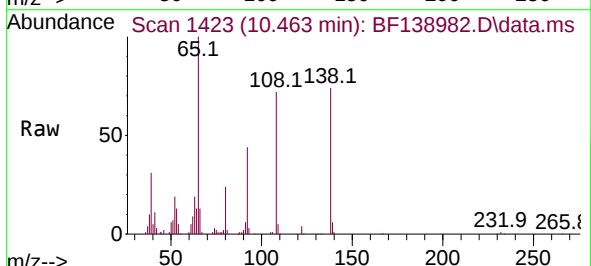
APPROVED

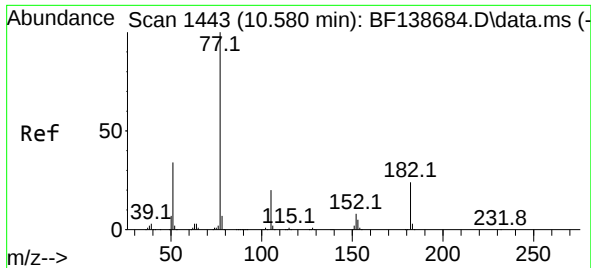
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 41.389 ng m
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

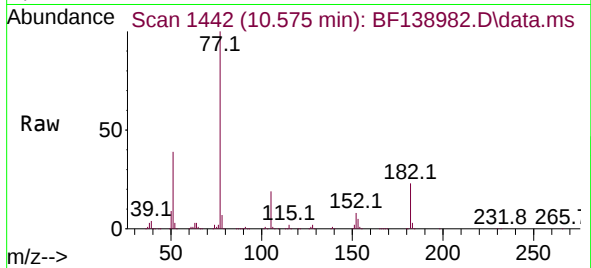
Tgt Ion:138 Resp: 71066
Ion Ratio Lower Upper
138 100
92 59.4 34.2 74.2
108 96.6 56.2 96.2#





#63
Azobenzene
Concen: 47.954 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

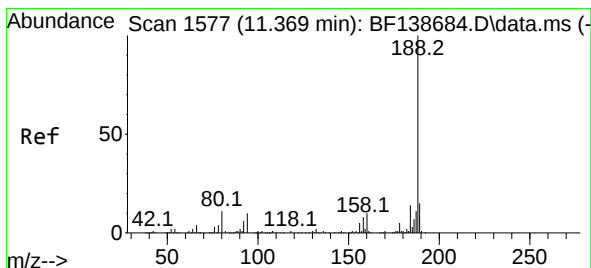
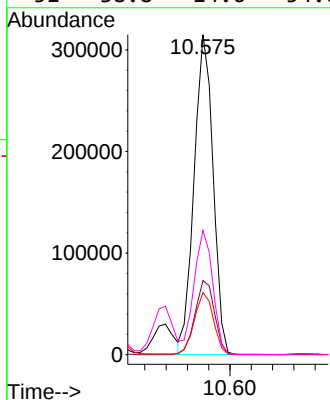
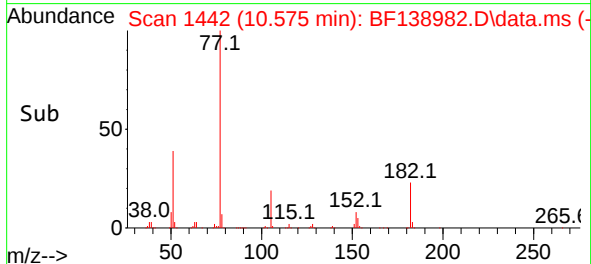
Instrument :
BNA_F
ClientSampleId :
PB162660BS



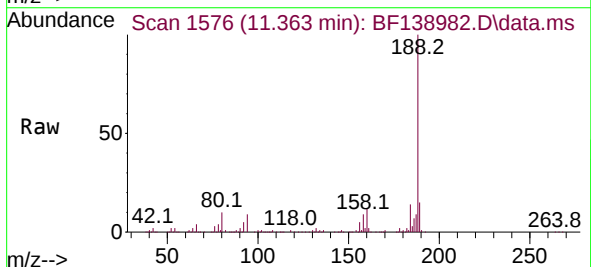
Tgt Ion: 77 Resp: 39054
Ion Ratio Lower Upper
77 100
182 23.2 3.4 43.4
105 19.4 0.2 40.2
51 38.8 14.6 54.6

Manual Integrations
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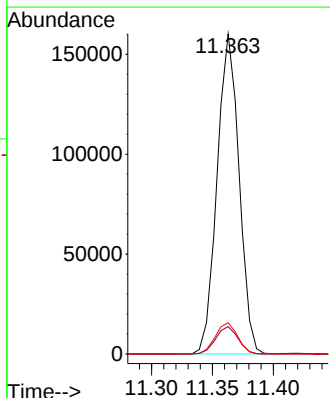
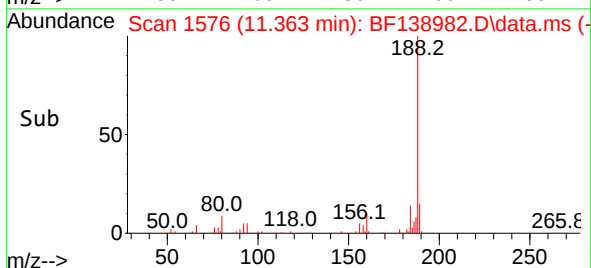
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

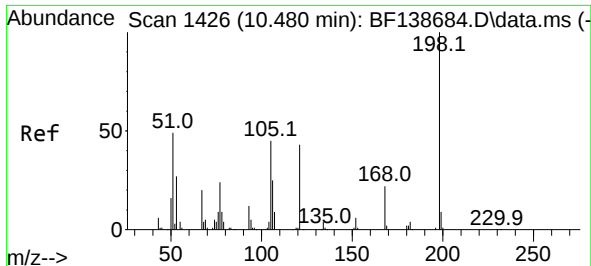


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:188 Resp: 201290
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 9.8 8.6 12.8





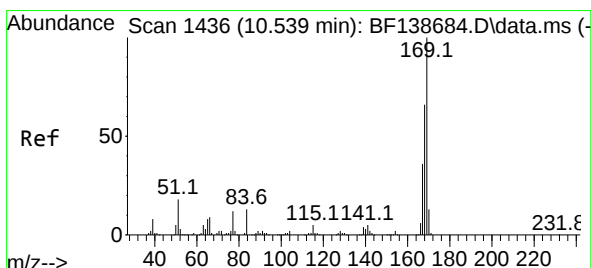
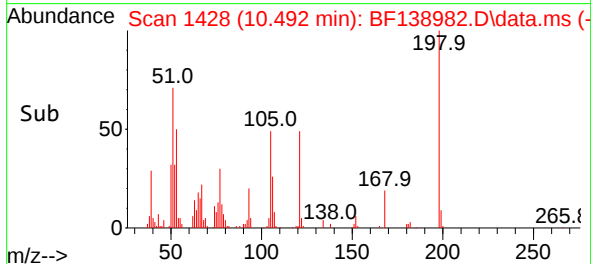
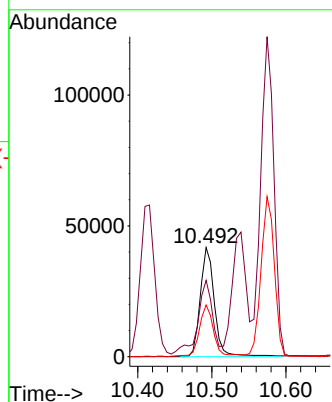
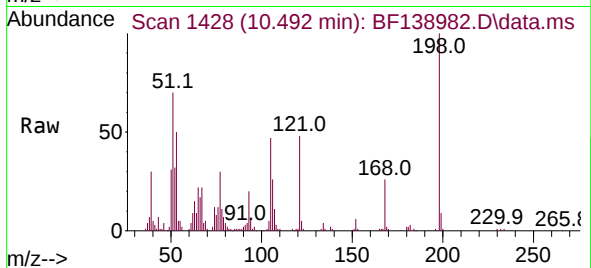
#65
4,6-Dinitro-2-methylphenol
Concen: 45.205 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :
BNA_F
ClientSampleId :
PB162660BS

Tgt Ion:198 Resp: 5551
Ion Ratio Lower Upper
198 100
51 69.9 39.9 79.9
105 47.4 26.1 66.1

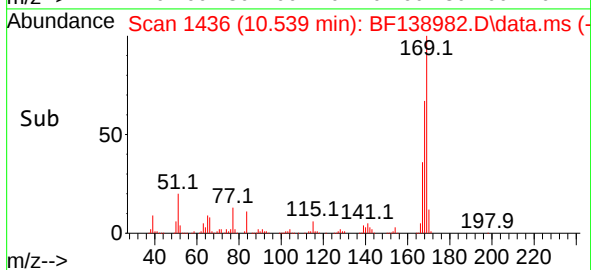
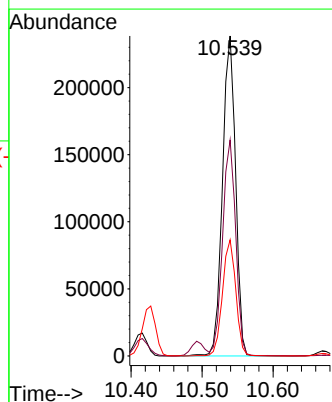
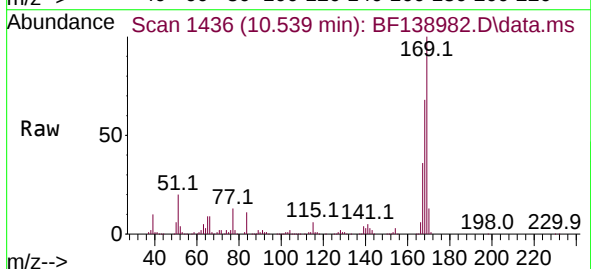
Manual Integrations
APPROVED

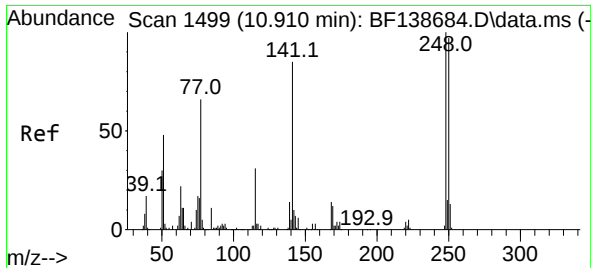
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 48.271 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

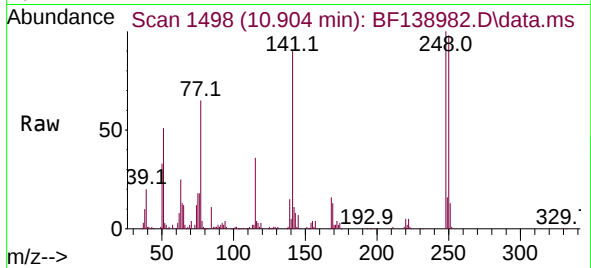
Tgt Ion:169 Resp: 303717
Ion Ratio Lower Upper
169 100
168 67.5 53.0 79.6
167 36.3 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.681 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

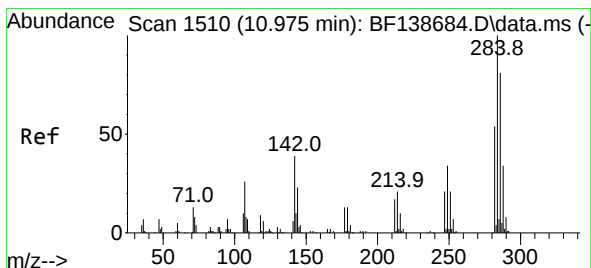
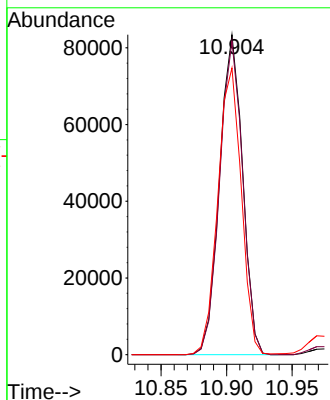
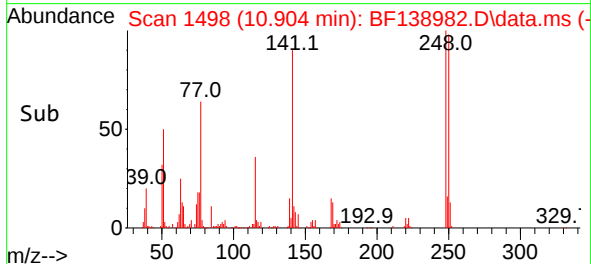
Instrument :
BNA_F
ClientSampleId :
PB162660BS



Tgt Ion:248 Resp: 10173
Ion Ratio Lower Upper
248 100
250 98.0 77.7 116.5
141 89.6 68.0 102.0

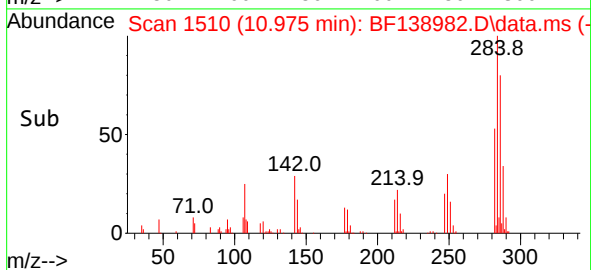
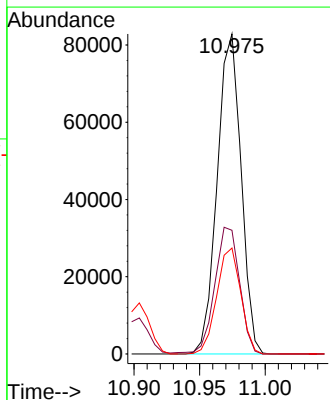
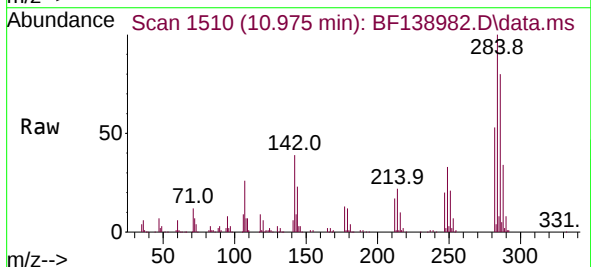
Manual Integrations
APPROVED

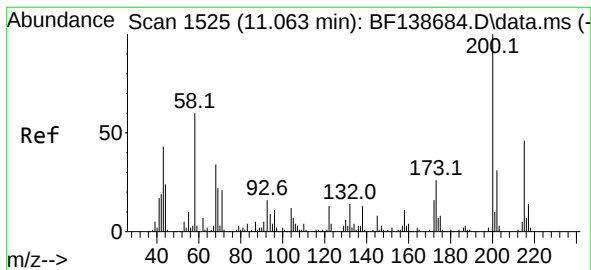
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#68
Hexachlorobenzene
Concen: 46.522 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:284 Resp: 104683
Ion Ratio Lower Upper
284 100
142 38.7 31.3 46.9
249 33.1 27.2 40.8





#69

Atrazine

Concen: 55.338 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

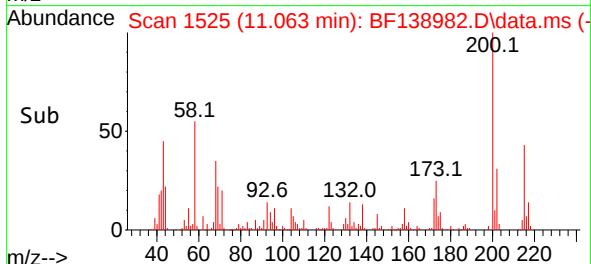
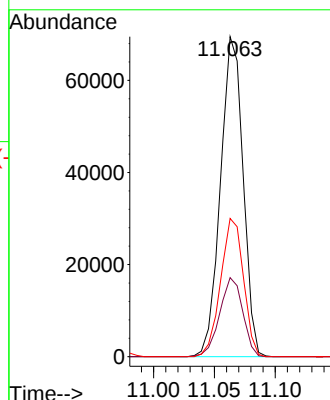
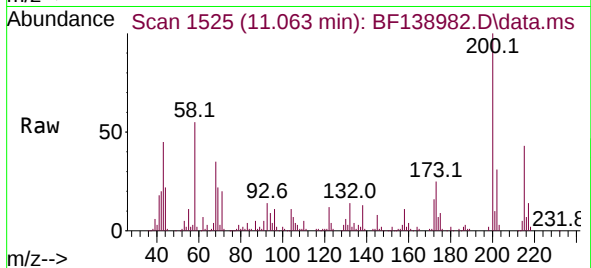
Tgt Ion:200 Resp: 8983
 Ion Ratio Lower Upper
 200 100
 173 24.7 6.0 46.0
 215 43.2 26.1 66.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 65.542 ng

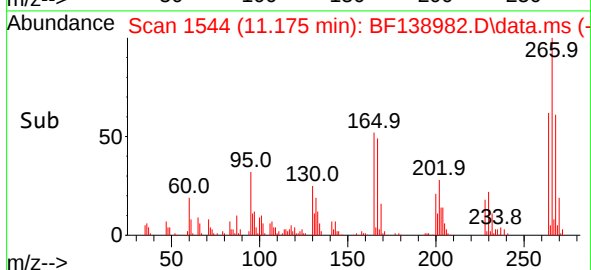
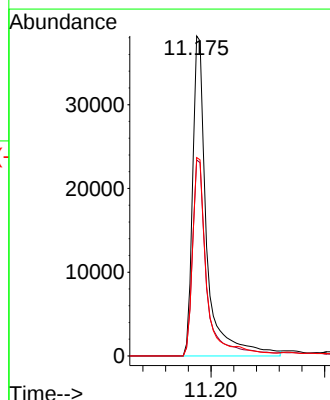
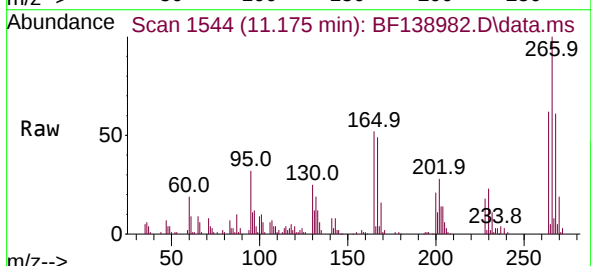
RT: 11.175 min Scan# 1544

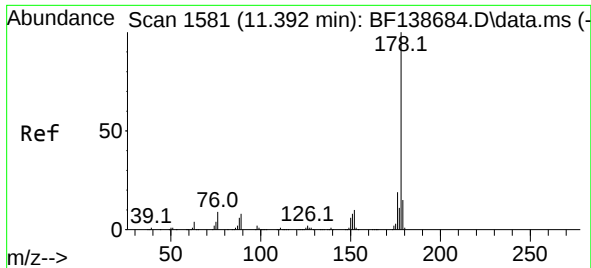
Delta R.T. -0.000 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

Tgt Ion:266 Resp: 66476
 Ion Ratio Lower Upper
 266 100
 268 61.3 49.2 73.8
 264 62.0 49.8 74.6





#71
Phenanthrene
Concen: 48.458 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

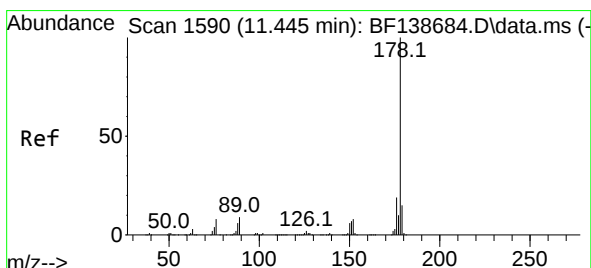
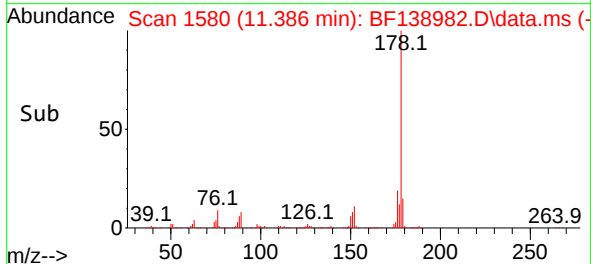
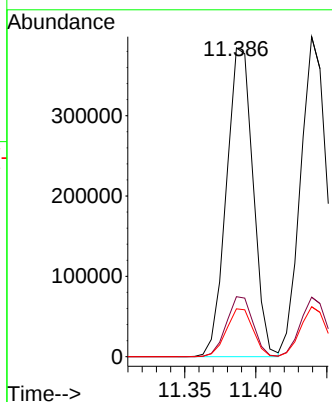
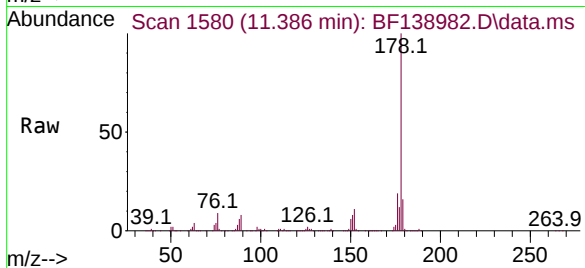
ClientSampleId :

PB162660BS

Tgt Ion:178 Resp: 50225
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.5 12.2 18.2

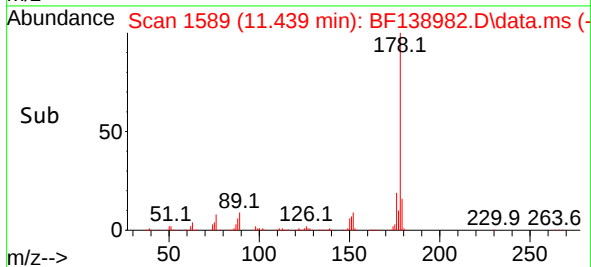
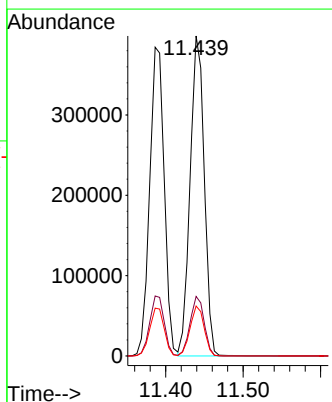
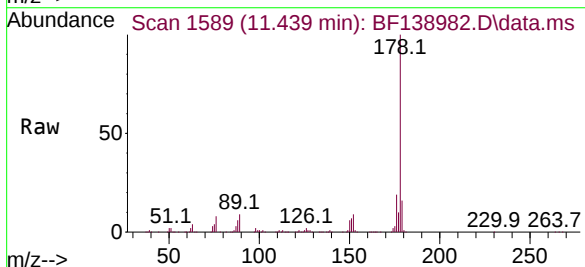
Manual Integrations
APPROVED

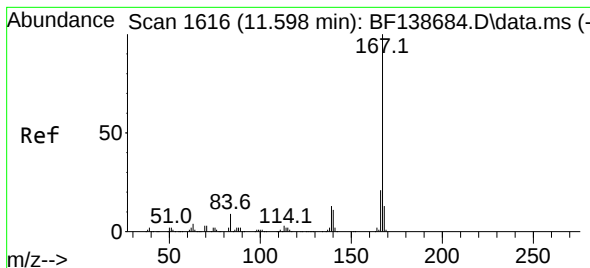
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#72
Anthracene
Concen: 49.455 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:178 Resp: 504976
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.6 12.4 18.6





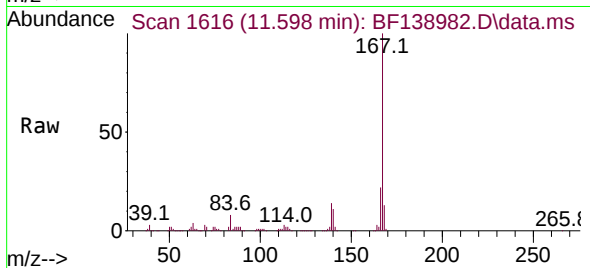
#73
 Carbazole
 Concen: 45.131 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138982.D
 Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS



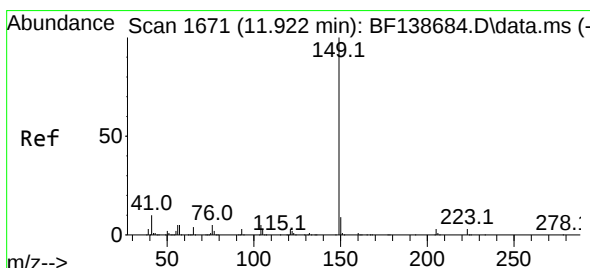
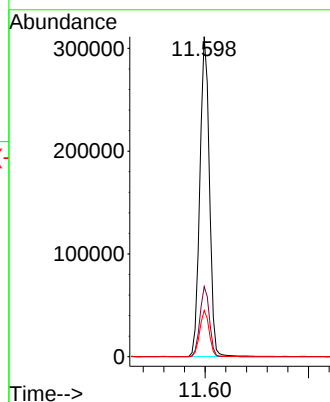
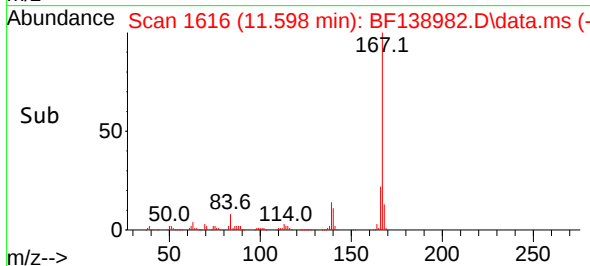
Tgt Ion:167 Resp: 397572
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 14.4 10.6 16.0

Manual Integrations

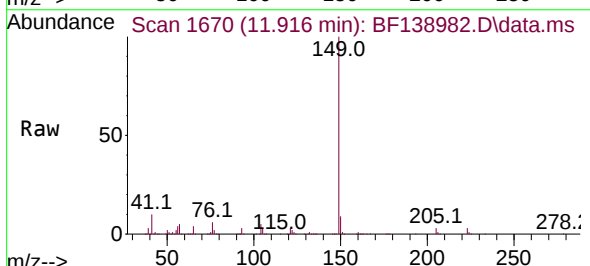
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

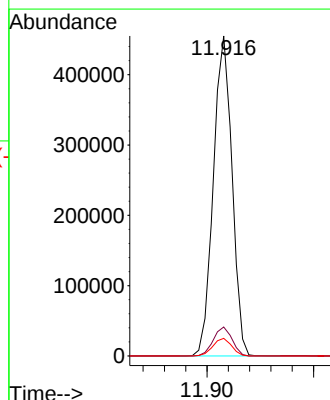
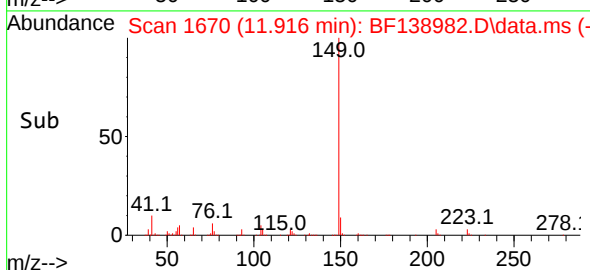
Supervised By :mohammad ahmed 08/14/2024



#74
 Di-n-butylphthalate
 Concen: 55.799 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138982.D
 Acq: 13 Aug 2024 19:33



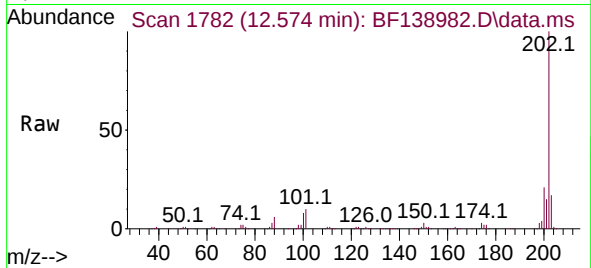
Tgt Ion:149 Resp: 552582
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 46.421 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

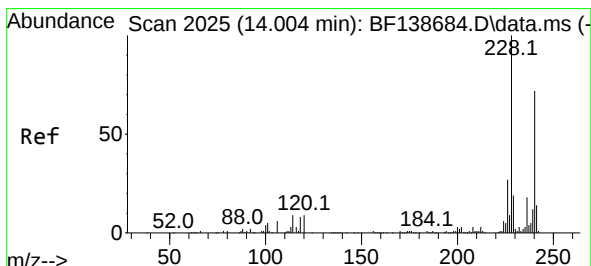
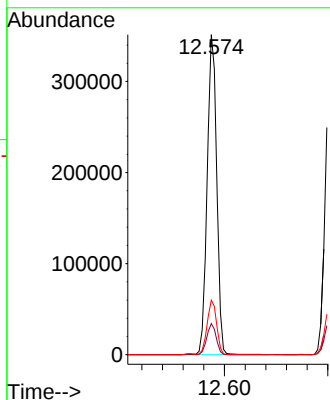
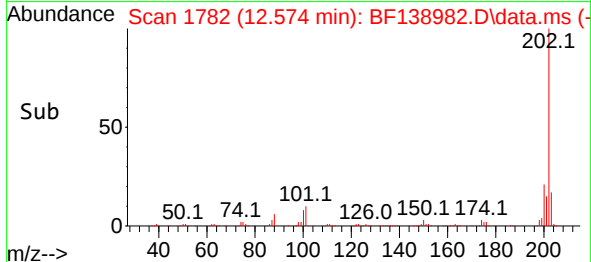
Instrument :
BNA_F
ClientSampleId :
PB162660BS



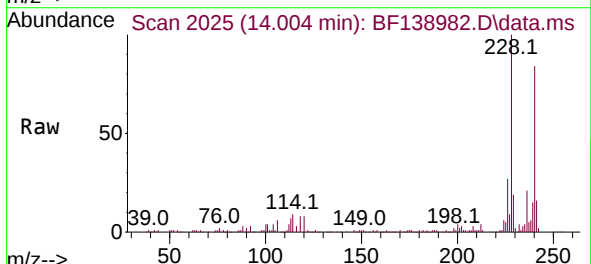
Tgt Ion:202 Resp: 449174
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.2
203 17.1 0.0 37.3

Manual Integrations
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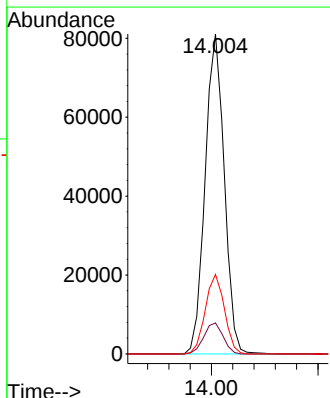
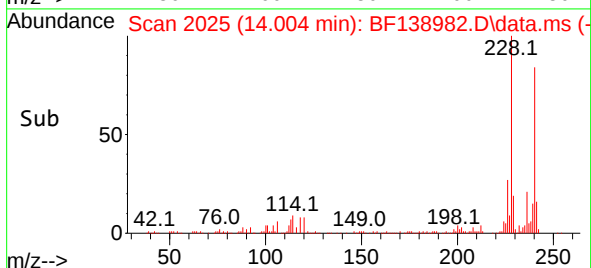
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



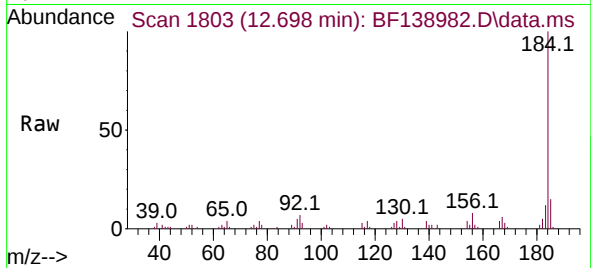
Tgt Ion:240 Resp: 101195
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 24.8 19.8 29.8





#77
Benzidine
Concen: 13.593 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

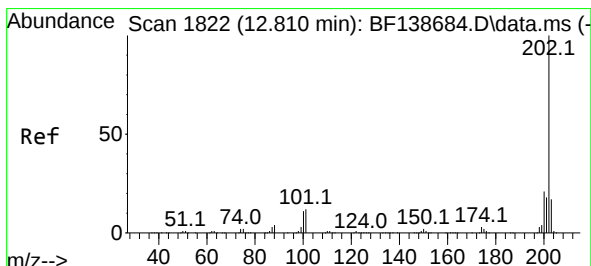
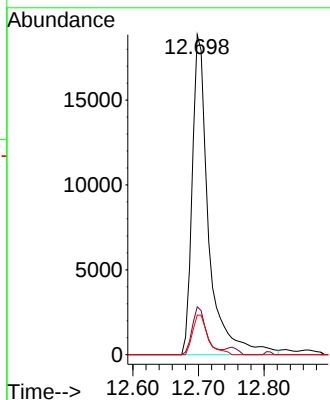
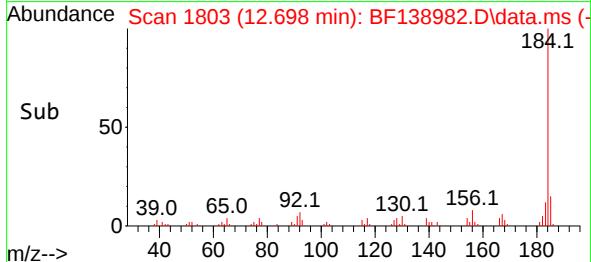
Instrument :
BNA_F
ClientSampleId :
PB162660BS



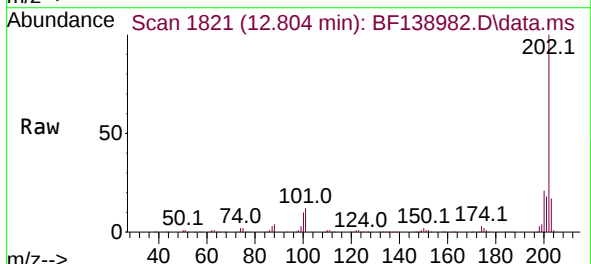
Tgt Ion:184 Resp: 32900
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 12.4 9.6 14.4

Manual Integrations
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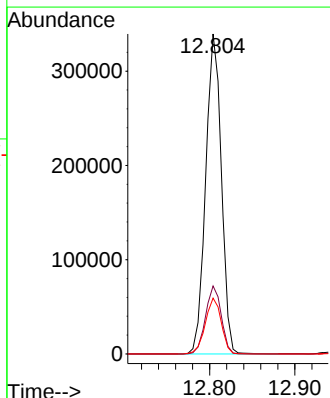
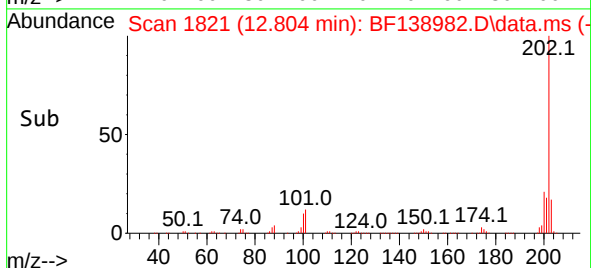
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#78
Pyrene
Concen: 45.590 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:202 Resp: 434374
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.4 13.8 20.6





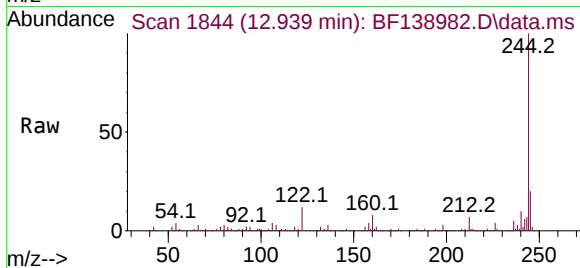
#79
 Terphenyl-d14
 Concen: 105.704 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138982.D
 Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS



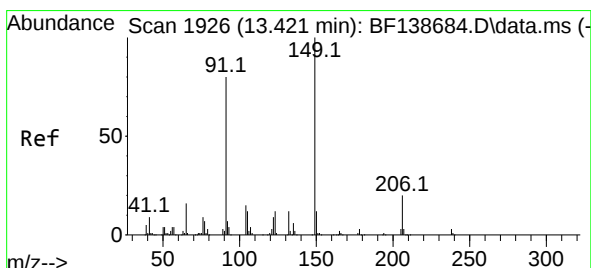
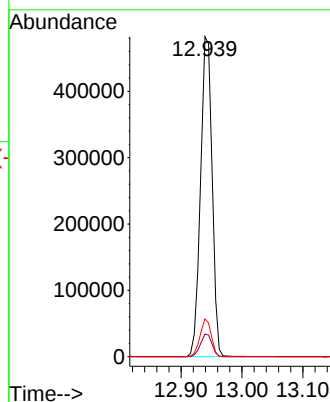
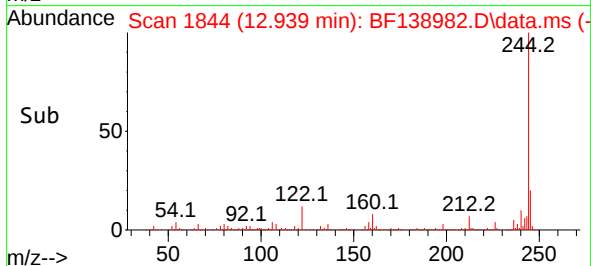
Tgt Ion:244 Resp: 63888
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.8 9.6 14.4

Manual Integrations

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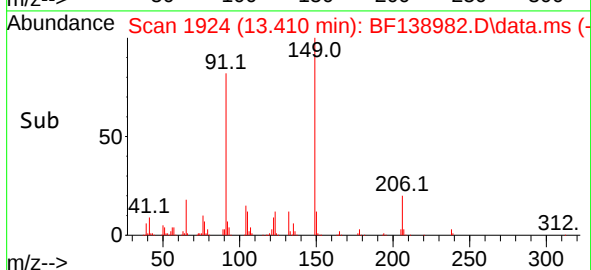
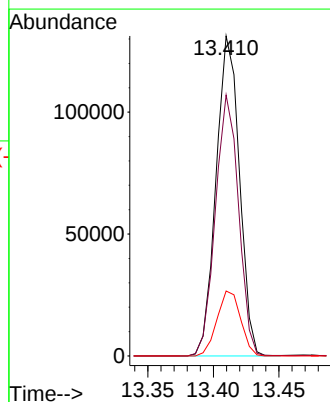
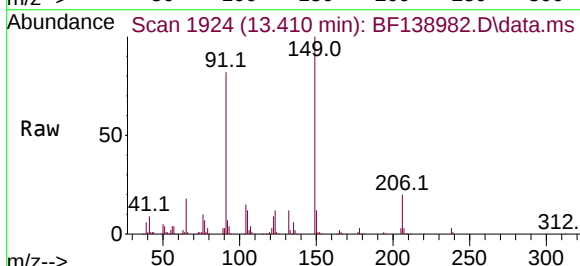
Reviewed By :Yogesh Patel 08/14/2024

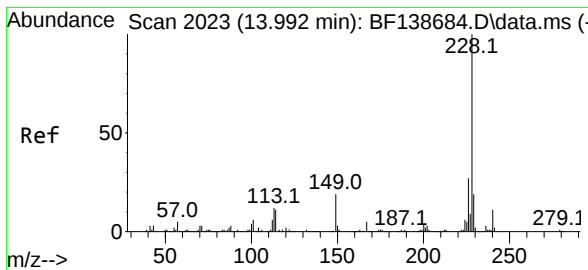
Supervised By :mohammad ahmed 08/14/2024



#80
 Butylbenzylphthalate
 Concen: 53.240 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138982.D
 Acq: 13 Aug 2024 19:33

Tgt Ion:149 Resp: 162438
 Ion Ratio Lower Upper
 149 100
 91 81.5 63.7 95.5
 206 20.3 16.2 24.2





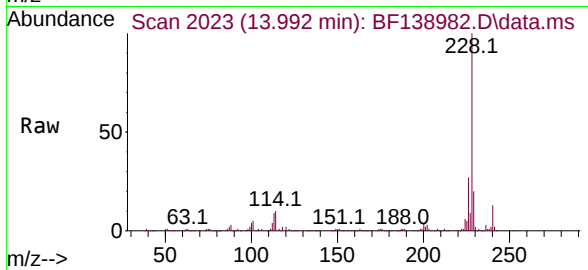
#81
Benzo(a)anthracene
Concen: 47.144 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

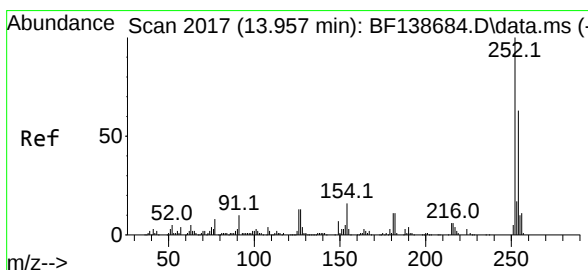
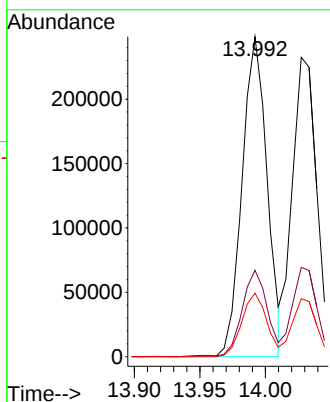
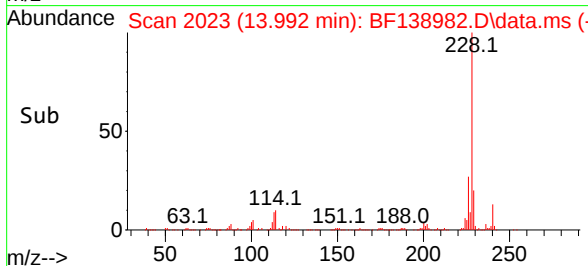


Tgt Ion:228 Resp: 32852
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.9 15.4 23.0

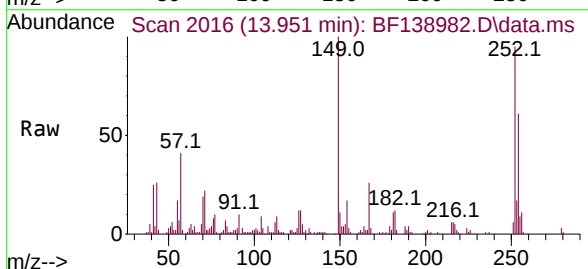
Manual Integrations

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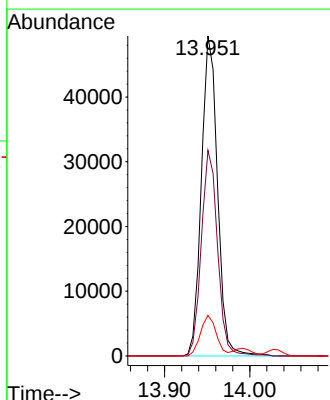
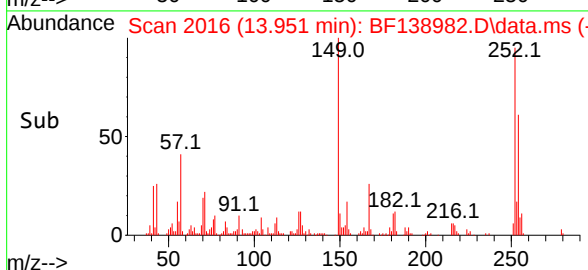
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

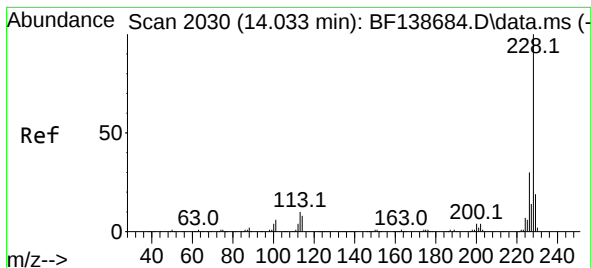


#82
3,3'-Dichlorobenzidine
Concen: 36.473 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:252 Resp: 65042
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 12.7 10.2 15.2





#83

Chrysene

Concen: 47.866 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

Tgt Ion:228 Resp: 30092

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

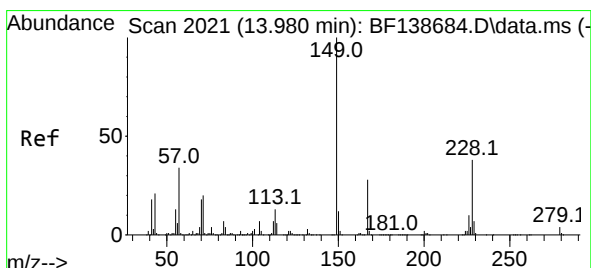
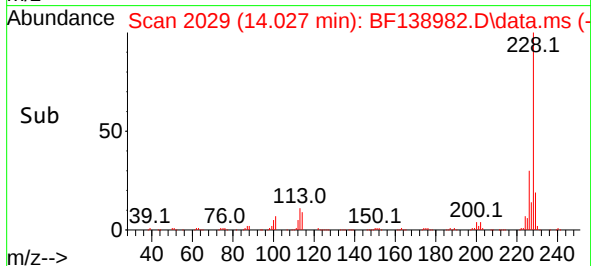
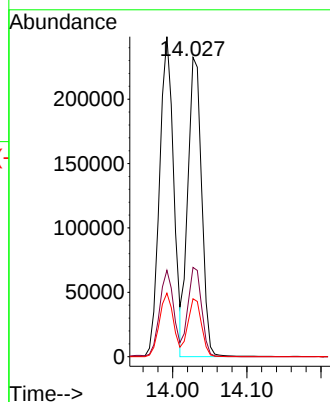
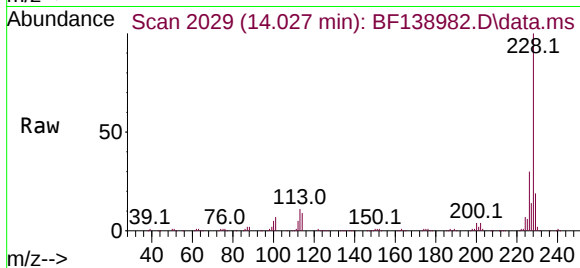
229 19.3 15.0 22.6

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Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.466 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138982.D

Acq: 13 Aug 2024 19:33

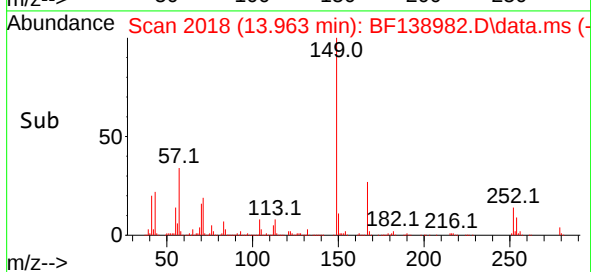
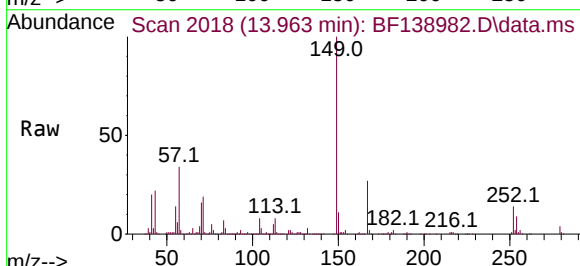
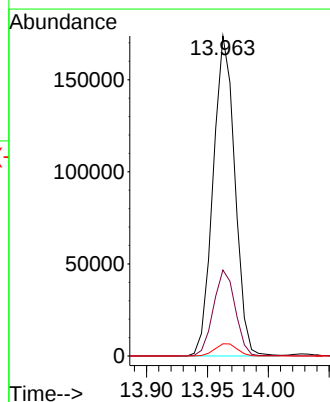
Tgt Ion:149 Resp: 216537

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.4

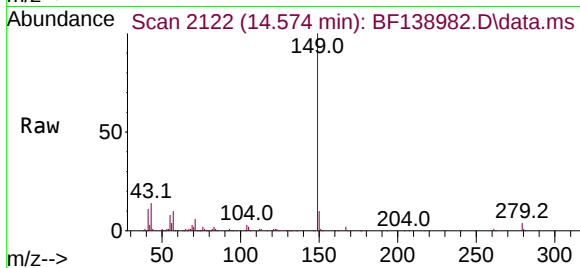
279 3.8 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 41.864 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

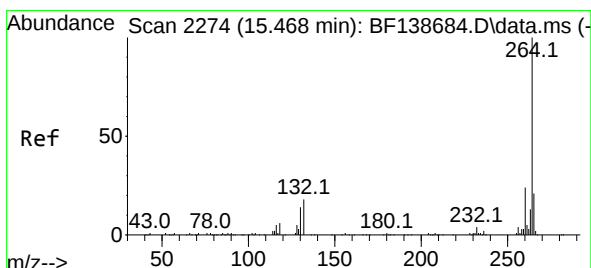
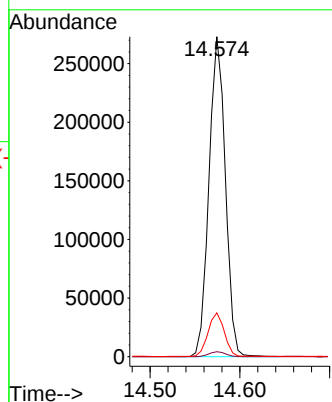
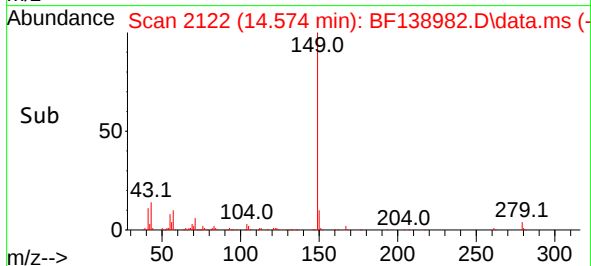
Instrument :
BNA_F
ClientSampleId :
PB162660BS



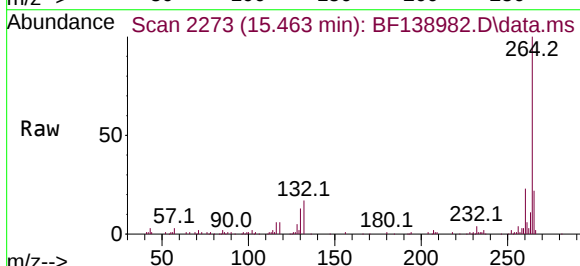
Tgt Ion:149 Resp: 34605
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 13.6 10.4 15.6

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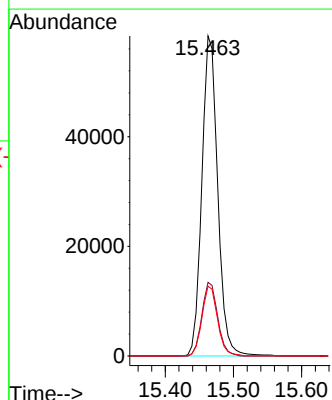
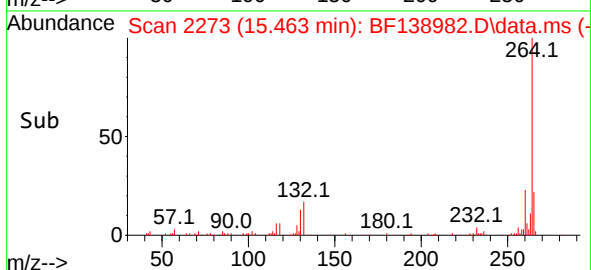
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

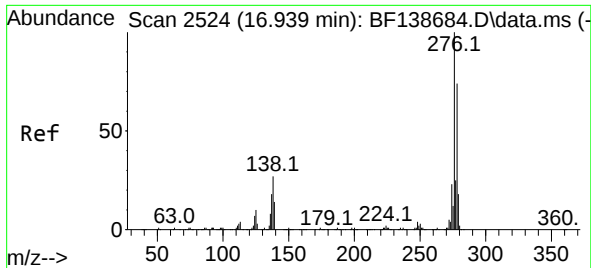


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:264 Resp: 94247
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.301 ng
RT: 16.945 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

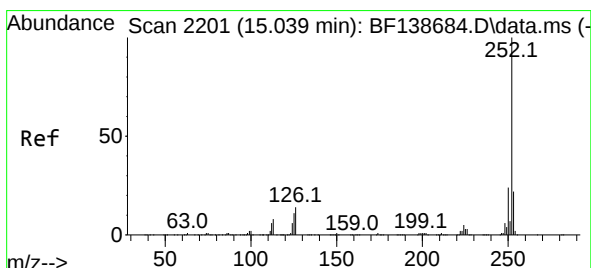
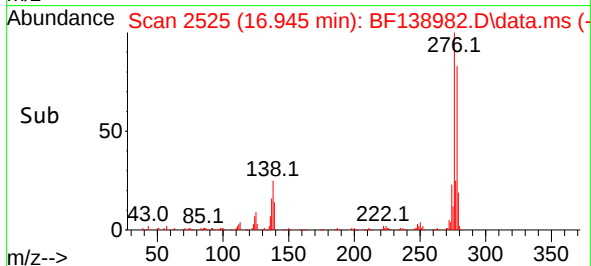
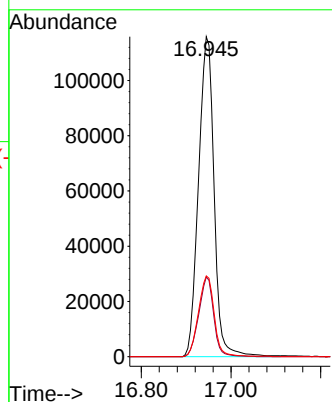
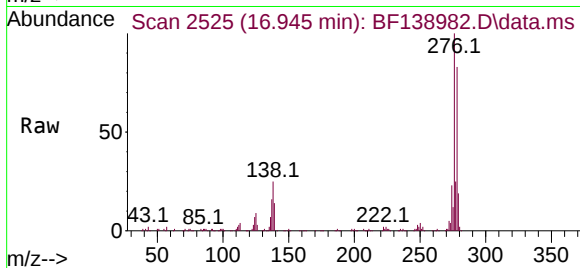
ClientSampleId :

PB162660BS

Tgt Ion:276 Resp: 27895
Ion Ratio Lower Upper
276 100
138 23.8 21.8 32.8
277 25.5 20.6 30.8

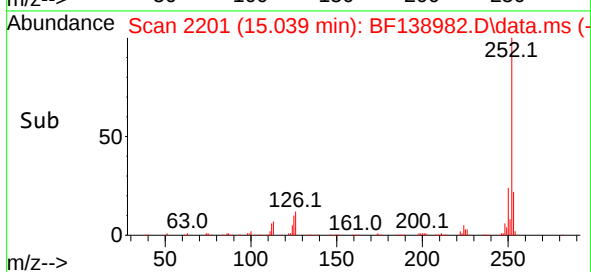
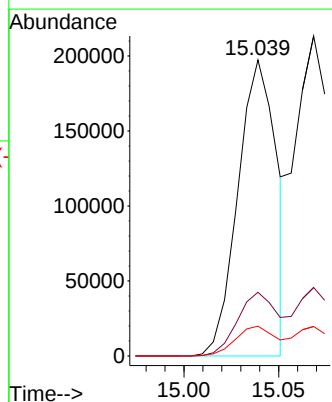
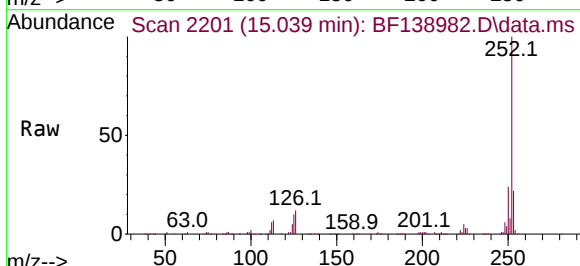
Manual Integrations
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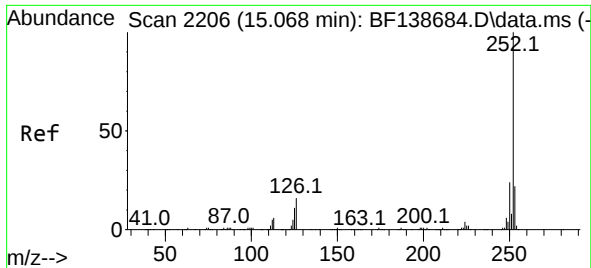
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#88
Benzo(b)fluoranthene
Concen: 47.915 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Tgt Ion:252 Resp: 279937
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.1 8.9 13.3





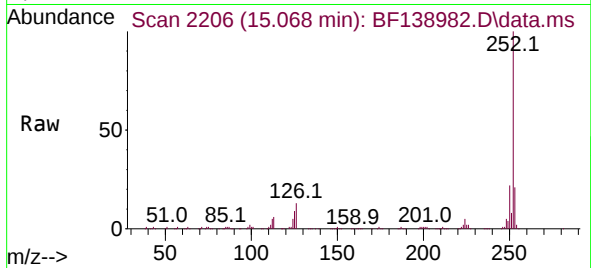
#89
Benzo(k)fluoranthene
Concen: 57.686 ng
RT: 15.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS



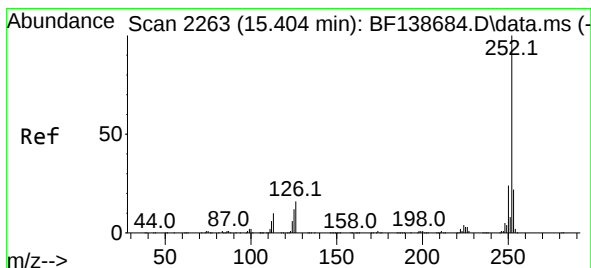
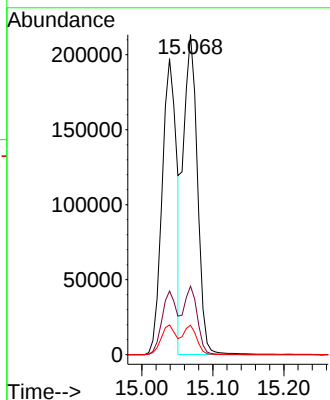
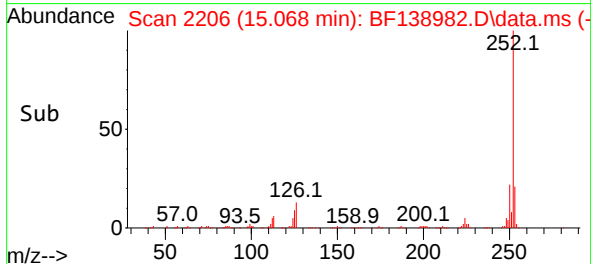
Tgt Ion:252 Resp: 29180
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.2 8.6 13.0

Manual Integrations

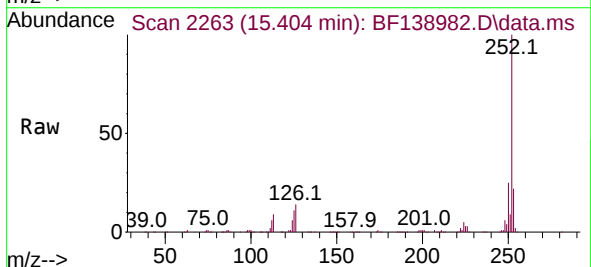
APPROVED

Reviewed By :Yogesh Patel 08/14/2024

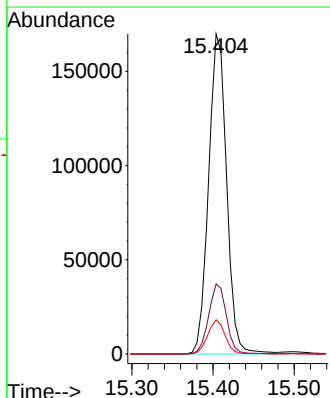
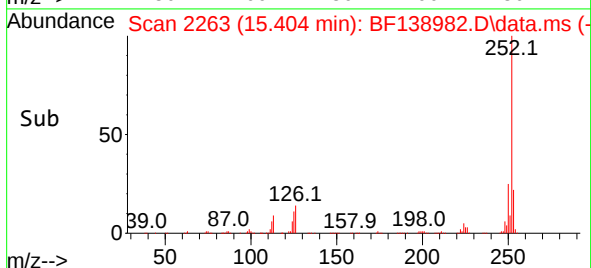
Supervised By :mohammad ahmed 08/14/2024



#90
Benzo(a)pyrene
Concen: 53.266 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:252 Resp: 261766
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.7 9.5 14.3





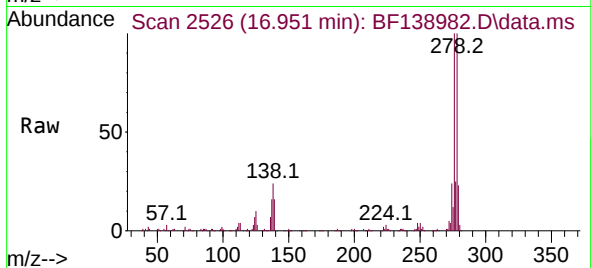
#91
Dibenzo(a,h)anthracene
Concen: 40.484 ng
RT: 16.951 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33

Instrument :

BNA_F

ClientSampleId :

PB162660BS

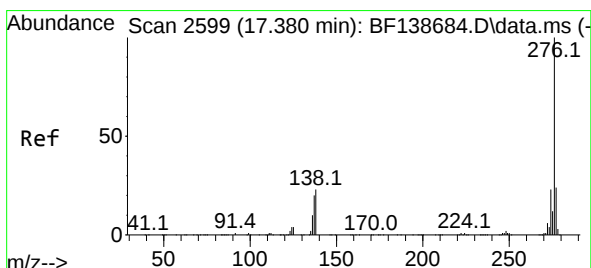
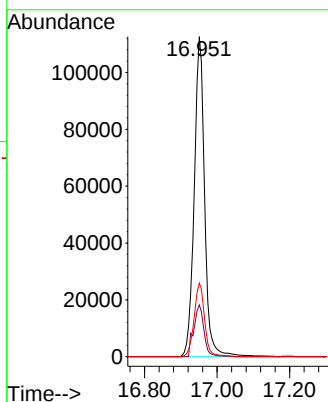
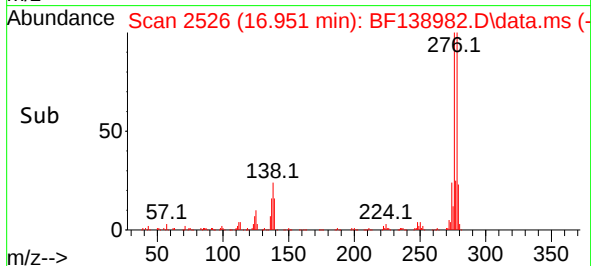


Tgt Ion:278 Resp: 224452
Ion Ratio Lower Upper
278 100
139 16.2 14.0 21.0
279 23.0 19.0 28.4

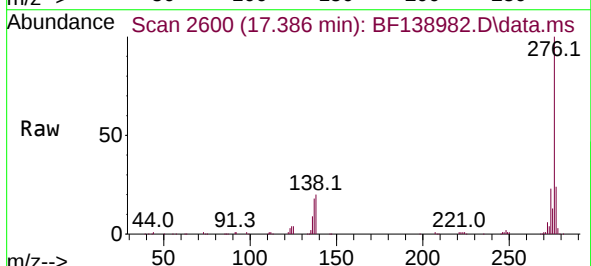
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024



#92
Benzo(g,h,i)perylene
Concen: 35.287 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138982.D
Acq: 13 Aug 2024 19:33



Tgt Ion:276 Resp: 203015
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 19.6 18.5 27.7

