

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138953.D
 Acq On : 13 Aug 2024 00:57
 Operator : RC/JU
 Sample : P3543-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0019MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 13 02:15:23 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	42250	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	177143	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	101545	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	177249	20.000	ng	0.00
76) Chrysene-d12	14.004	240	86795	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	77644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	466053	170.278	ng	0.03
7) Phenol-d6	6.498	99	616012	167.635	ng	0.01
23) Nitrobenzene-d5	7.410	82	415429	114.658	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	152868	183.782	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	776881	114.950	ng	0.00
79) Terphenyl-d14	12.945	244	738638	142.483	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	53488m	44.637	ng	
3) Pyridine	3.569	79	58584	20.182	ng	96
4) n-Nitrosodimethylamine	3.487	42	117444	67.933	ng	86
6) Aniline	6.516	93	62111	18.953	ng	# 1
8) 2-Chlorophenol	6.640	128	190771	66.248	ng	97
9) Benzaldehyde	6.404	77	5490	2.492	ng	97
10) Phenol	6.510	94	236783	61.199	ng	97
11) bis(2-Chloroethyl)ether	6.581	93	180313	60.561	ng	100
12) 1,3-Dichlorobenzene	6.781	146	189304	58.728	ng	98
13) 1,4-Dichlorobenzene	6.857	146	192634	59.217	ng	99
14) 1,2-Dichlorobenzene	7.010	146	183833	60.468	ng	99
15) Benzyl Alcohol	6.998	79	180095	67.998	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	306825	59.881	ng	# 50
17) 2-Methylphenol	7.110	107	160372	67.444	ng	# 85
18) Hexachloroethane	7.345	117	73396	59.939	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	153627	69.218	ng	98
20) 3+4-Methylphenols	7.269	107	214688	70.369	ng	# 67
22) Acetophenone	7.257	105	266394	61.419	ng	98
24) Nitrobenzene	7.428	77	222547	60.362	ng	100
25) Isophorone	7.669	82	412695	66.706	ng	98
26) 2-Nitrophenol	7.745	139	105440	66.473	ng	97
27) 2,4-Dimethylphenol	7.787	122	138185	72.812	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	235849	62.600	ng	99
29) 2,4-Dichlorophenol	7.992	162	166010	68.073	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	171132	60.807	ng	98
31) Naphthalene	8.145	128	571810	61.325	ng	100
32) Benzoic acid	7.951	122	88020	59.001	ng	94
33) 4-Chloroaniline	8.210	127	29738	9.501	ng	97
34) Hexachlorobutadiene	8.251	225	101752	59.692	ng	99
35) Caprolactam	8.598	113	39143m	53.792	ng	
36) 4-Chloro-3-methylphenol	8.698	107	196472	70.494	ng	99
37) 2-Methylnaphthalene	8.834	142	384961	65.372	ng	99
38) 1-Methylnaphthalene	8.934	142	357023	61.871	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	165180	58.558	ng	99
41) Hexachlorocyclopentadiene	8.981	237	120978	154.891	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	112324	65.309	ng	100

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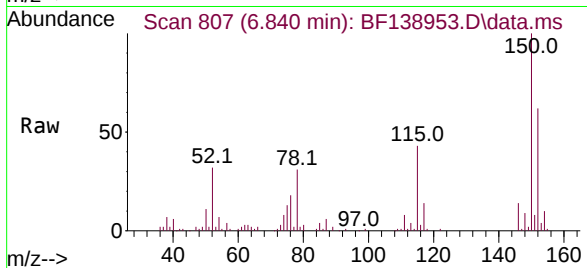
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	119986	63.816	ng	99
46) 1,1'-Biphenyl	9.298	154	463644	58.299	ng	99
47) 2-Chloronaphthalene	9.328	162	368121	62.237	ng	99
48) 2-Nitroaniline	9.434	65	126907	63.290	ng	99
49) Acenaphthylene	9.739	152	577196	68.804	ng	99
50) Dimethylphthalate	9.604	163	478217	73.652	ng	99
51) 2,6-Dinitrotoluene	9.675	165	98269	67.063	ng	93
52) Acenaphthene	9.910	154	353633	62.710	ng	99
53) 3-Nitroaniline	9.845	138	19738	13.030	ng	96
54) 2,4-Dinitrophenol	9.963	184	102124	151.398	ng	87
55) Dibenzofuran	10.086	168	526989	66.202	ng	99
56) 4-Nitrophenol	10.028	139	85716	94.096	ng	86
57) 2,4-Dinitrotoluene	10.081	165	130639	69.878	ng	# 80
58) Fluorene	10.428	166	428578	67.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	103860	72.254	ng	95
60) Diethylphthalate	10.298	149	446136	72.467	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	214707	68.868	ng	99
62) 4-Nitroaniline	10.463	138	76112m	52.872	ng	
63) Azobenzene	10.575	77	463545	67.888	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	75926	70.213	ng	92
66) n-Nitrosodiphenylamine	10.539	169	341373	61.615	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	122453	63.809	ng	97
68) Hexachlorobenzene	10.975	284	125795	63.487	ng	100
69) Atrazine	11.063	200	74345	52.010	ng	99
70) Pentachlorophenol	11.180	266	110088	123.263	ng	98
71) Phenanthrene	11.392	178	604127	66.192	ng	100
72) Anthracene	11.445	178	610009	67.845	ng	100
73) Carbazole	11.598	167	458804	59.146	ng	98
74) Di-n-butylphthalate	11.916	149	676818	77.614	ng	100
75) Fluoranthene	12.575	202	550326	64.588	ng	99
77) Benzidine	12.722	184	5938	2.860	ng	# 93
78) Pyrene	12.804	202	545127	66.706	ng	99
80) Butylbenzylphthalate	13.410	149	201153	76.867	ng	98
81) Benzo(a)anthracene	13.992	228	385775	64.544	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	13381	8.749	ng	98
83) Chrysene	14.027	228	352827	65.432	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	256736	66.998	ng	98
85) Di-n-octyl phthalate	14.574	149	397031	56.000	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	319681	57.453	ng	97
88) Benzo(b)fluoranthene	15.039	252	356992	74.170	ng	98
89) Benzo(k)fluoranthene	15.068	252	272830	65.469	ng	99
90) Benzo(a)pyrene	15.404	252	283668	70.066	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	261316	57.212	ng	98
92) Benzo(g,h,i)perylene	17.386	276	230222	48.573	ng	97

(#) = 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: BF138953.D
 Acq: 13 Aug 2024 00:57

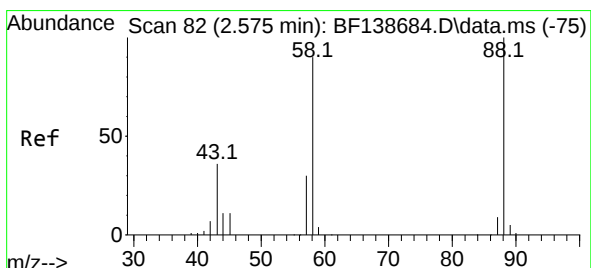
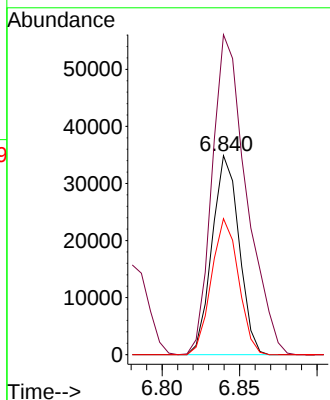
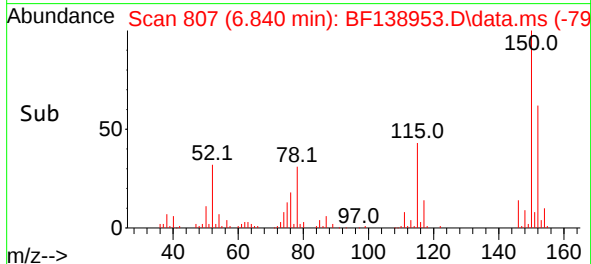
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0019MS



Tgt Ion:152 Resp: 42250
 Ion Ratio Lower Upper
 152 100
 150 160.7 126.0 189.0
 115 68.3 51.7 77.5

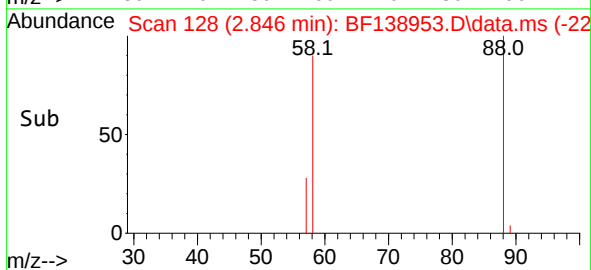
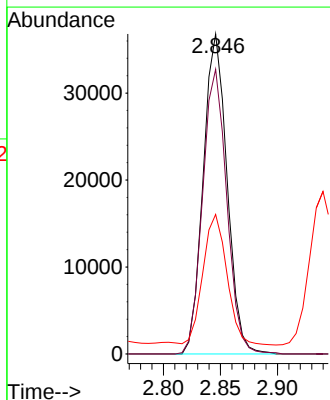
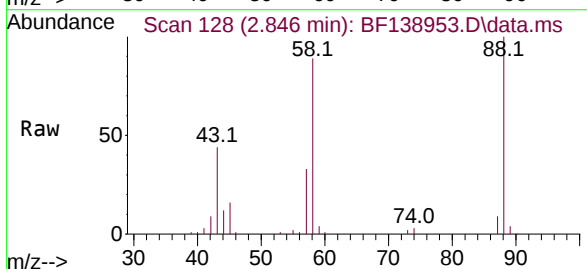
Manual Integrations
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#2
 1,4-Dioxane
 Concen: 44.637 ng m
 RT: 2.846 min Scan# 128
 Delta R.T. 0.271 min
 Lab File: BF138953.D
 Acq: 13 Aug 2024 00:57

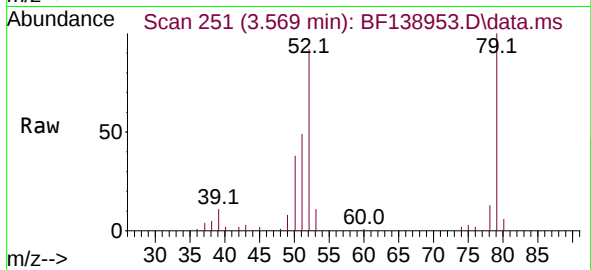
Tgt Ion: 88 Resp: 53488
 Ion Ratio Lower Upper
 88 100
 58 74.9 71.6 107.4
 43 0.0 28.7 43.1#





#3
Pyridine
Concen: 20.182 ng
RT: 3.569 min Scan# 211
Delta R.T. 0.235 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

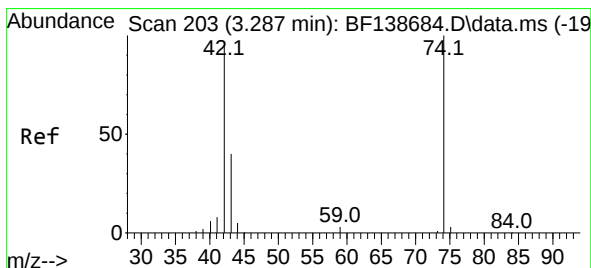
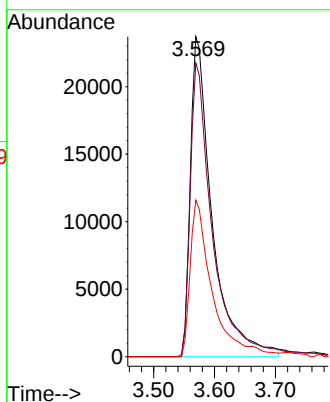
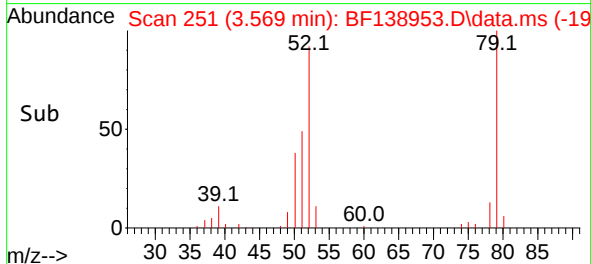
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BNA_F
ClientSampleId :
ARS20-0019MS



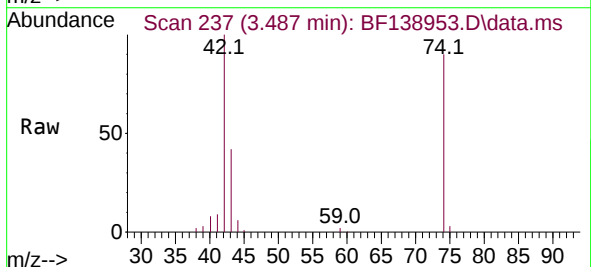
Tgt Ion: 79 Resp: 58584
Ion Ratio Lower Upper
79 100
52 91.8 74.7 112.1
51 48.9 34.6 51.8

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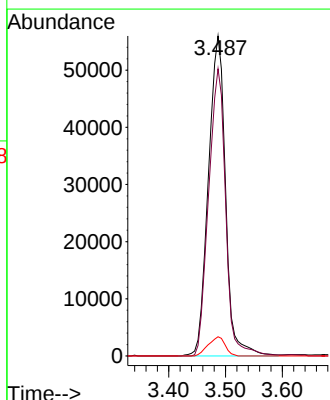
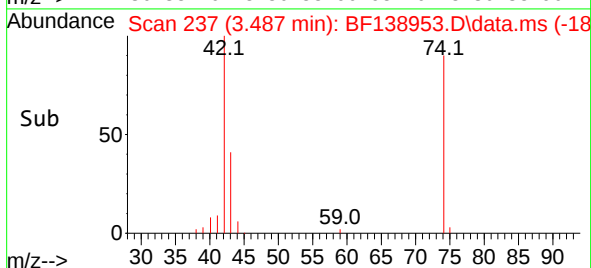
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#4
n-Nitrosodimethylamine
Concen: 67.933 ng
RT: 3.487 min Scan# 237
Delta R.T. 0.200 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



Tgt Ion: 42 Resp: 117444
Ion Ratio Lower Upper
42 100
74 89.8 84.2 126.4
44 6.0 4.9 7.3





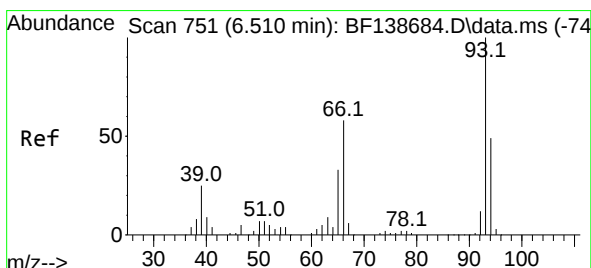
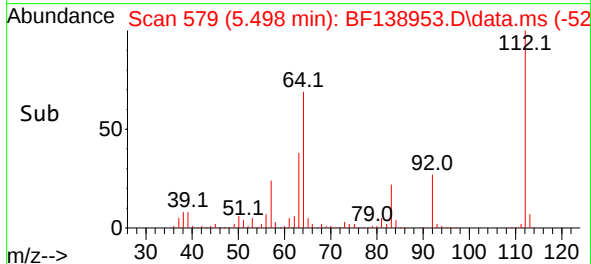
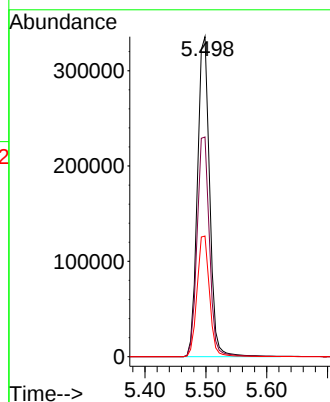
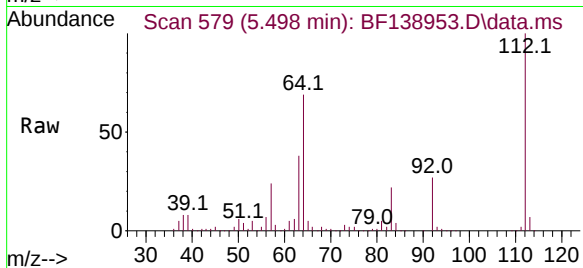
#5
2-Fluorophenol
Concen: 170.278 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS

Tgt Ion:112 Resp: 46605
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 37.7 28.7 43.1

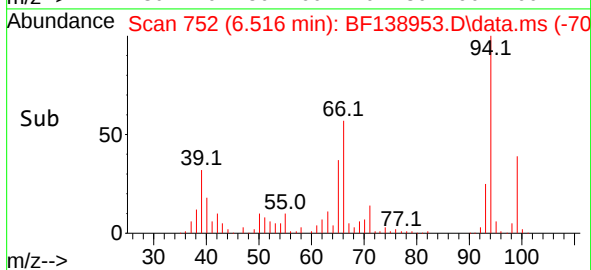
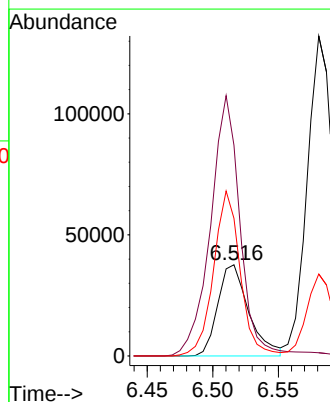
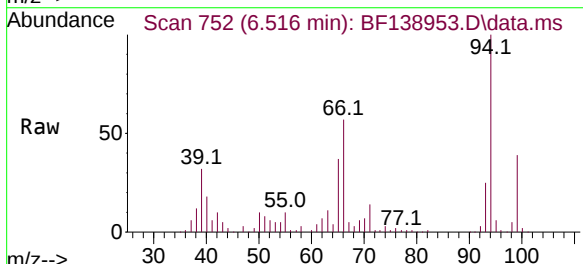
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#6
Aniline
Concen: 18.953 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

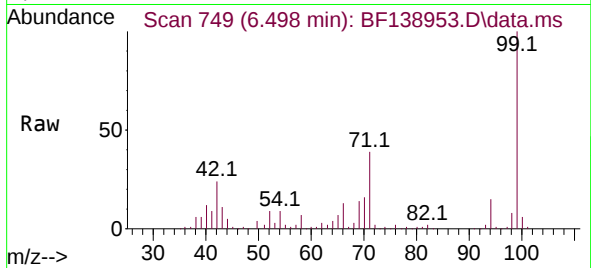
Tgt Ion: 93 Resp: 62111
Ion Ratio Lower Upper
93 100
66 230.9 46.9 70.3#
65 150.8 26.5 39.7#





#7
Phenol-d6
Concen: 167.635 ng
RT: 6.498 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

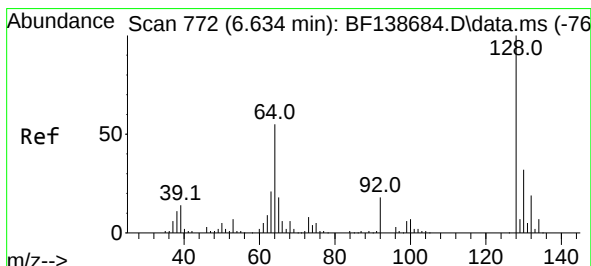
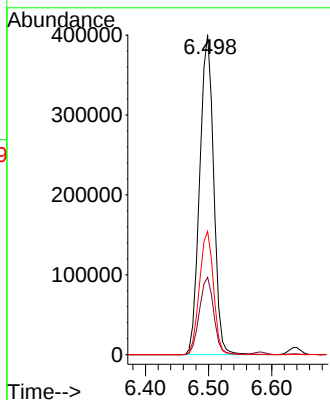
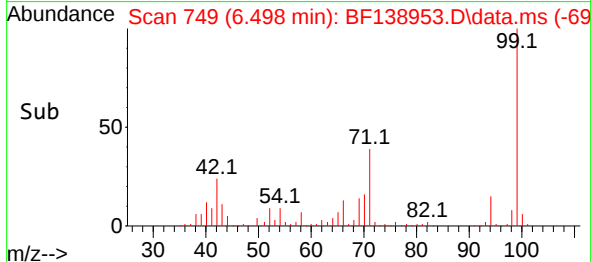
Instrument :
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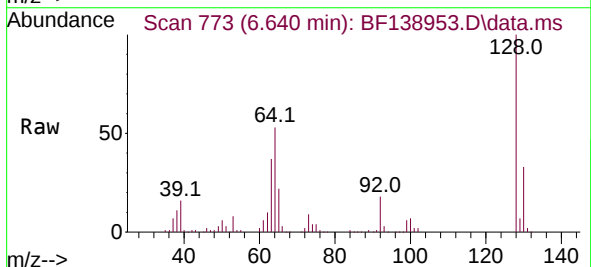
Tgt Ion: 99 Resp: 616012
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 38.6 28.1 42.1

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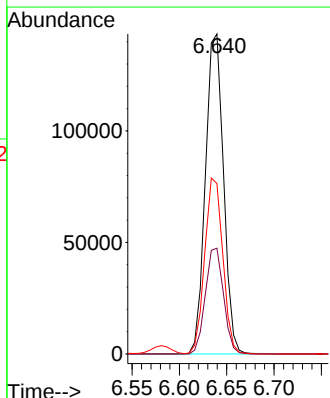
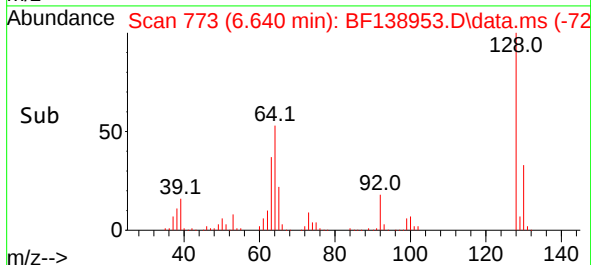
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#8
2-Chlorophenol
Concen: 66.248 ng
RT: 6.640 min Scan# 773
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



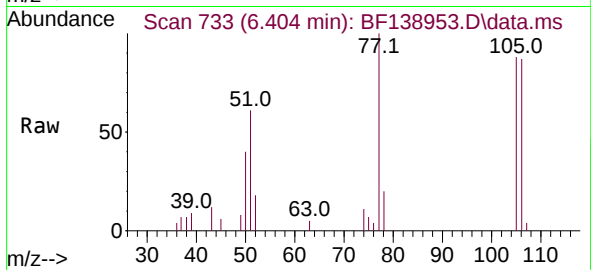
Tgt Ion:128 Resp: 190771
Ion Ratio Lower Upper
128 100
130 33.1 12.0 52.0
64 53.3 36.3 76.3





#9
Benzaldehyde
Concen: 2.492 ng
RT: 6.404 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

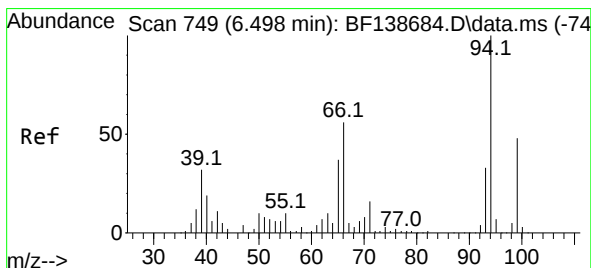
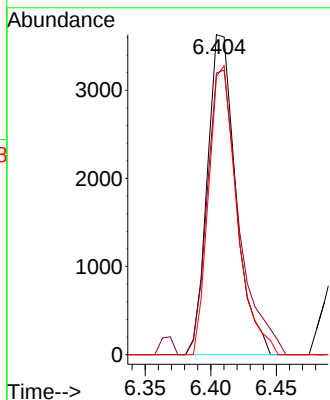
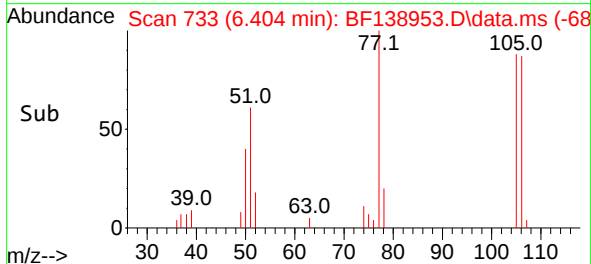
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion: 77 Resp: 5490
Ion Ratio Lower Upper
77 100
105 88.0 72.9 112.9
106 86.9 68.4 108.4

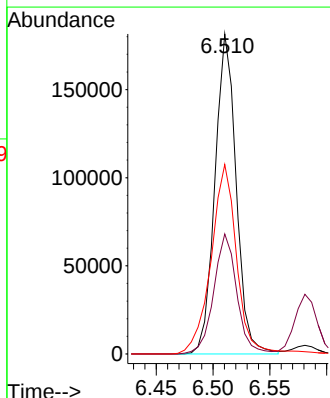
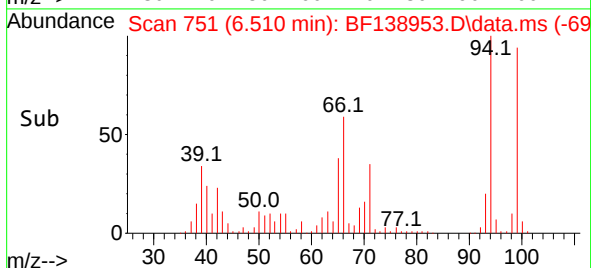
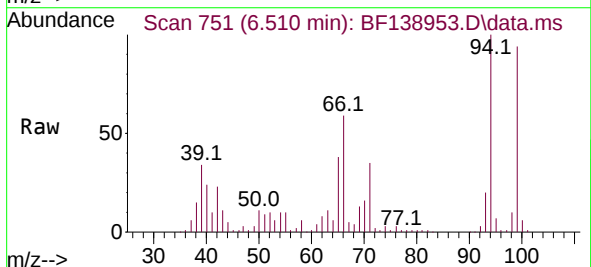
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#10
Phenol
Concen: 61.199 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Tgt Ion: 94 Resp: 236783
Ion Ratio Lower Upper
94 100
65 37.5 16.9 56.9
66 59.2 36.5 76.5





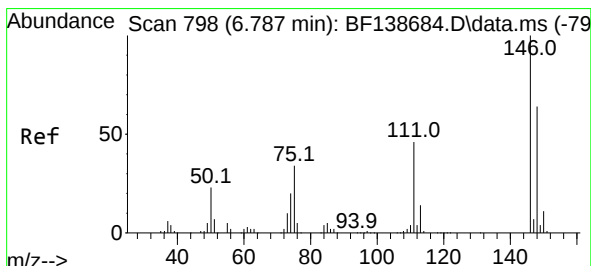
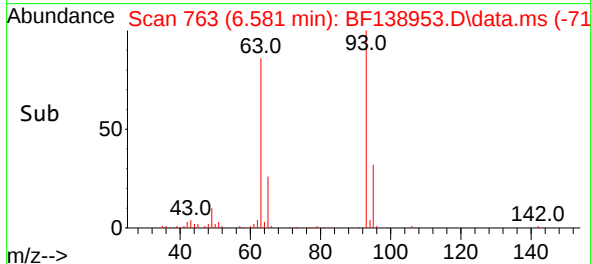
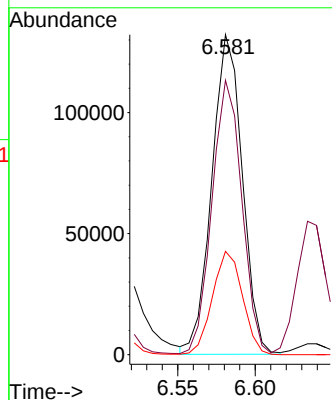
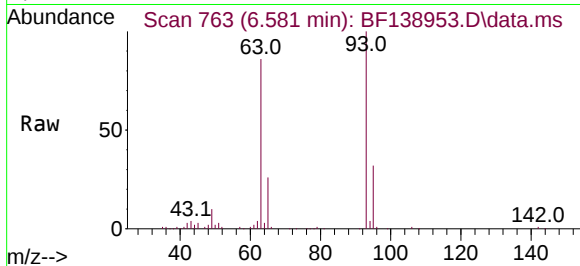
#11
bis(2-Chloroethyl)ether
Concen: 60.561 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS

Tgt Ion: 93 Resp: 18031
Ion Ratio Lower Upper
93 100
63 85.8 65.3 105.3
95 32.3 12.4 52.4

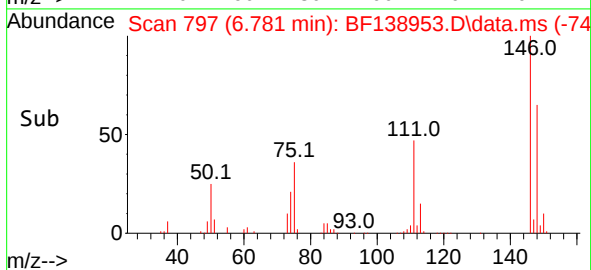
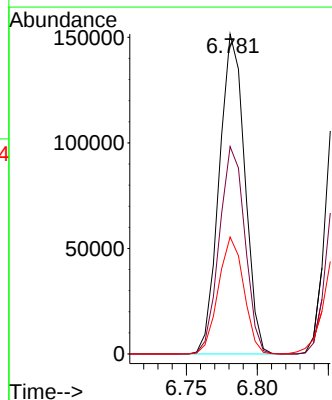
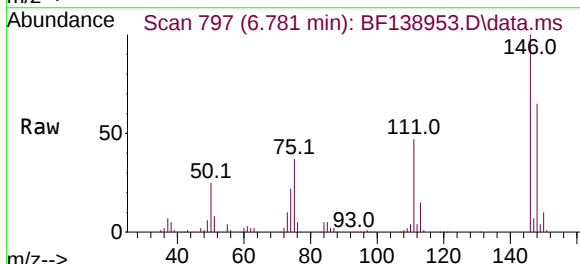
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#12
1,3-Dichlorobenzene
Concen: 58.728 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Tgt Ion:146 Resp: 189304
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
75 36.5 27.4 41.2





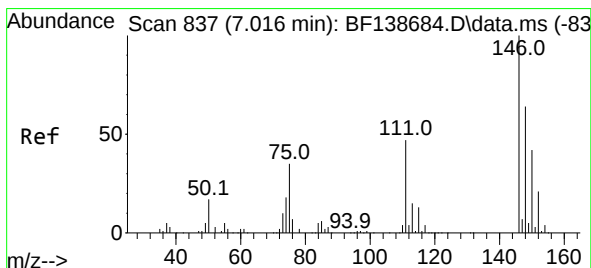
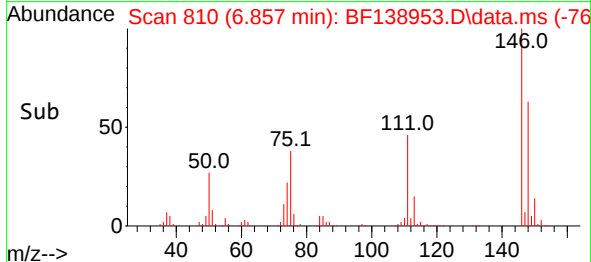
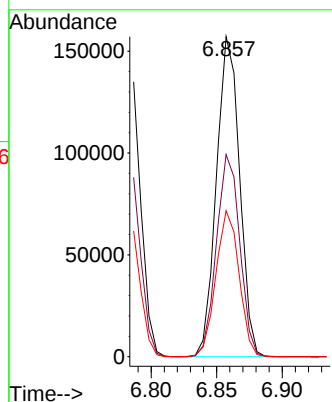
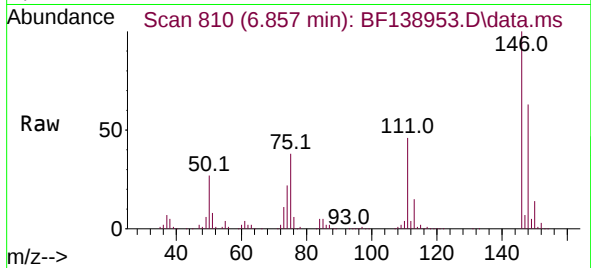
#13
1,4-Dichlorobenzene
Concen: 59.217 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS

Tgt Ion:146 Resp: 192634
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
111 45.6 35.9 53.9

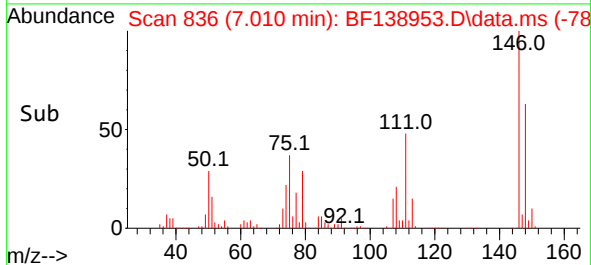
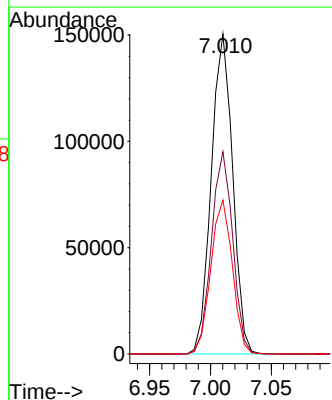
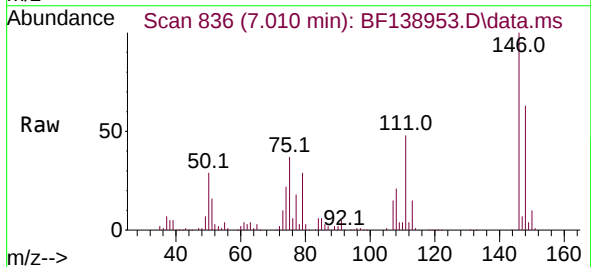
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#14
1,2-Dichlorobenzene
Concen: 60.468 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

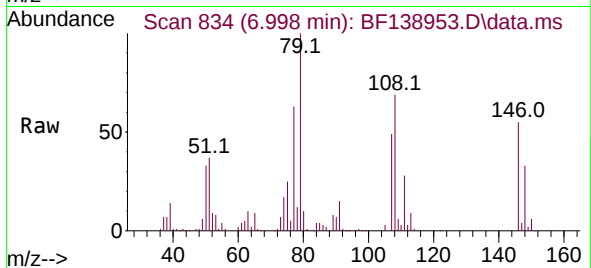
Tgt Ion:146 Resp: 183833
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
111 48.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 67.998 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

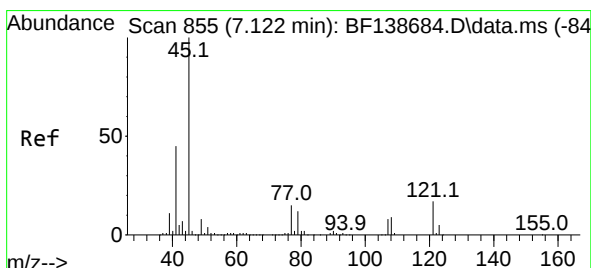
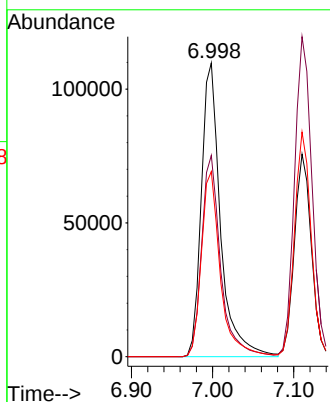
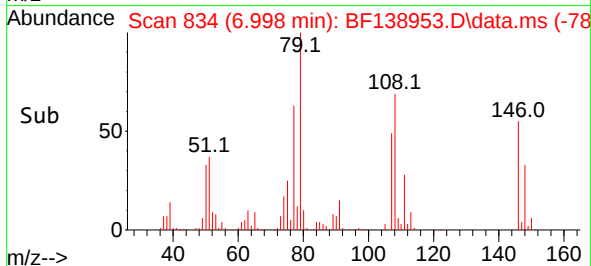
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion: 79 Resp: 18009
Ion Ratio Lower Upper
79 100
108 68.5 56.6 85.0
77 63.0 50.3 75.5

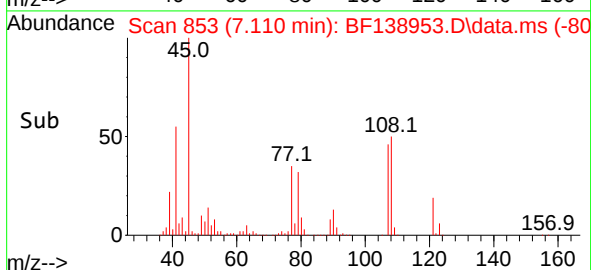
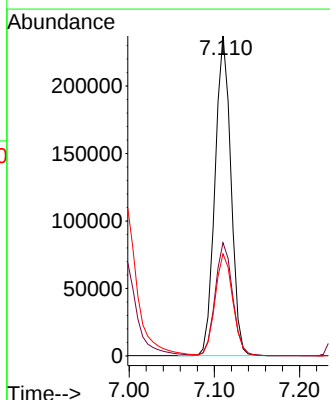
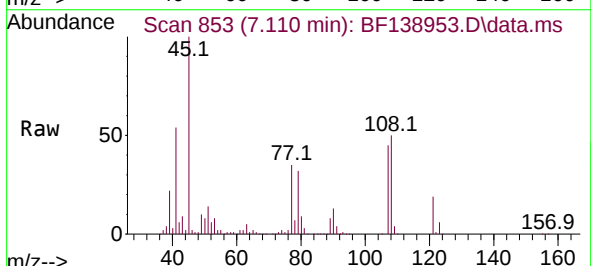
Manual Integrations
APPROVED

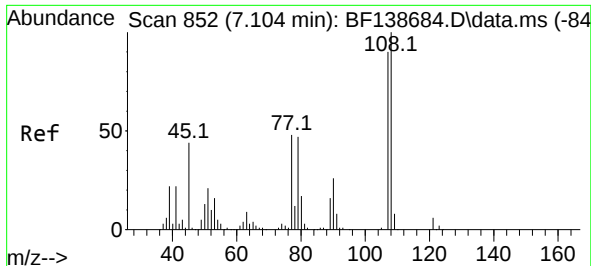
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.881 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

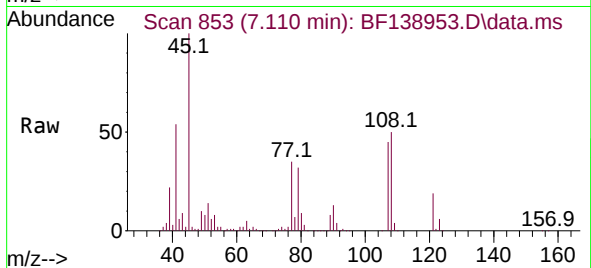
Tgt Ion: 45 Resp: 306825
Ion Ratio Lower Upper
45 100
77 35.4 0.0 34.9#
79 31.9 0.0 32.2





#17
2-Methylphenol
Concen: 67.444 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

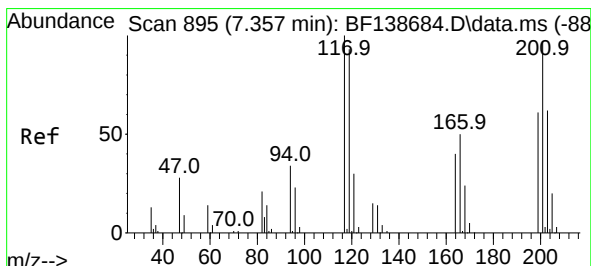
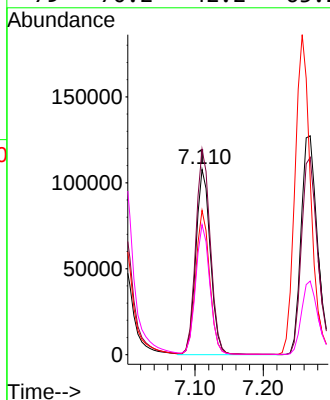
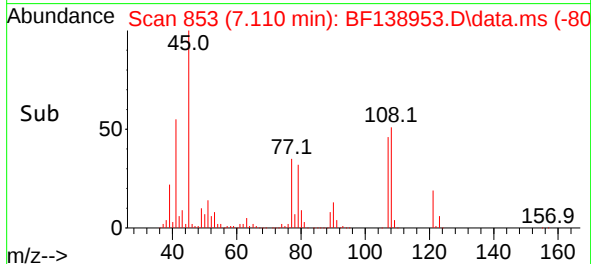
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:107 Resp: 160372
Ion Ratio Lower Upper
107 100
108 110.9 89.2 133.8
77 77.9 43.0 64.4
79 70.2 42.2 63.2

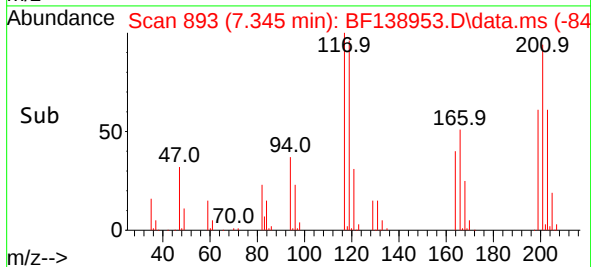
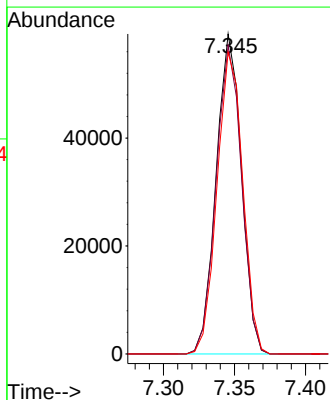
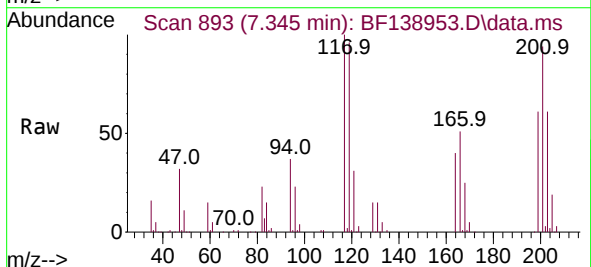
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#18
Hexachloroethane
Concen: 59.939 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

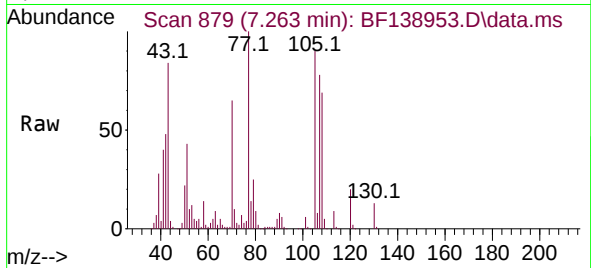
Tgt Ion:117 Resp: 73396
Ion Ratio Lower Upper
117 100
119 96.4 74.6 111.8
201 94.3 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 69.218 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

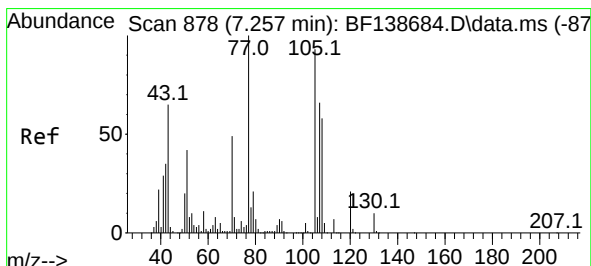
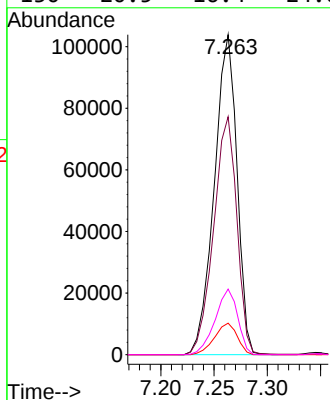
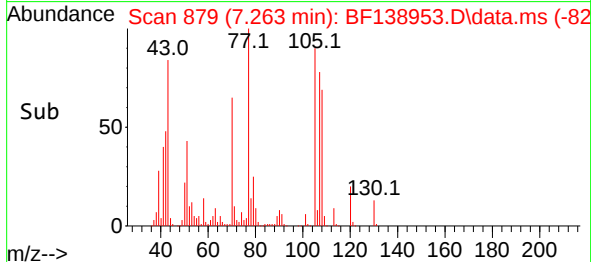
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



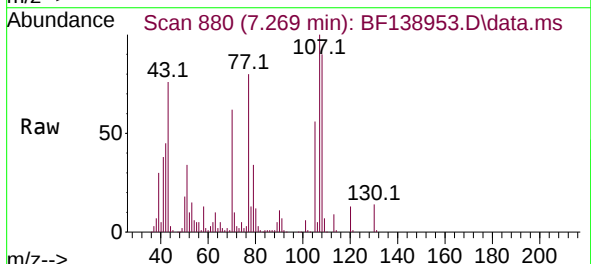
Tgt Ion: 70 Resp: 15362
Ion Ratio Lower Upper
70 100
42 74.3 57.4 86.0
101 9.8 7.5 11.3
130 20.5 16.4 24.6

Manual Integrations
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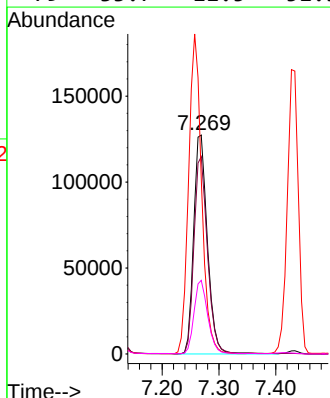
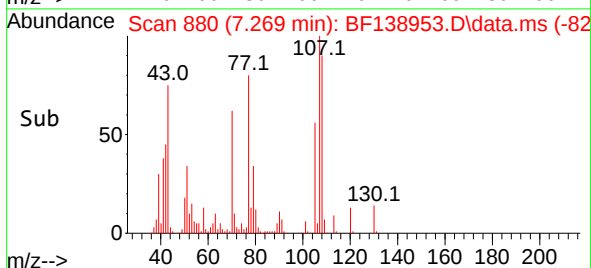
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

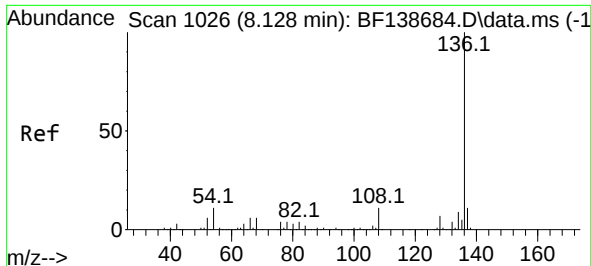


#20
3+4-Methylphenols
Concen: 70.369 ng
RT: 7.269 min Scan# 880
Delta R.T. 0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



Tgt Ion:107 Resp: 214688
Ion Ratio Lower Upper
107 100
108 90.1 68.2 108.2
77 80.2 132.1 172.1#
79 33.7 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: BF138953.D
Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

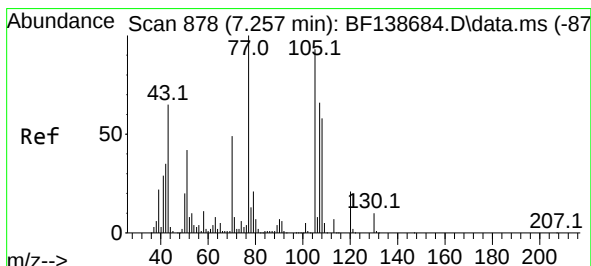
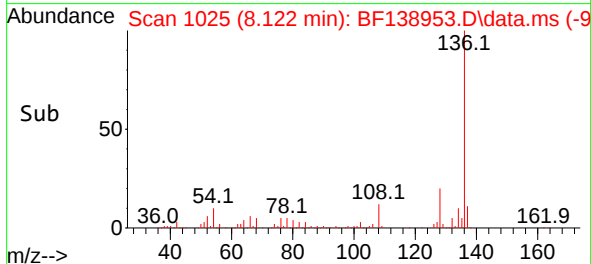
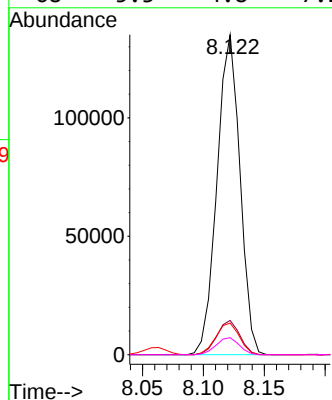
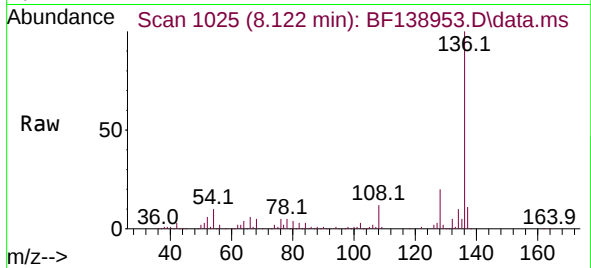
ClientSampleId :

ARS20-0019MS

Tgt Ion:136 Resp: 17714
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.9 8.6 12.8
68 5.3 4.8 7.2

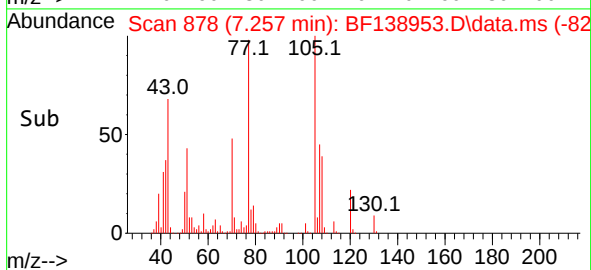
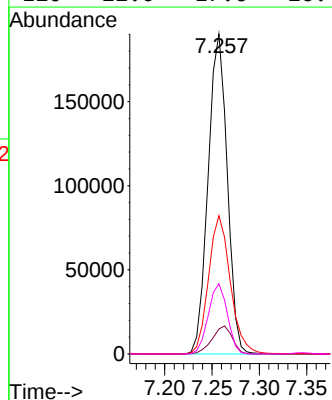
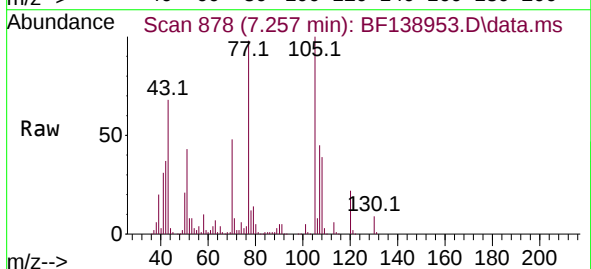
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Acetophenone
Concen: 61.419 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Tgt Ion:105 Resp: 266394
Ion Ratio Lower Upper
105 100
71 7.8 7.2 10.8
51 43.2 35.9 53.9
120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 114.658 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS

Tgt Ion: 82 Resp: 415429

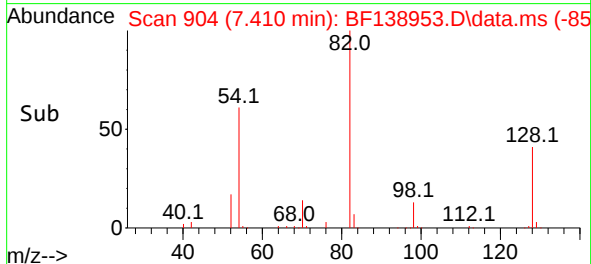
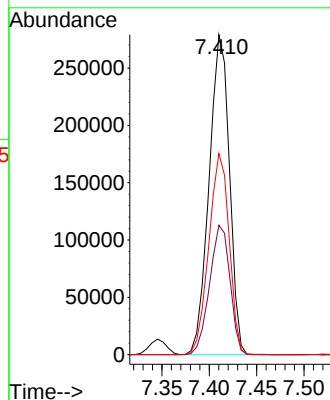
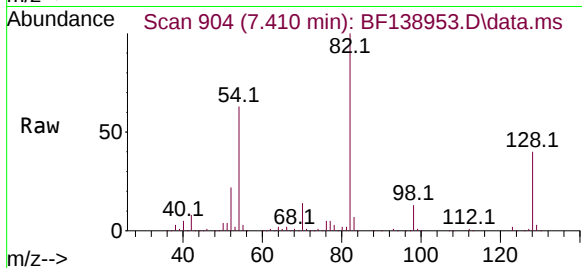
Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.8	49.2
54	62.9	48.3	72.5

Manual Integrations

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Supervised By :mohammad ahmed 08/13/2024



#24

Nitrobenzene

Concen: 60.362 ng

RT: 7.428 min Scan# 907

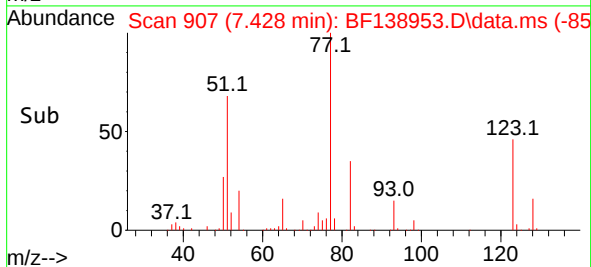
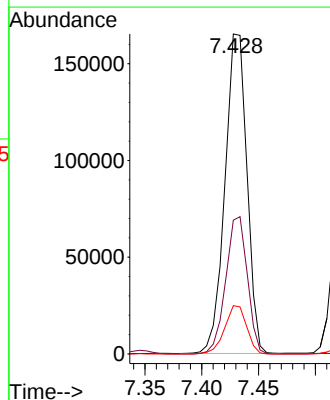
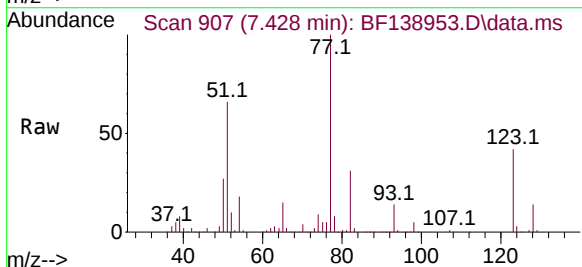
Delta R.T. 0.000 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Tgt Ion: 77 Resp: 222547

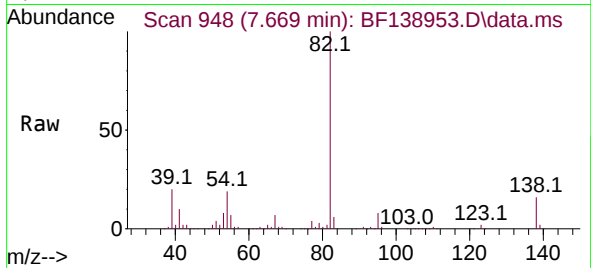
Ion	Ratio	Lower	Upper
77	100		
123	41.8	33.3	49.9
65	15.1	11.9	17.9





#25
Isophorone
Concen: 66.706 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

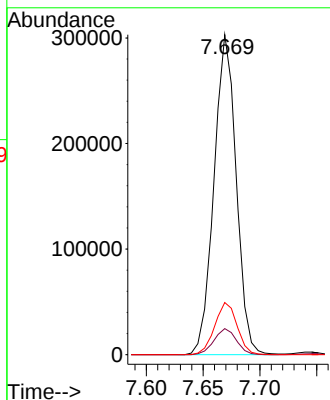
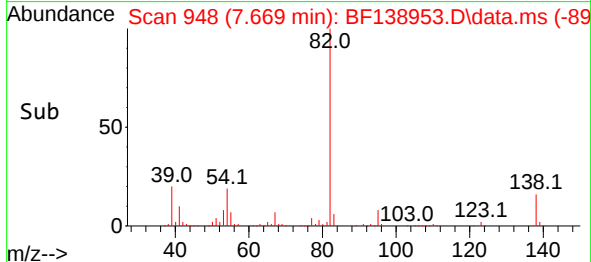
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion: 82 Resp: 41269
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.3 13.7 20.5

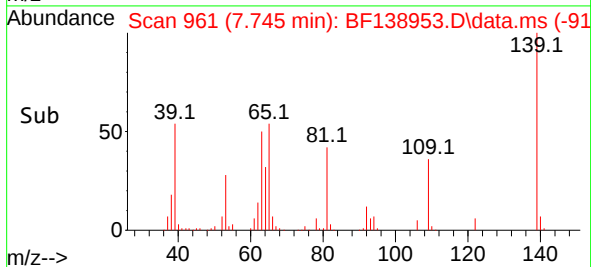
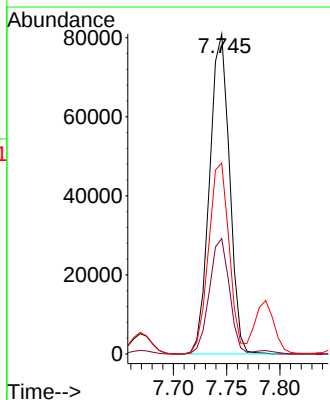
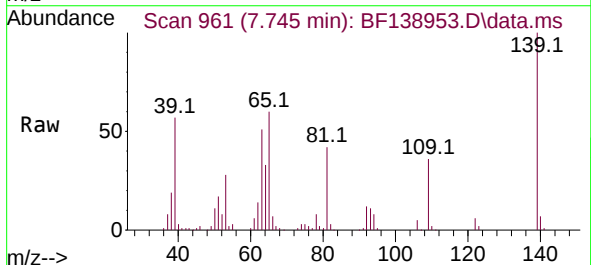
Manual Integrations
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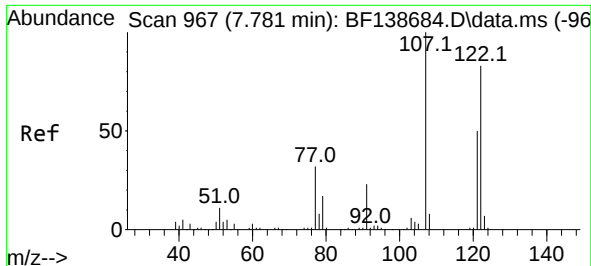
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#26
2-Nitrophenol
Concen: 66.473 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

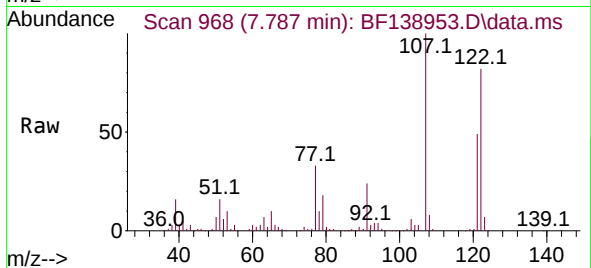
Tgt Ion:139 Resp: 105440
Ion Ratio Lower Upper
139 100
109 36.1 25.9 38.9
65 59.7 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 72.812 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

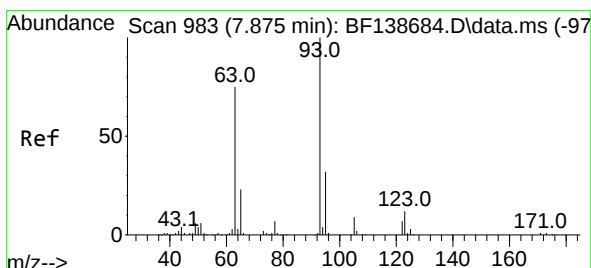
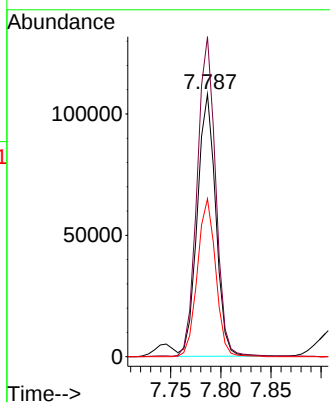
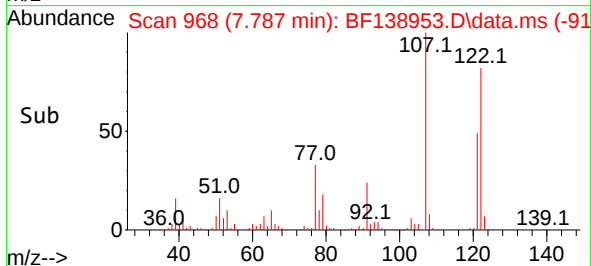
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:122 Resp: 13818
Ion Ratio Lower Upper
122 100
107 121.9 95.0 142.6
121 60.1 47.3 70.9

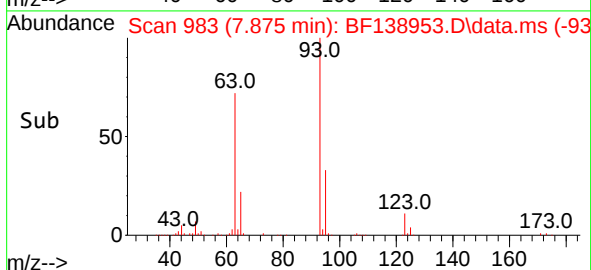
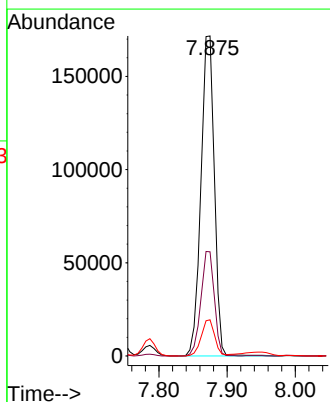
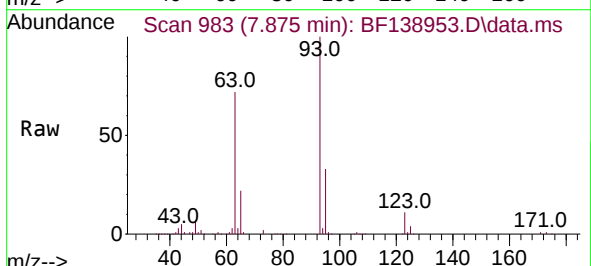
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 62.600 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Tgt Ion: 93 Resp: 235849
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 11.3 9.4 14.0





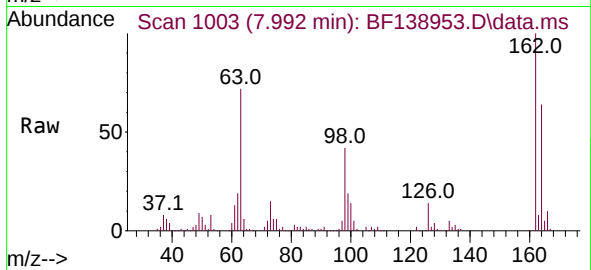
#29
2,4-Dichlorophenol
Concen: 68.073 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS



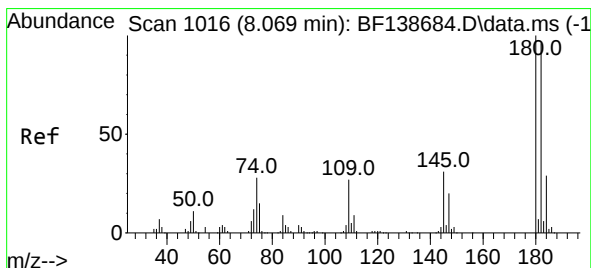
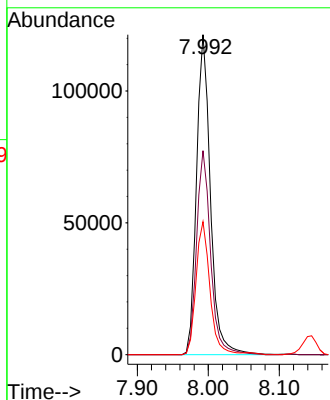
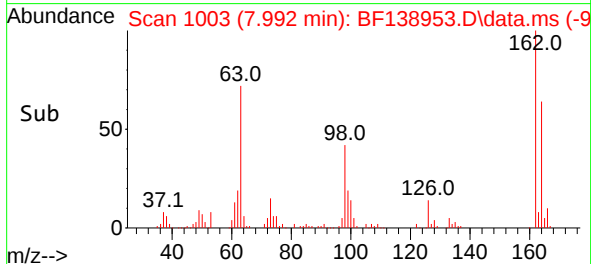
Tgt Ion:162 Resp: 166010
Ion Ratio Lower Upper
162 100
164 63.8 44.7 84.7
98 41.6 20.8 60.8

Manual Integrations

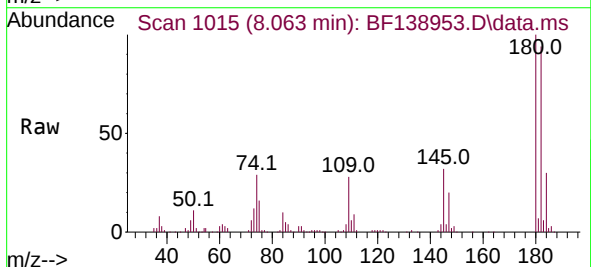
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

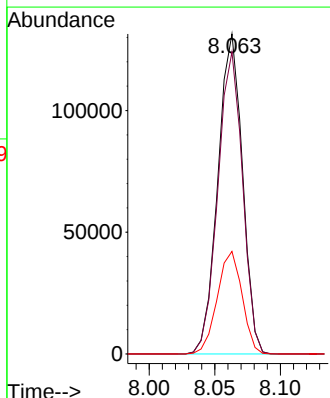
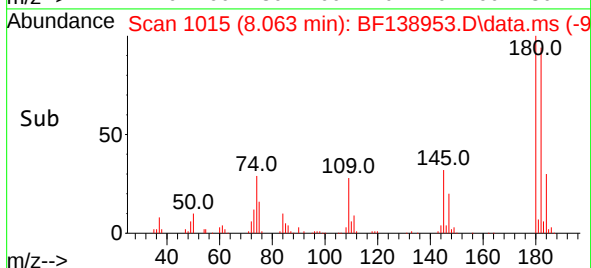
Supervised By :mohammad ahmed 08/13/2024

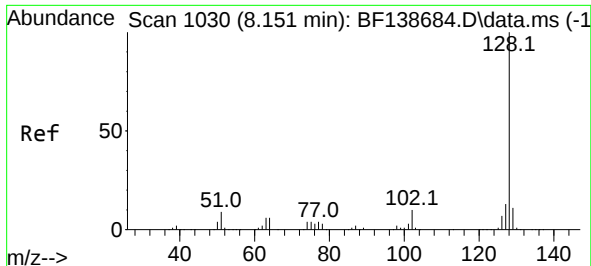


#30
1,2,4-Trichlorobenzene
Concen: 60.807 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



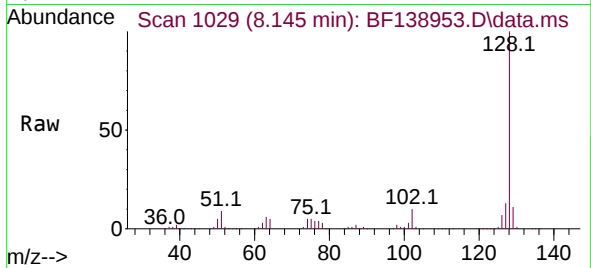
Tgt Ion:180 Resp: 171132
Ion Ratio Lower Upper
180 100
182 94.4 76.9 115.3
145 32.1 25.0 37.4





#31
Naphthalene
Concen: 61.325 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

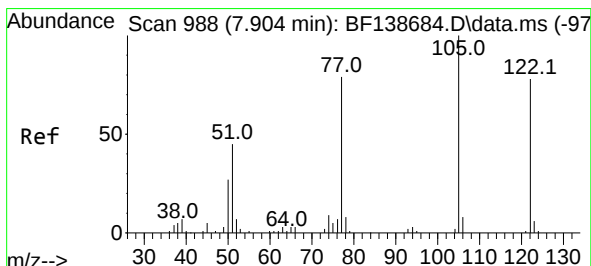
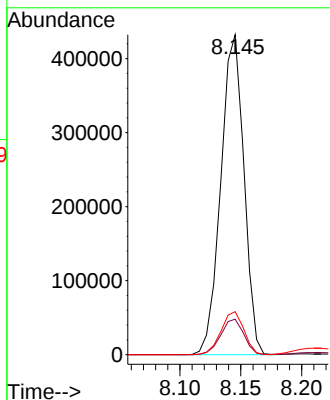
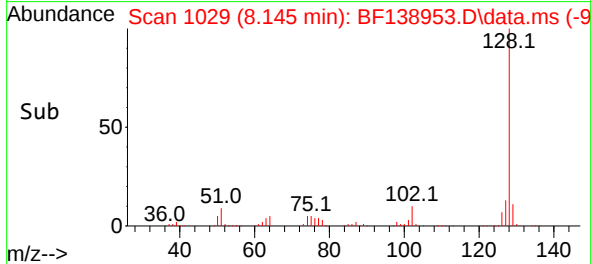
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



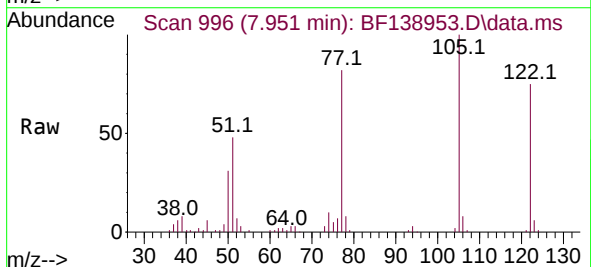
Tgt Ion:128 Resp: 571810
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.6 16.0

Manual Integrations
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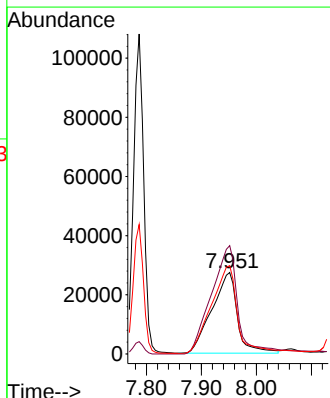
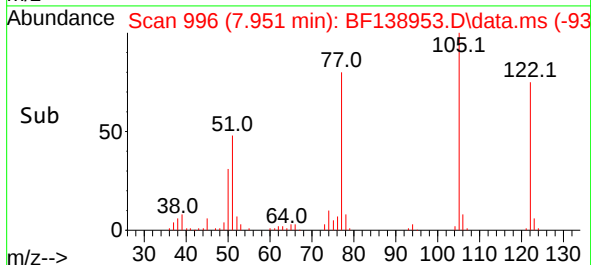
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

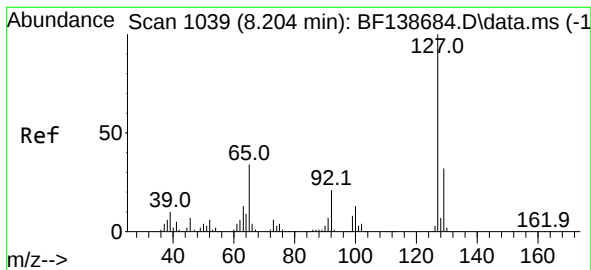


#32
Benzoic acid
Concen: 59.001 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.047 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



Tgt Ion:122 Resp: 88020
Ion Ratio Lower Upper
122 100
105 133.1 106.7 146.7
77 108.5 81.1 121.1





#33

4-Chloroaniline

Concen: 9.501 ng

RT: 8.210 min Scan# 1039

Delta R.T. 0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS

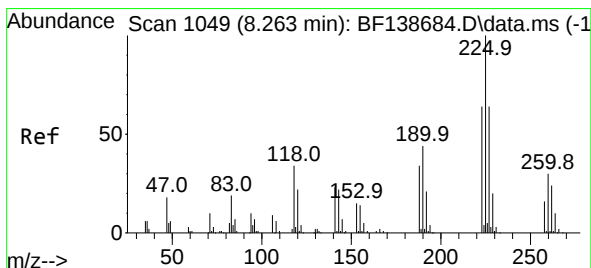
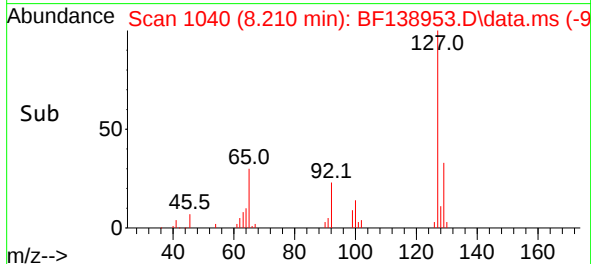
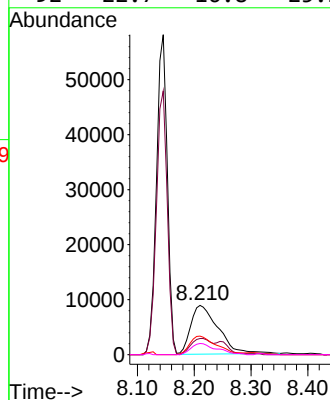
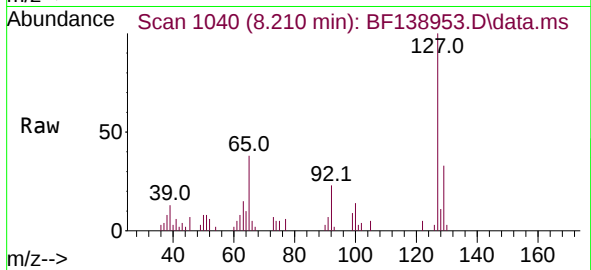
Tgt Ion:	127	Resp:	29738
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	37.7	27.6	41.4
92	22.7	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#34

Hexachlorobutadiene

Concen: 59.692 ng

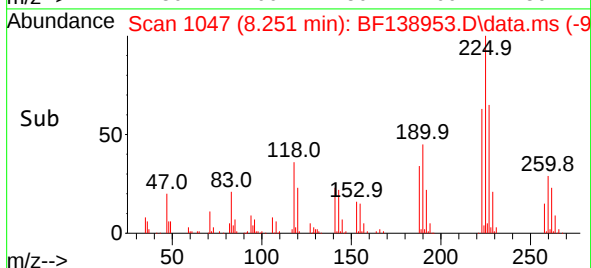
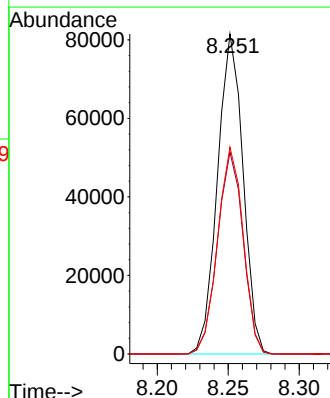
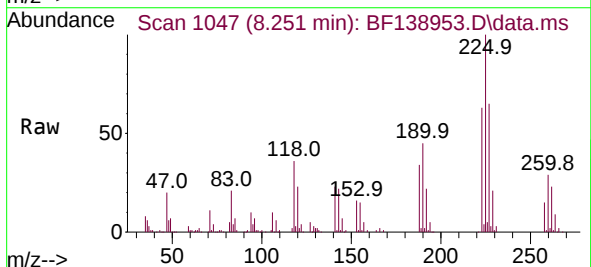
RT: 8.251 min Scan# 1047

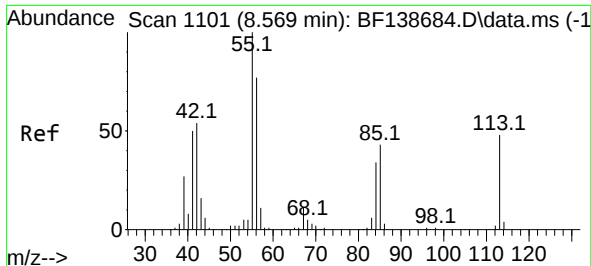
Delta R.T. -0.012 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

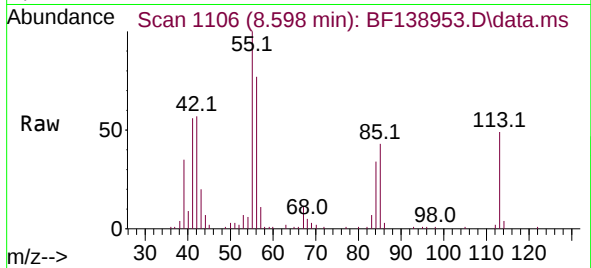
Tgt Ion:	225	Resp:	101752
Ion Ratio	Lower	Upper	
225	100		
223	63.0	51.2	76.8
227	64.6	51.1	76.7





#35
Caprolactam
Concen: 53.792 ng m
RT: 8.598 min Scan# 1106
Delta R.T. 0.029 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

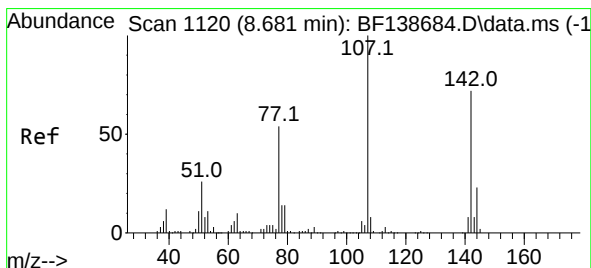
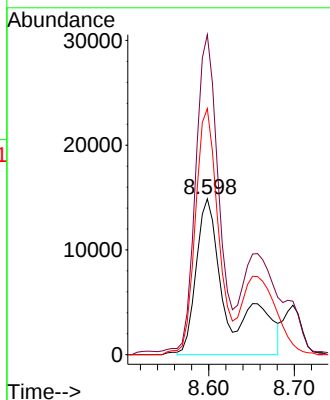
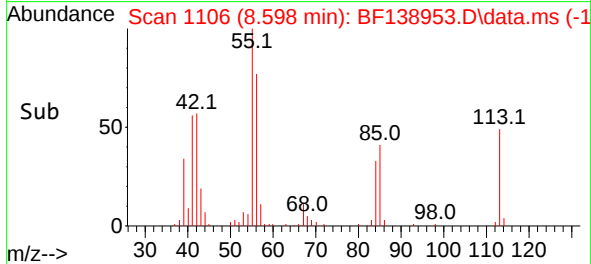
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:113 Resp: 3914
Ion Ratio Lower Upper
113 100
55 205.4 186.7 226.7
56 157.9 138.9 178.9

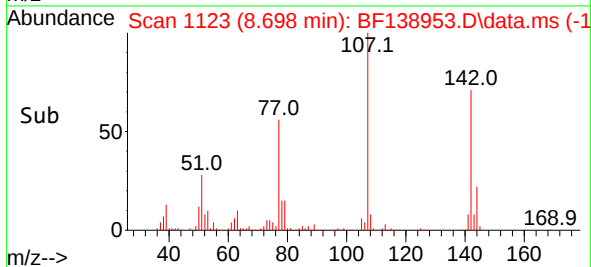
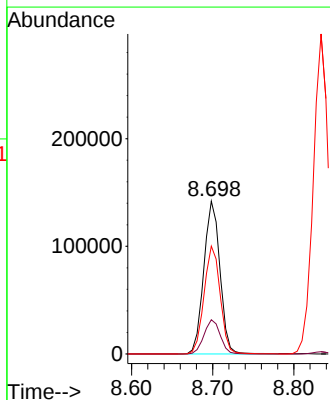
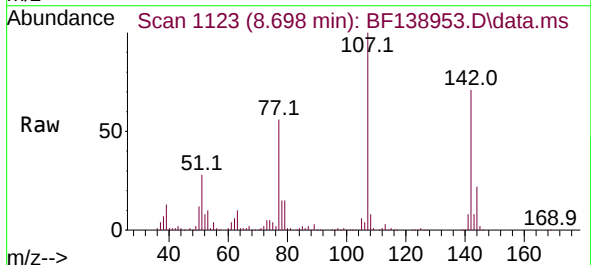
Manual Integrations
APPROVED

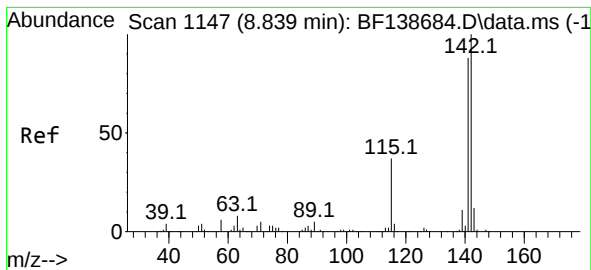
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#36
4-Chloro-3-methylphenol
Concen: 70.494 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

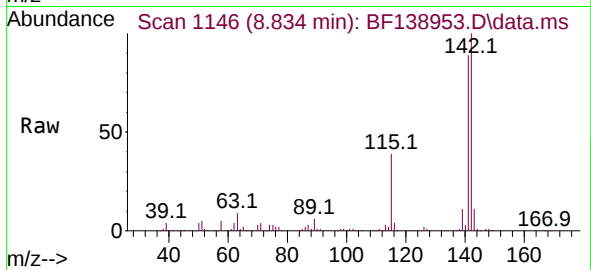
Tgt Ion:107 Resp: 196472
Ion Ratio Lower Upper
107 100
144 22.4 18.2 27.2
142 70.6 57.4 86.2





#37
2-Methylnaphthalene
Concen: 65.372 ng
RT: 8.834 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

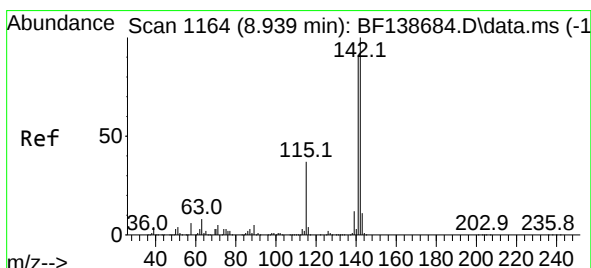
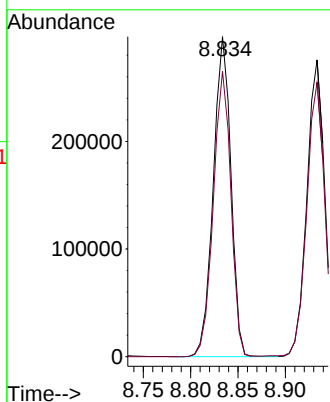
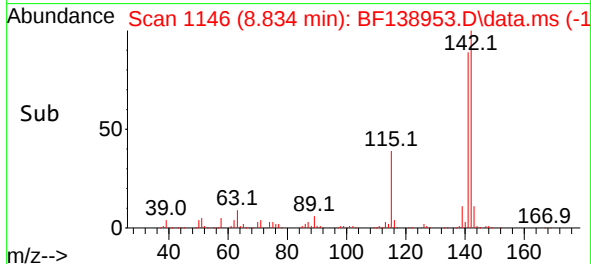
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:142 Resp: 38496
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2

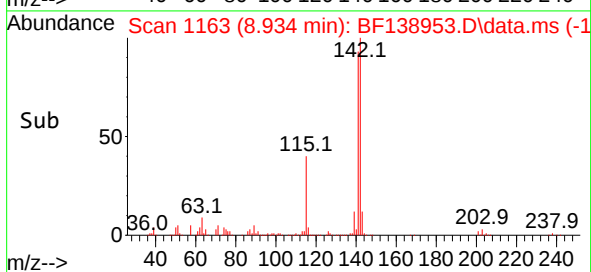
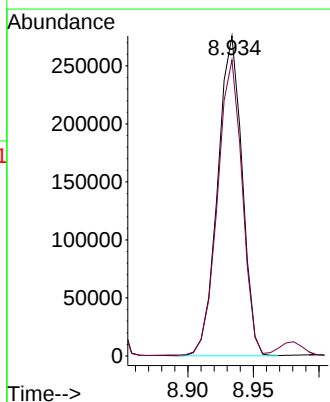
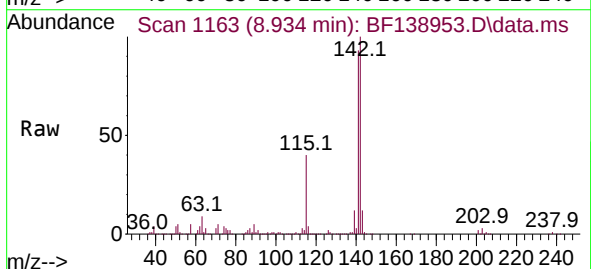
Manual Integrations
APPROVED

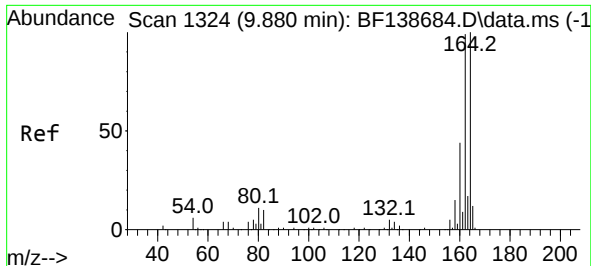
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#38
1-Methylnaphthalene
Concen: 61.871 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Tgt Ion:142 Resp: 357023
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1114

Delta R.T. -0.005 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

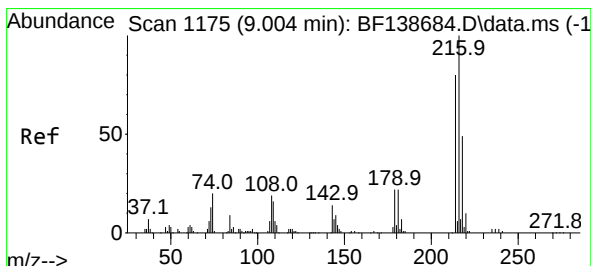
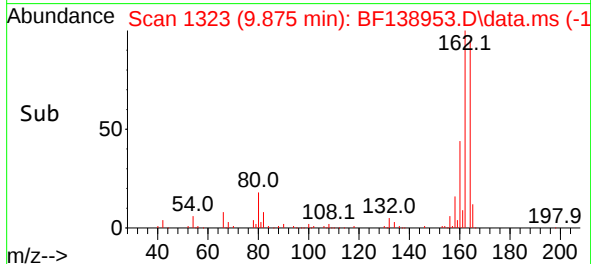
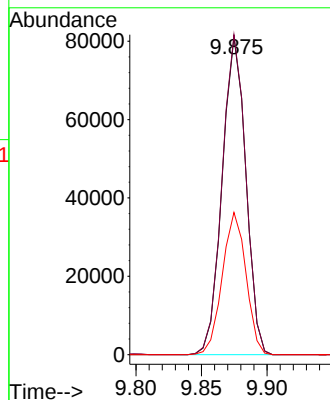
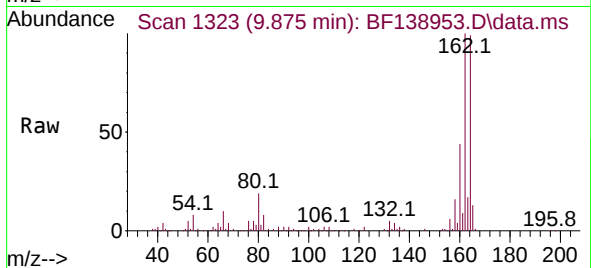
ClientSampleId :

ARS20-0019MS

Tgt Ion:164 Resp: 101549
 Ion Ratio Lower Upper
 164 100
 162 100.8 79.4 119.0
 160 44.8 35.1 52.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.558 ng

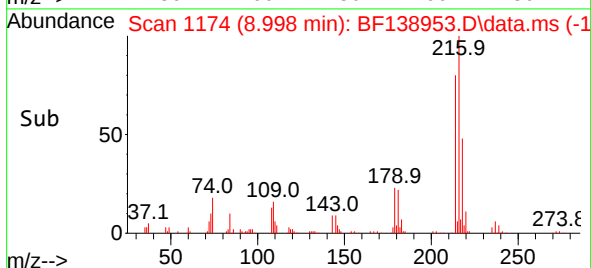
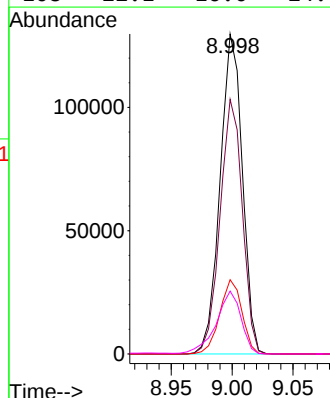
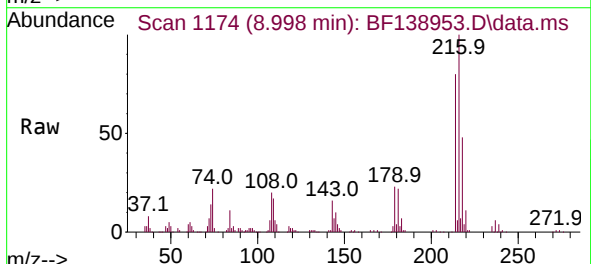
RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

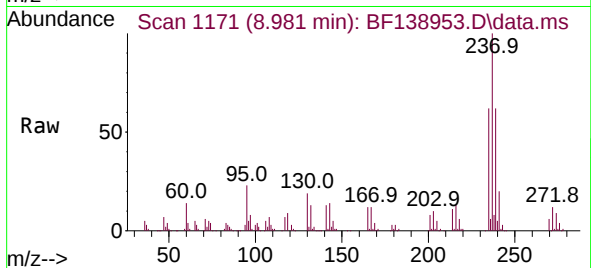
Tgt Ion:216 Resp: 165180
 Ion Ratio Lower Upper
 216 100
 214 79.6 63.9 95.9
 179 23.1 17.8 26.6
 108 22.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 154.891 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

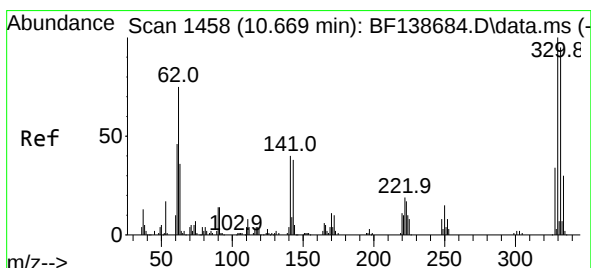
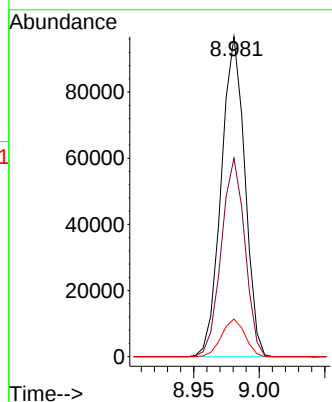
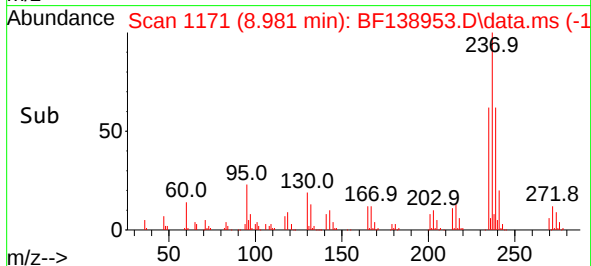
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



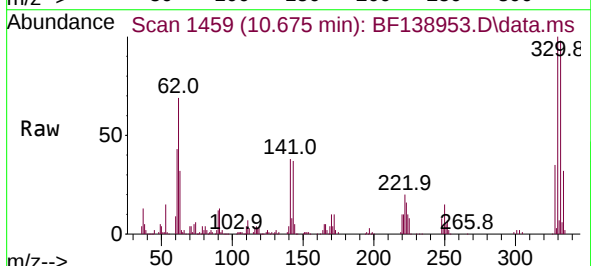
Tgt Ion:237 Resp: 120978
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 11.8 0.0 32.2

Manual Integrations
APPROVED

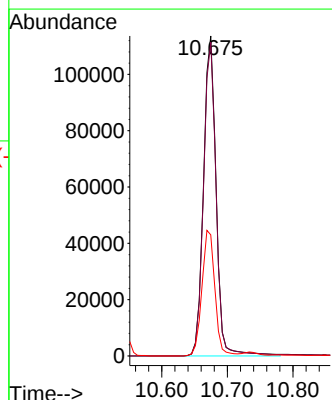
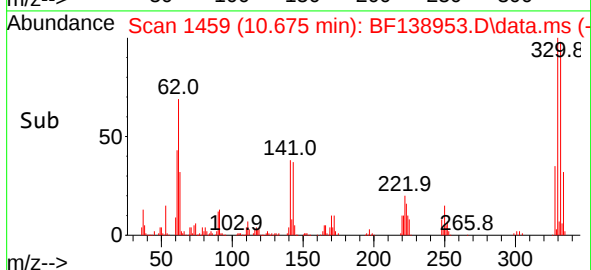
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

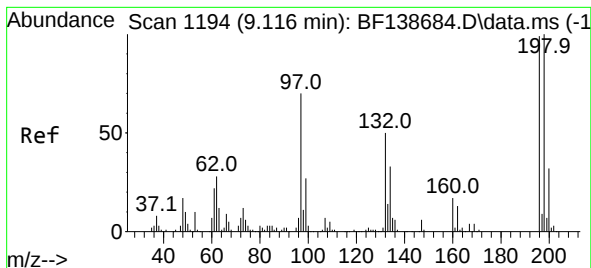


#42
2,4,6-Tribromophenol
Concen: 183.782 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



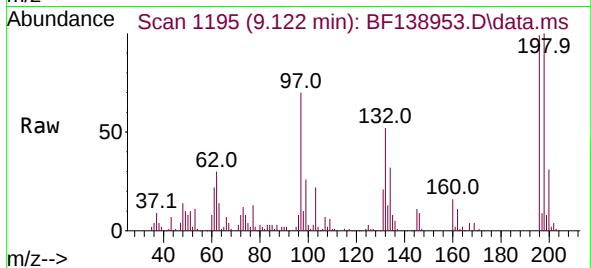
Tgt Ion:330 Resp: 152868
Ion Ratio Lower Upper
330 100
332 98.7 76.4 114.6
141 40.3 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 65.309 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

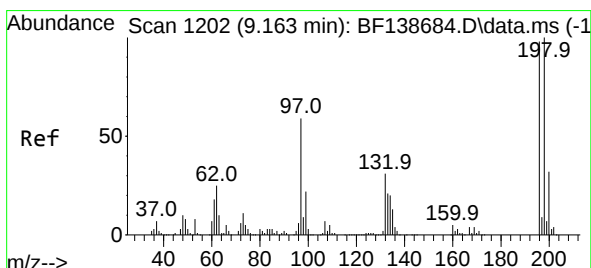
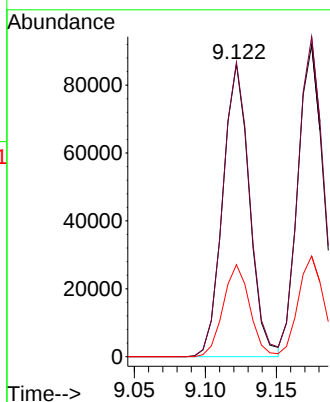
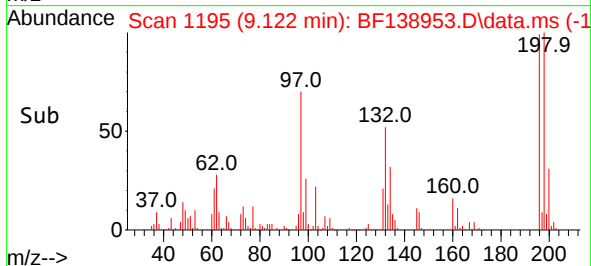
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



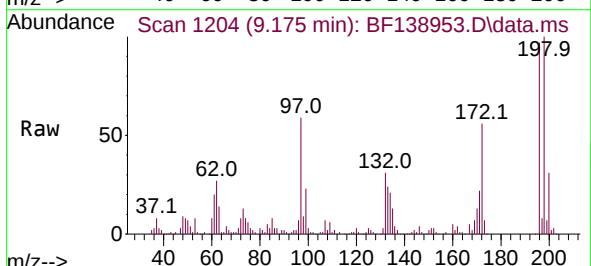
Tgt Ion:196 Resp: 112324
Ion Ratio Lower Upper
196 100
198 100.5 80.5 120.7
200 31.4 25.9 38.9

Manual Integrations
APPROVED

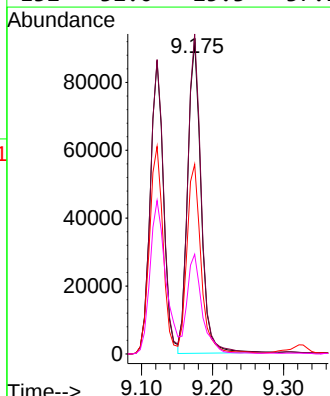
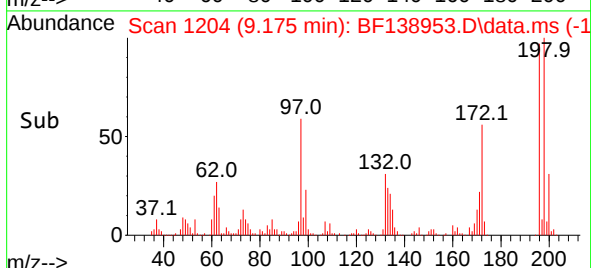
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

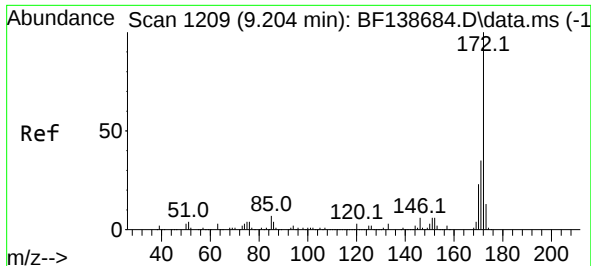


#44
2,4,5-Trichlorophenol
Concen: 63.816 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



Tgt Ion:196 Resp: 119986
Ion Ratio Lower Upper
196 100
198 102.6 81.2 121.8
97 60.8 47.8 71.6
132 32.0 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 114.950 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS

Tgt Ion:172 Resp: 77688

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

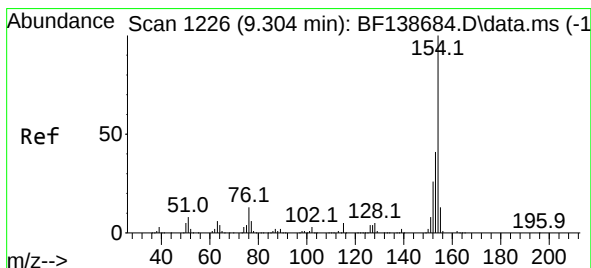
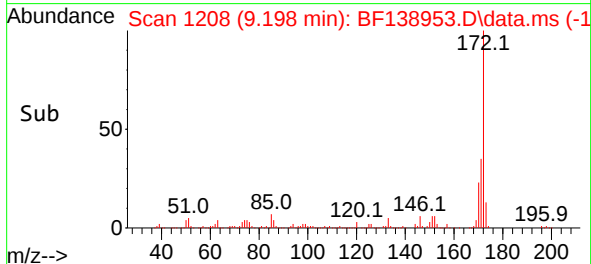
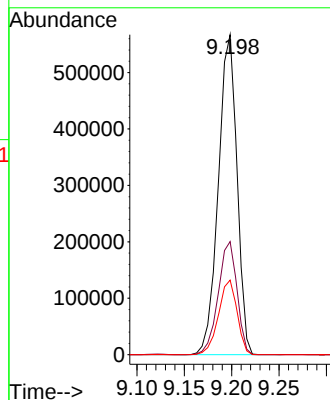
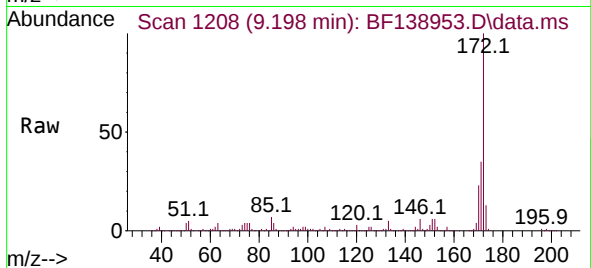
170 23.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#46

1,1'-Biphenyl

Concen: 58.299 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

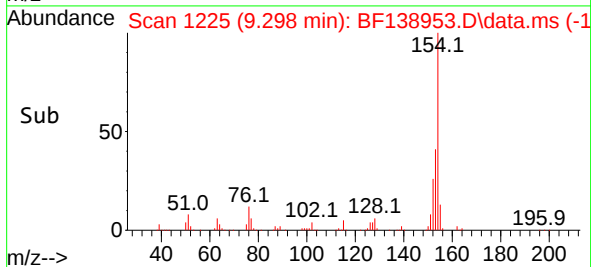
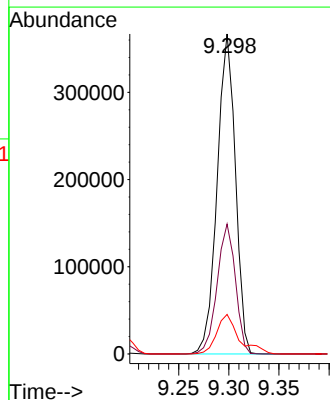
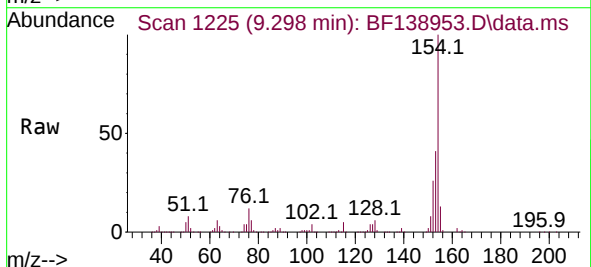
Tgt Ion:154 Resp: 463644

Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 12.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 62.237 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

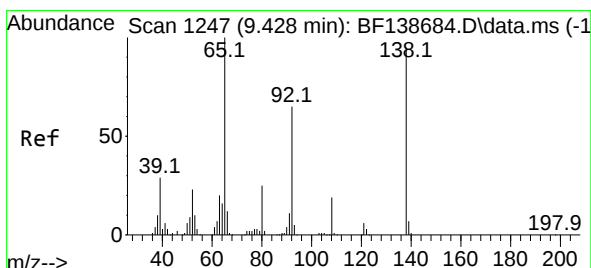
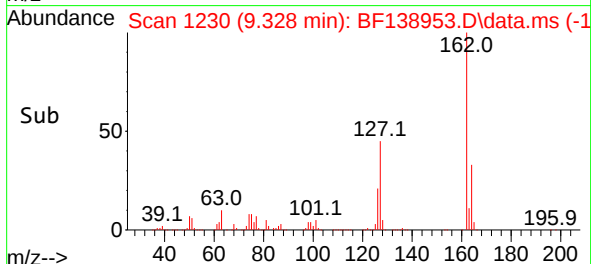
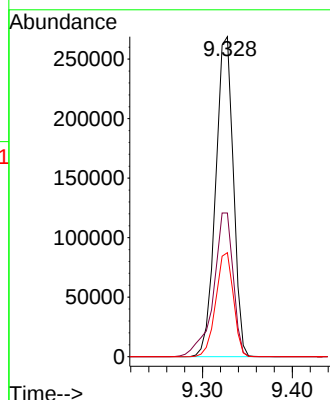
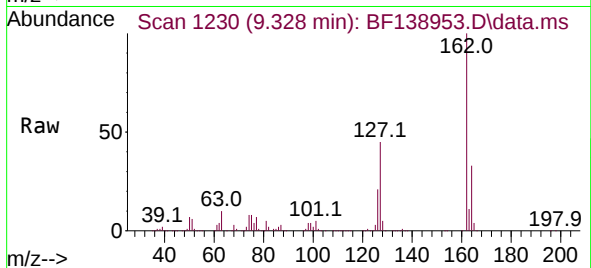
ARS20-0019MS

Tgt Ion:162 Resp: 36812
 Ion Ratio Lower Upper
 162 100
 127 44.9 35.4 53.2
 164 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#48

2-Nitroaniline

Concen: 63.290 ng

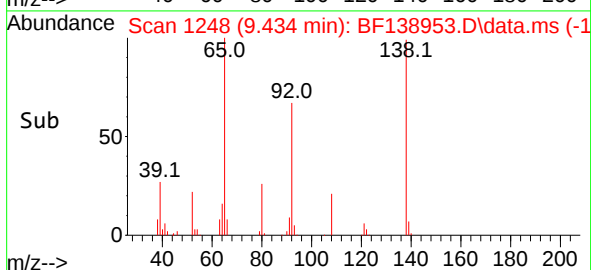
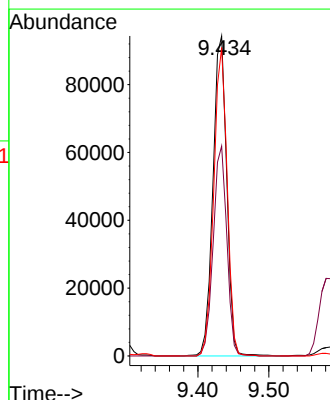
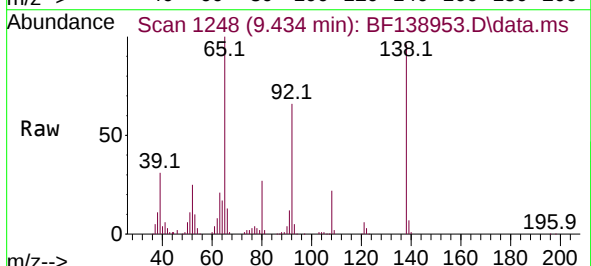
RT: 9.434 min Scan# 1248

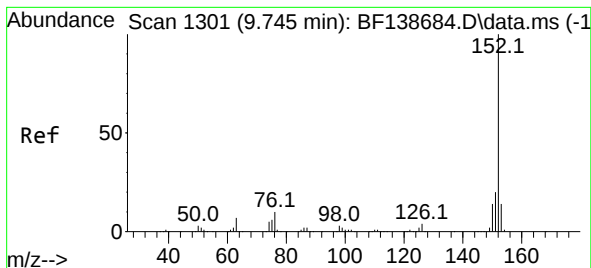
Delta R.T. 0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Tgt Ion: 65 Resp: 126907
 Ion Ratio Lower Upper
 65 100
 92 65.6 52.0 78.0
 138 96.4 76.2 114.4





#49

Acenaphthylene

Concen: 68.804 ng

RT: 9.739 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

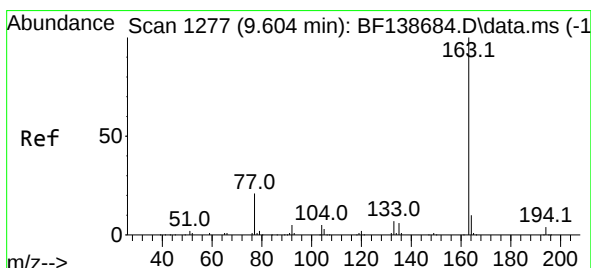
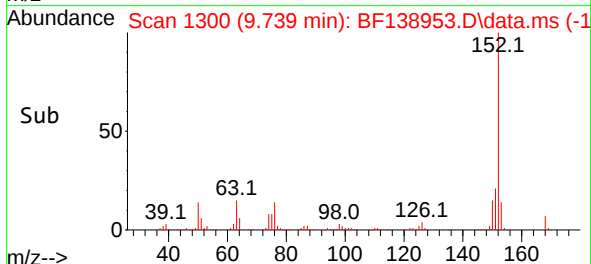
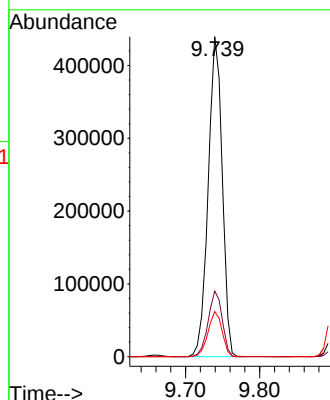
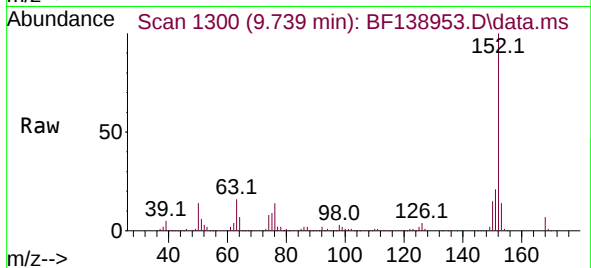
ARS20-0019MS

Tgt Ion:152 Resp: 577190
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.0 24.0
 153 14.1 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#50

Dimethylphthalate

Concen: 73.652 ng

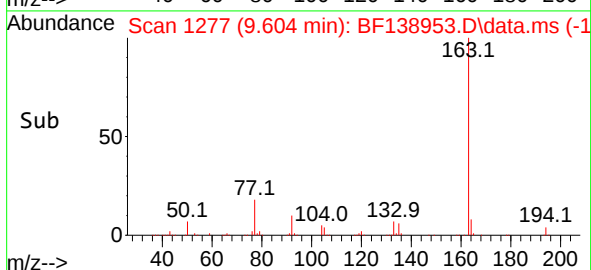
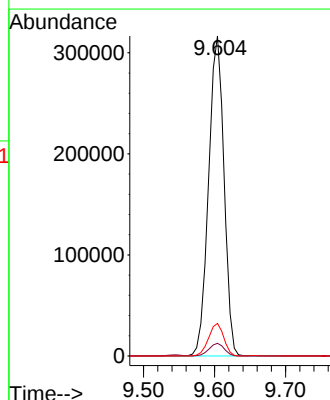
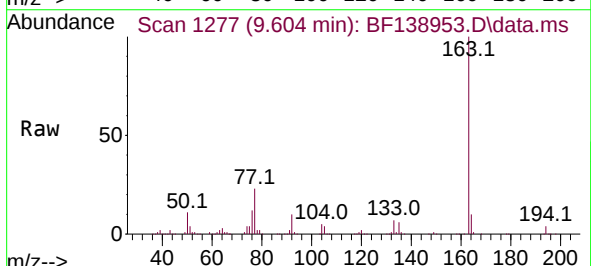
RT: 9.604 min Scan# 1277

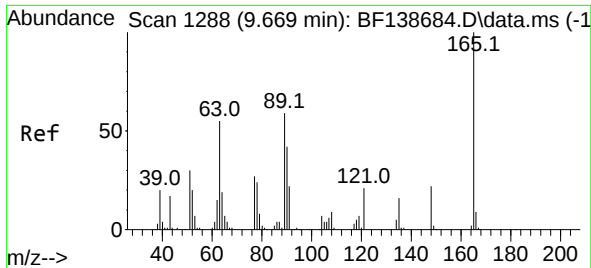
Delta R.T. 0.000 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

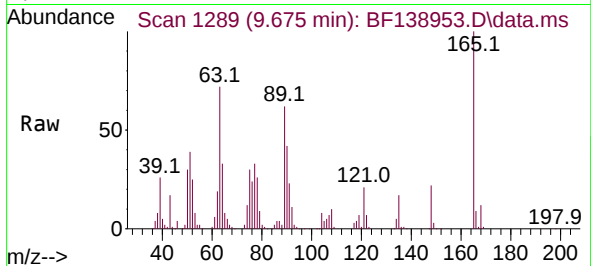
Tgt Ion:163 Resp: 478217
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.1 4.7
 164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 67.063 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

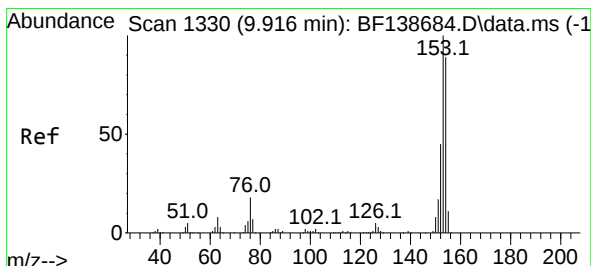
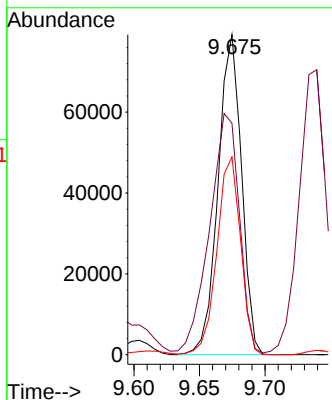
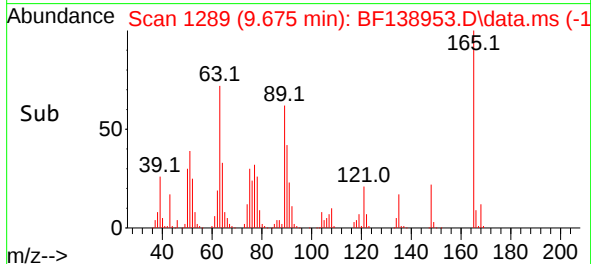
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



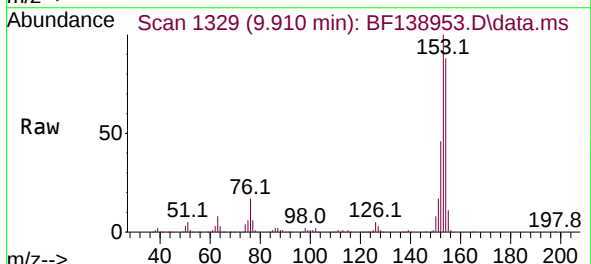
Tgt Ion:165 Resp: 98269
Ion Ratio Lower Upper
165 100
63 72.3 52.0 78.0
89 61.8 47.0 70.6

Manual Integrations
APPROVED

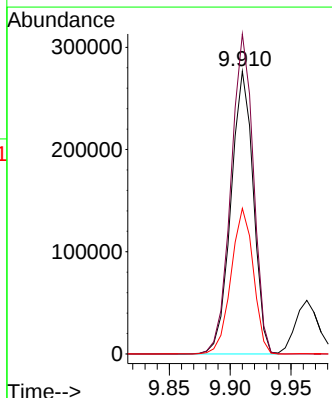
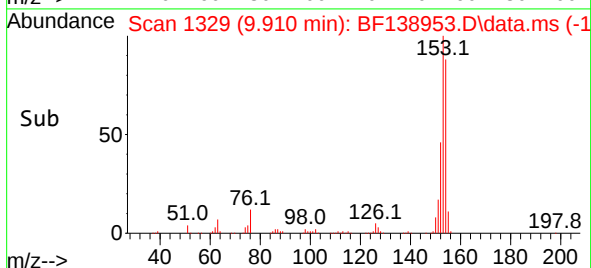
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

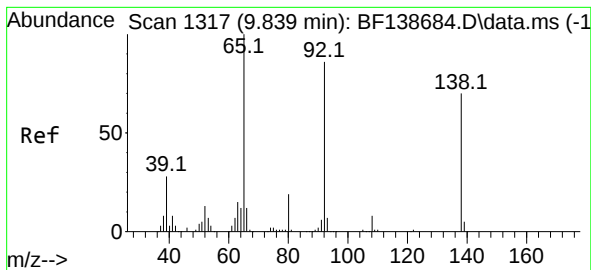


#52
Acenaphthene
Concen: 62.710 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



Tgt Ion:154 Resp: 353633
Ion Ratio Lower Upper
154 100
153 113.2 89.9 134.9
152 51.5 40.6 60.8





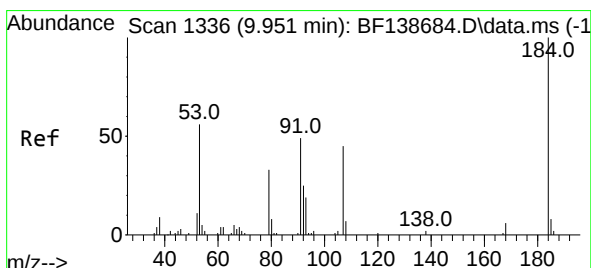
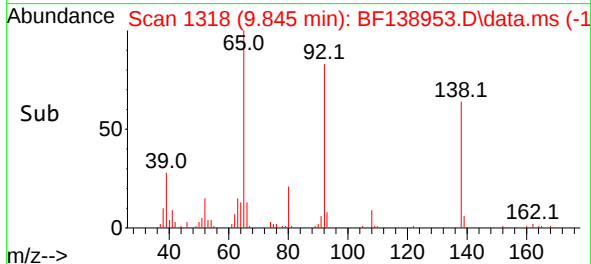
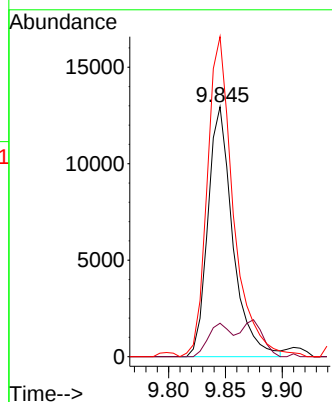
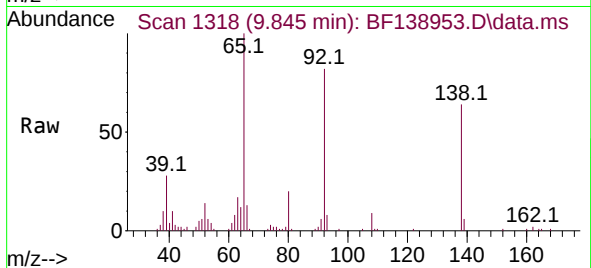
#53
3-Nitroaniline
Concen: 13.030 ng
RT: 9.845 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS

Tgt Ion:138 Resp: 19738
Ion Ratio Lower Upper
138 100
108 13.4 9.1 13.7
92 128.0 98.7 148.1

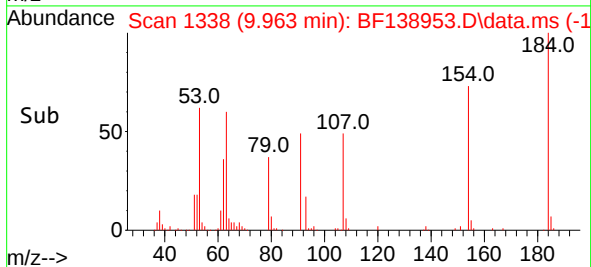
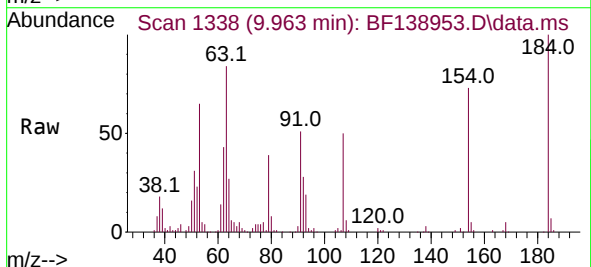
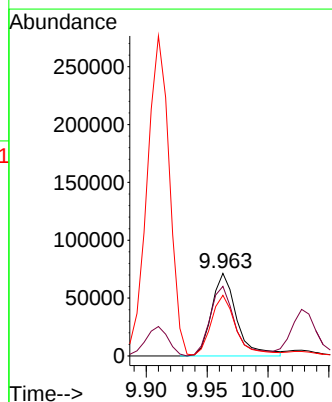
Manual Integrations
APPROVED

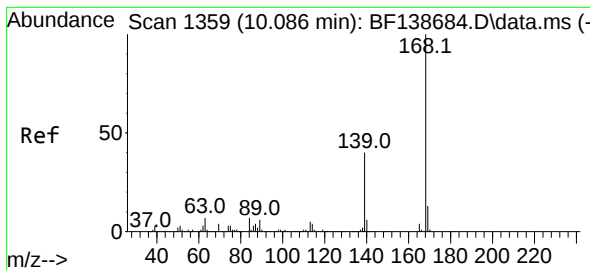
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#54
2,4-Dinitrophenol
Concen: 151.398 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

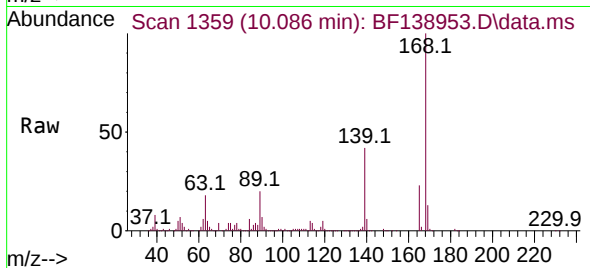
Tgt Ion:184 Resp: 102124
Ion Ratio Lower Upper
184 100
63 84.3 57.5 86.3
154 73.5 51.7 77.5





#55
Dibenzofuran
Concen: 66.202 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

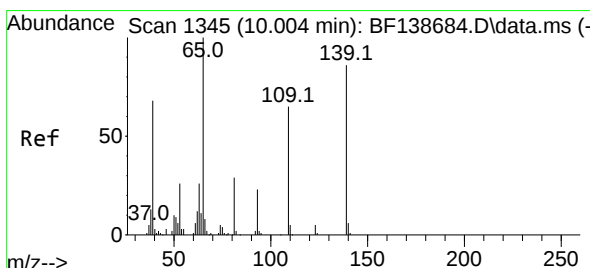
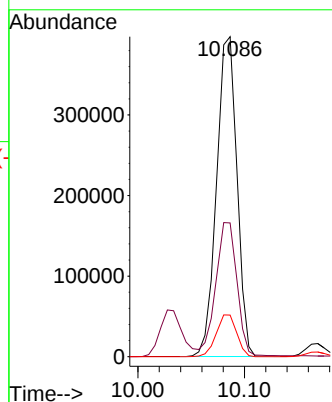
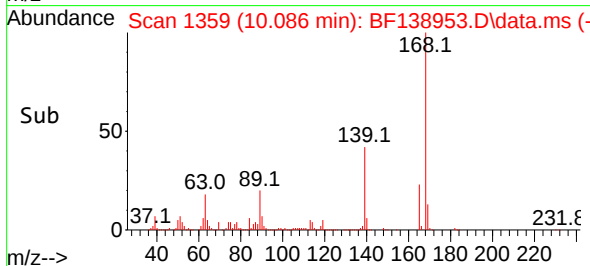
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:168 Resp: 526989
Ion Ratio Lower Upper
168 100
139 41.8 32.6 49.0
169 13.0 10.7 16.1

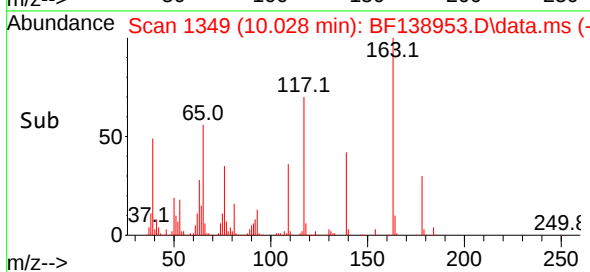
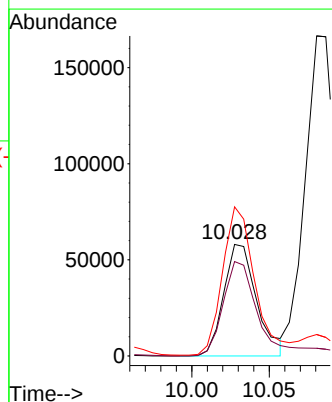
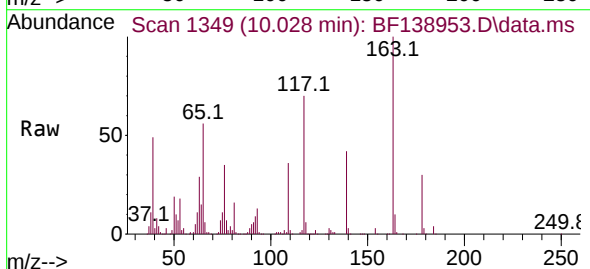
Manual Integrations
APPROVED

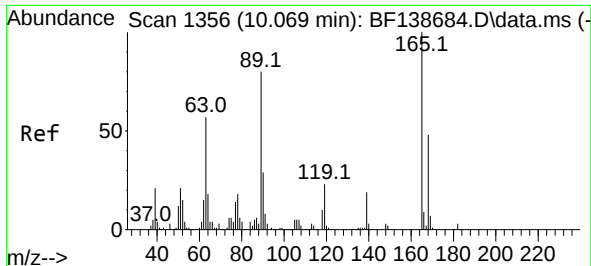
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#56
4-Nitrophenol
Concen: 94.096 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

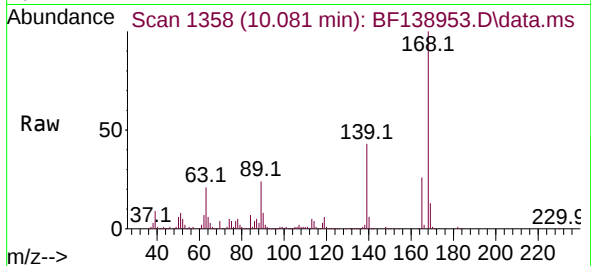
Tgt Ion:139 Resp: 85716
Ion Ratio Lower Upper
139 100
109 84.7 55.5 95.5
65 133.7 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 69.878 ng
RT: 10.081 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

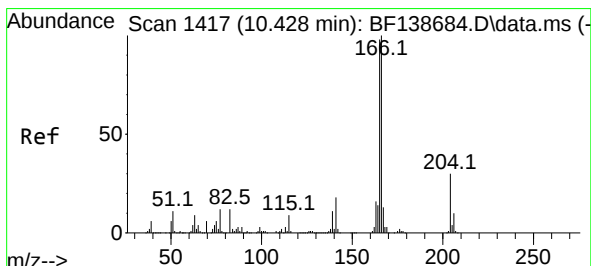
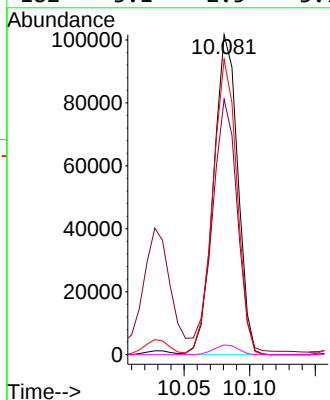
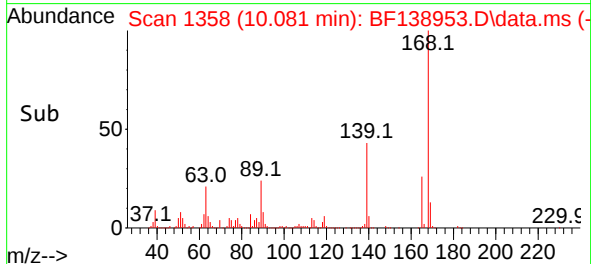
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:165 Resp: 130639
Ion Ratio Lower Upper
165 100
63 79.8 46.3 69.5
89 92.3 64.2 96.4
182 3.1 2.5 3.7

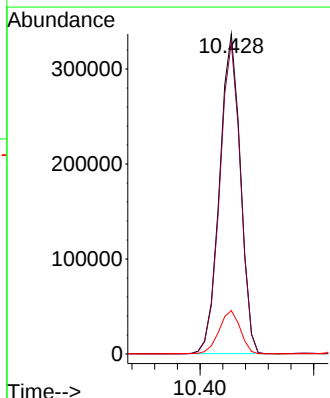
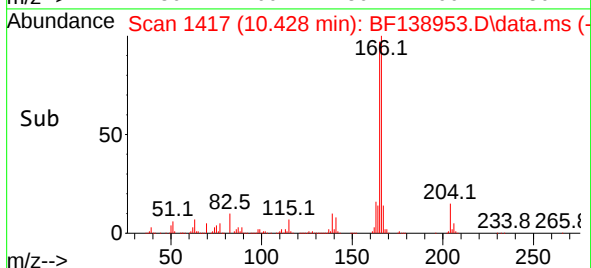
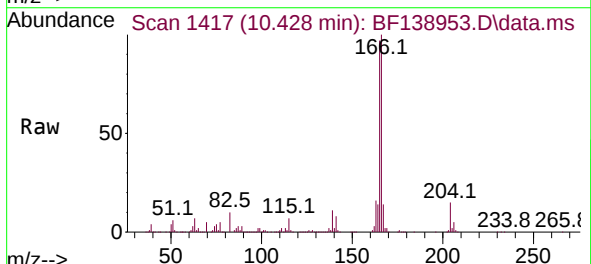
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#58
Fluorene
Concen: 67.609 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

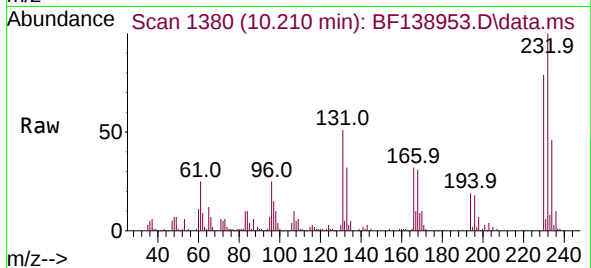
Tgt Ion:166 Resp: 428578
Ion Ratio Lower Upper
166 100
165 97.3 78.4 117.6
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 72.254 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

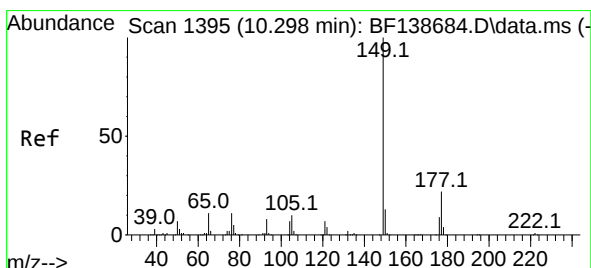
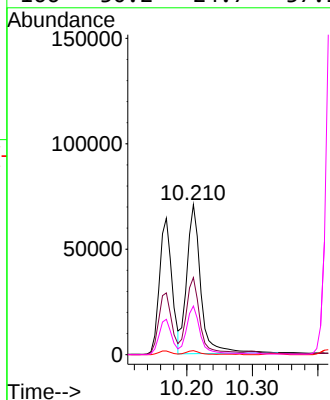
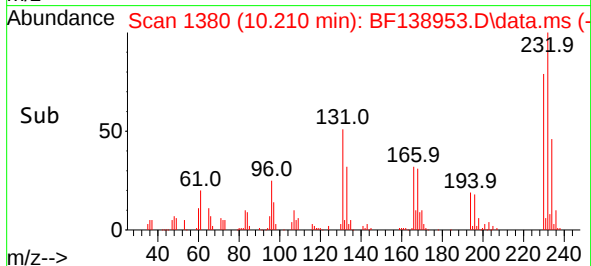
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:232 Resp: 103860
Ion Ratio Lower Upper
232 100
131 51.3 37.0 55.4
130 2.3 2.0 3.0
166 30.2 24.7 37.1

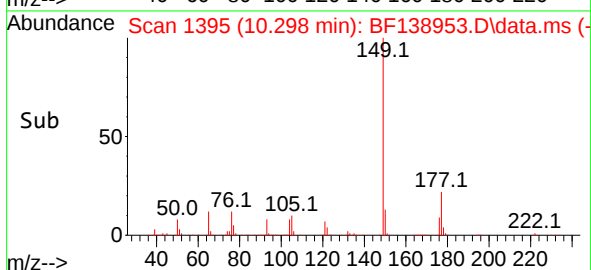
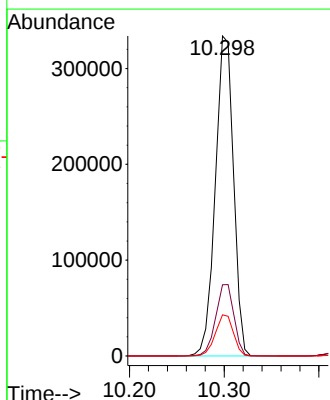
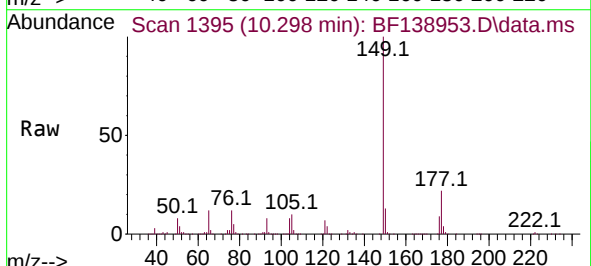
Manual Integrations
APPROVED

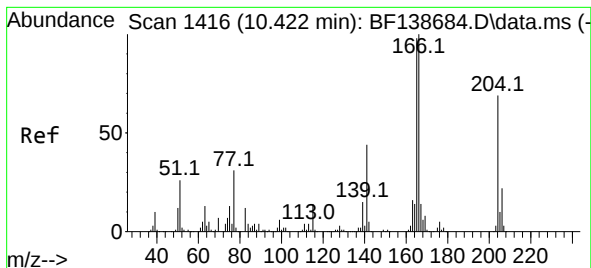
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#60
Diethylphthalate
Concen: 72.467 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

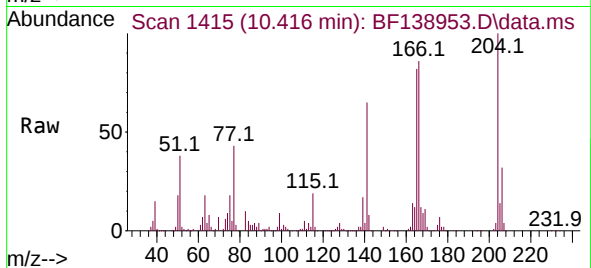
Tgt Ion:149 Resp: 446136
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 68.868 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

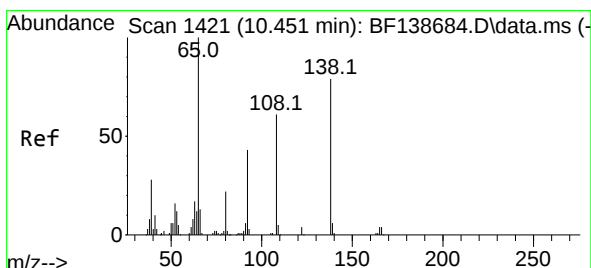
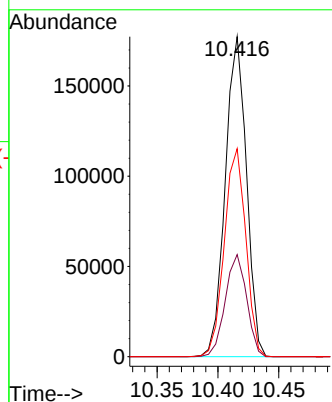
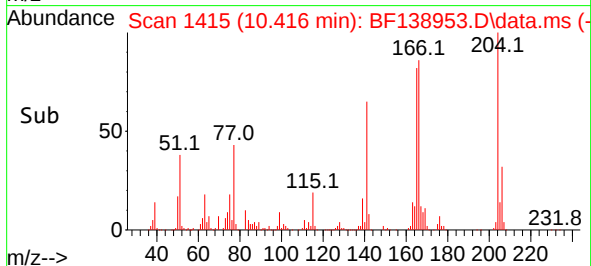
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:204 Resp: 21470
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 65.0 51.4 77.0

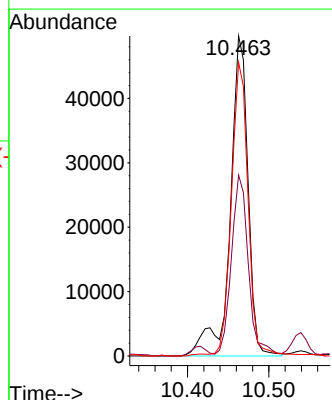
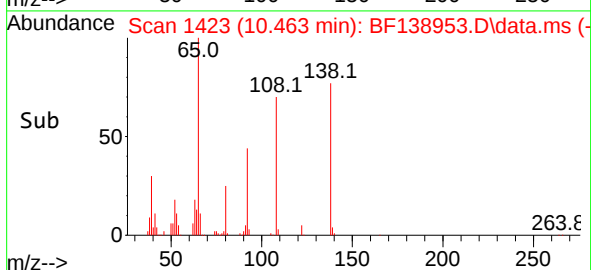
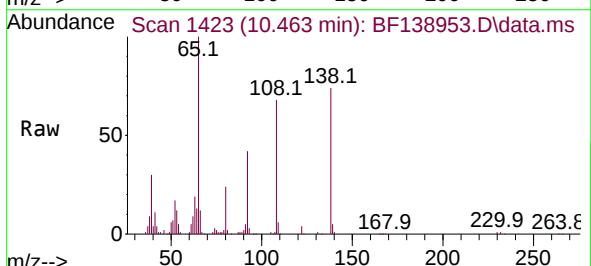
Manual Integrations
APPROVED

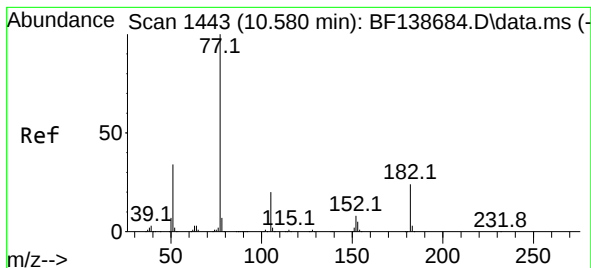
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#62
4-Nitroaniline
Concen: 52.872 ng m
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Tgt Ion:138 Resp: 76112
Ion Ratio Lower Upper
138 100
92 56.5 34.2 74.2
108 91.7 56.2 96.2





#63

Azobenzene

Concen: 67.888 ng

RT: 10.575 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS

Tgt Ion: 77 Resp: 46354

Ion Ratio Lower Upper

77 100

182 23.2 3.4 43.4

105 19.3 0.2 40.2

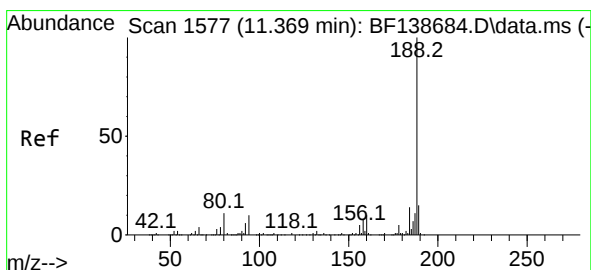
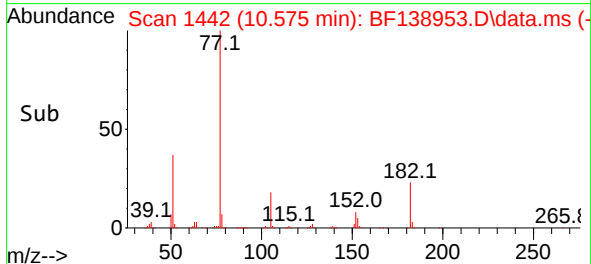
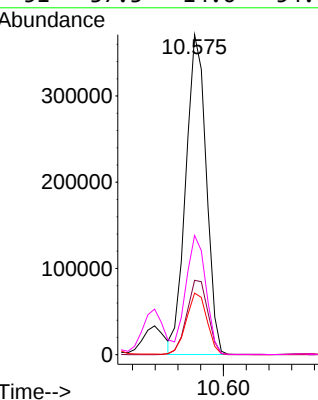
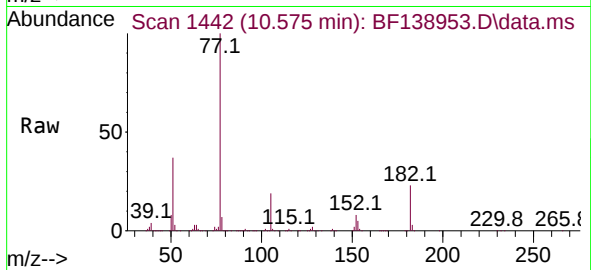
51 37.3 14.6 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

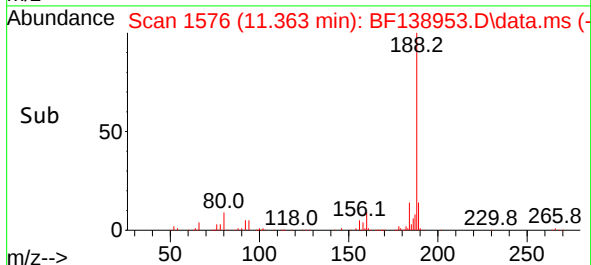
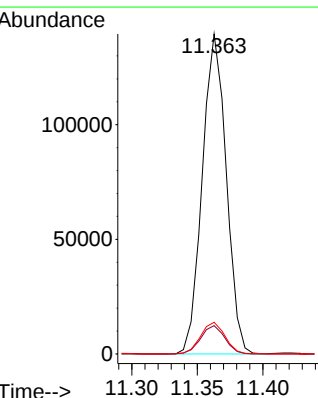
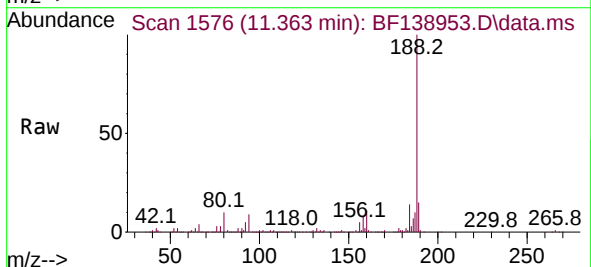
Tgt Ion:188 Resp: 177249

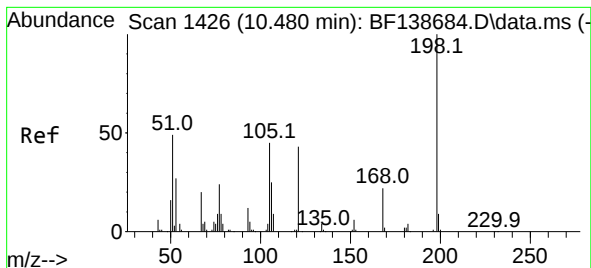
Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

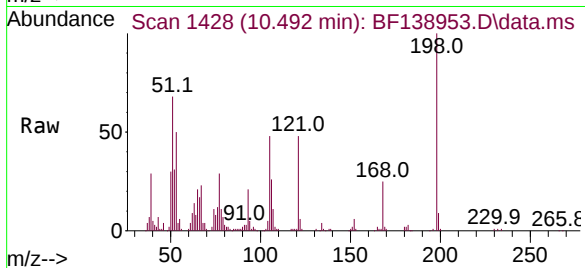
80 9.9 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 70.213 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

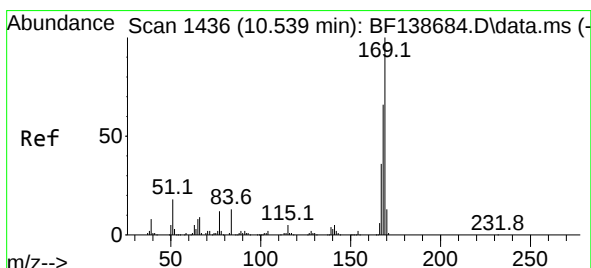
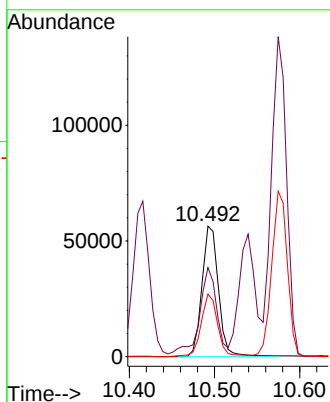
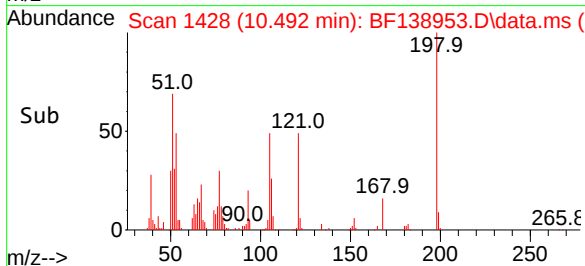
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:198 Resp: 75920
Ion Ratio Lower Upper
198 100
51 68.3 39.9 79.9
105 48.0 26.1 66.1

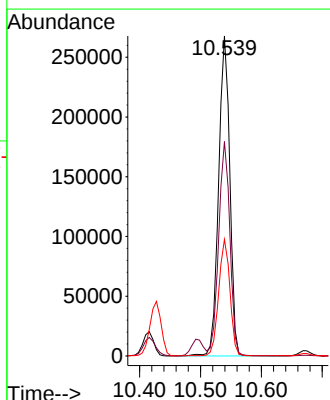
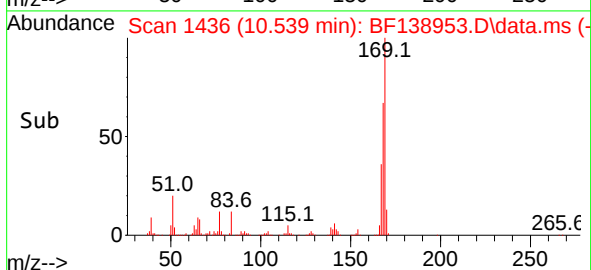
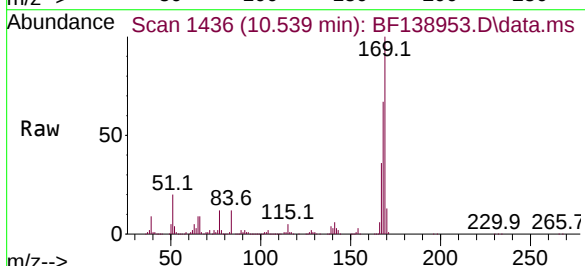
Manual Integrations
APPROVED

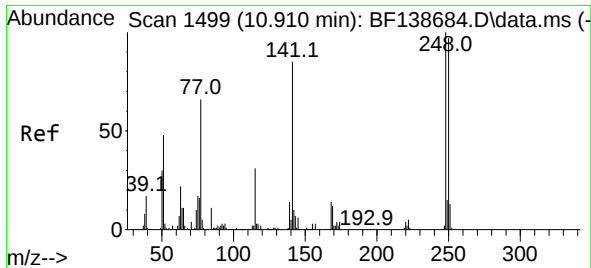
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#66
n-Nitrosodiphenylamine
Concen: 61.615 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

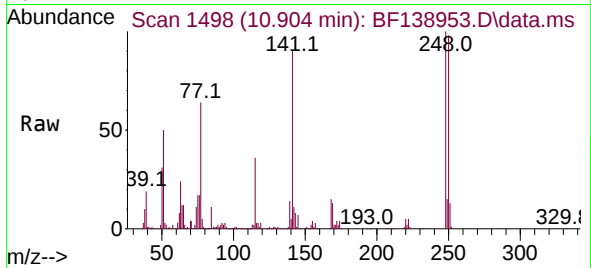
Tgt Ion:169 Resp: 341373
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 63.809 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

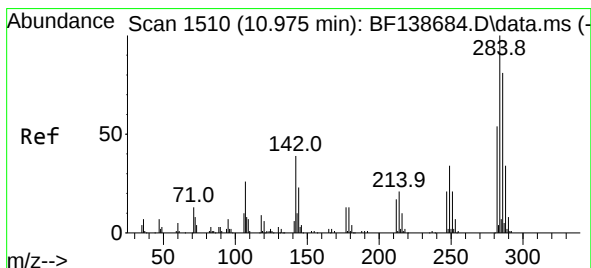
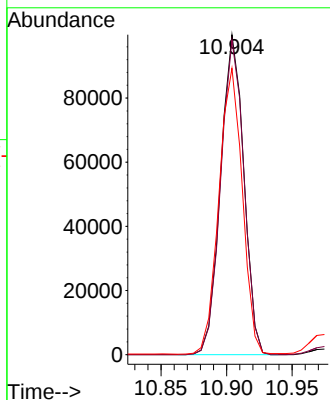
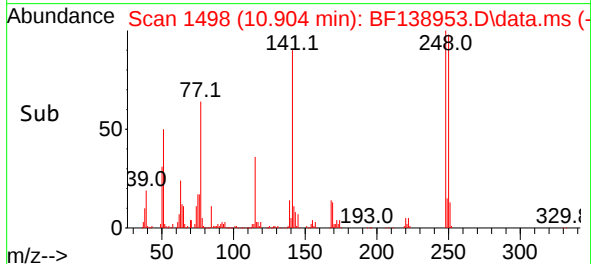
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:248 Resp: 12245
Ion Ratio Lower Upper
248 100
250 98.3 77.7 116.5
141 89.5 68.0 102.0

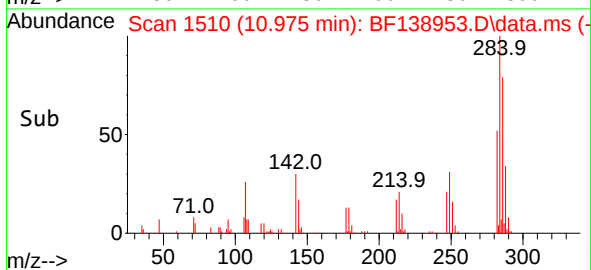
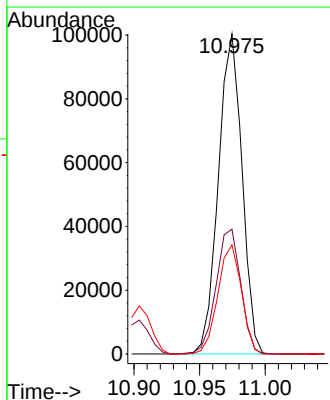
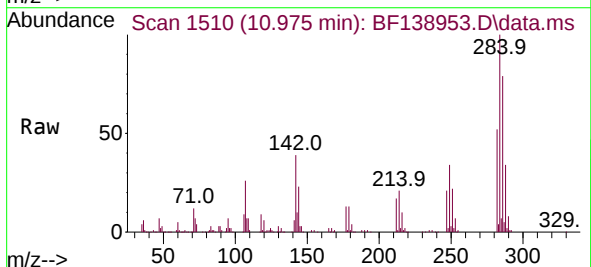
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#68
Hexachlorobenzene
Concen: 63.487 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

Tgt Ion:284 Resp: 125795
Ion Ratio Lower Upper
284 100
142 39.0 31.3 46.9
249 34.1 27.2 40.8





#69

Atrazine

Concen: 52.010 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS

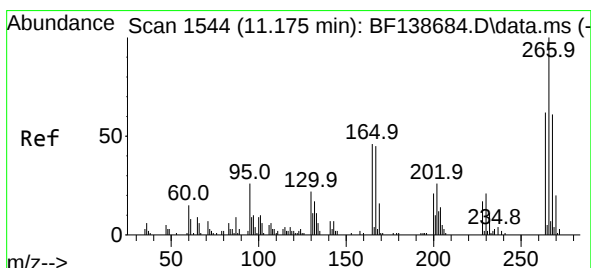
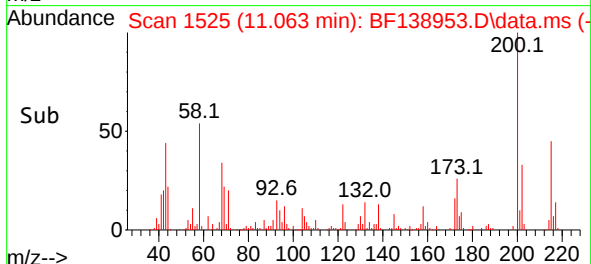
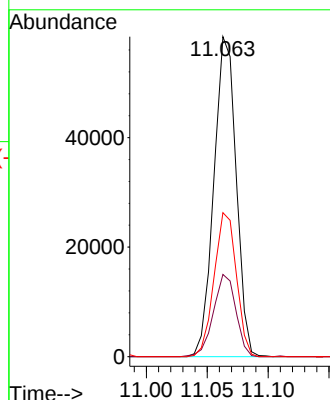
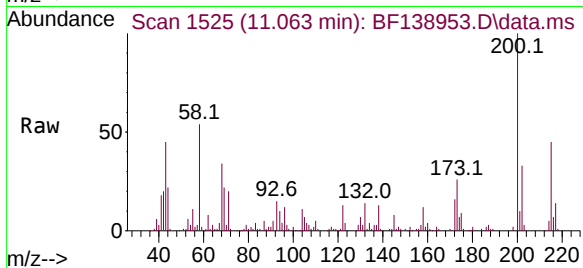
Tgt Ion:200 Resp: 7434
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.0 46.0
 215 45.0 26.1 66.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#70

Pentachlorophenol

Concen: 123.263 ng

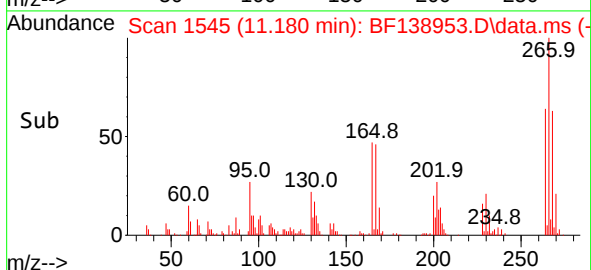
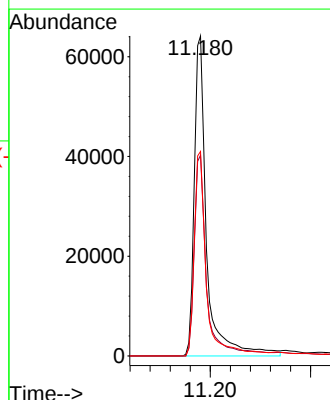
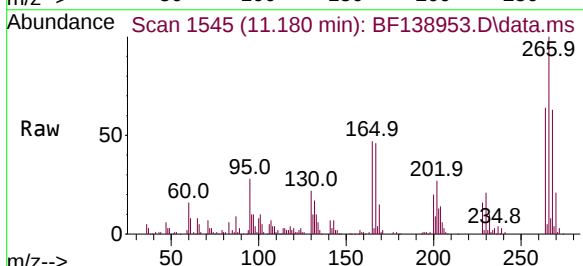
RT: 11.180 min Scan# 1545

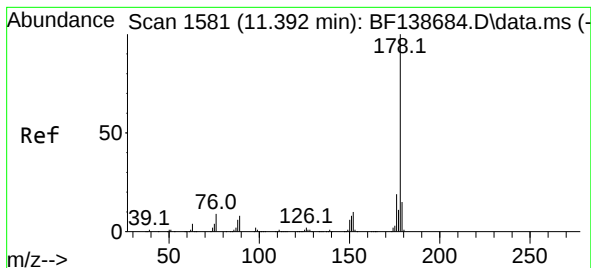
Delta R.T. 0.005 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

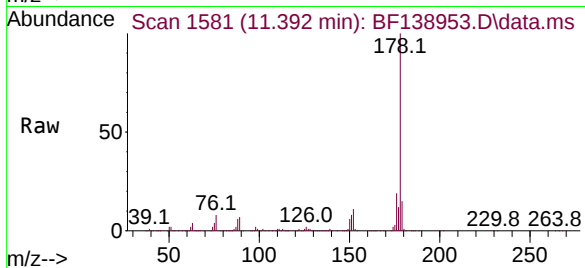
Tgt Ion:266 Resp: 110088
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.2 73.8
 264 63.9 49.8 74.6





#71
Phenanthrene
Concen: 66.192 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

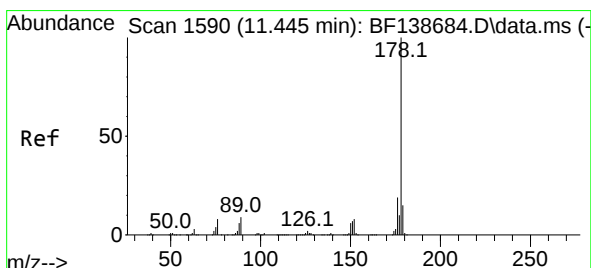
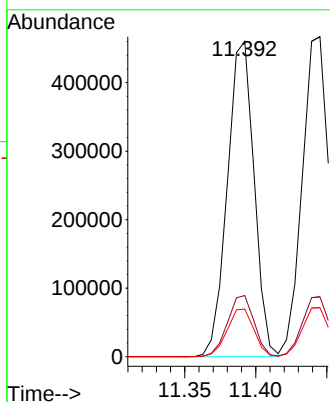
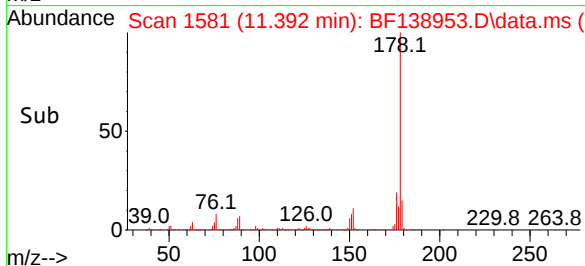
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



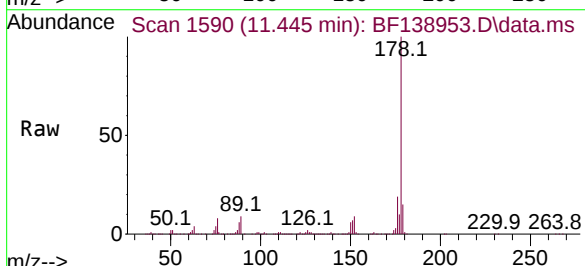
Tgt Ion:178 Resp: 60412
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.1 12.2 18.2

Manual Integrations
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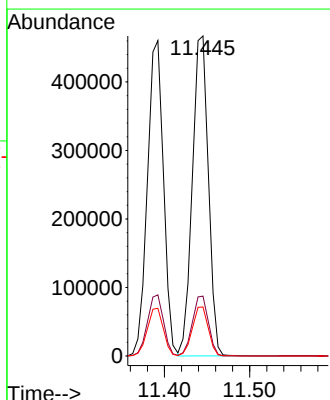
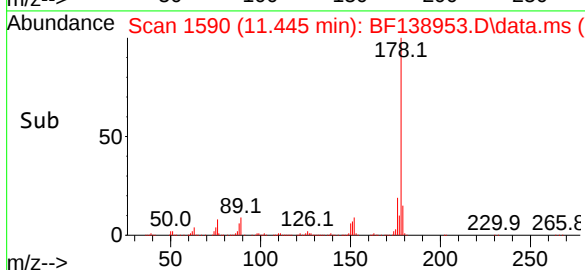
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

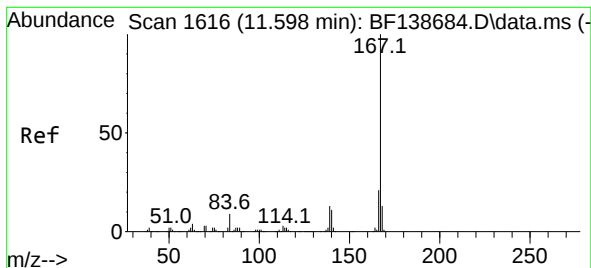


#72
Anthracene
Concen: 67.845 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



Tgt Ion:178 Resp: 610009
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 59.146 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS

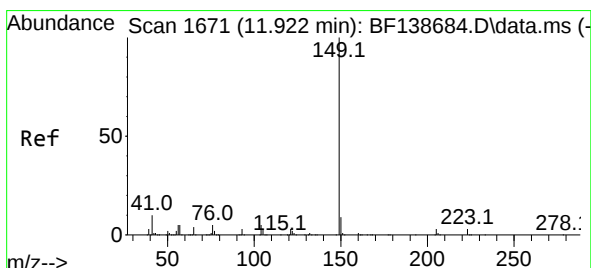
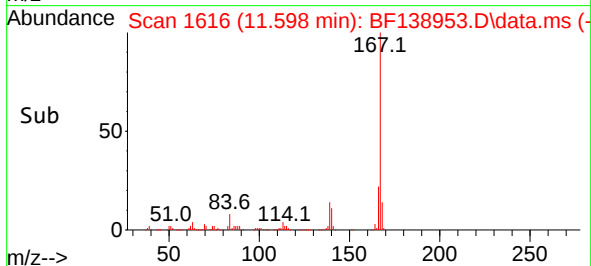
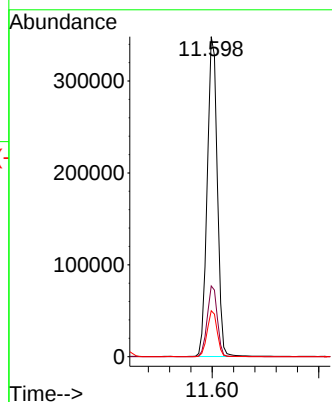
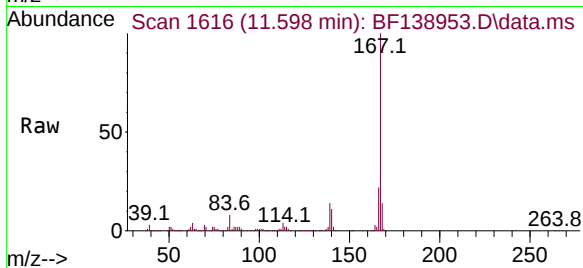
Tgt Ion:167	Resp: 45880
Ion Ratio	Lower Upper
167 100	
166 22.1	17.2 25.8
139 14.4	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#74

Di-n-butylphthalate

Concen: 77.614 ng

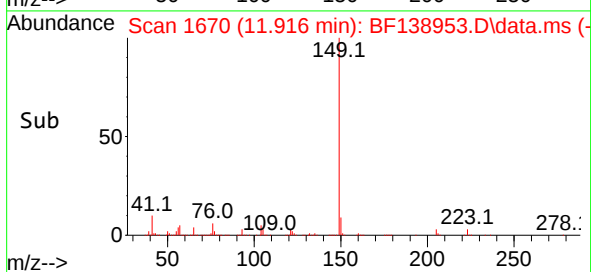
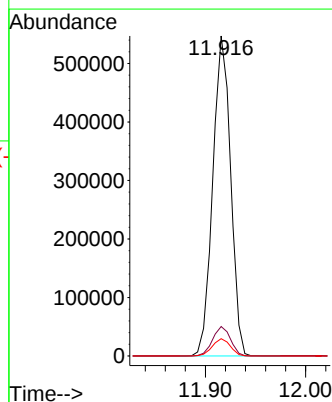
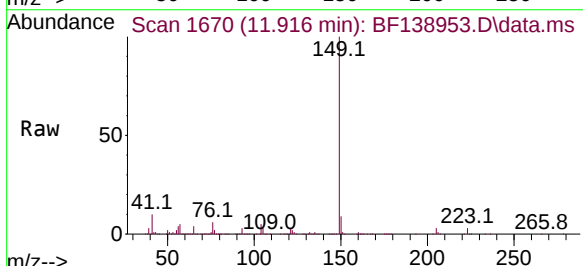
RT: 11.916 min Scan# 1670

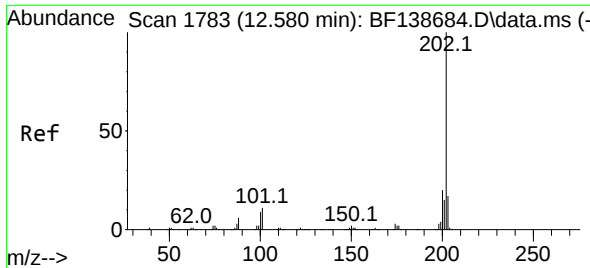
Delta R.T. -0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

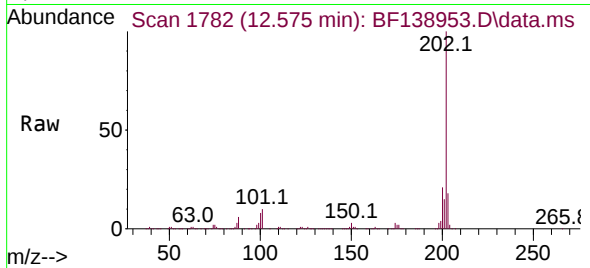
Tgt Ion:149	Resp: 676818
Ion Ratio	Lower Upper
149 100	
150 9.2	7.4 11.0
104 5.4	4.1 6.1





#75
Fluoranthene
Concen: 64.588 ng
RT: 12.575 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

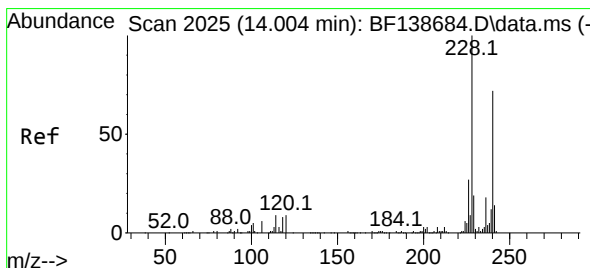
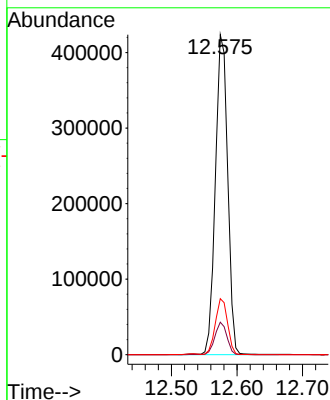
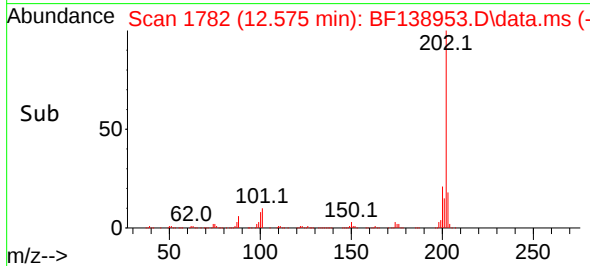
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:202 Resp: 550320
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.2
203 17.5 0.0 37.3

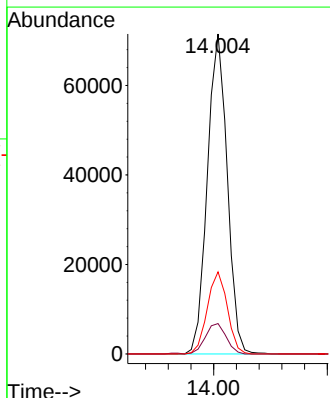
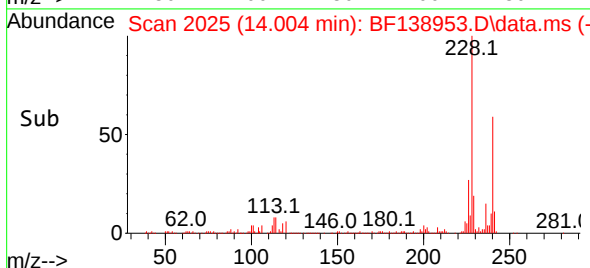
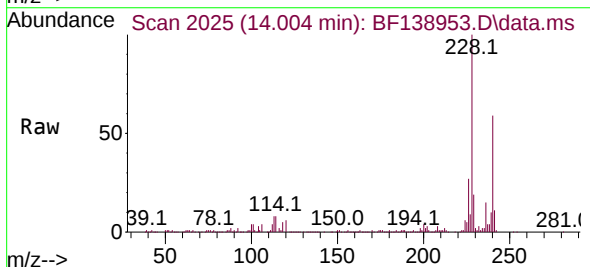
Manual Integrations
APPROVED

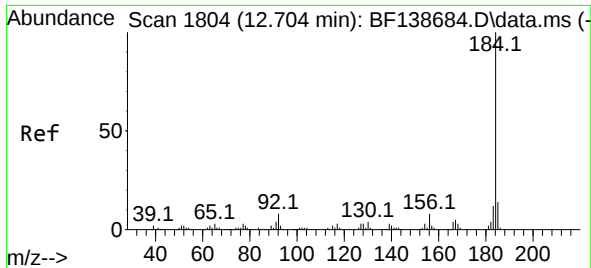
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

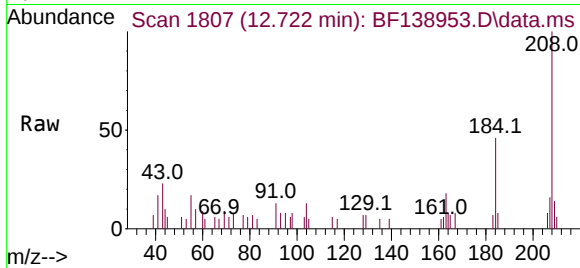
Tgt Ion:240 Resp: 86795
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 25.6 19.8 29.8





#77
Benzidine
Concen: 2.860 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.018 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

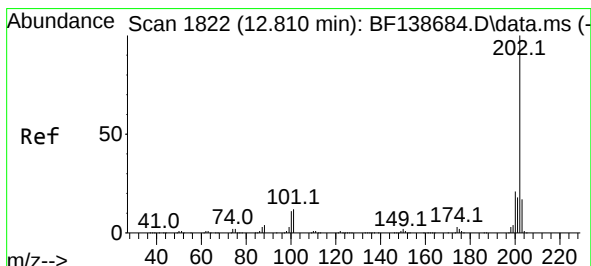
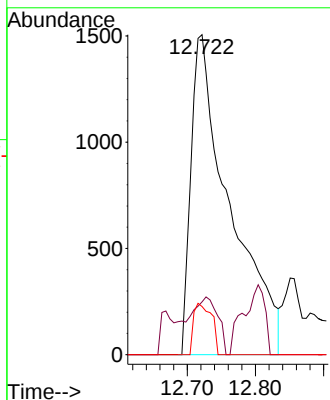
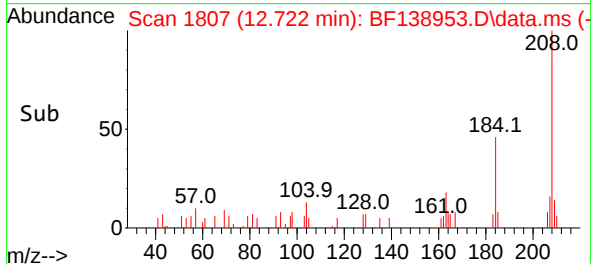
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:184 Resp: 5938
Ion Ratio Lower Upper
184 100
185 16.5 11.1 16.7
183 15.1 9.6 14.4

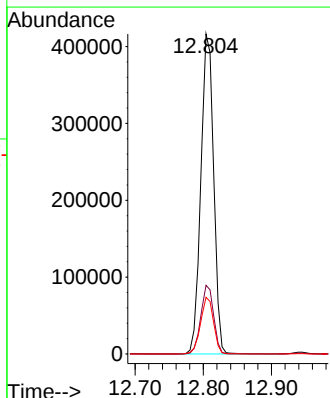
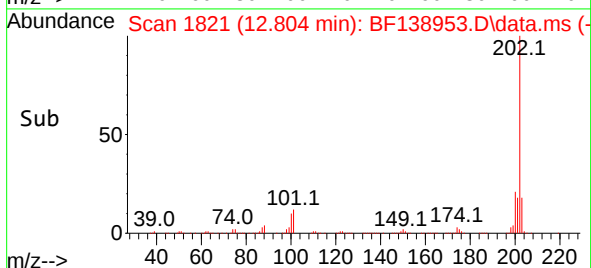
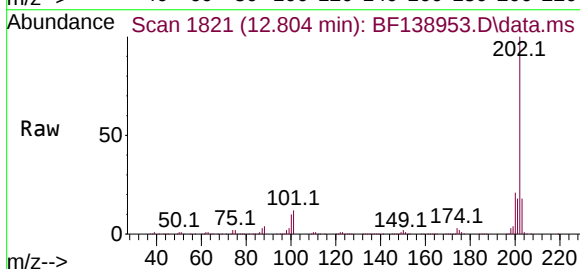
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#78
Pyrene
Concen: 66.706 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

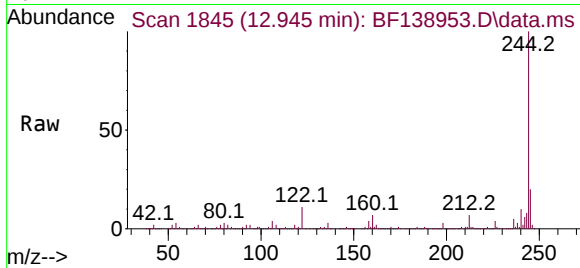
Tgt Ion:202 Resp: 545127
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.7 13.8 20.6





#79
Terphenyl-d14
Concen: 142.483 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

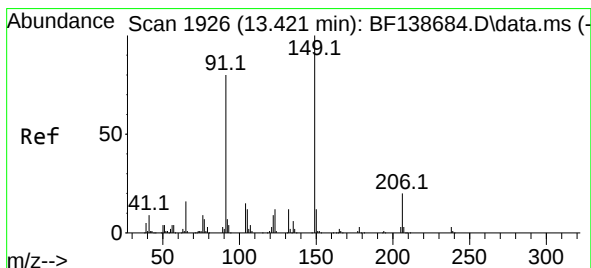
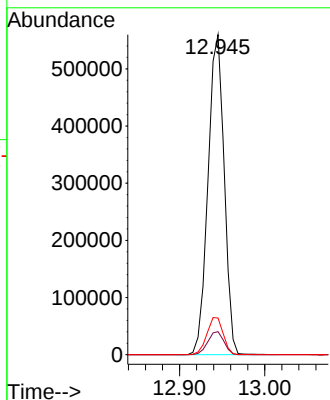
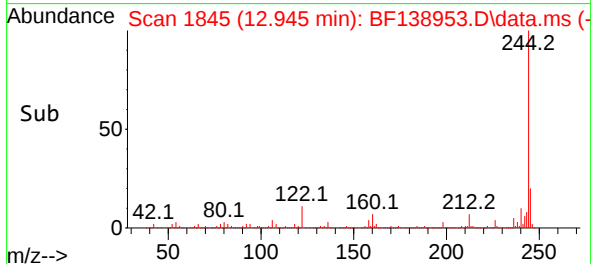
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



Tgt Ion:244 Resp: 738638
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.4 9.6 14.4

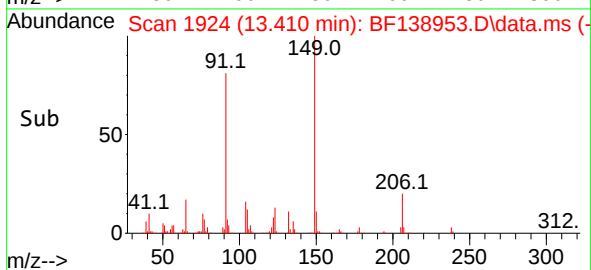
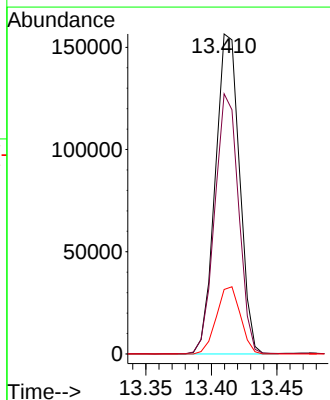
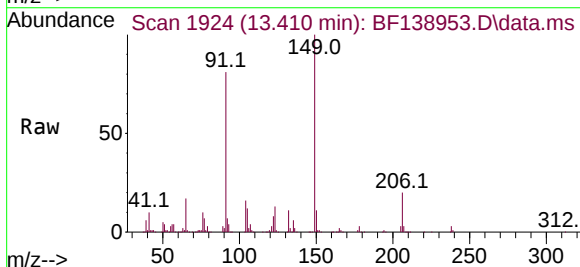
Manual Integrations
APPROVED

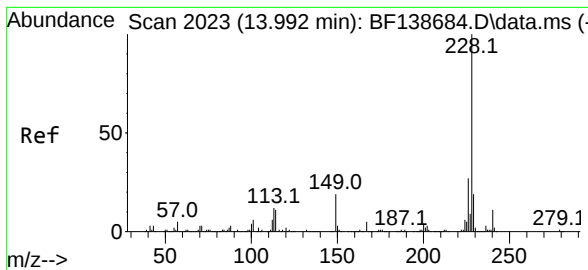
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#80
Butylbenzylphthalate
Concen: 76.867 ng
RT: 13.410 min Scan# 1924
Delta R.T. -0.012 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

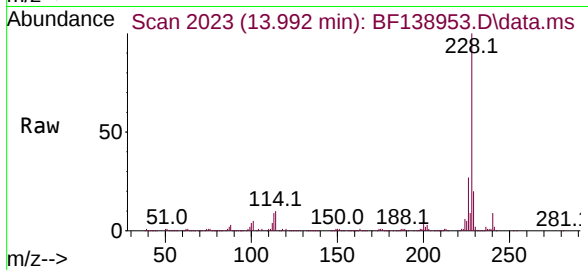
Tgt Ion:149 Resp: 201153
Ion Ratio Lower Upper
149 100
91 81.3 63.7 95.5
206 20.1 16.2 24.2





#81
Benzo(a)anthracene
Concen: 64.544 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

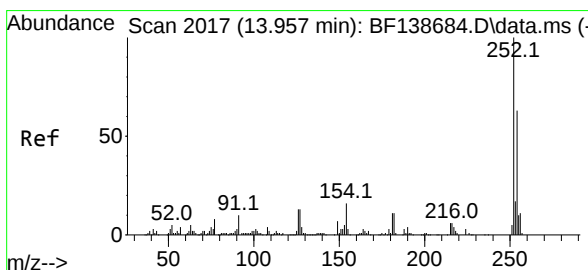
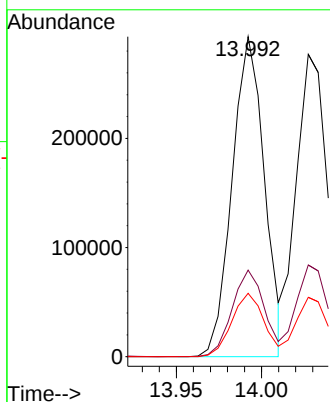
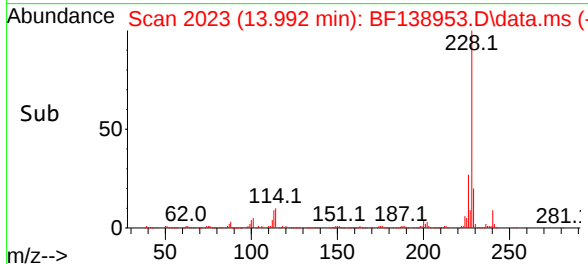
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



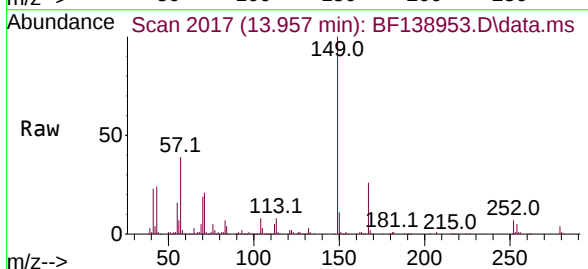
Tgt Ion:228 Resp: 385779
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.8 15.4 23.0

Manual Integrations
APPROVED

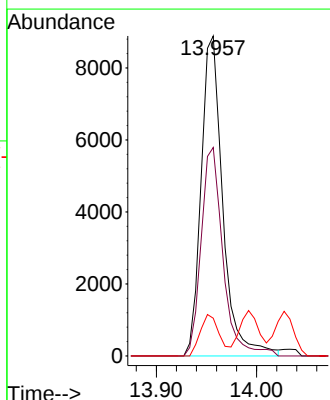
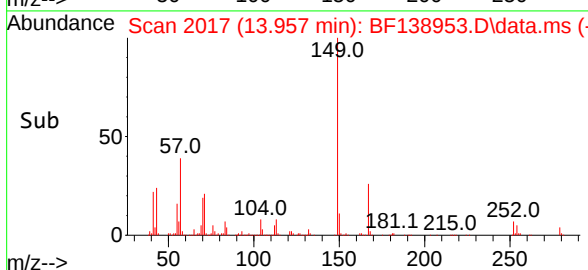
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#82
3,3'-Dichlorobenzidine
Concen: 8.749 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



Tgt Ion:252 Resp: 13381
Ion Ratio Lower Upper
252 100
254 65.2 50.8 76.2
126 11.8 10.2 15.2





#83

Chrysene

Concen: 65.432 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS

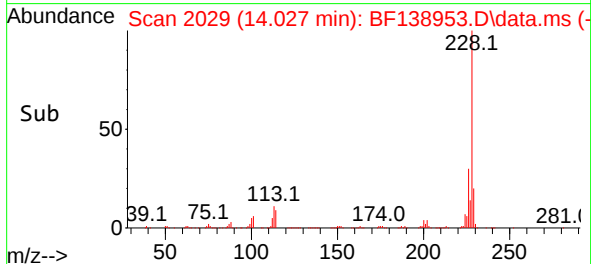
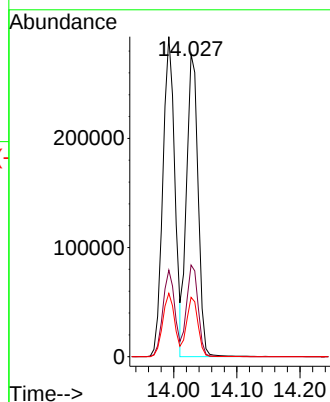
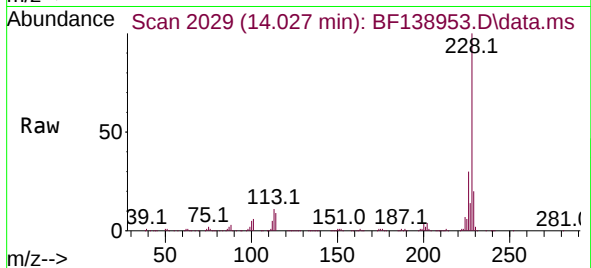
Tgt Ion:	228	Resp:	35282
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.7	35.5
229	19.6	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.998 ng

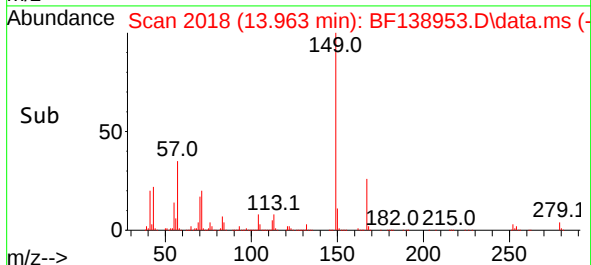
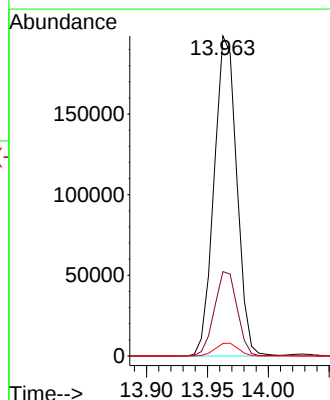
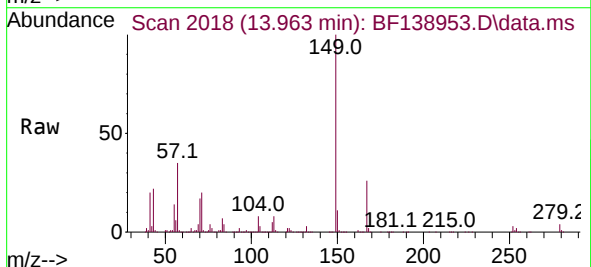
RT: 13.963 min Scan# 2018

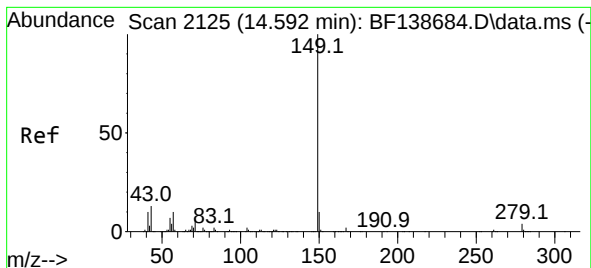
Delta R.T. -0.018 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Tgt Ion:	149	Resp:	256736
Ion Ratio	Lower	Upper	
149	100		
167	26.4	22.2	33.4
279	3.9	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 56.000 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS

Tgt Ion:149 Resp: 39703

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

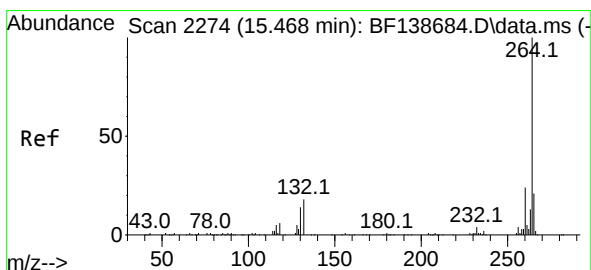
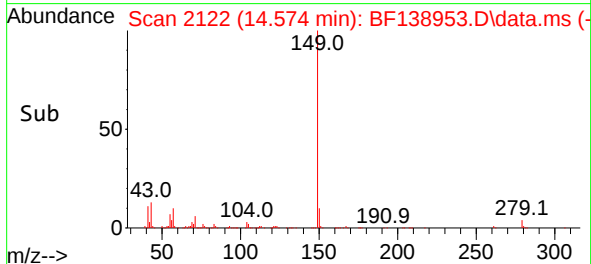
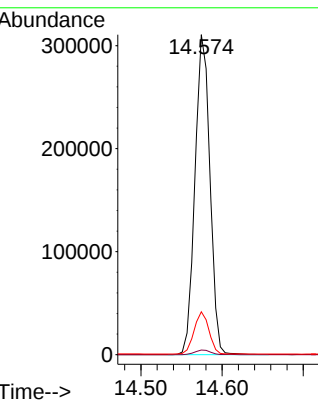
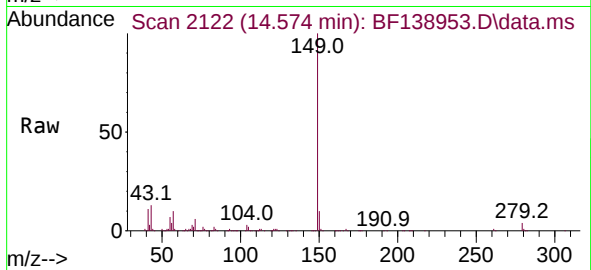
43 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

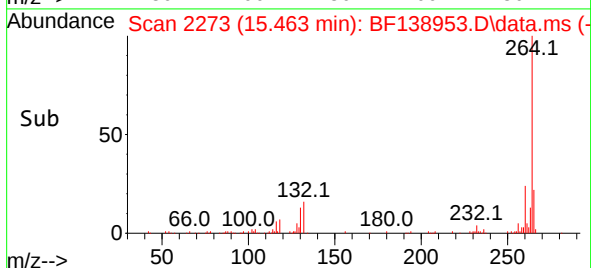
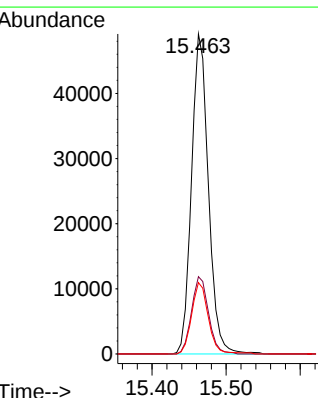
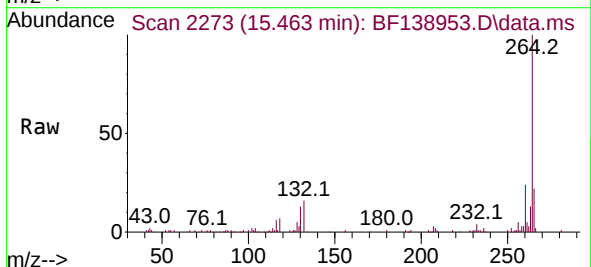
Tgt Ion:264 Resp: 77644

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.453 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS

Tgt Ion:276 Resp: 31968

Ion Ratio Lower Upper

276 100

138 24.7 21.8 32.8

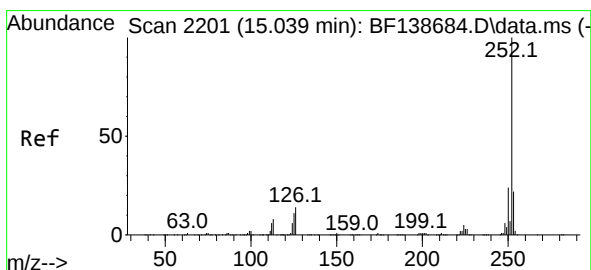
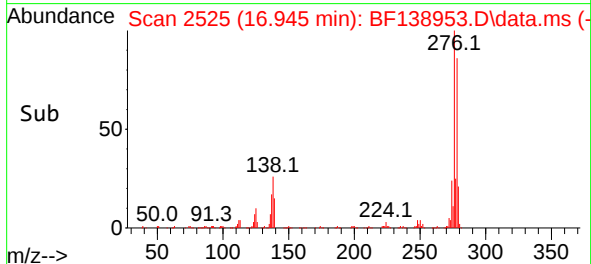
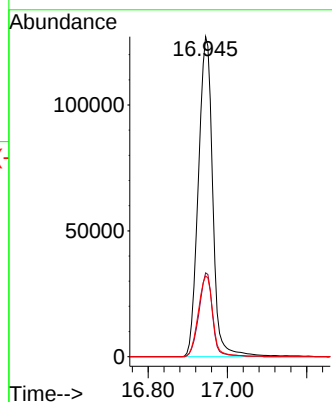
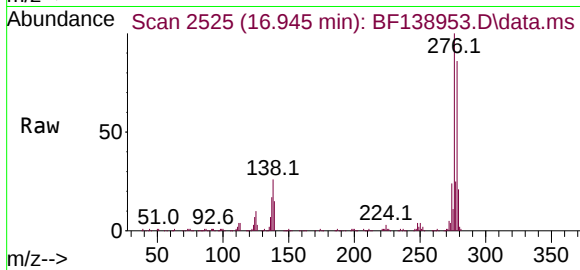
277 25.5 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#88

Benzo(b)fluoranthene

Concen: 74.170 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

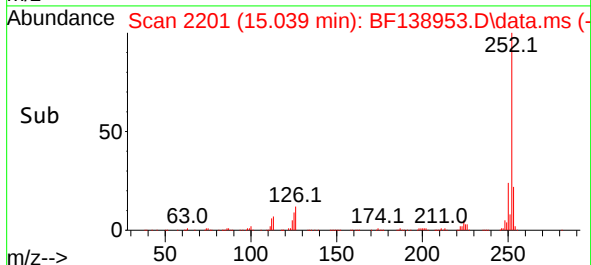
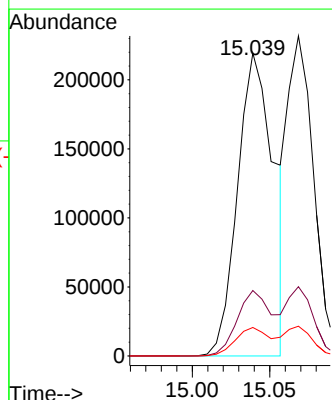
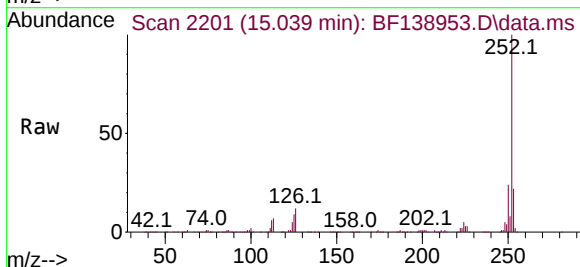
Tgt Ion:252 Resp: 356992

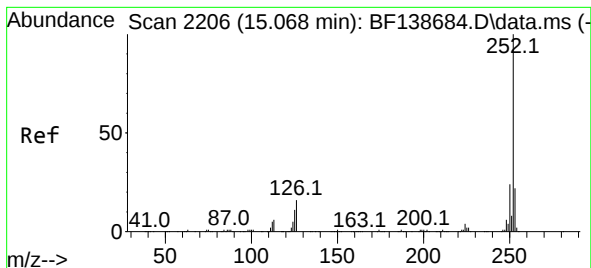
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 65.469 ng

RT: 15.068 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138953.D

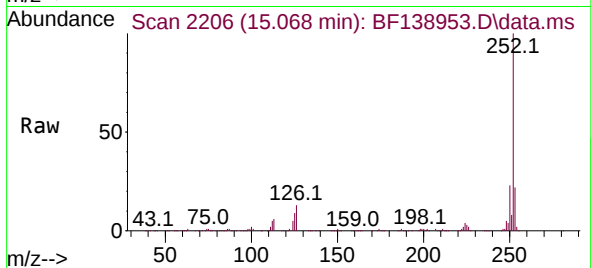
Acq: 13 Aug 2024 00:57

Instrument :

BNA_F

ClientSampleId :

ARS20-0019MS



Tgt Ion:252 Resp: 272830

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

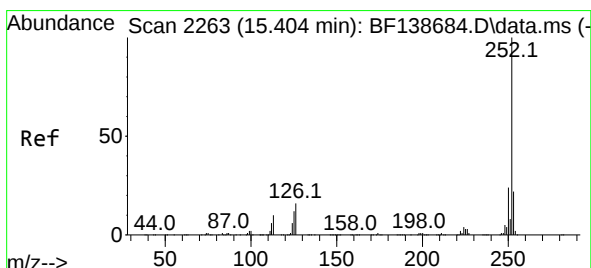
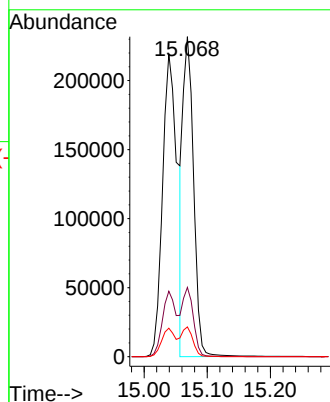
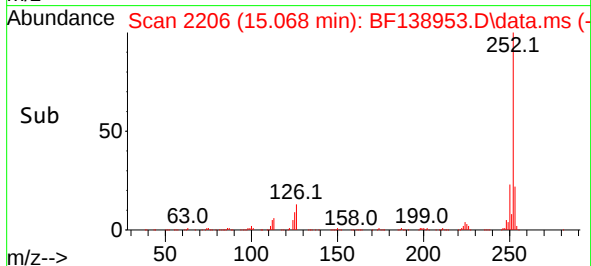
125 9.3 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#90

Benzo(a)pyrene

Concen: 70.066 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138953.D

Acq: 13 Aug 2024 00:57

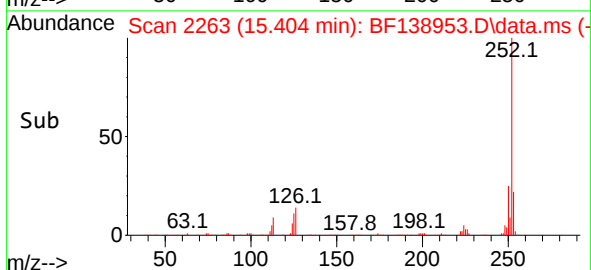
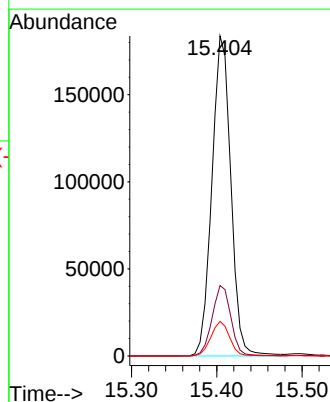
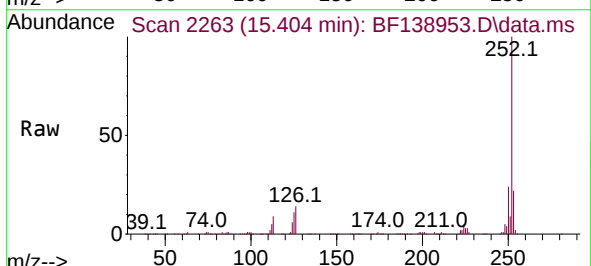
Tgt Ion:252 Resp: 283668

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

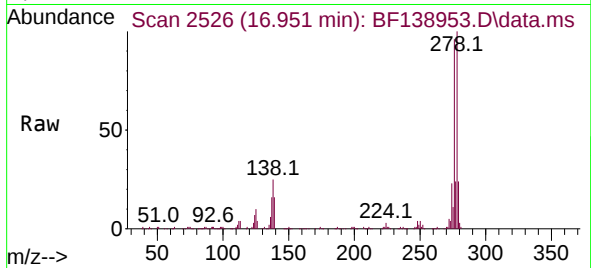
125 10.8 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 57.212 ng
RT: 16.951 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57

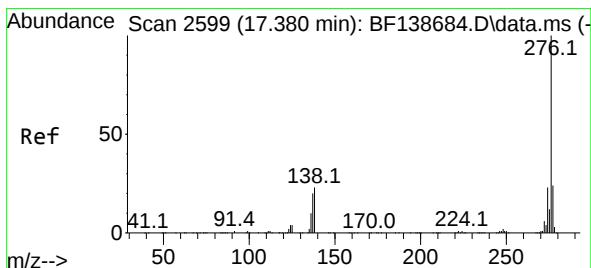
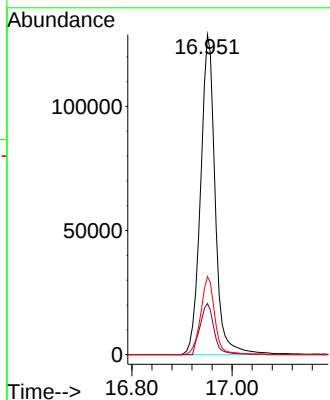
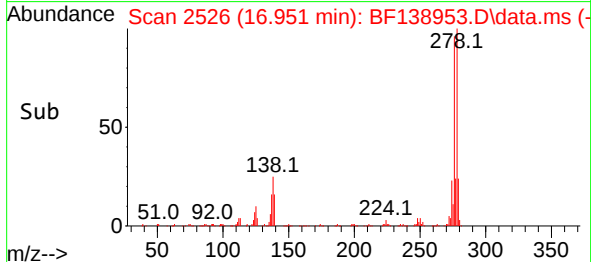
Instrument :
BNA_F
ClientSampleId :
ARS20-0019MS



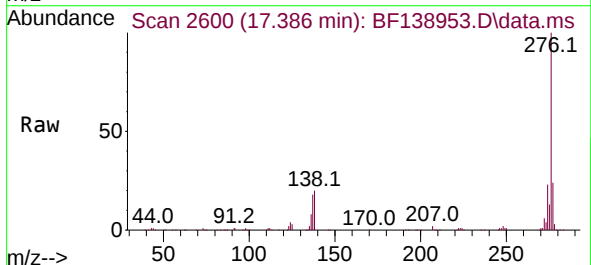
Tgt Ion:278 Resp: 261310
Ion Ratio Lower Upper
278 100
139 16.0 14.0 21.0
279 24.4 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#92
Benzo(g,h,i)perylene
Concen: 48.573 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138953.D
Acq: 13 Aug 2024 00:57



Tgt Ion:276 Resp: 230222
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 20.2 18.5 27.7

