

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138770.D
 Acq On : 03 Aug 2024 15:11
 Operator : RC/JU
 Sample : P3448-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 00:51:50 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	6.845	152	48480	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	196684	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	105814	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	177469	20.000	ng	0.00
76) Chrysene-d12	14.010	240	101224	20.000	ng	0.00
86) Perylene-d12	15.480	264	122908	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	277258	88.282	ng	0.02
7) Phenol-d6	6.493	99	370614	87.894	ng	0.00
23) Nitrobenzene-d5	7.410	82	236972	58.906	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	85827	99.021	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	432138	61.361	ng	0.00
79) Terphenyl-d14	12.951	244	420155	69.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	52330	38.059	ng	98
3) Pyridine	3.452	79	132654	39.827	ng	95
4) n-Nitrosodimethylamine	3.416	42	94835	47.806	ng	95
6) Aniline	6.510	93	99121	26.359	ng	# 14
8) 2-Chlorophenol	6.634	128	161065	48.745	ng	97
9) Benzaldehyde	6.398	77	8106	3.207	ng	95
10) Phenol	6.504	94	203543	45.847	ng	94
11) bis(2-Chloroethyl)ether	6.581	93	153487	44.927	ng	99
12) 1,3-Dichlorobenzene	6.787	146	171463	46.357	ng	99
13) 1,4-Dichlorobenzene	6.863	146	174721	46.808	ng	99
14) 1,2-Dichlorobenzene	7.016	146	164134	47.051	ng	99
15) Benzyl Alcohol	6.993	79	152091	50.045	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	247544	42.103	ng	60
17) 2-Methylphenol	7.110	107	129889	47.605	ng	# 91
18) Hexachloroethane	7.351	117	66226	47.134	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	125716	49.364	ng	95
20) 3+4-Methylphenols	7.263	107	170838	48.800	ng	# 86
22) Acetophenone	7.257	105	217284	45.119	ng	98
24) Nitrobenzene	7.434	77	181873	44.429	ng	97
25) Isophorone	7.669	82	329289	47.937	ng	98
26) 2-Nitrophenol	7.745	139	87100	49.455	ng	98
27) 2,4-Dimethylphenol	7.787	122	109821	52.117	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	195540	46.745	ng	99
29) 2,4-Dichlorophenol	7.992	162	131606	48.604	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	144878	46.364	ng	98
31) Naphthalene	8.151	128	483025	46.656	ng	99
32) Benzoic acid	7.928	122	60445	36.491	ng	98
33) 4-Chloroaniline	8.198	127	41562	11.960	ng	98
34) Hexachlorobutadiene	8.263	225	88268	46.637	ng	99
35) Caprolactam	8.587	113	38027m	47.066	ng	
36) 4-Chloro-3-methylphenol	8.698	107	150410	48.605	ng	98
37) 2-Methylnaphthalene	8.839	142	318993	48.788	ng	99
38) 1-Methylnaphthalene	8.939	142	293706	45.841	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	136278	46.363	ng	98
41) Hexachlorocyclopentadiene	8.986	237	80189	101.060	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	90540	50.520	ng	99

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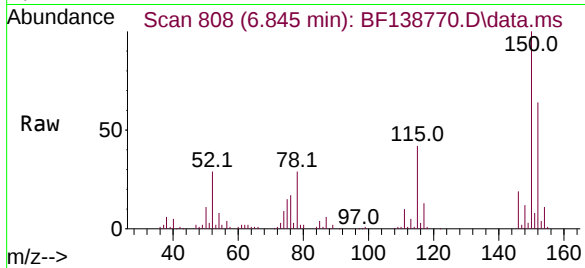
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	95410	48.698	ng	98
46) 1,1'-Biphenyl	9.304	154	375239	45.279	ng	99
47) 2-Chloronaphthalene	9.334	162	293323	47.591	ng	99
48) 2-Nitroaniline	9.434	65	100726	48.206	ng	97
49) Acenaphthylene	9.745	152	457419	52.327	ng	99
50) Dimethylphthalate	9.610	163	353212	52.205	ng	100
51) 2,6-Dinitrotoluene	9.675	165	75155	49.220	ng	98
52) Acenaphthene	9.916	154	286610	48.774	ng	99
53) 3-Nitroaniline	9.845	138	39889	25.270	ng	96
54) 2,4-Dinitrophenol	9.957	184	62887	89.468	ng	90
55) Dibenzofuran	10.092	168	418168	50.412	ng	100
56) 4-Nitrophenol	10.022	139	80391	84.690	ng	96
57) 2,4-Dinitrotoluene	10.081	165	99275	50.959	ng	93
58) Fluorene	10.433	166	334972	50.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	77587	51.798	ng	97
60) Diethylphthalate	10.304	149	344036	53.628	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	162165	49.916	ng	97
62) 4-Nitroaniline	10.463	138	67691	45.125	ng	93
63) Azobenzene	10.581	77	352068	49.482	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	50791	46.911	ng	99
66) n-Nitrosodiphenylamine	10.545	169	278574	50.218	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	94670	49.270	ng	98
68) Hexachlorobenzene	10.980	284	96674	48.729	ng	96
69) Atrazine	11.075	200	83899	58.621	ng	100
70) Pentachlorophenol	11.180	266	71938	80.447	ng	98
71) Phenanthrene	11.398	178	517817	56.665	ng	100
72) Anthracene	11.451	178	472270	52.460	ng	100
73) Carbazole	11.604	167	368968	47.506	ng	99
74) Di-n-butylphthalate	11.927	149	517468	59.267	ng	99
75) Fluoranthene	12.586	202	502682	58.924	ng	99
77) Benzidine	12.704	184	86065	35.548	ng	98
78) Pyrene	12.816	202	518670	54.422	ng	99
80) Butylbenzylphthalate	13.427	149	205560	67.354	ng	96
81) Benzo(a)anthracene	13.998	228	395657	56.762	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	57096	32.008	ng	98
83) Chrysene	14.039	228	334838	53.244	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	247774	55.442	ng	100
85) Di-n-octyl phthalate	14.592	149	396044	47.898	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	371679	42.198	ng	98
88) Benzo(b)fluoranthene	15.051	252	419876	55.108	ng	99
89) Benzo(k)fluoranthene	15.080	252	301566	45.714	ng	99
90) Benzo(a)pyrene	15.421	252	355651	55.495	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	293344	40.572	ng	98
92) Benzo(g,h,i)perylene	17.404	276	290236	38.683	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

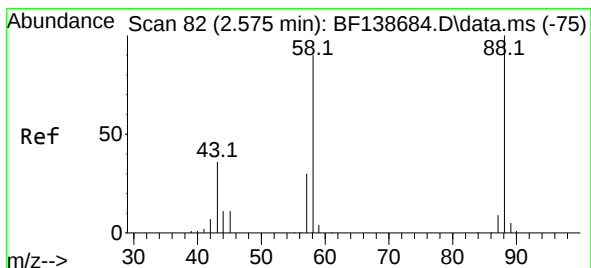
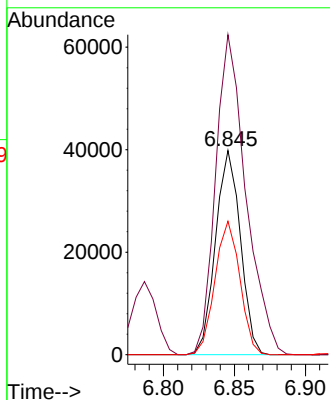
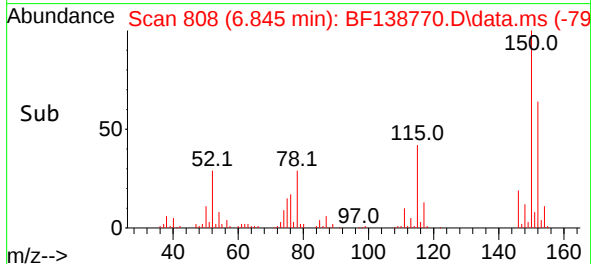
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:152 Resp: 48480
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 65.4 51.7 77.5

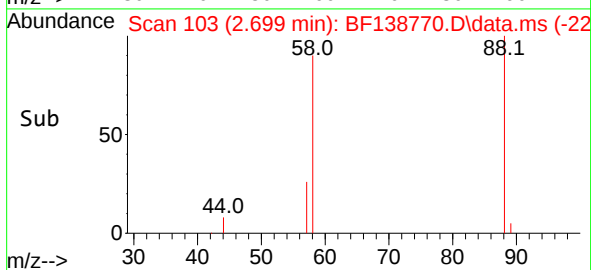
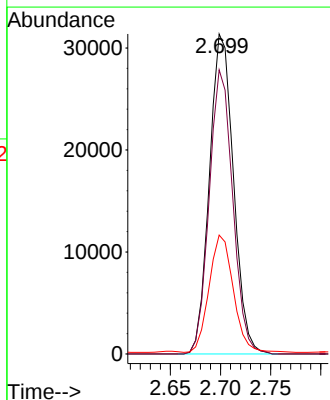
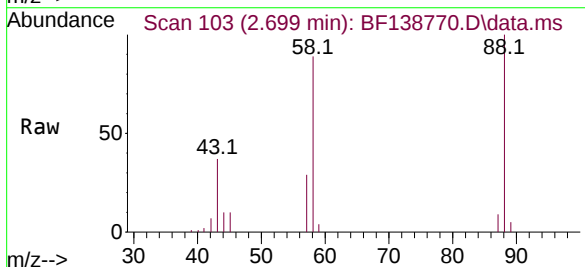
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#2
1,4-Dioxane
Concen: 38.059 ng
RT: 2.699 min Scan# 103
Delta R.T. 0.124 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion: 88 Resp: 52330
Ion Ratio Lower Upper
88 100
58 86.9 71.6 107.4
43 37.0 28.7 43.1





#3

Pyridine

Concen: 39.827 ng

RT: 3.452 min Scan# 211

Delta R.T. 0.118 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion: 79 Resp: 132654

Ion Ratio Lower Upper

79 100

52 87.3 74.7 112.1

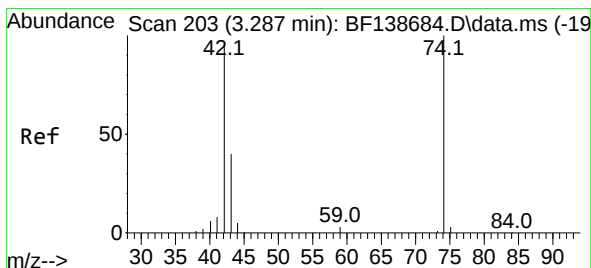
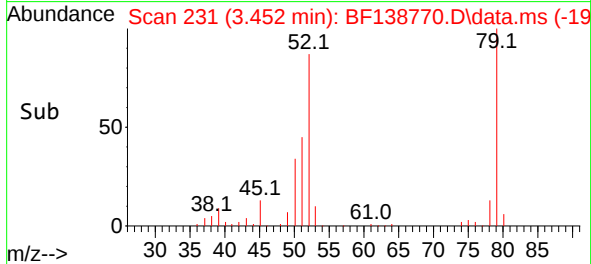
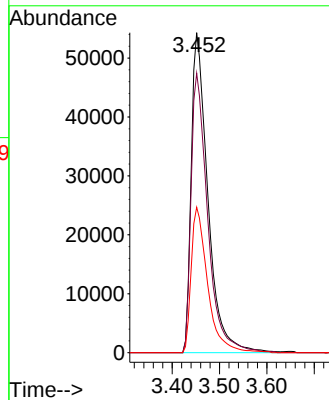
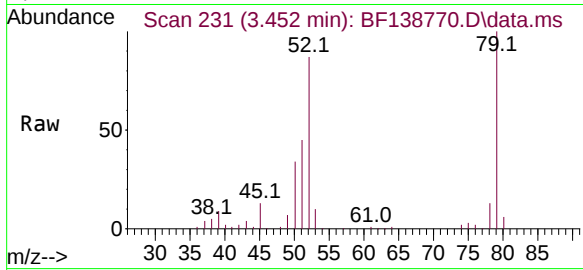
51 45.5 34.6 51.8

Manual Integrations

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Supervised By :mohammad ahmed 08/05/2024



#4

n-Nitrosodimethylamine

Concen: 47.806 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.129 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

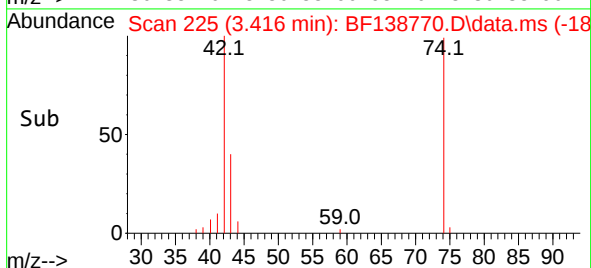
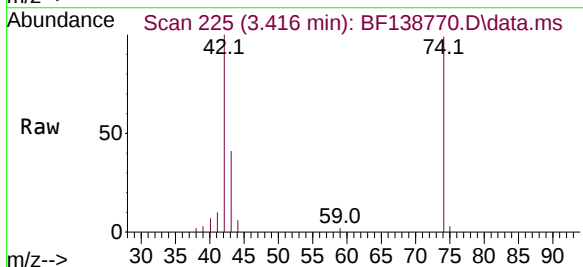
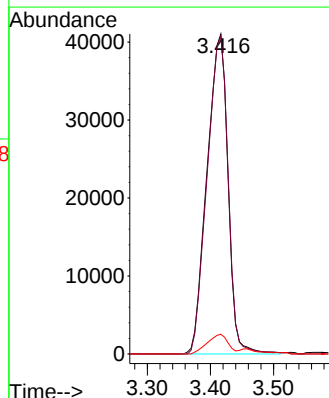
Tgt Ion: 42 Resp: 94835

Ion Ratio Lower Upper

42 100

74 99.4 84.2 126.4

44 6.1 4.9 7.3





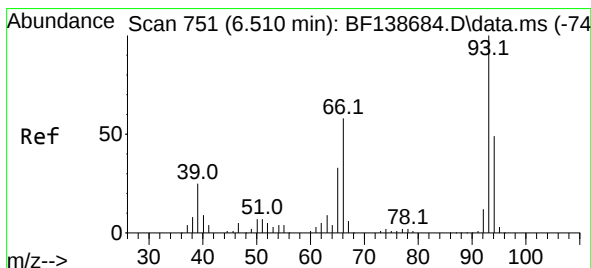
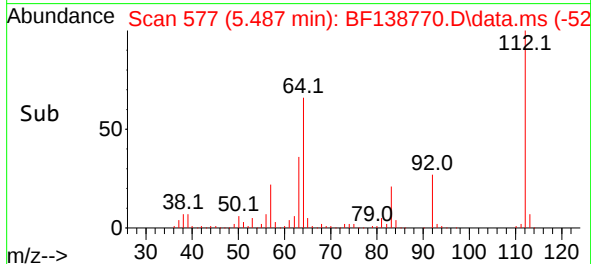
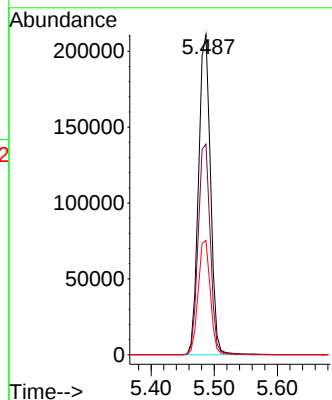
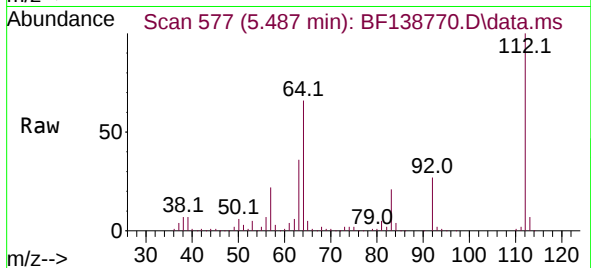
#5
2-Fluorophenol
Concen: 88.282 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion:112 Resp: 277258
Ion Ratio Lower Upper
112 100
64 65.8 54.2 81.4
63 35.7 28.7 43.1

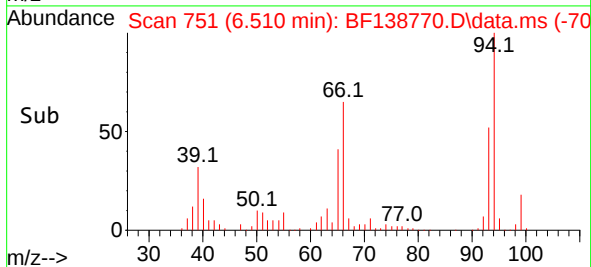
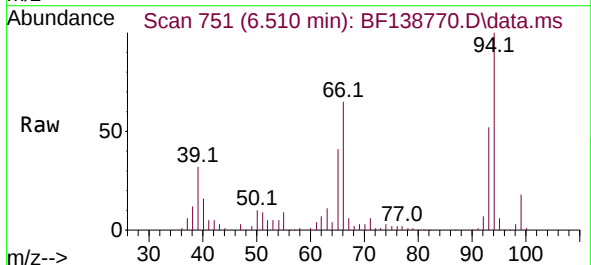
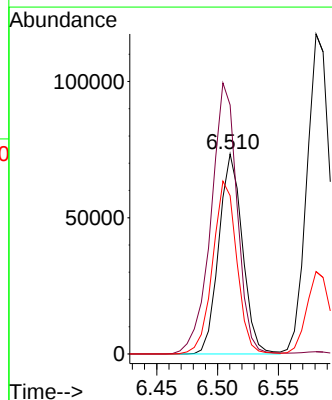
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#6
Aniline
Concen: 26.359 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

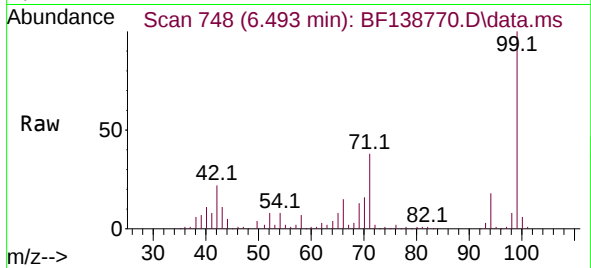
Tgt Ion: 93 Resp: 99121
Ion Ratio Lower Upper
93 100
66 124.5 46.9 70.3#
65 79.1 26.5 39.7#





#7
Phenol-d6
Concen: 87.894 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

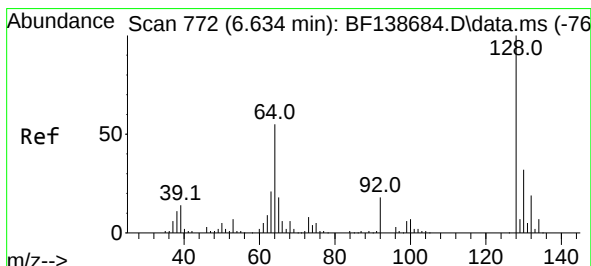
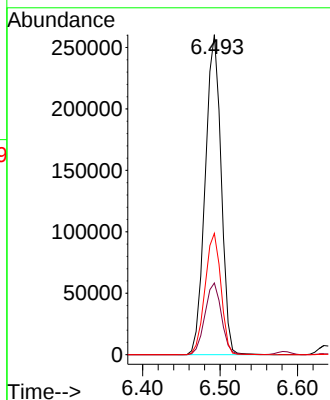
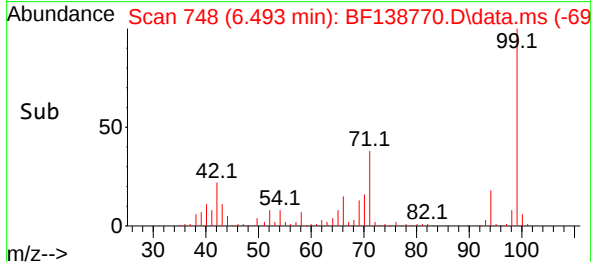
Instrument :
BNA_F
ClientSampleId :
TP4MSD



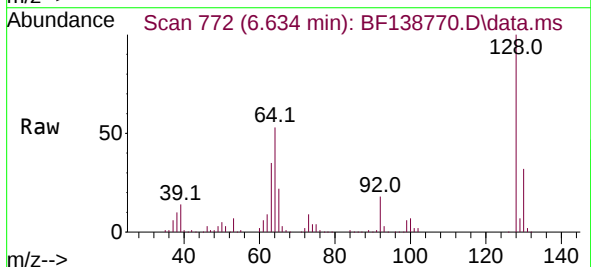
Tgt Ion: 99 Resp: 370614
Ion Ratio Lower Upper
99 100
42 22.4 17.4 26.0
71 37.9 28.1 42.1

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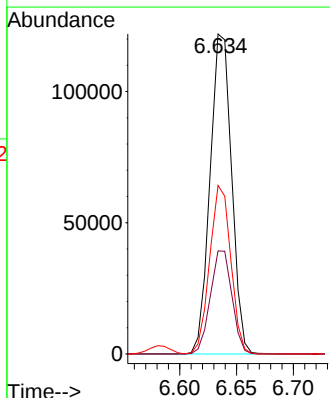
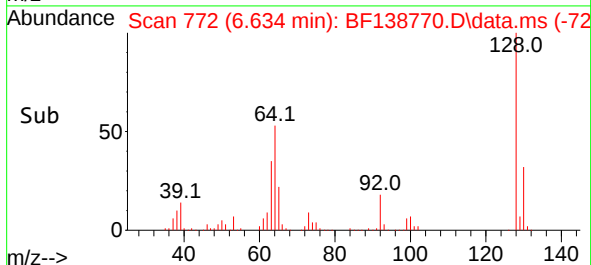
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#8
2-Chlorophenol
Concen: 48.745 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



Tgt Ion:128 Resp: 161065
Ion Ratio Lower Upper
128 100
130 32.2 12.0 52.0
64 52.7 36.3 76.3





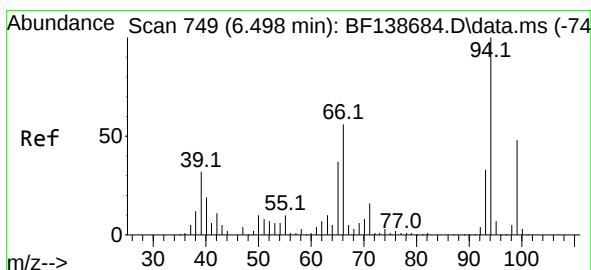
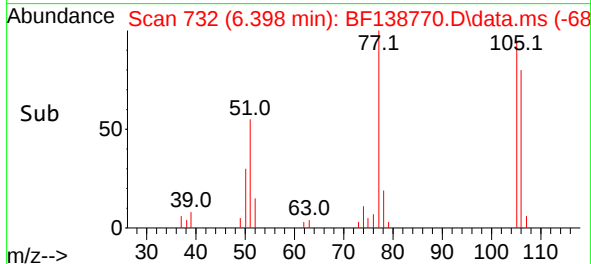
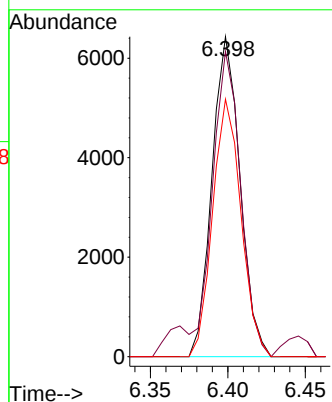
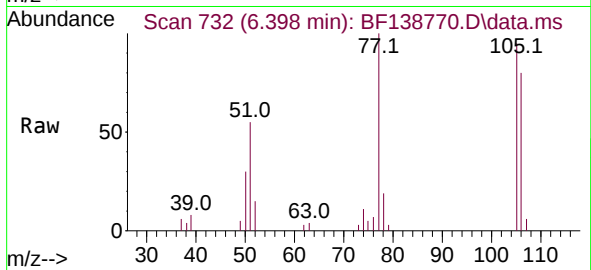
#9
Benzaldehyde
Concen: 3.207 ng
RT: 6.398 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion: 77	Resp: 810
Ion Ratio	Lower Upper
77 100	
105 95.4	72.9 112.9
106 80.4	68.4 108.4

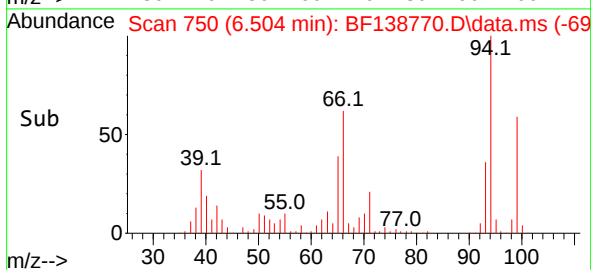
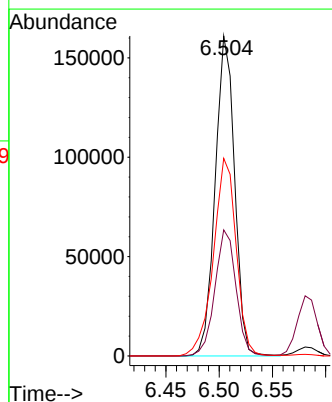
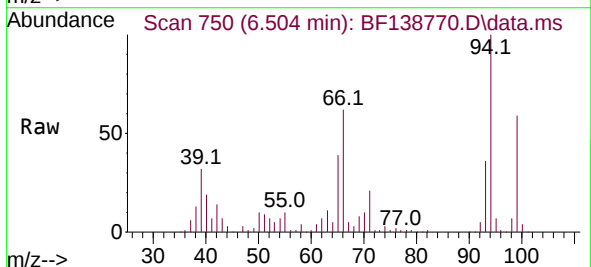
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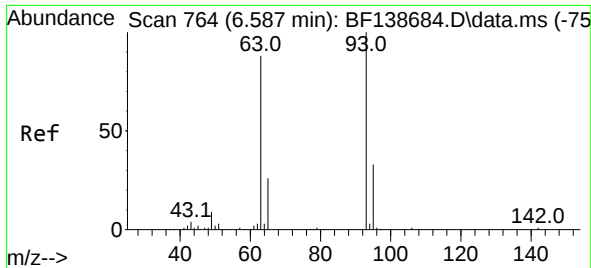
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Phenol
Concen: 45.847 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion: 94	Resp: 203543
Ion Ratio	Lower Upper
94 100	
65 39.4	16.9 56.9
66 61.8	36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 44.927 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

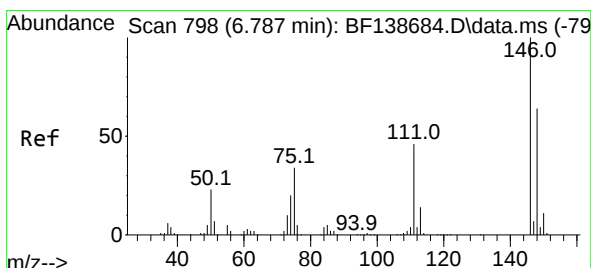
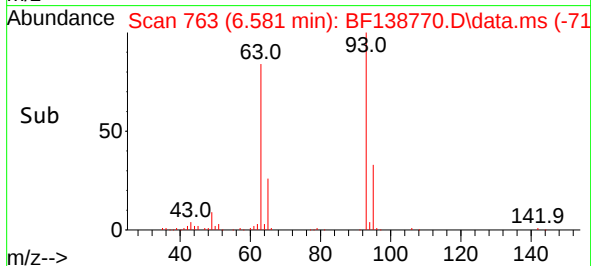
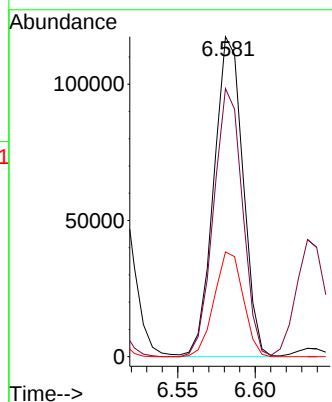
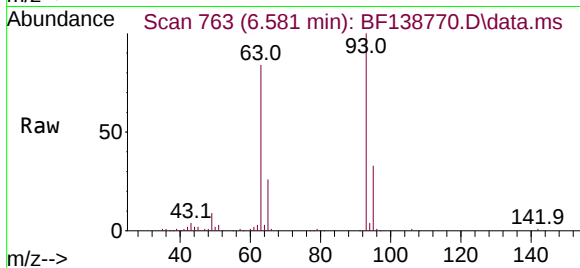
TP4MSD

Tgt Ion: 93 Resp: 15348
Ion Ratio Lower Upper
93 100
63 83.8 65.3 105.3
95 32.7 12.4 52.4

Manual Integrations

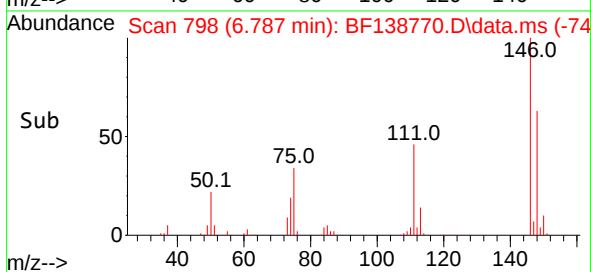
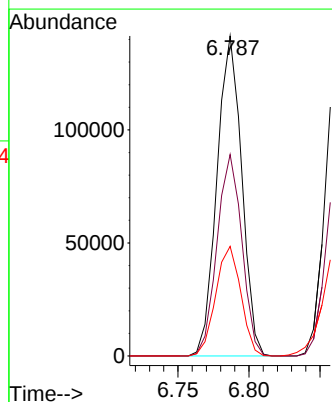
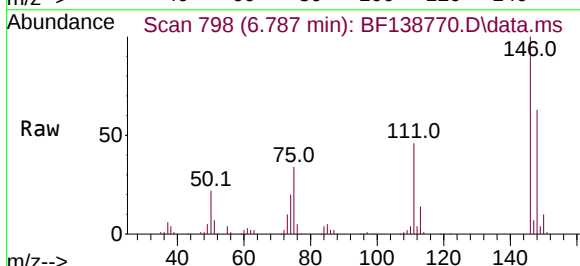
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#12
1,3-Dichlorobenzene
Concen: 46.357 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion:146 Resp: 171463
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
75 34.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.808 ng

RT: 6.863 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:146 Resp: 17472

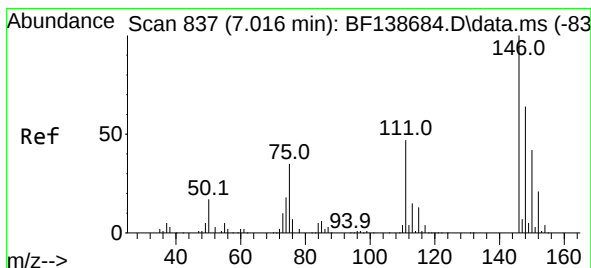
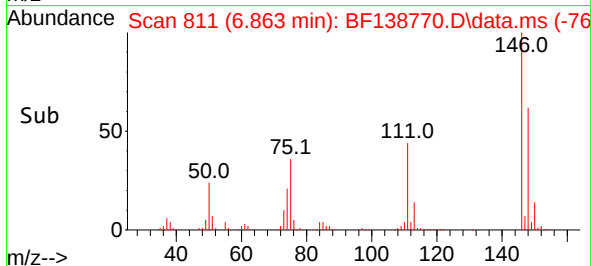
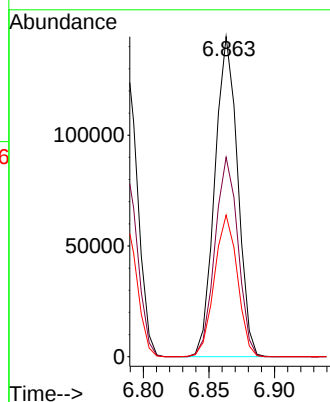
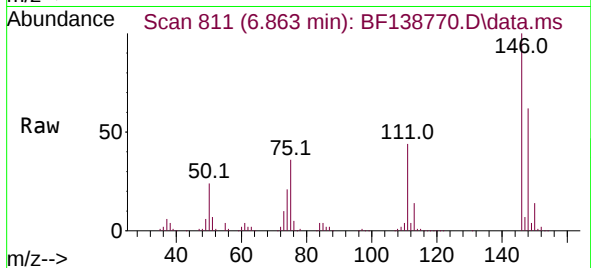
Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.2	75.2
111	44.3	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#14

1,2-Dichlorobenzene

Concen: 47.051 ng

RT: 7.016 min Scan# 837

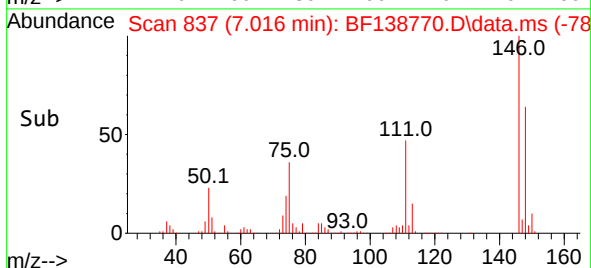
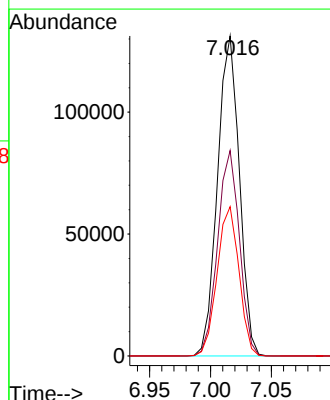
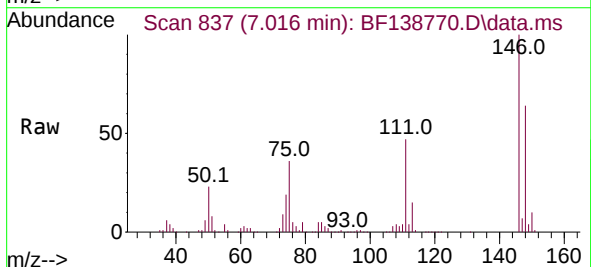
Delta R.T. 0.000 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion:146 Resp: 164134

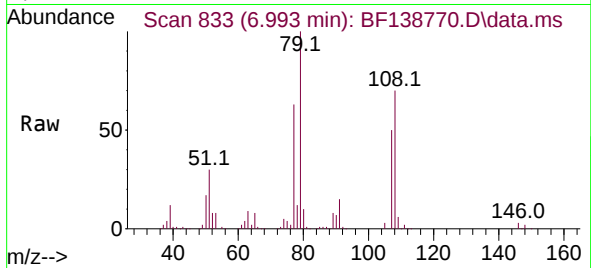
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	46.7	37.4	56.2





#15
Benzyl Alcohol
Concen: 50.045 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

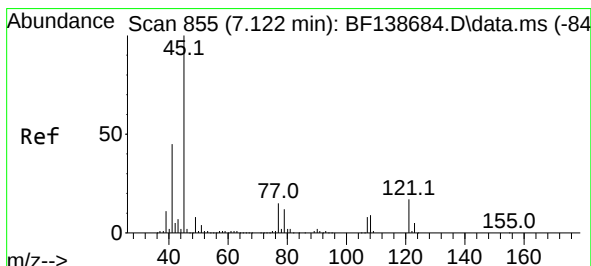
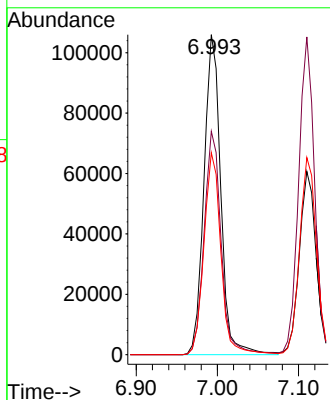
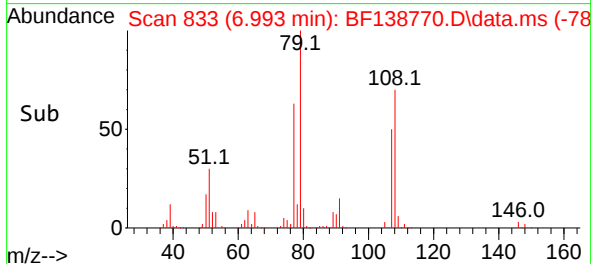
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion: 79 Resp: 15209
Ion Ratio Lower Upper
79 100
108 69.8 56.6 85.0
77 63.1 50.3 75.5

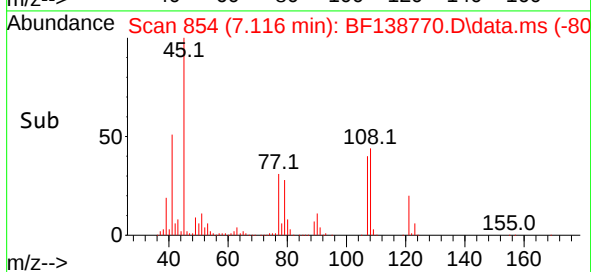
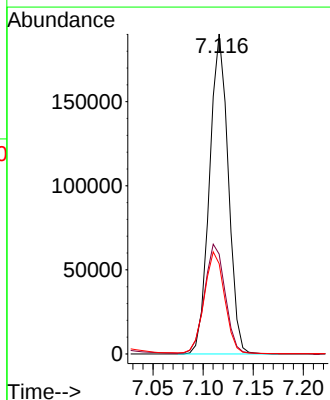
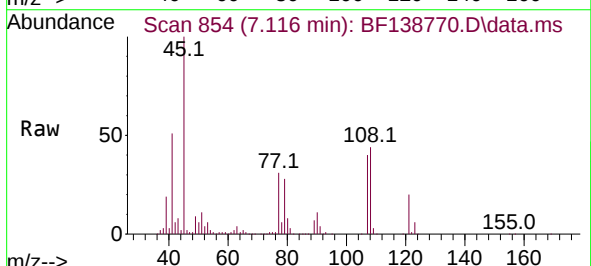
Manual Integrations
APPROVED

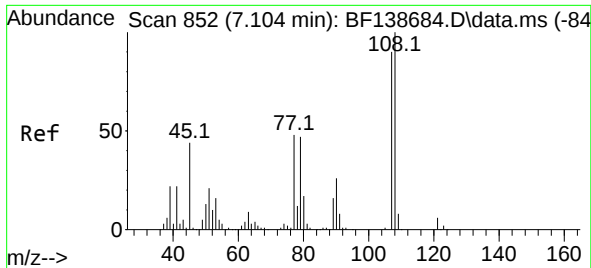
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.103 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

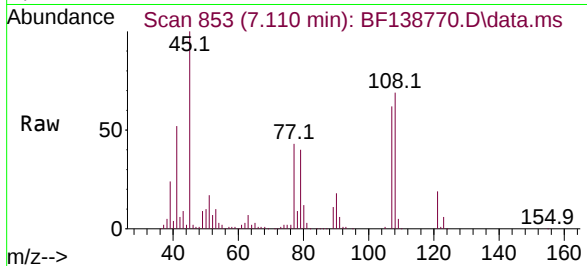
Tgt Ion: 45 Resp: 247544
Ion Ratio Lower Upper
45 100
77 31.2 0.0 34.9
79 28.2 0.0 32.2





#17
2-Methylphenol
Concen: 47.605 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

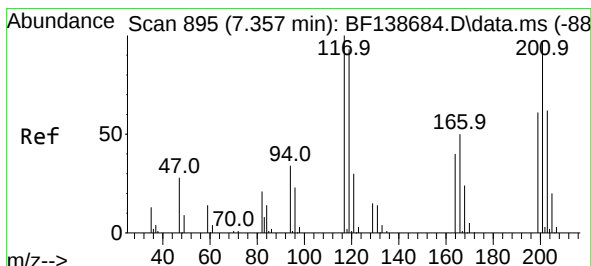
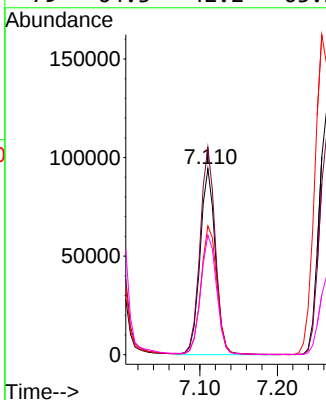
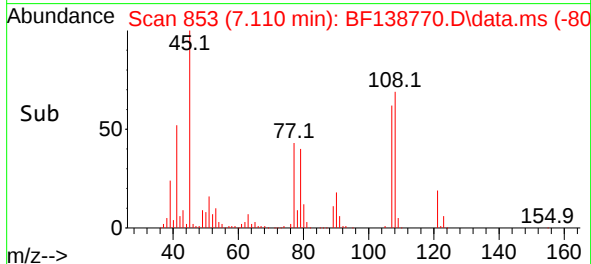
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:107 Resp: 129889
Ion Ratio Lower Upper
107 100
108 111.5 89.2 133.8
77 69.2 43.0 64.4
79 64.3 42.2 63.2#

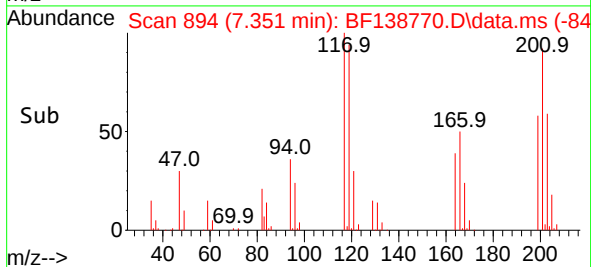
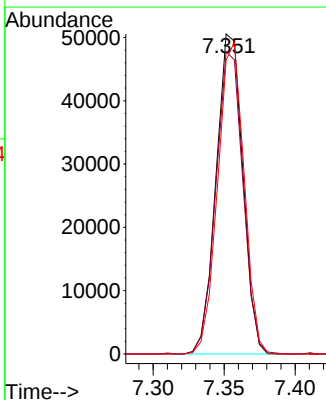
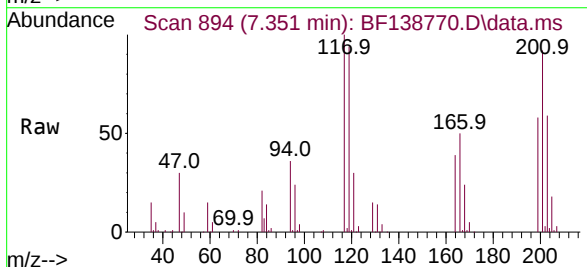
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#18
Hexachloroethane
Concen: 47.134 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion:117 Resp: 66226
Ion Ratio Lower Upper
117 100
119 94.4 74.6 111.8
201 91.8 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 49.364 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138770.D

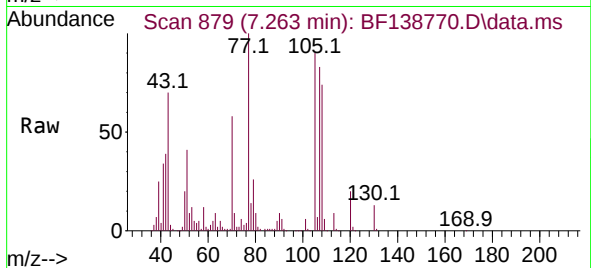
Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD



Tgt Ion: 70 Resp: 125710

Ion Ratio Lower Upper

70 100

42 66.3 57.4 86.0

101 9.7 7.5 11.3

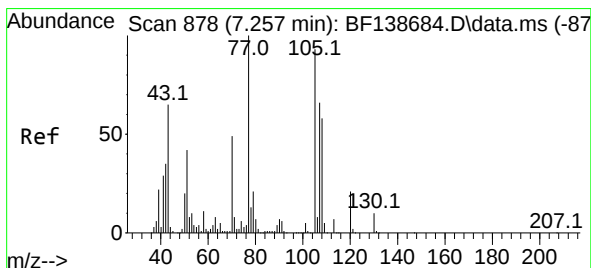
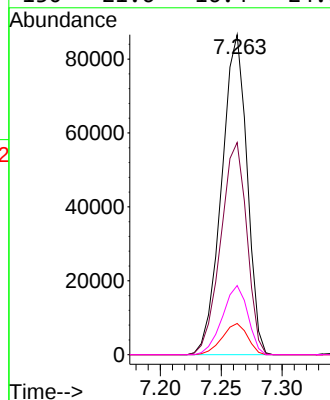
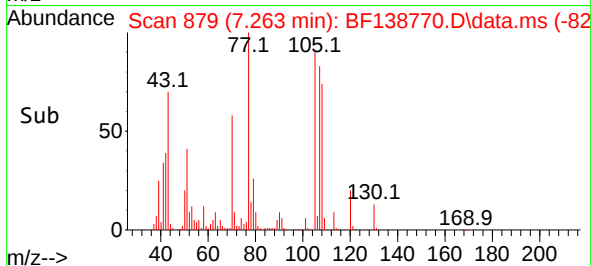
130 21.6 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#20

3+4-Methylphenols

Concen: 48.800 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion:107 Resp: 170838

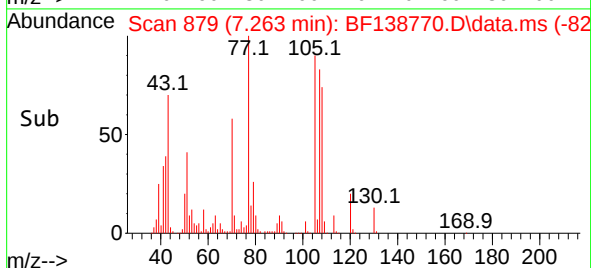
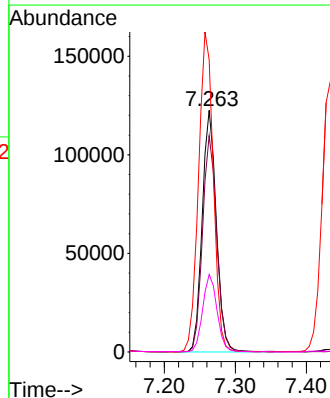
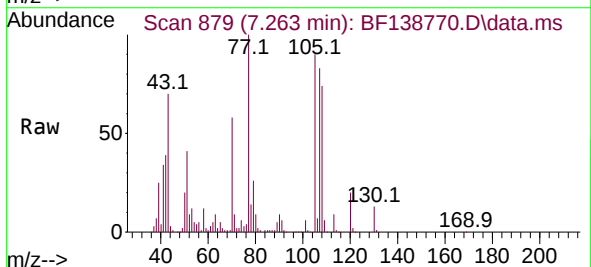
Ion Ratio Lower Upper

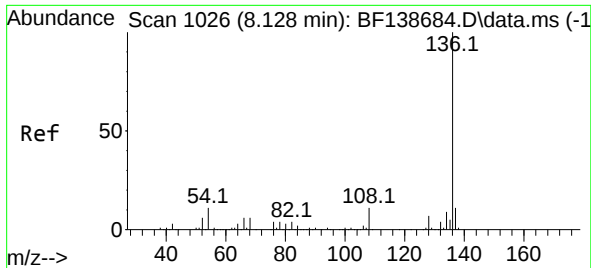
107 100

108 89.6 68.2 108.2

77 121.0 132.1 172.1#

79 32.1 11.5 51.5





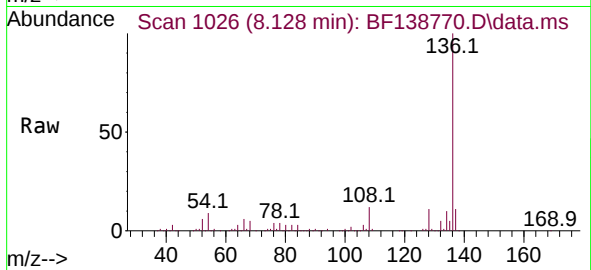
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

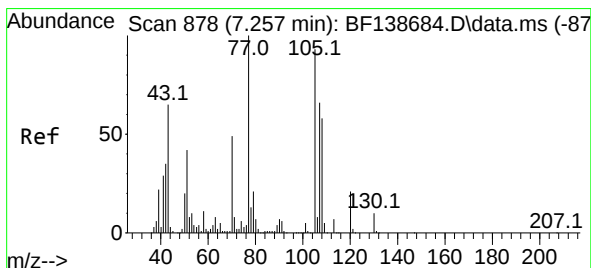
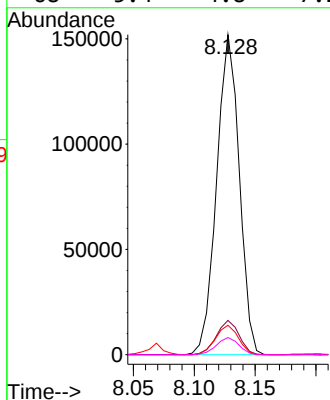
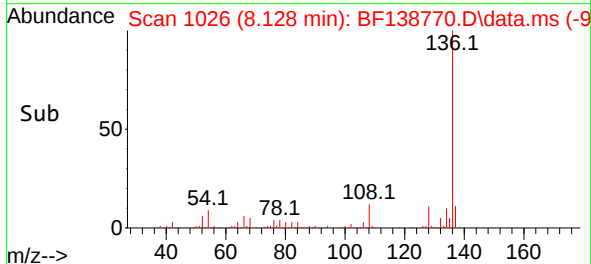


Tgt Ion:136 Resp: 196684
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.2 8.6 12.8
68 5.4 4.8 7.2

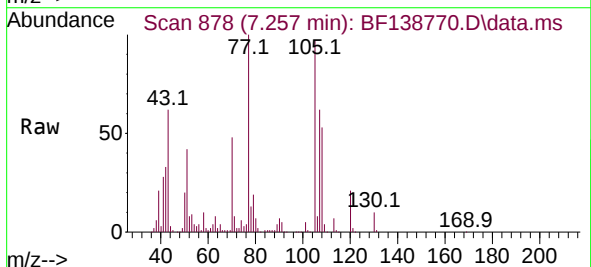
Manual Integrations

APPROVED

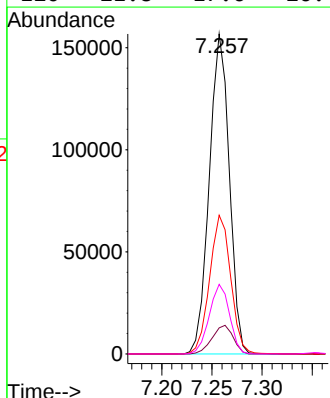
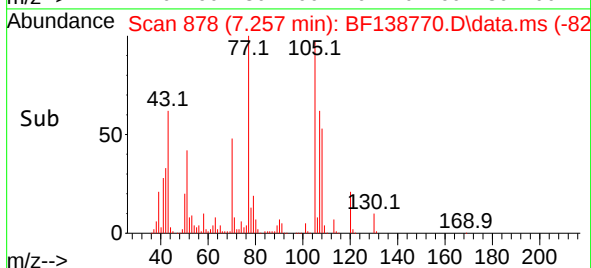
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

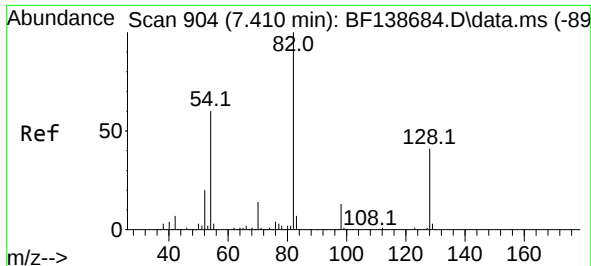


#22
Acetophenone
Concen: 45.119 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



Tgt Ion:105 Resp: 217284
Ion Ratio Lower Upper
105 100
71 8.2 7.2 10.8
51 43.3 35.9 53.9
120 21.8 17.6 26.4





#23

Nitrobenzene-d5

Concen: 58.906 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

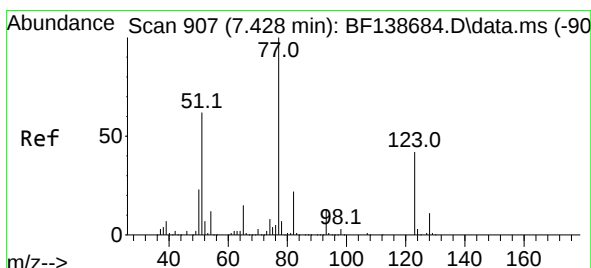
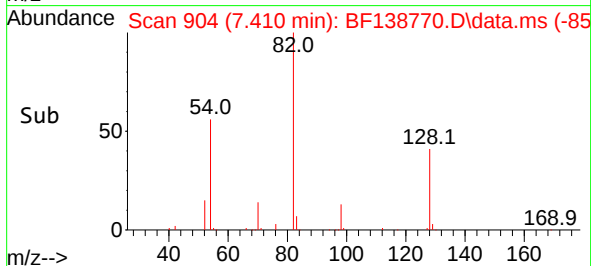
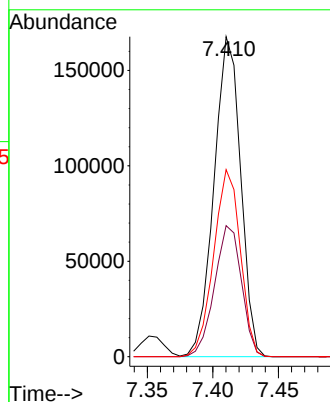
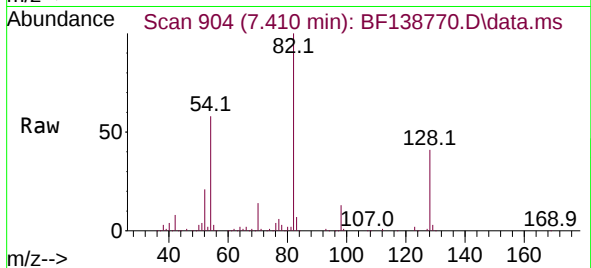
TP4MSD

Tgt Ion: 82 Resp: 236972
 Ion Ratio Lower Upper
 82 100
 128 40.9 32.8 49.2
 54 58.4 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024



#24

Nitrobenzene

Concen: 44.429 ng

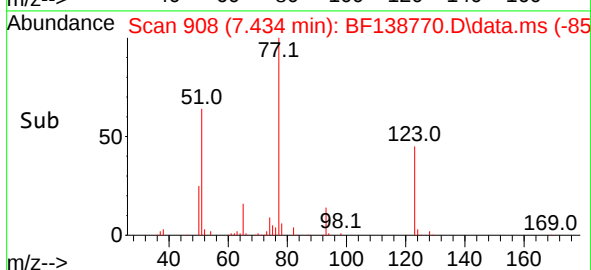
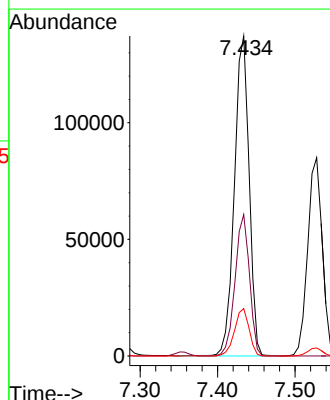
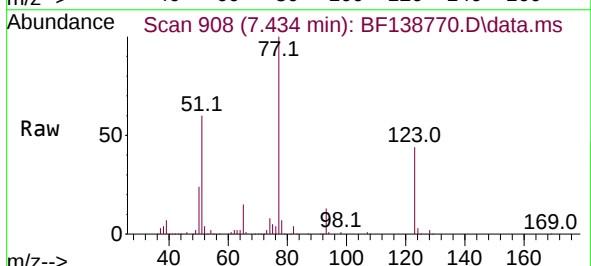
RT: 7.434 min Scan# 908

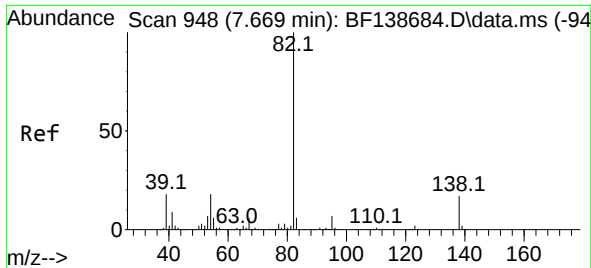
Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion: 77 Resp: 181873
 Ion Ratio Lower Upper
 77 100
 123 44.2 33.3 49.9
 65 14.8 11.9 17.9





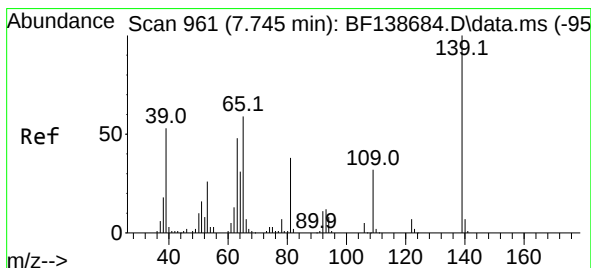
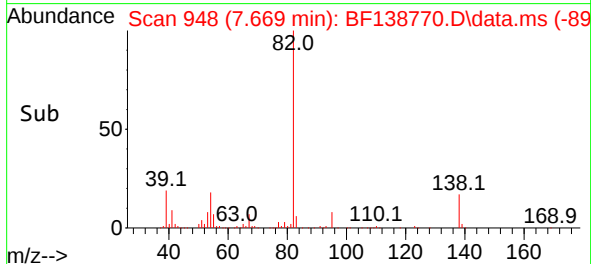
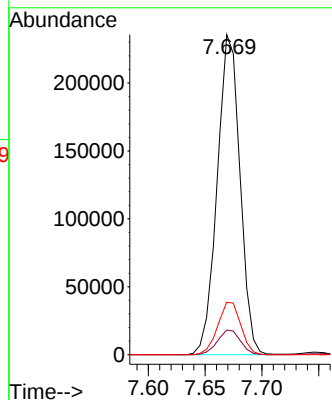
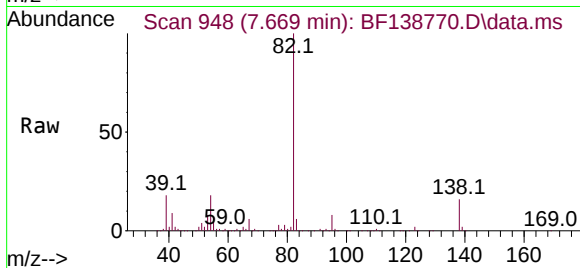
#25
Isophorone
Concen: 47.937 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion: 82 Resp: 329285
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 16.4 13.7 20.5

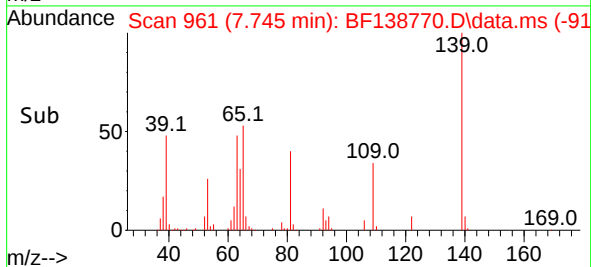
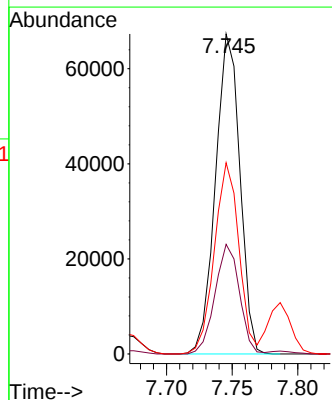
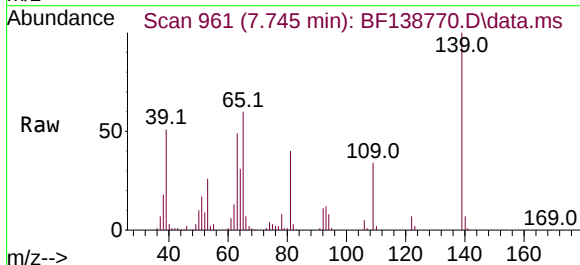
Manual Integrations
APPROVED

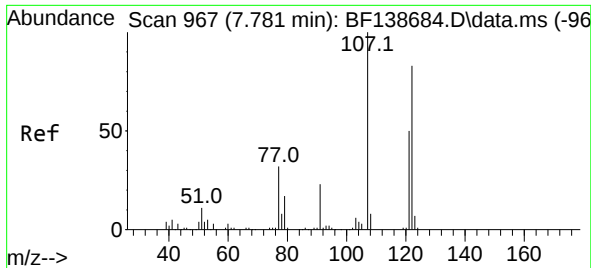
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#26
2-Nitrophenol
Concen: 49.455 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion:139 Resp: 87100
Ion Ratio Lower Upper
139 100
109 34.2 25.9 38.9
65 59.8 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 52.117 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

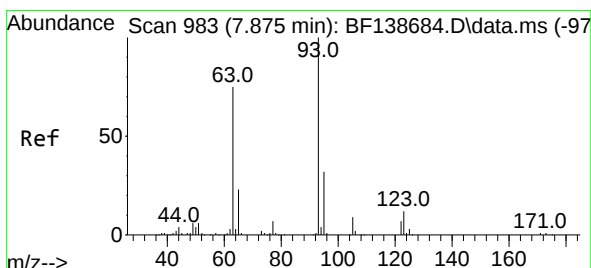
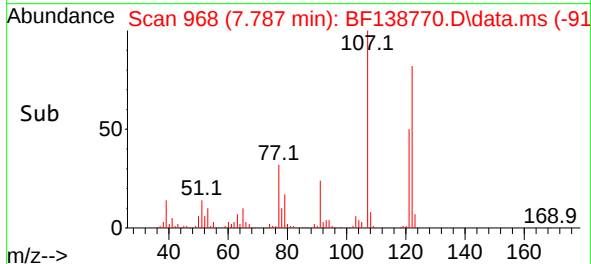
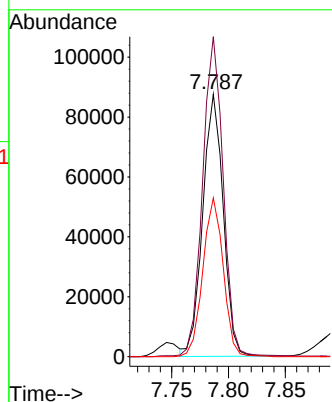
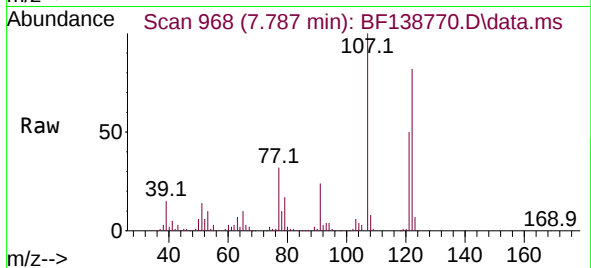
TP4MSD

Tgt Ion:122 Resp: 10982
Ion Ratio Lower Upper
122 100
107 122.0 95.0 142.6
121 60.5 47.3 70.9

Manual Integrations

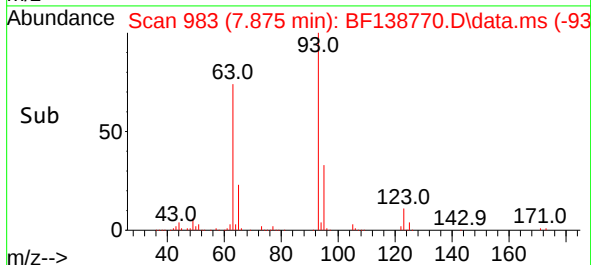
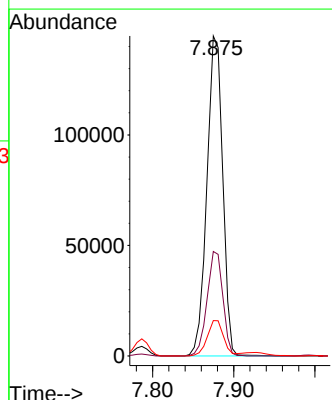
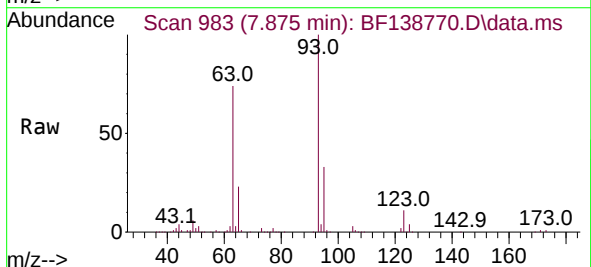
APPROVED

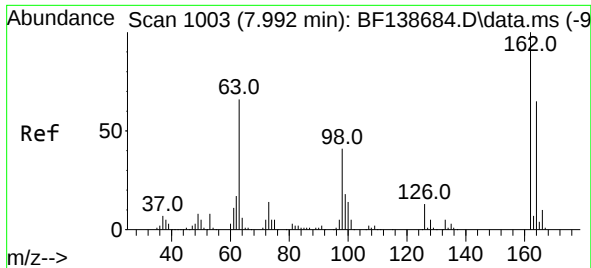
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.745 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion: 93 Resp: 195540
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.604 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:162 Resp: 131600

Ion Ratio Lower Upper

162 100

164 64.8 44.7 84.7

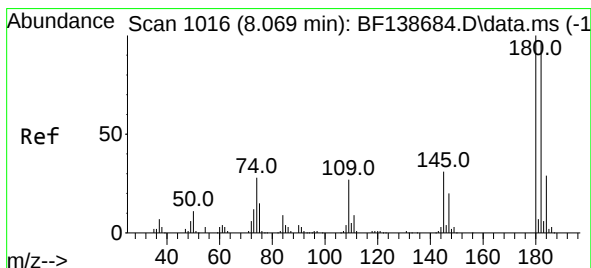
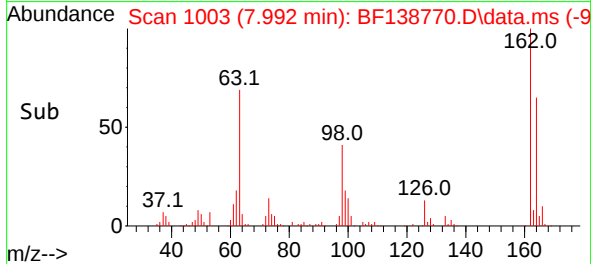
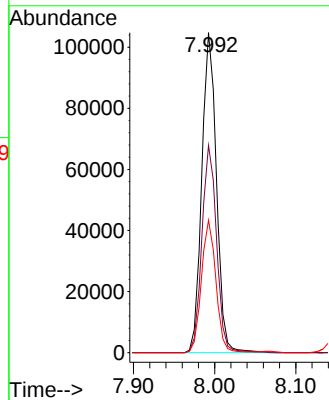
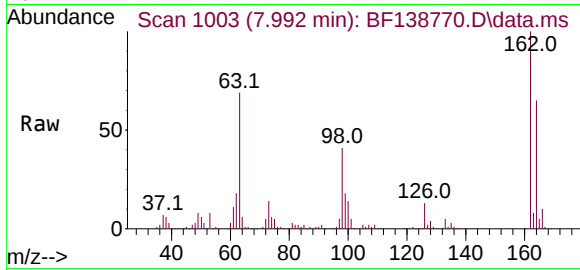
98 41.4 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.364 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

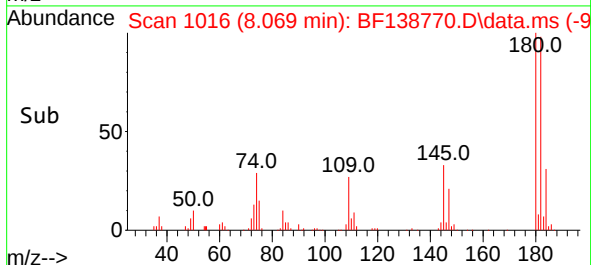
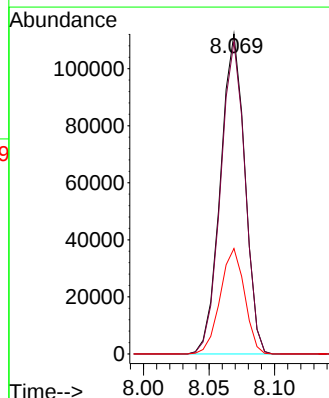
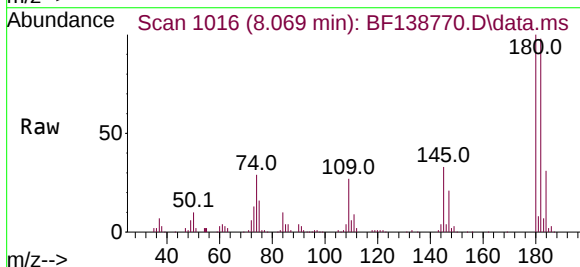
Tgt Ion:180 Resp: 144878

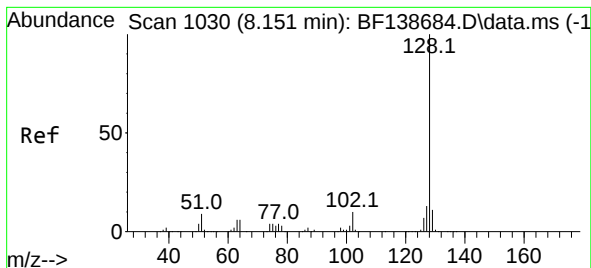
Ion Ratio Lower Upper

180 100

182 97.6 76.9 115.3

145 32.9 25.0 37.4





#31

Naphthalene

Concen: 46.656 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

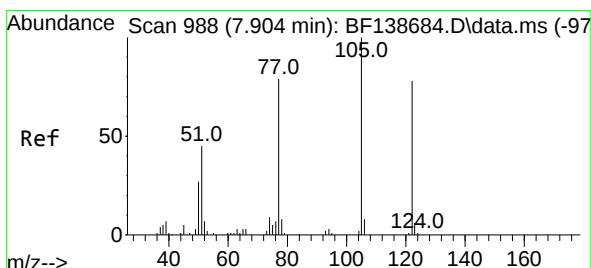
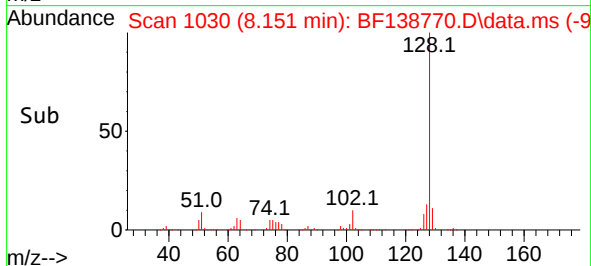
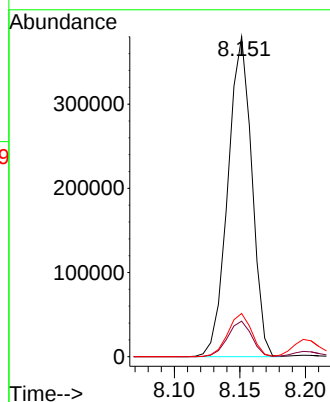
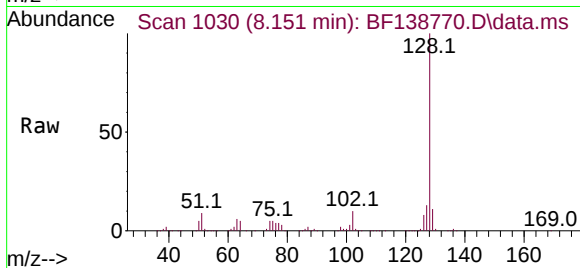
Tgt Ion:128 Resp: 483025
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.7 13.1
 127 13.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#32

Benzoic acid

Concen: 36.491 ng

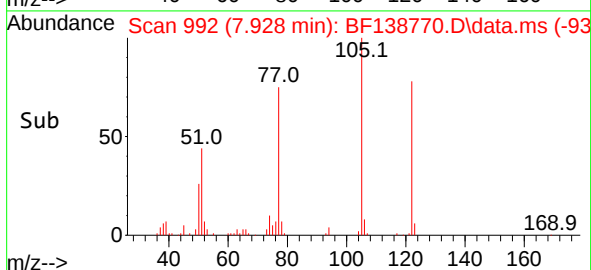
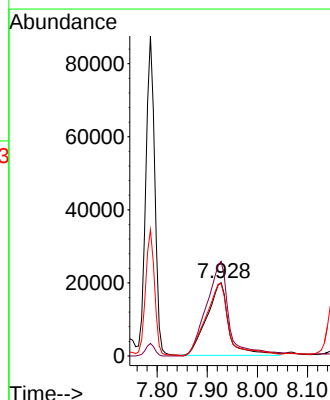
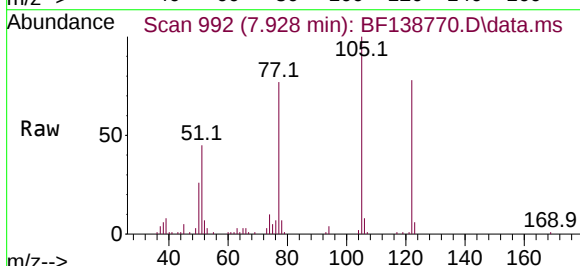
RT: 7.928 min Scan# 992

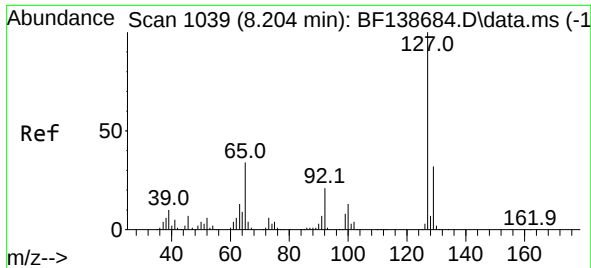
Delta R.T. 0.024 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion:122 Resp: 60445
 Ion Ratio Lower Upper
 122 100
 105 128.9 106.7 146.7
 77 98.6 81.1 121.1





#33
4-Chloroaniline
Concen: 11.960 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

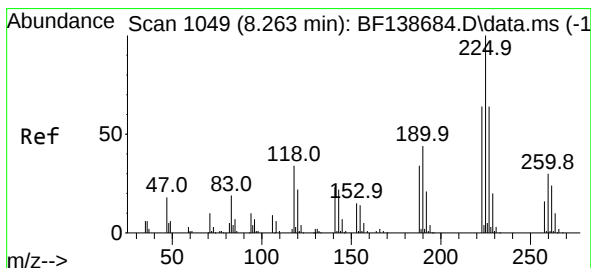
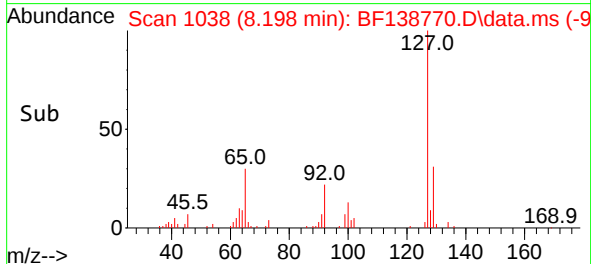
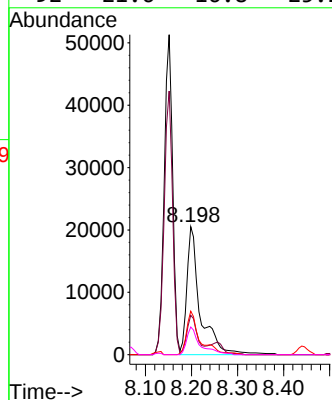
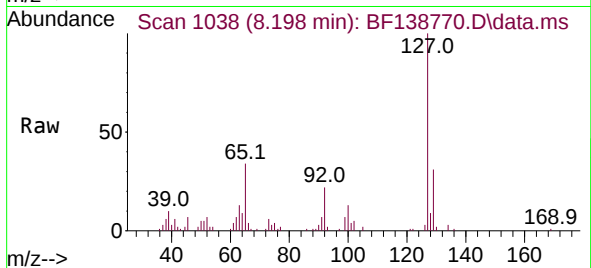
ClientSampleId :

TP4MSD

Tgt Ion:127 Resp: 41562
Ion Ratio Lower Upper
127 100
129 30.8 25.9 38.9
65 34.0 27.6 41.4
92 21.6 16.8 25.2

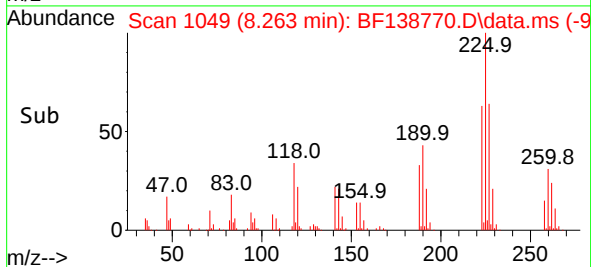
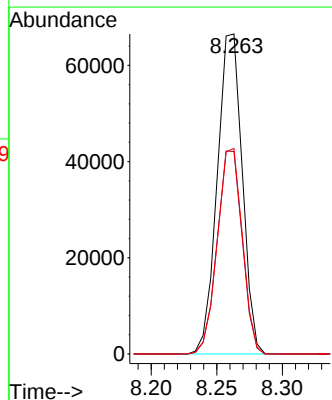
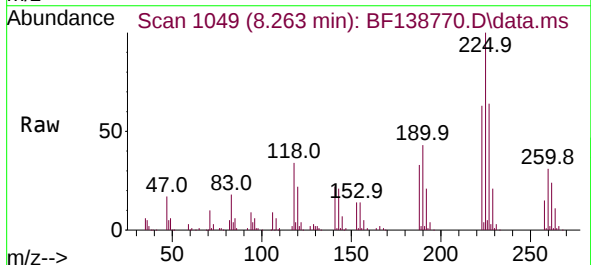
Manual Integrations
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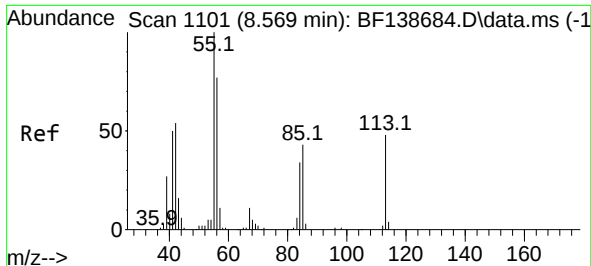
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#34
Hexachlorobutadiene
Concen: 46.637 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

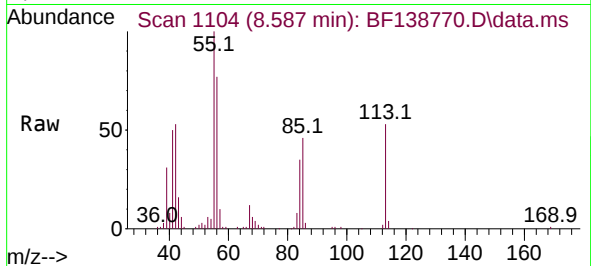
Tgt Ion:225 Resp: 88268
Ion Ratio Lower Upper
225 100
223 63.3 51.2 76.8
227 64.2 51.1 76.7





#35
Caprolactam
Concen: 47.066 ng m
RT: 8.587 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

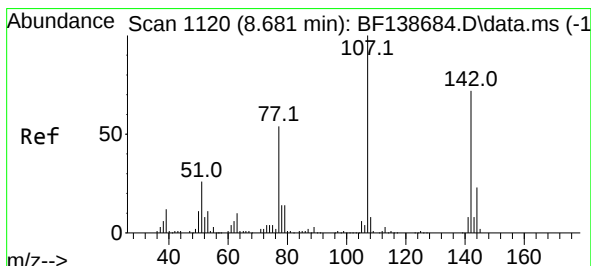
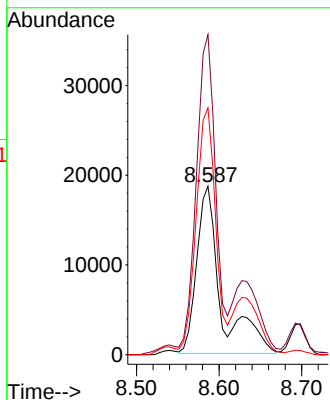
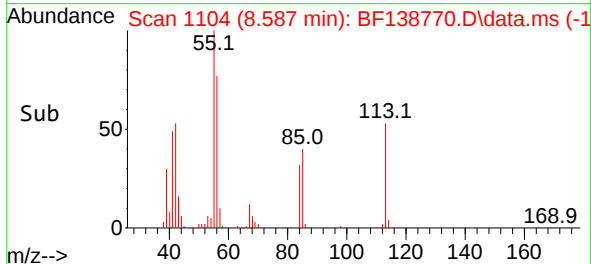
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:113 Resp: 3802
Ion Ratio Lower Upper
113 100
55 190.1 186.7 226.7
56 146.7 138.9 178.9

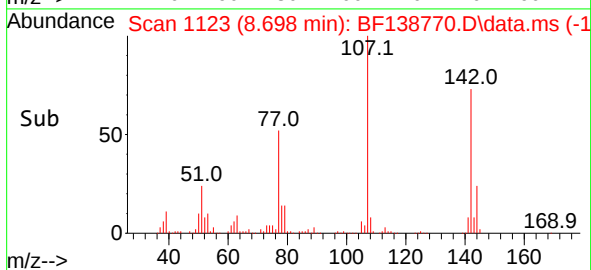
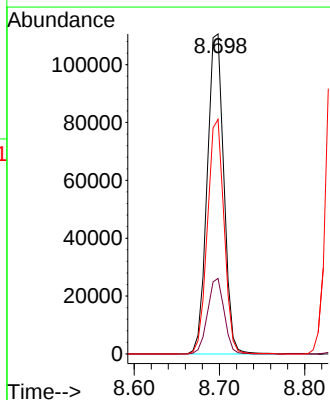
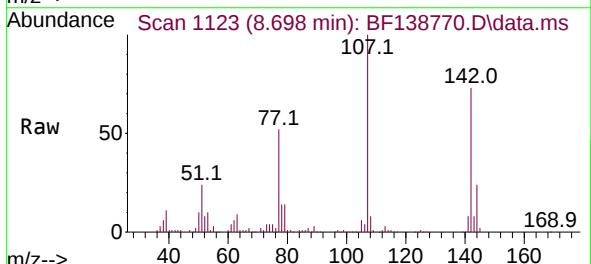
Manual Integrations
APPROVED

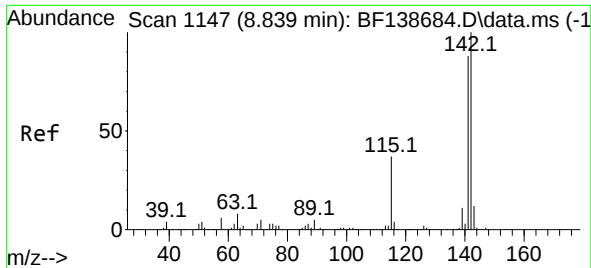
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#36
4-Chloro-3-methylphenol
Concen: 48.605 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.018 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion:107 Resp: 150410
Ion Ratio Lower Upper
107 100
144 23.6 18.2 27.2
142 73.3 57.4 86.2





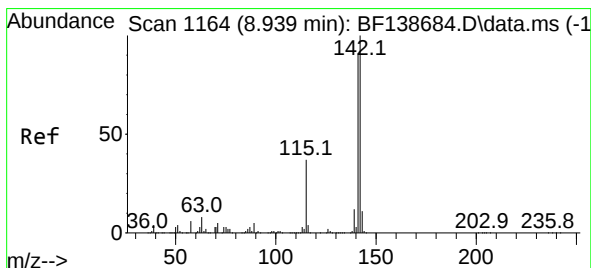
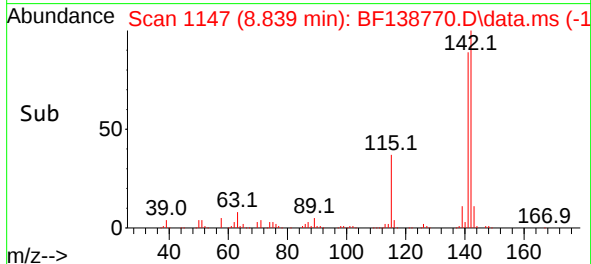
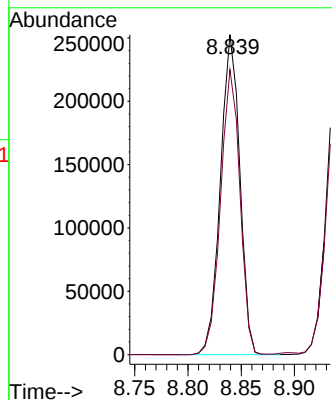
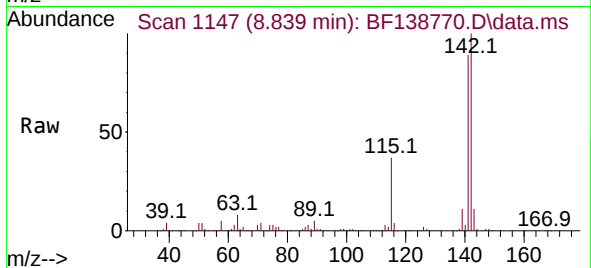
#37
2-Methylnaphthalene
Concen: 48.788 ng
RT: 8.839 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion:142 Resp: 31899
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2

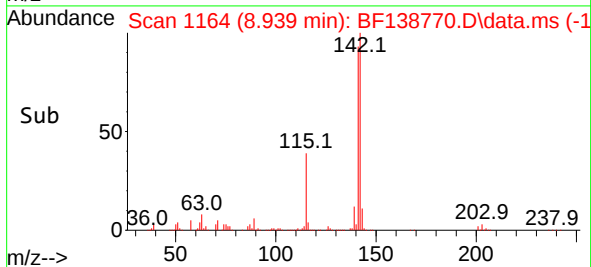
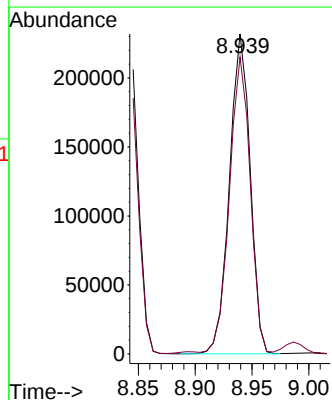
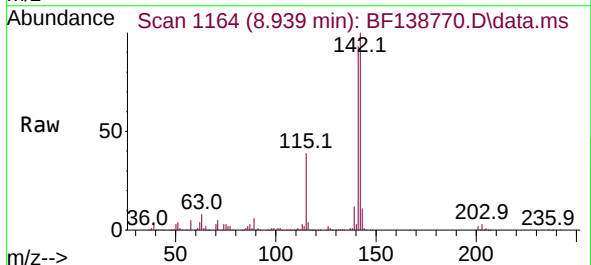
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#38
1-Methylnaphthalene
Concen: 45.841 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

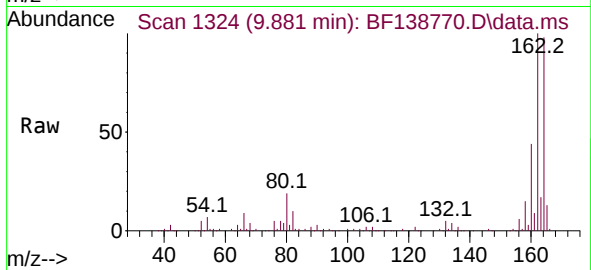
Tgt Ion:142 Resp: 293706
Ion Ratio Lower Upper
142 100
141 92.8 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

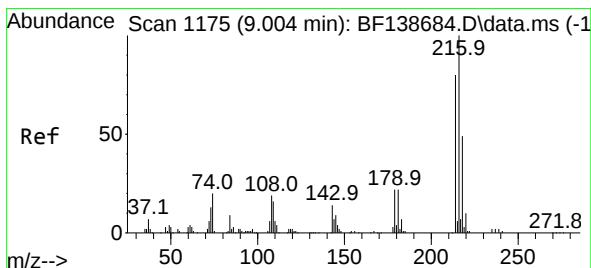
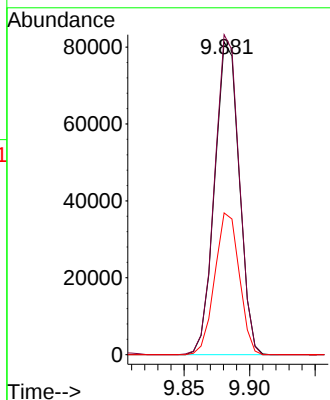
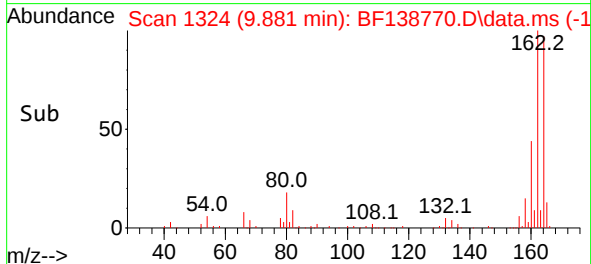
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:164 Resp: 105814
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.0
160 45.3 35.1 52.7

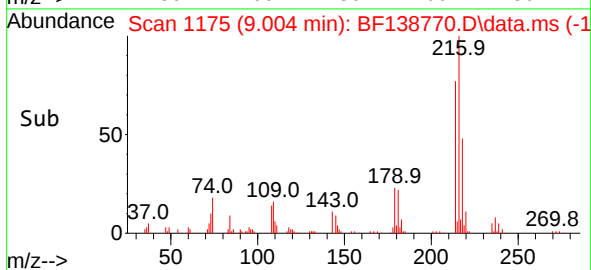
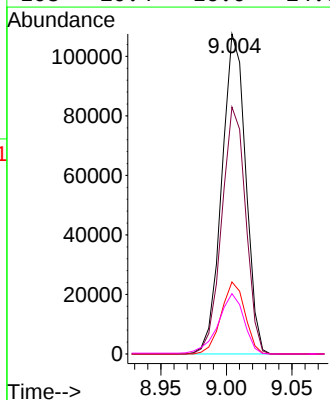
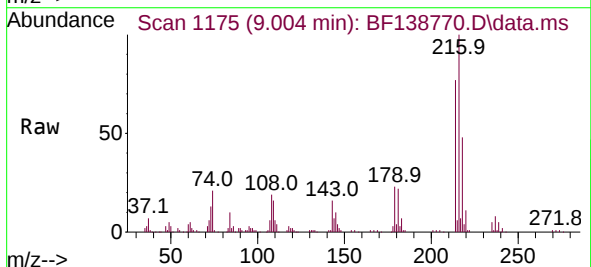
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.363 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

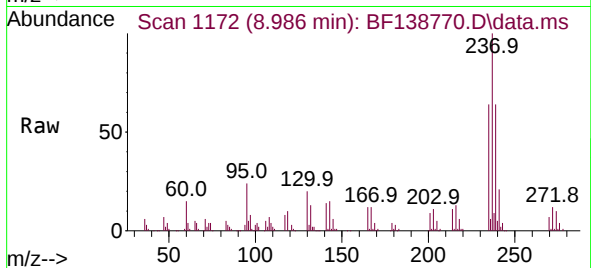
Tgt Ion:216 Resp: 136278
Ion Ratio Lower Upper
216 100
214 77.3 63.9 95.9
179 22.4 17.8 26.6
108 20.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 101.060 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

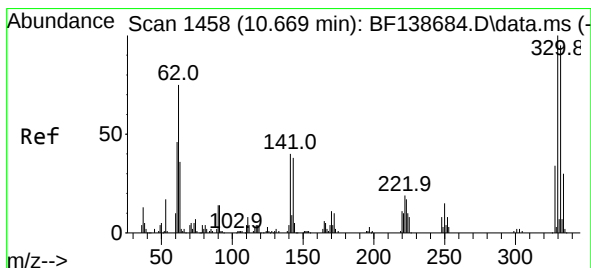
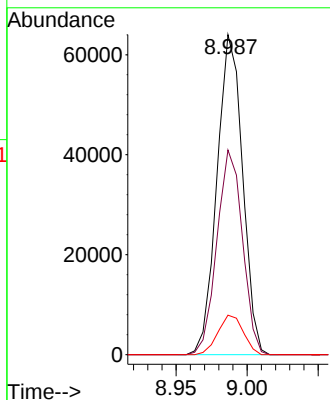
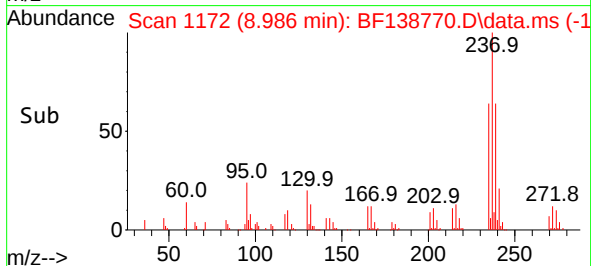
Instrument :
BNA_F
ClientSampleId :
TP4MSD



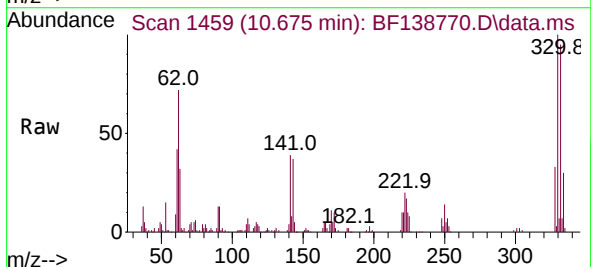
Tgt Ion:237 Resp: 80189
Ion Ratio Lower Upper
237 100
235 63.9 41.8 81.8
272 12.3 0.0 32.2

Manual Integrations
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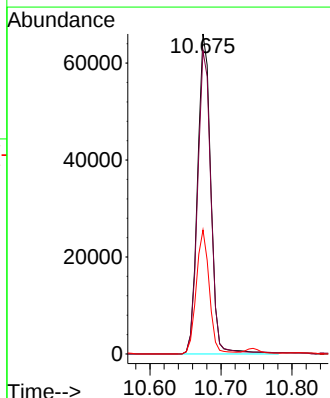
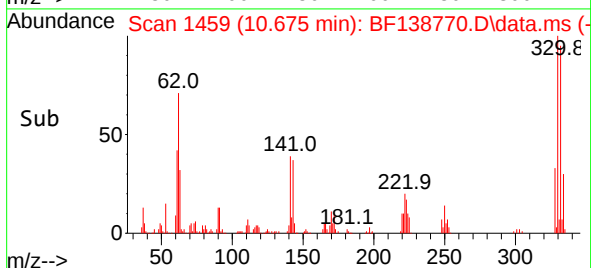
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#42
2,4,6-Tribromophenol
Concen: 99.021 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



Tgt Ion:330 Resp: 85827
Ion Ratio Lower Upper
330 100
332 94.5 76.4 114.6
141 38.1 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 50.520 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:196 Resp: 90540

Ion Ratio Lower Upper

196 100

198 99.5 80.5 120.7

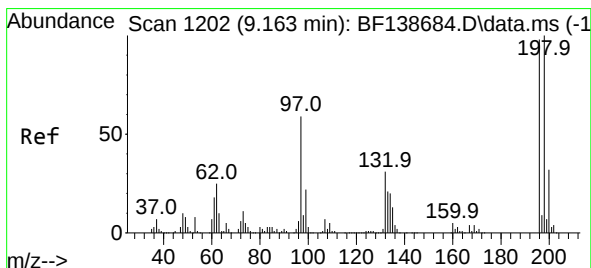
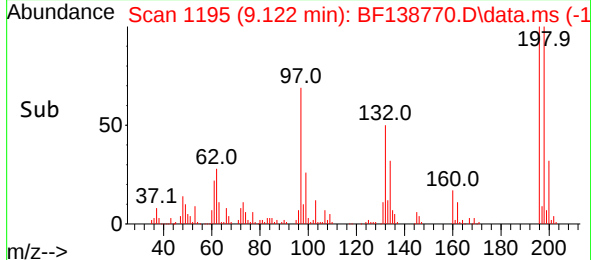
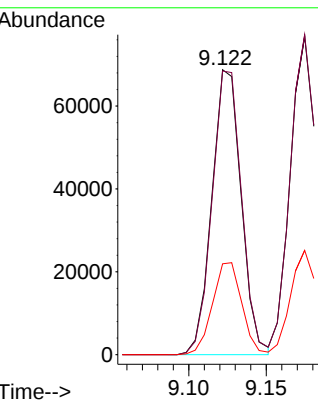
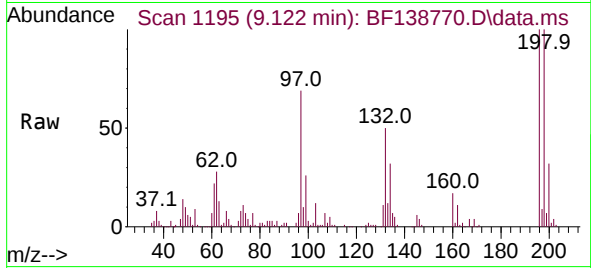
200 31.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#44

2,4,5-Trichlorophenol

Concen: 48.698 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion:196 Resp: 95410

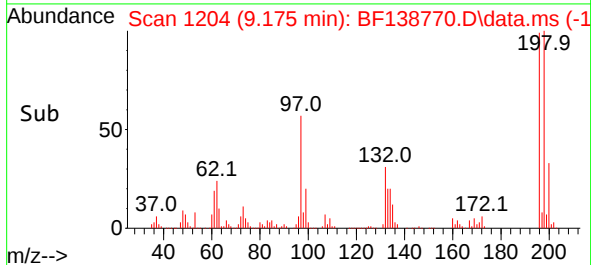
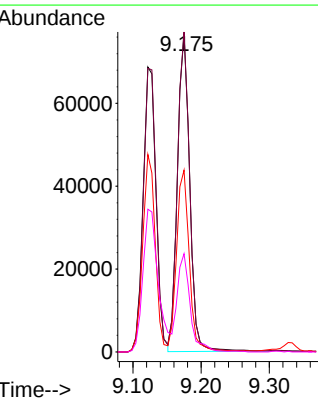
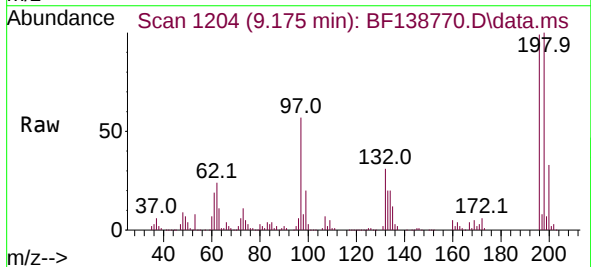
Ion Ratio Lower Upper

196 100

198 100.6 81.2 121.8

97 57.1 47.8 71.6

132 30.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 61.361 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138770.D

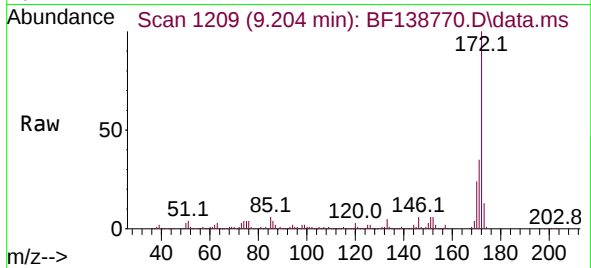
Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD



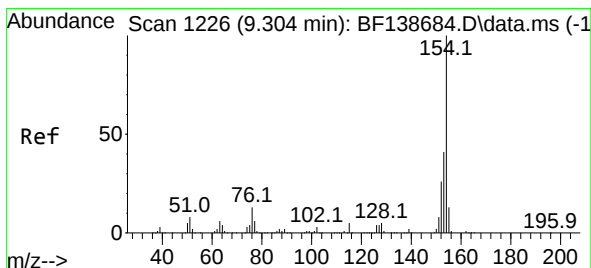
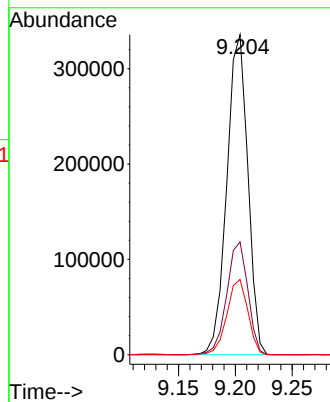
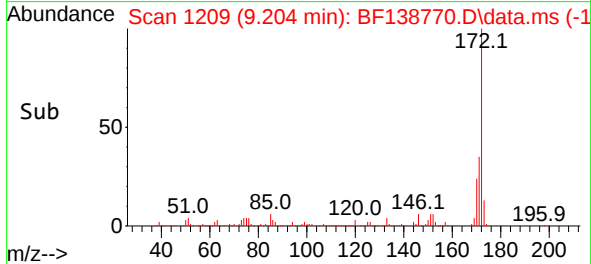
Tgt Ion:	172	Resp:	432138
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.3	42.5
170	23.5	18.8	28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#46

1,1'-Biphenyl

Concen: 45.279 ng

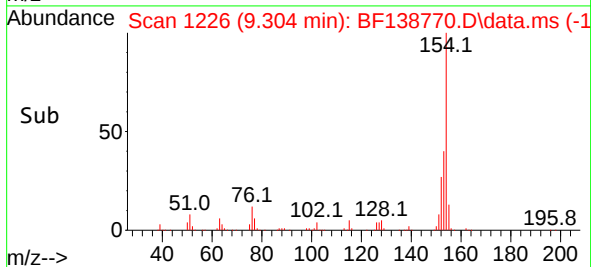
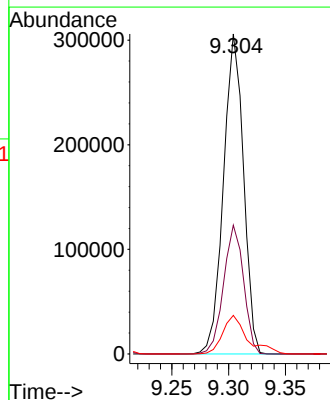
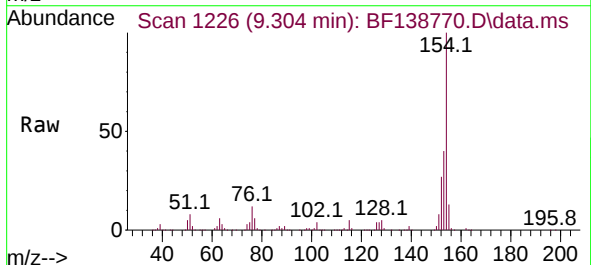
RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion:	154	Resp:	375239
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.8	60.8
76	12.0	0.0	32.8





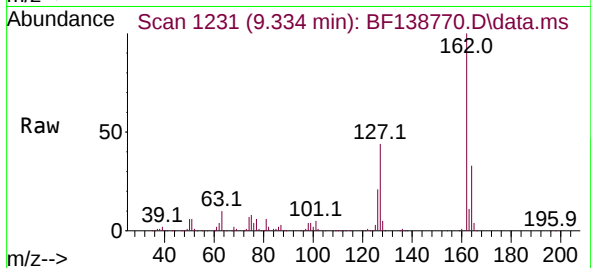
#47
2-Chloronaphthalene
Concen: 47.591 ng
RT: 9.334 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

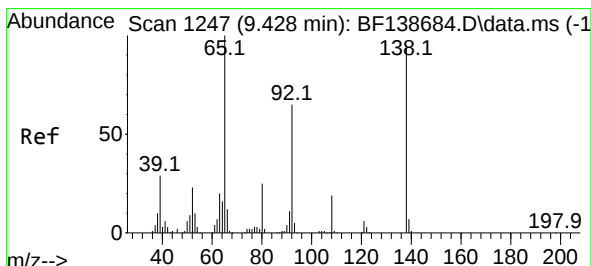
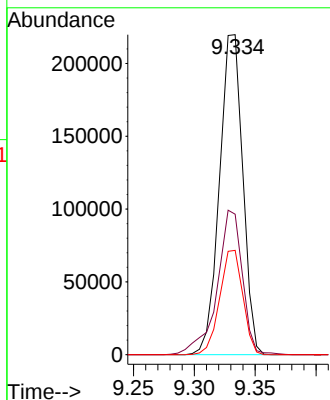
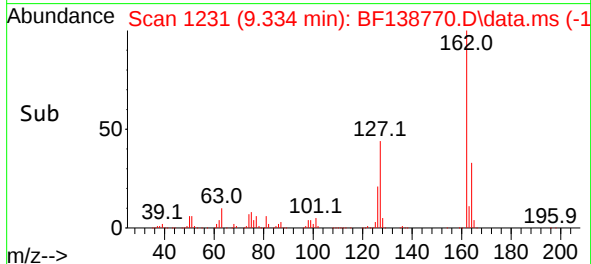


Tgt Ion:162 Resp: 29332
Ion Ratio Lower Upper
162 100
127 43.9 35.4 53.2
164 32.6 25.6 38.4

Manual Integrations

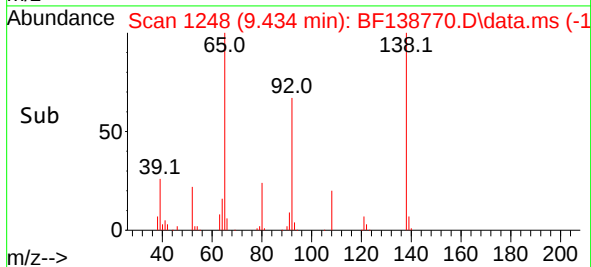
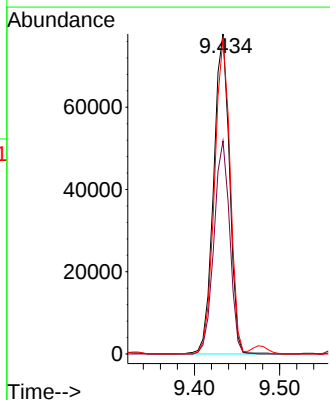
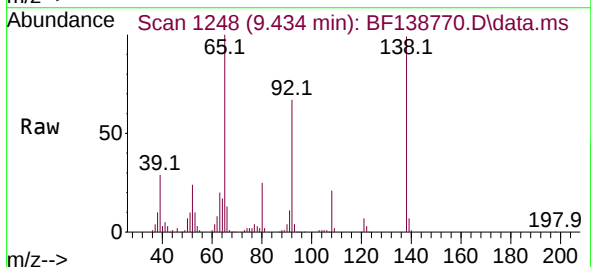
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#48
2-Nitroaniline
Concen: 48.206 ng
RT: 9.434 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

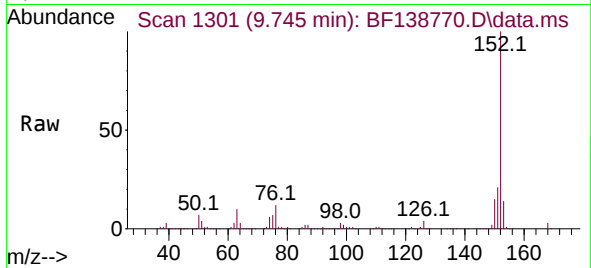
Tgt Ion: 65 Resp: 100726
Ion Ratio Lower Upper
65 100
92 66.5 52.0 78.0
138 98.7 76.2 114.4





#49
Acenaphthylene
Concen: 52.327 ng
RT: 9.745 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

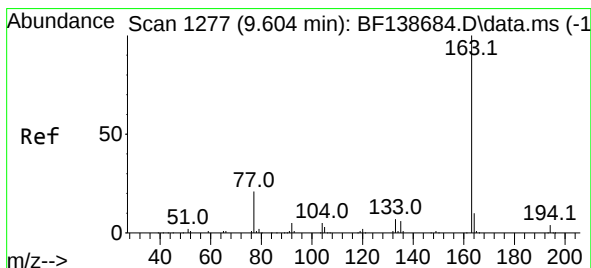
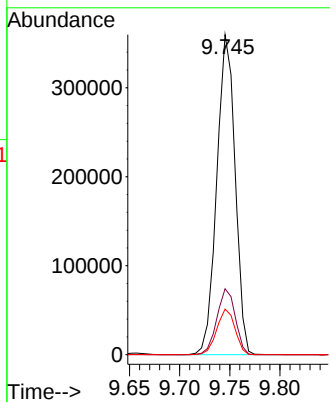
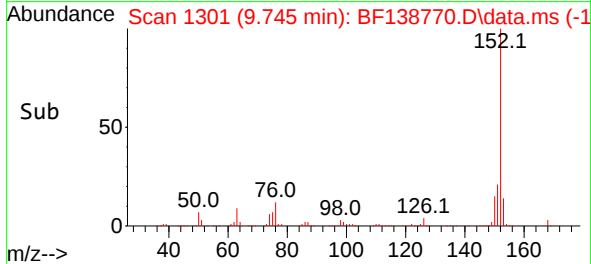
Instrument :
BNA_F
ClientSampleId :
TP4MSD



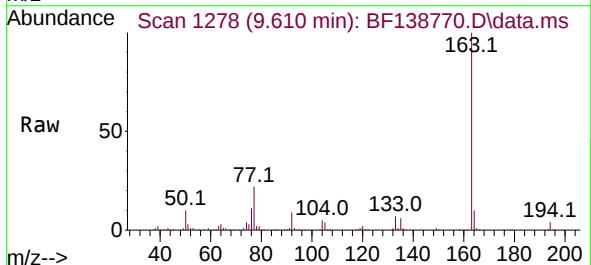
Tgt Ion:152 Resp: 457419
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 14.2 11.0 16.4

Manual Integrations
APPROVED

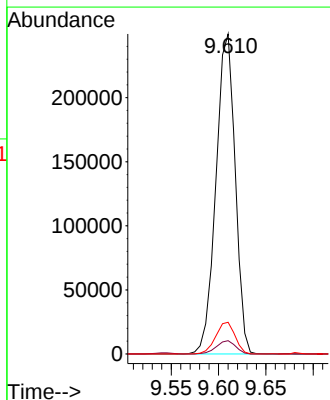
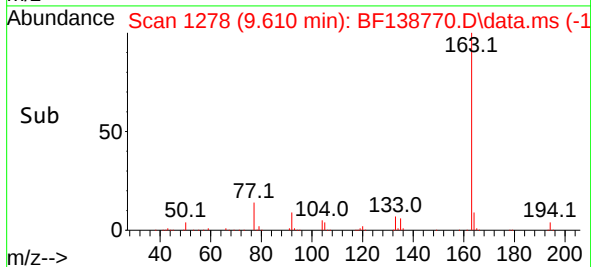
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

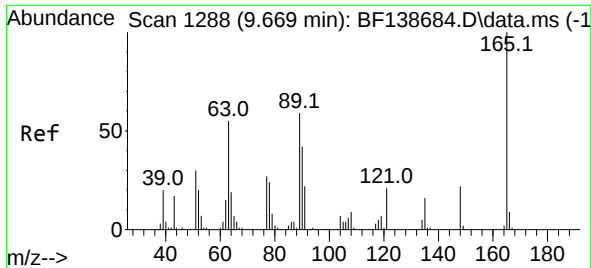


#50
Dimethylphthalate
Concen: 52.205 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



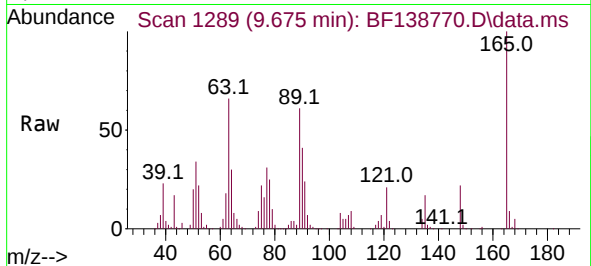
Tgt Ion:163 Resp: 353212
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 49.220 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

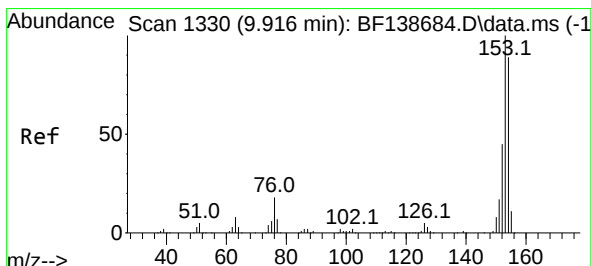
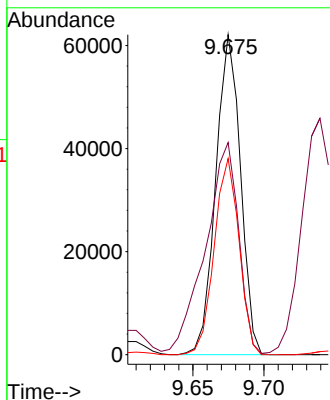
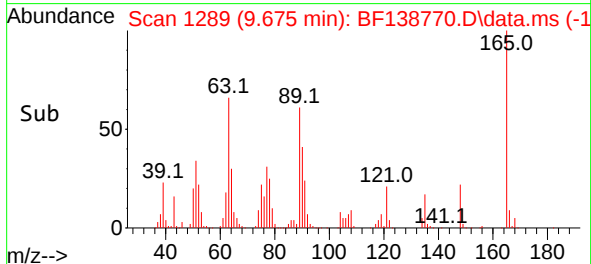
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:165 Resp: 7515
Ion Ratio Lower Upper
165 100
63 66.3 52.0 78.0
89 61.3 47.0 70.6

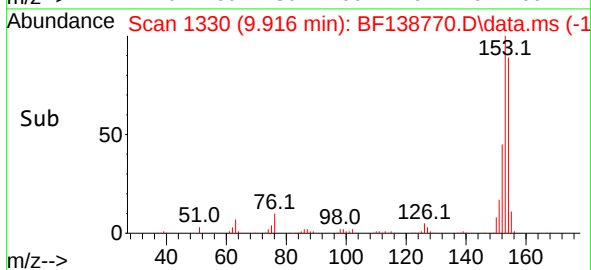
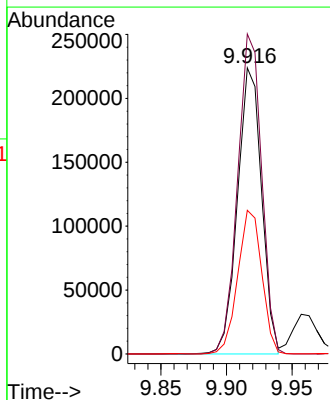
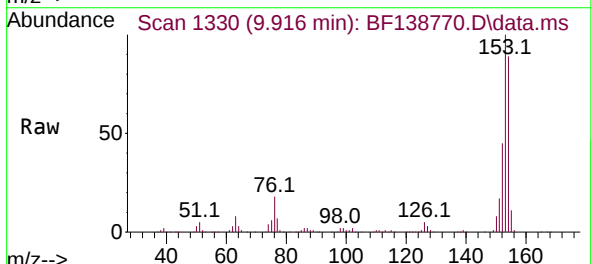
Manual Integrations
APPROVED

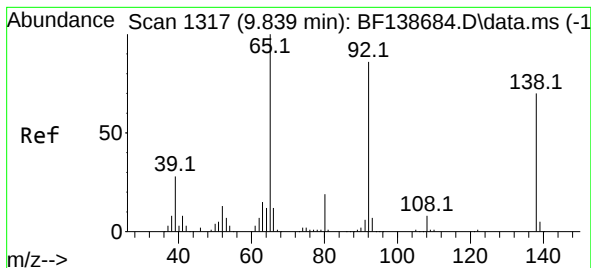
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#52
Acenaphthene
Concen: 48.774 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion:154 Resp: 286610
Ion Ratio Lower Upper
154 100
153 111.8 89.9 134.9
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 25.270 ng

RT: 9.845 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

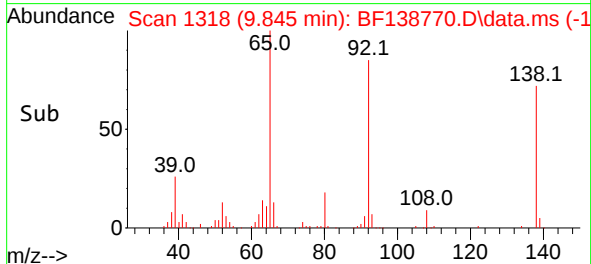
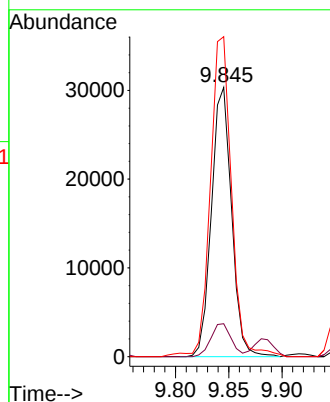
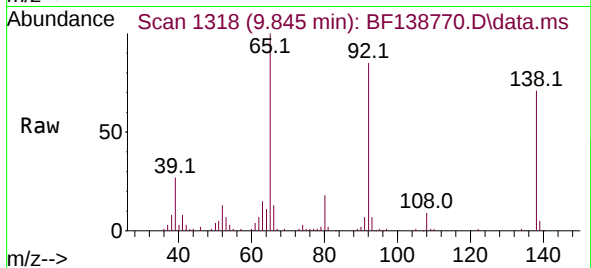
Tgt Ion:138	Resp:	39889
Ion Ratio	Lower	Upper
138	100	
108	12.3	9.1 13.7
92	118.8	98.7 148.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#54

2,4-Dinitrophenol

Concen: 89.468 ng

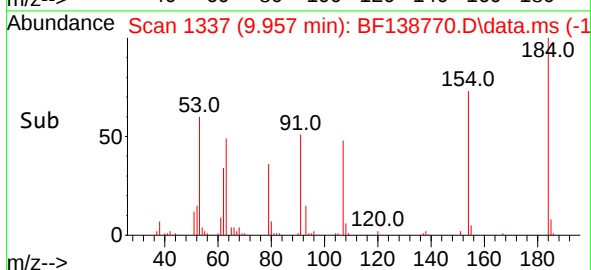
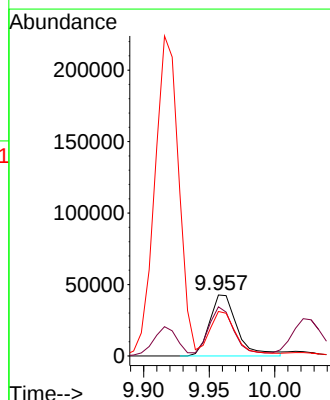
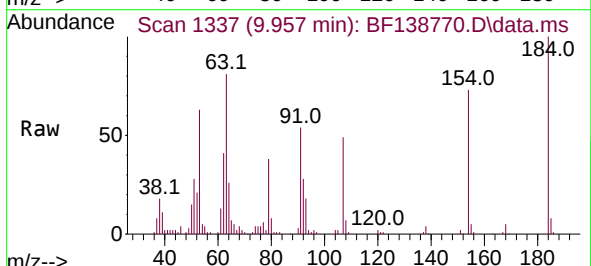
RT: 9.957 min Scan# 1337

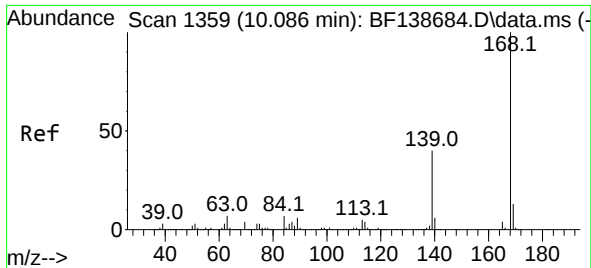
Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion:184	Resp:	62887
Ion Ratio	Lower	Upper
184	100	
63	80.6	57.5 86.3
154	72.9	51.7 77.5





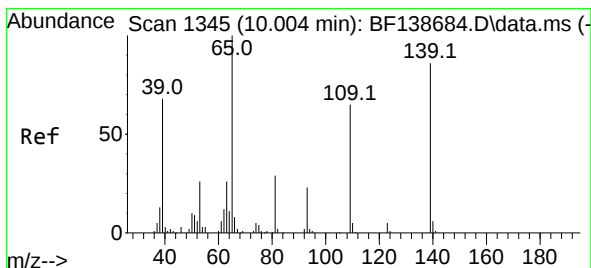
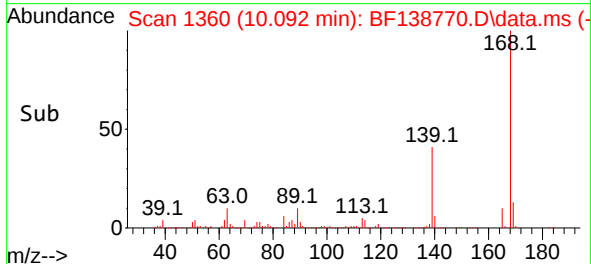
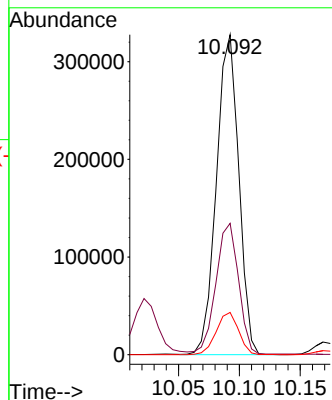
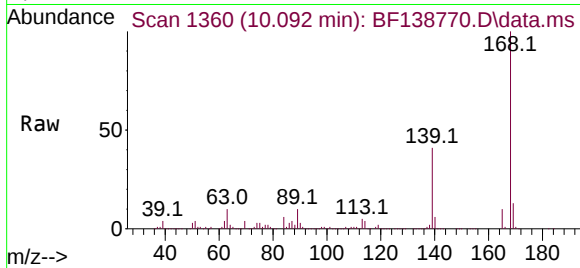
#55
Dibenzenofuran
Concen: 50.412 ng
RT: 10.092 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion:168 Resp: 418168
Ion Ratio Lower Upper
168 100
139 41.1 32.6 49.0
169 13.2 10.7 16.1

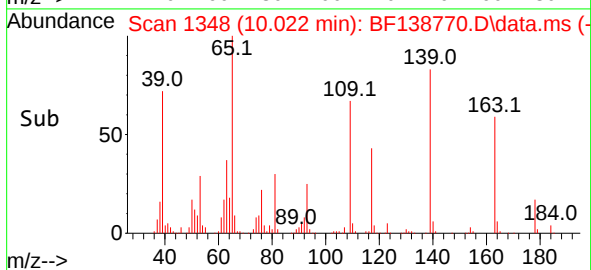
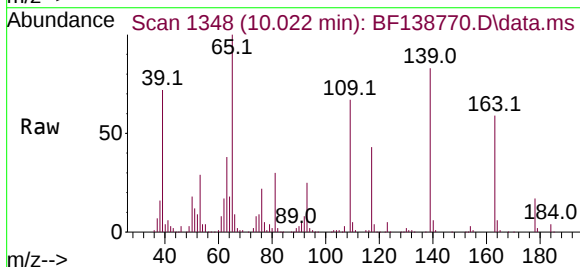
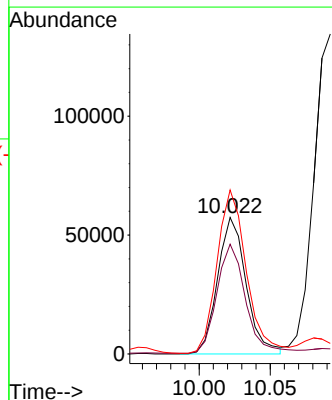
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#56
4-Nitrophenol
Concen: 84.690 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion:139 Resp: 80391
Ion Ratio Lower Upper
139 100
109 80.4 55.5 95.5
65 120.2 96.7 136.7





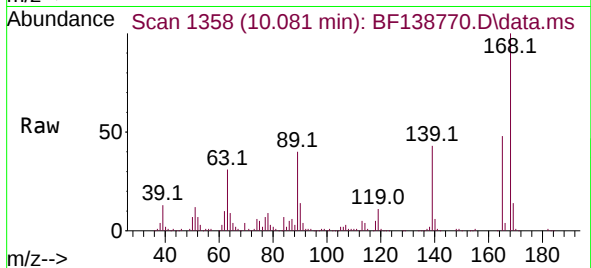
#57
2,4-Dinitrotoluene
Concen: 50.959 ng
RT: 10.081 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

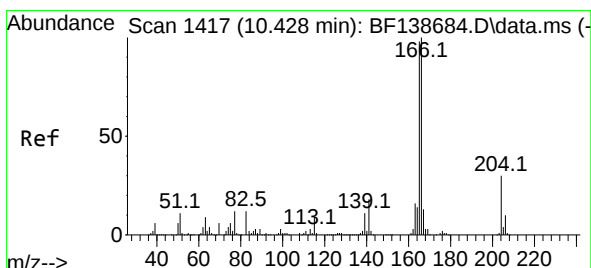
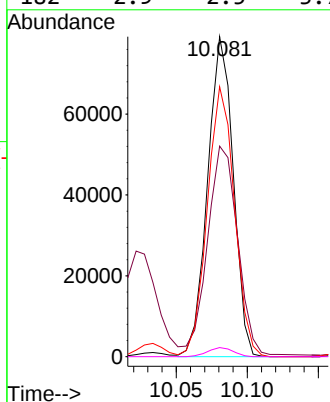
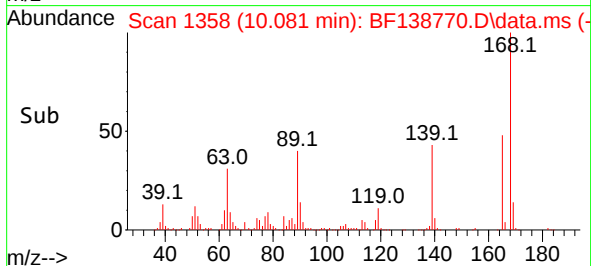


Tgt Ion:165 Resp: 99275
Ion Ratio Lower Upper
165 100
63 65.8 46.3 69.5
89 84.4 64.2 96.4
182 2.9 2.5 3.7

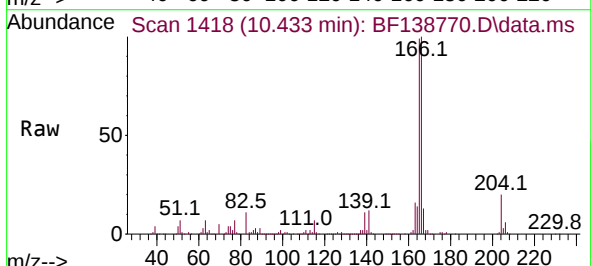
Manual Integrations

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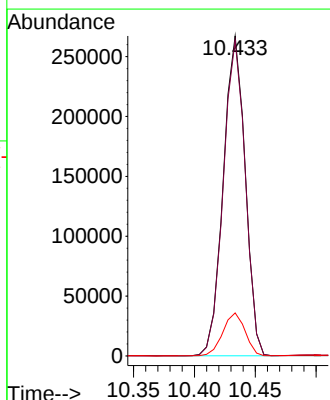
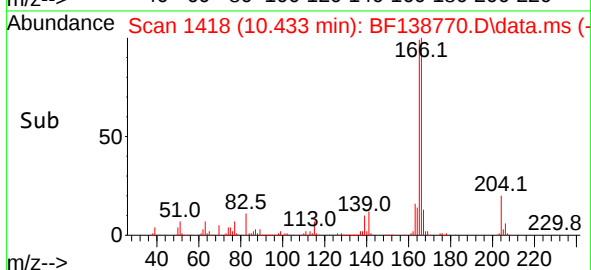
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#58
Fluorene
Concen: 50.711 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



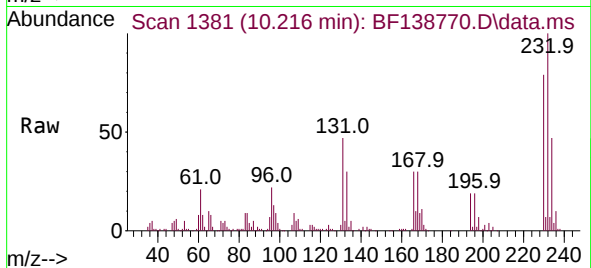
Tgt Ion:166 Resp: 334972
Ion Ratio Lower Upper
166 100
165 98.6 78.4 117.6
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.798 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

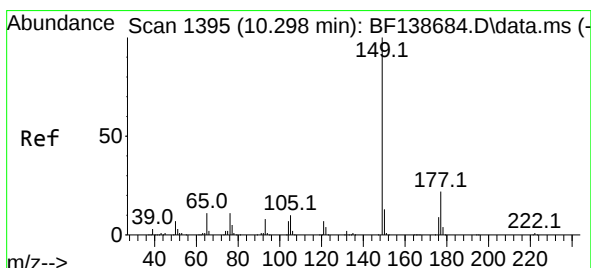
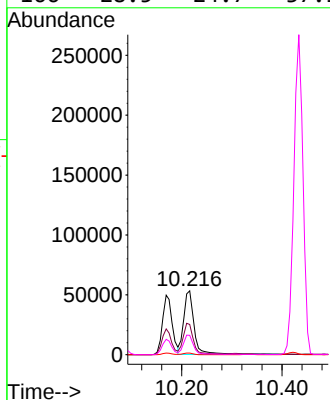
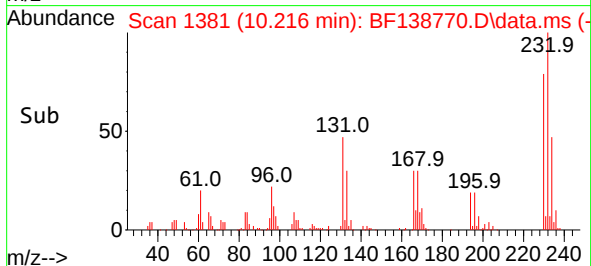
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:232 Resp: 7758
Ion Ratio Lower Upper
232 100
131 47.4 37.0 55.4
130 2.4 2.0 3.0
166 28.5 24.7 37.1

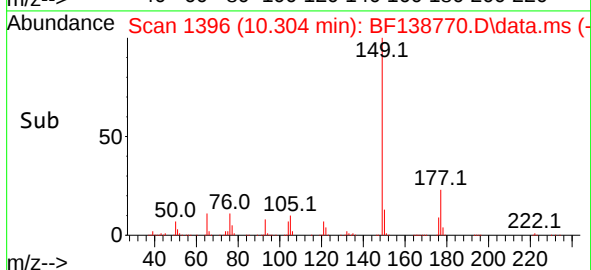
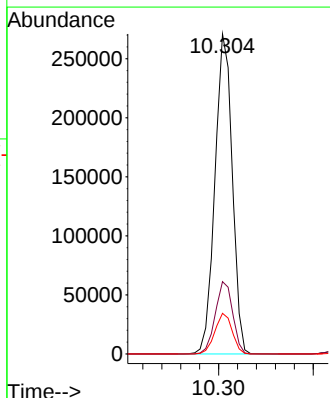
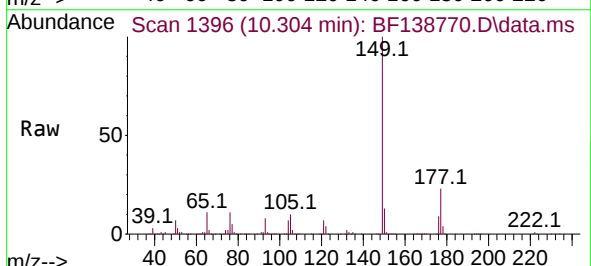
Manual Integrations
APPROVED

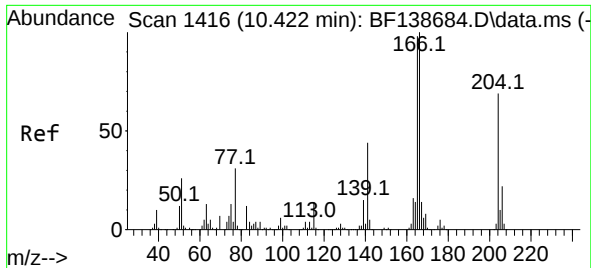
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#60
Diethylphthalate
Concen: 53.628 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

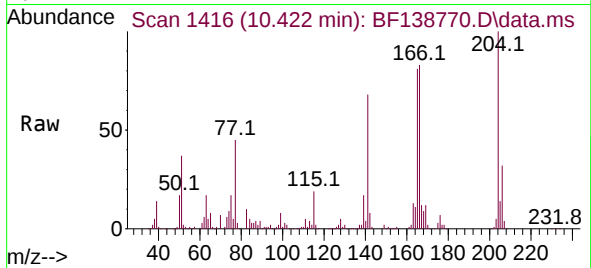
Tgt Ion:149 Resp: 344036
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.916 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

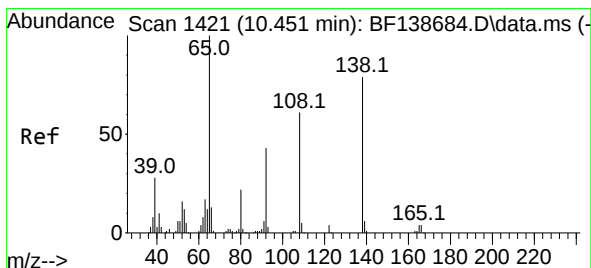
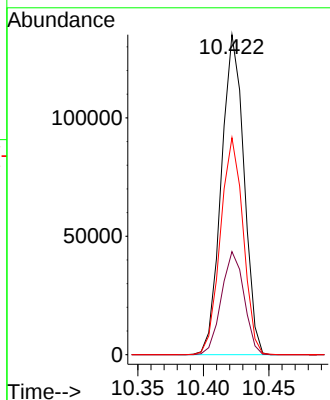
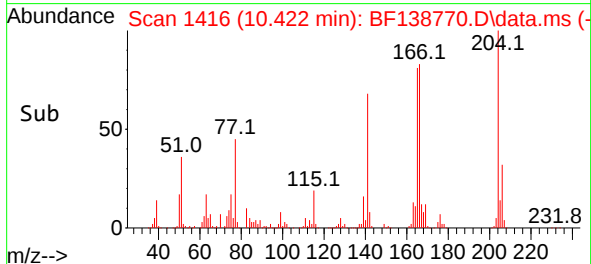
Instrument :
BNA_F
ClientSampleId :
TP4MSD



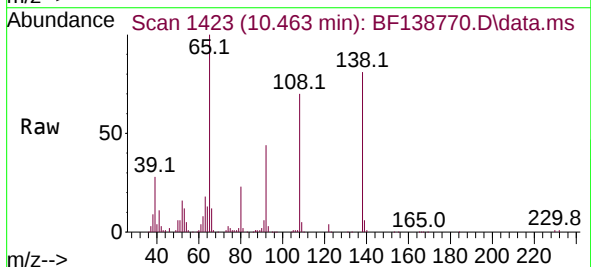
Tgt Ion:204 Resp: 16216
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 67.8 51.4 77.0

Manual Integrations
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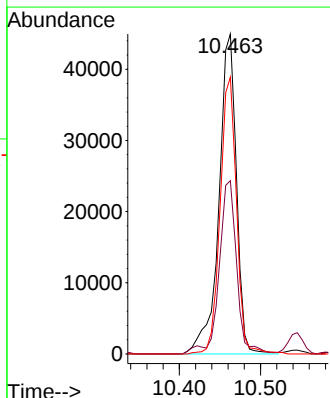
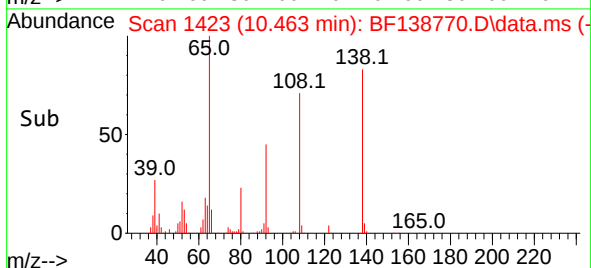
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

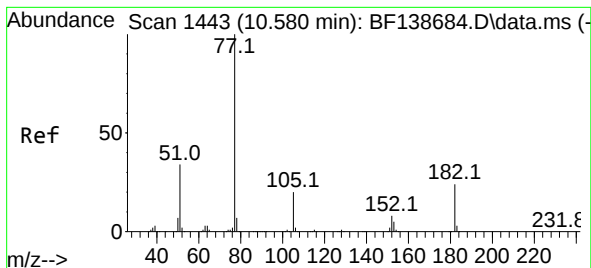


#62
4-Nitroaniline
Concen: 45.125 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



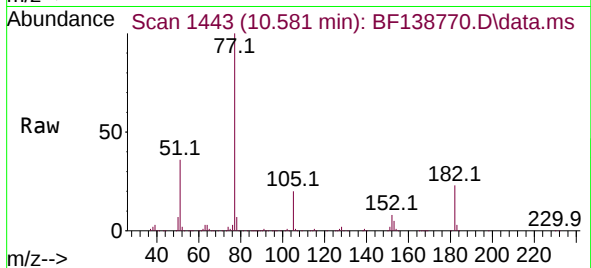
Tgt Ion:138 Resp: 67691
Ion Ratio Lower Upper
138 100
92 54.2 34.2 74.2
108 86.5 56.2 96.2





#63
Azobenzene
Concen: 49.482 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

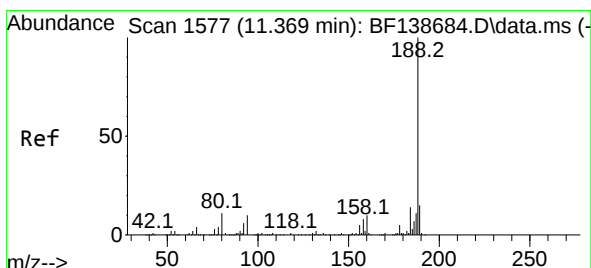
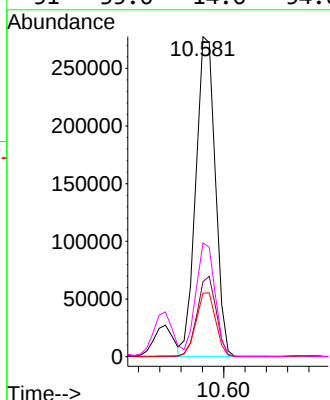
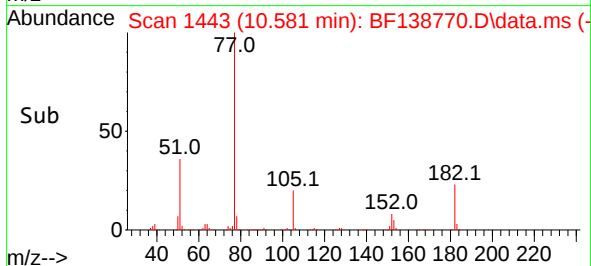
Instrument :
BNA_F
ClientSampleId :
TP4MSD



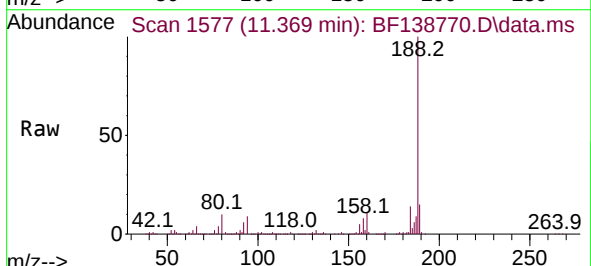
Tgt Ion: 77 Resp: 352068
Ion Ratio Lower Upper
77 100
182 23.5 3.4 43.4
105 19.9 0.2 40.2
51 35.6 14.6 54.6

Manual Integrations
APPROVED

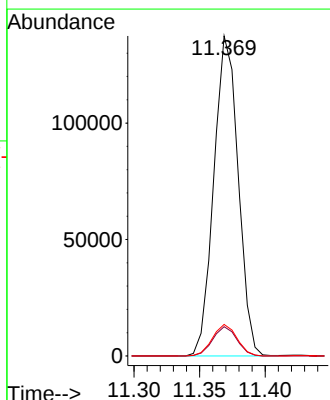
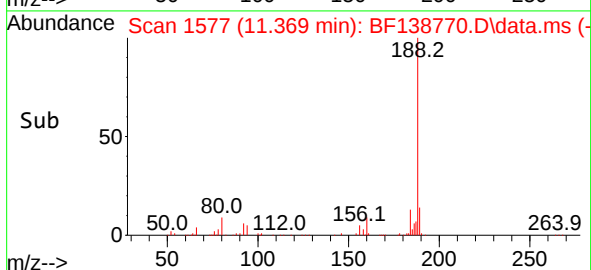
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

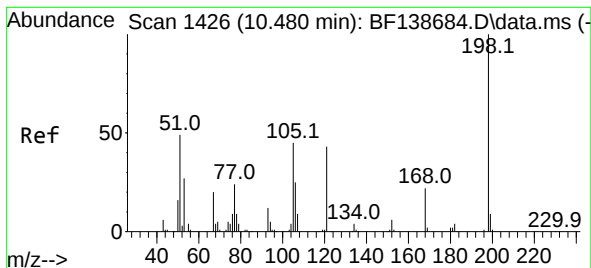


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



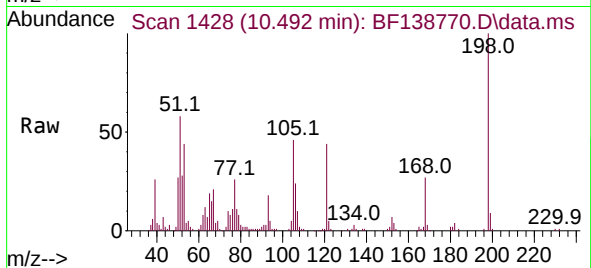
Tgt Ion:188 Resp: 177469
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.8 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 46.911 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

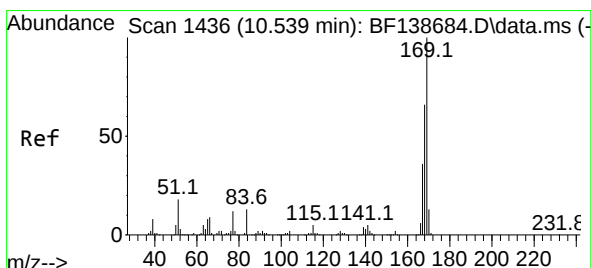
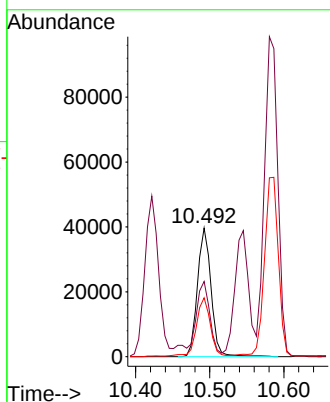
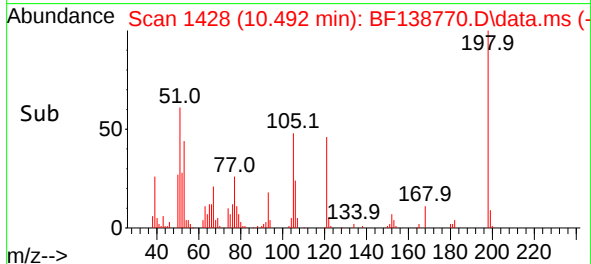
Instrument :
BNA_F
ClientSampleId :
TP4MSD



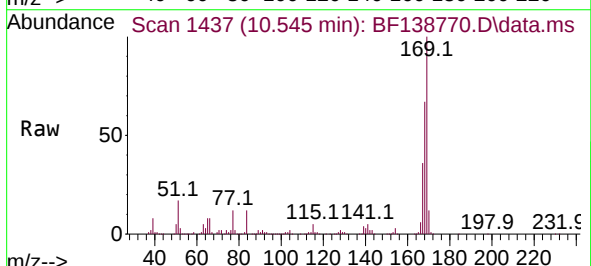
Tgt Ion:198 Resp: 50791
Ion Ratio Lower Upper
198 100
51 58.4 39.9 79.9
105 45.8 26.1 66.1

Manual Integrations
APPROVED

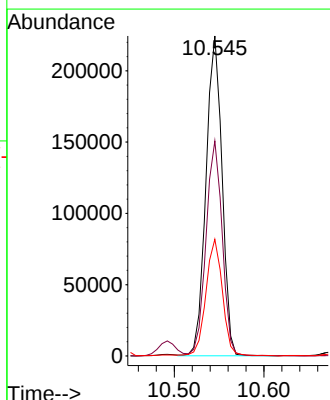
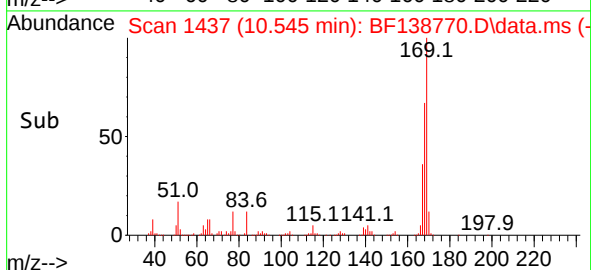
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

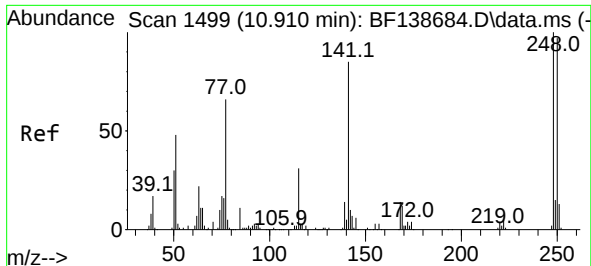


#66
n-Nitrosodiphenylamine
Concen: 50.218 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



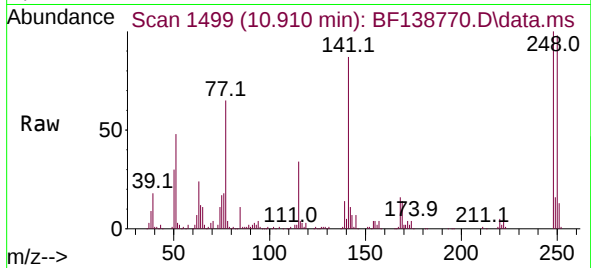
Tgt Ion:169 Resp: 278574
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.270 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

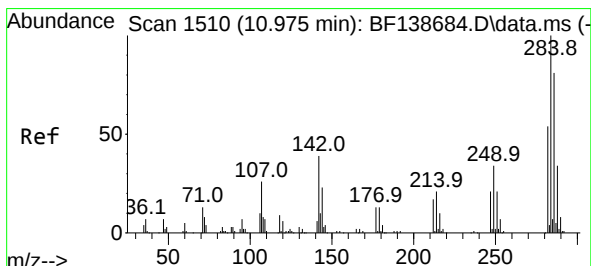
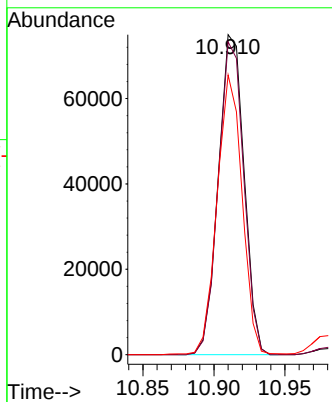
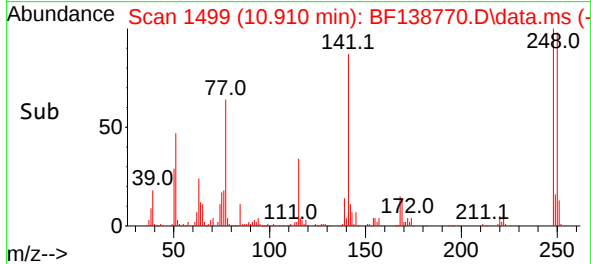
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:248 Resp: 94670
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 87.4 68.0 102.0

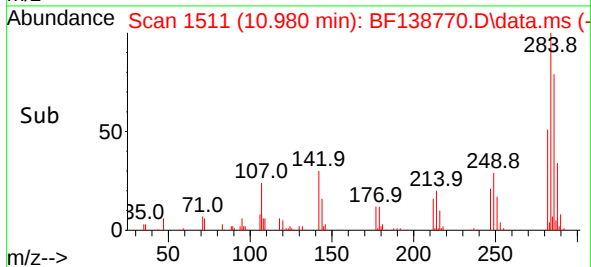
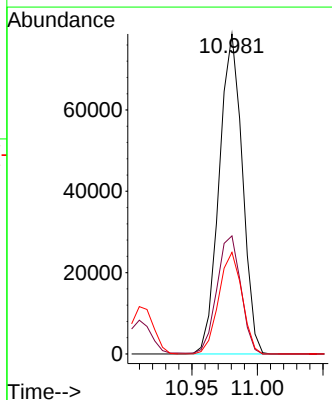
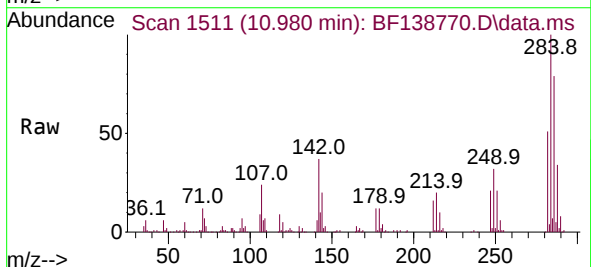
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#68
Hexachlorobenzene
Concen: 48.729 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion:284 Resp: 96674
Ion Ratio Lower Upper
284 100
142 36.9 31.3 46.9
249 31.7 27.2 40.8





#69

Atrazine

Concen: 58.621 ng

RT: 11.075 min Scan# 1527

Delta R.T. 0.012 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

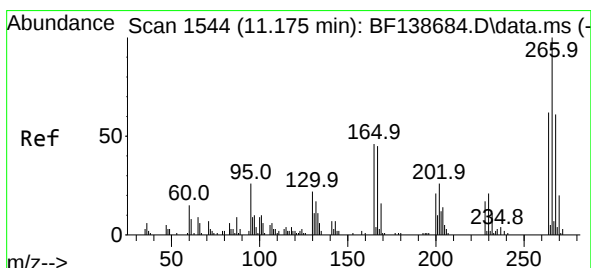
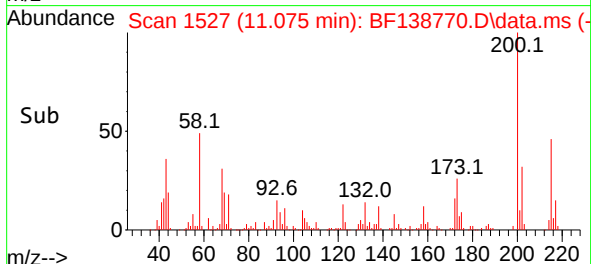
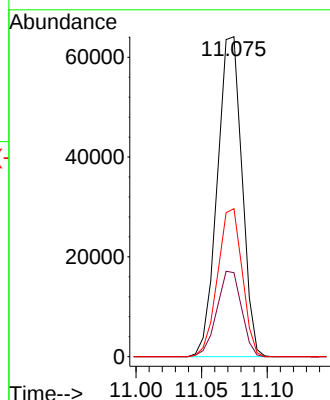
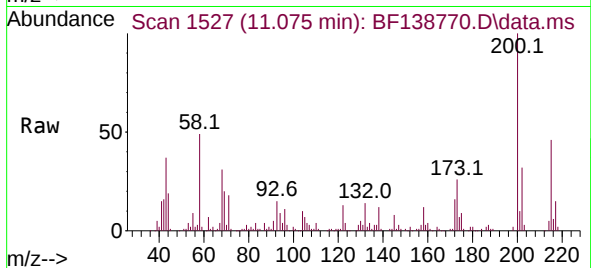
TP4MSD

Tgt Ion:200 Resp: 8389
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.0 46.0
 215 46.2 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024



#70

Pentachlorophenol

Concen: 80.447 ng

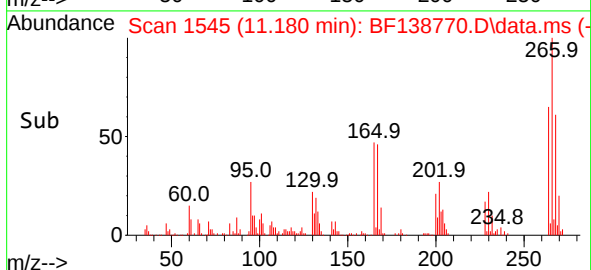
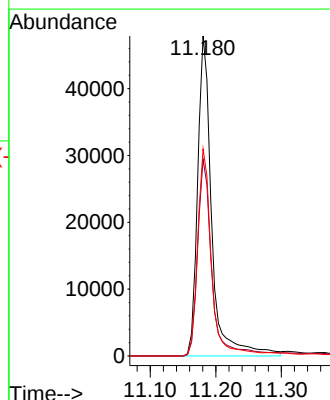
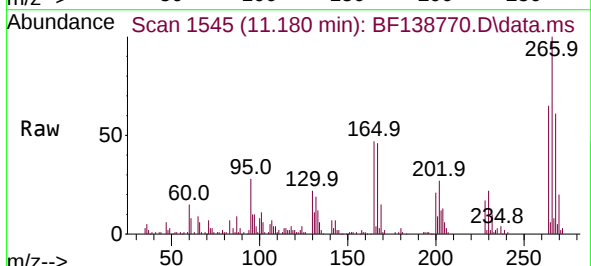
RT: 11.180 min Scan# 1545

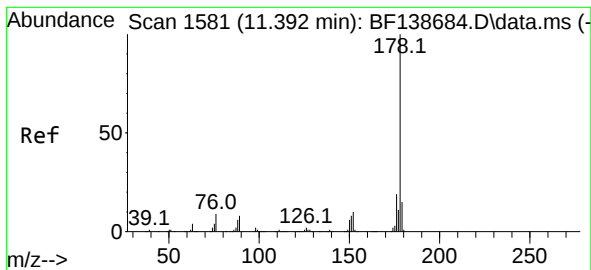
Delta R.T. 0.005 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion:266 Resp: 71938
 Ion Ratio Lower Upper
 266 100
 268 61.5 49.2 73.8
 264 64.7 49.8 74.6





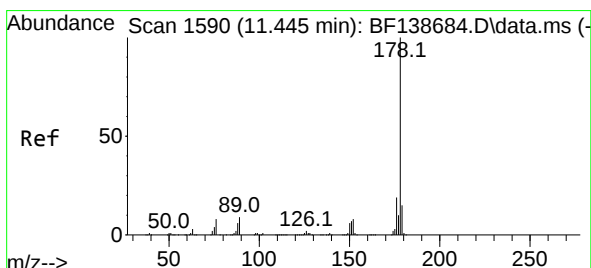
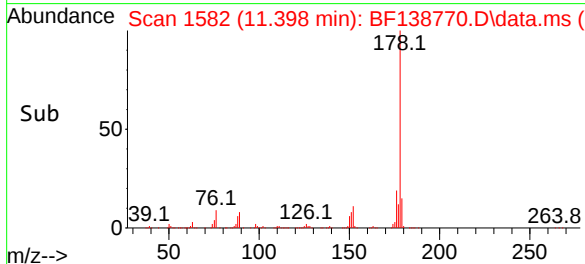
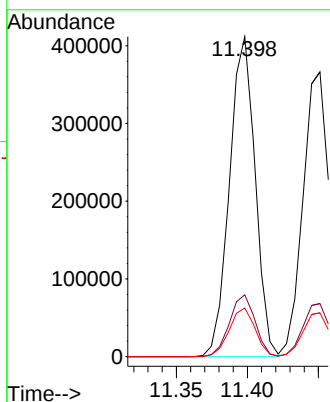
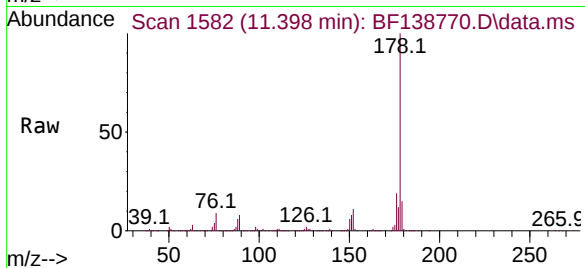
#71
Phenanthrene
Concen: 56.665 ng
RT: 11.398 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Instrument :
BNA_F
ClientSampleId :
TP4MSD

Tgt Ion:178 Resp: 51781
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.2 12.2 18.2

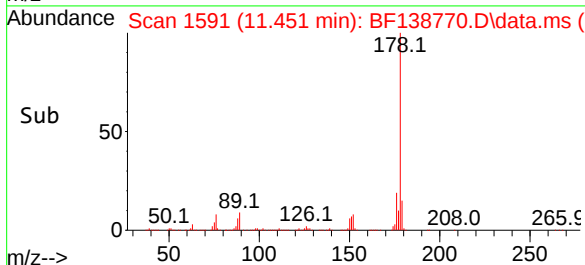
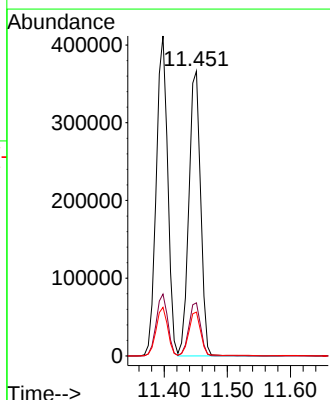
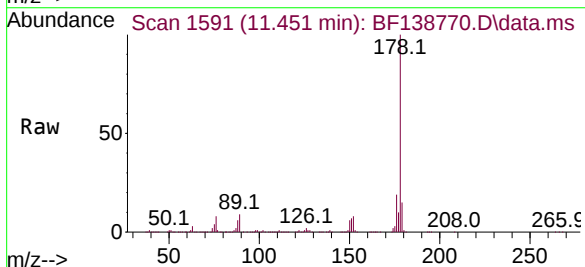
Manual Integrations
APPROVED

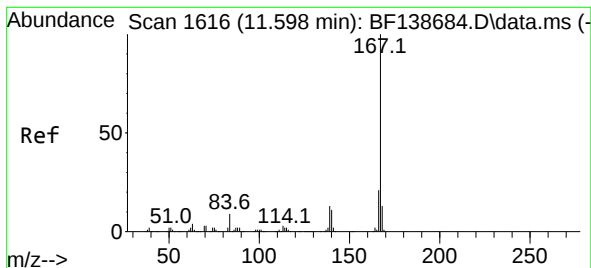
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#72
Anthracene
Concen: 52.460 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

Tgt Ion:178 Resp: 472270
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 47.506 ng

RT: 11.604 min Scan# 1617

Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

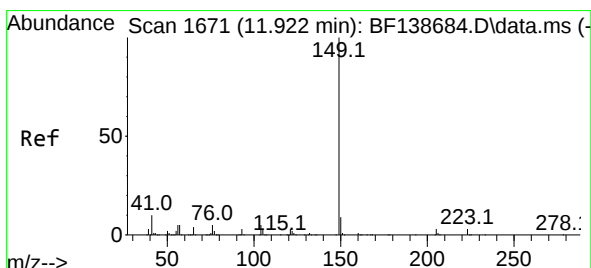
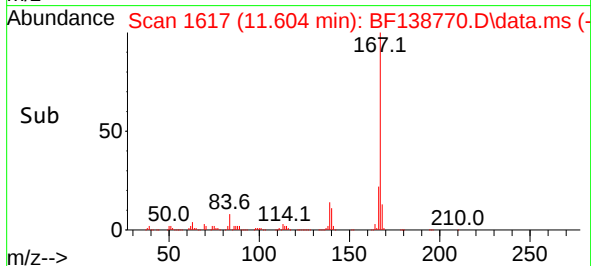
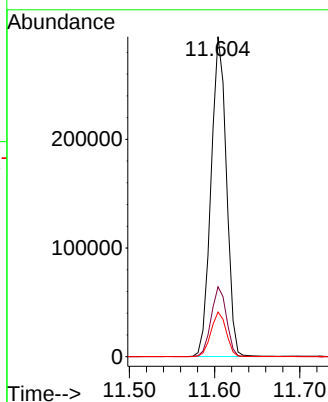
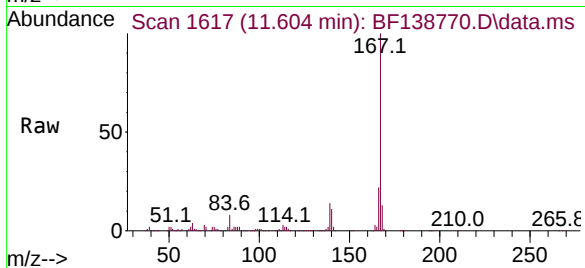
Tgt Ion:167	Resp: 368968
Ion Ratio	Lower Upper
167 100	
166 21.9	17.2 25.8
139 13.9	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#74

Di-n-butylphthalate

Concen: 59.267 ng

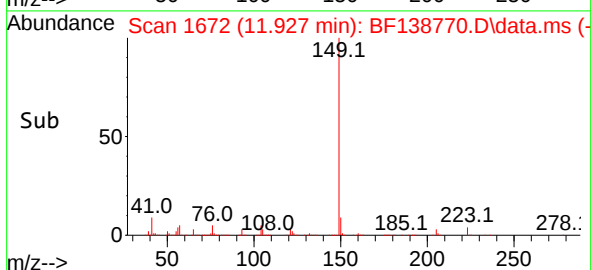
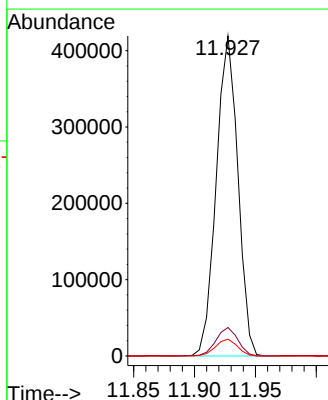
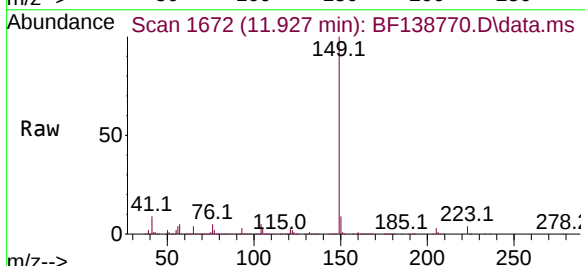
RT: 11.927 min Scan# 1672

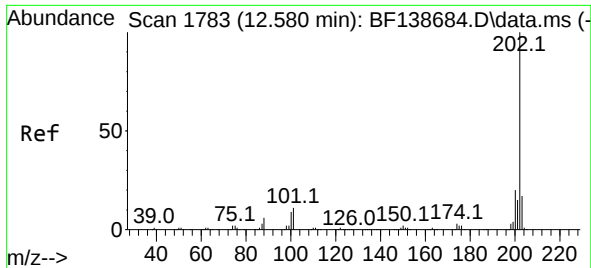
Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

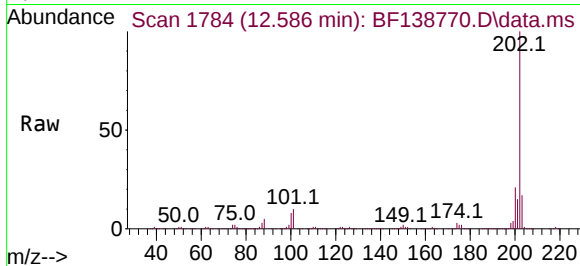
Tgt Ion:149	Resp: 517468
Ion Ratio	Lower Upper
149 100	
150 8.9	7.4 11.0
104 5.3	4.1 6.1





#75
Fluoranthene
Concen: 58.924 ng
RT: 12.586 min Scan# 1783
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

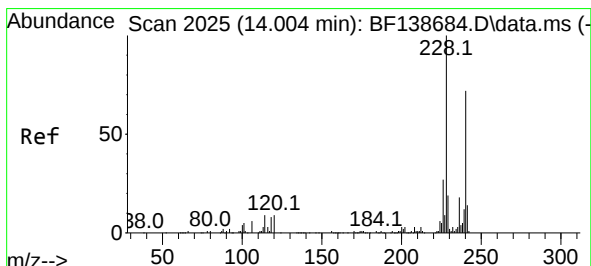
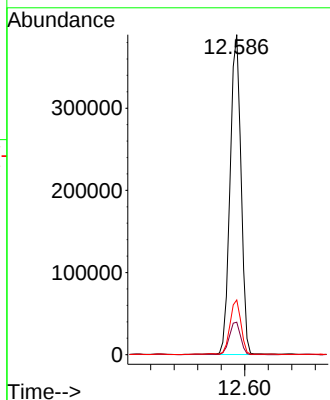
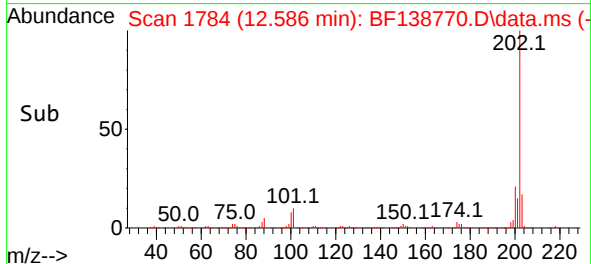
Instrument :
BNA_F
ClientSampleId :
TP4MSD



Tgt Ion:202 Resp: 50268
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.1 0.0 37.3

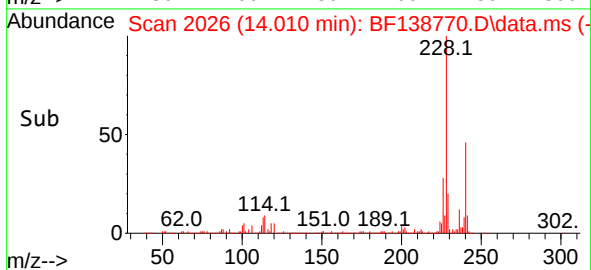
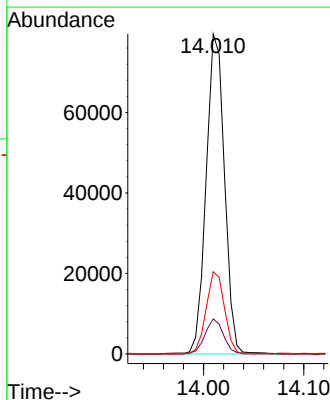
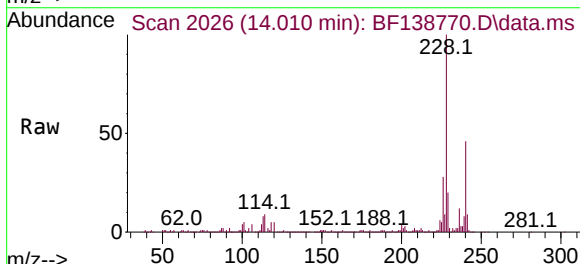
Manual Integrations
APPROVED

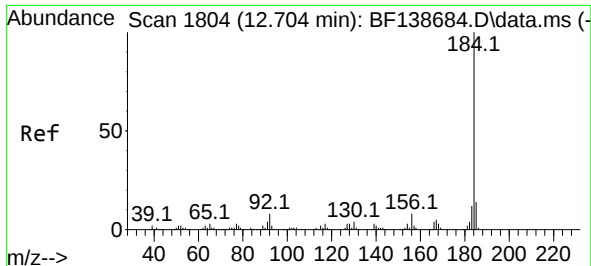
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

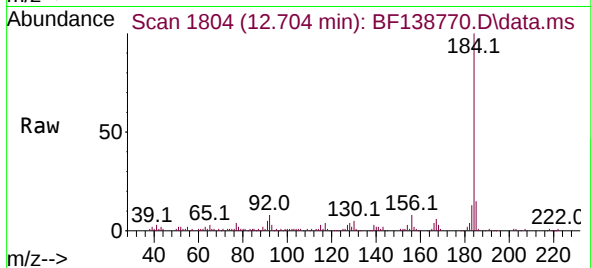
Tgt Ion:240 Resp: 101224
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 25.7 19.8 29.8





#77
Benzidine
Concen: 35.548 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

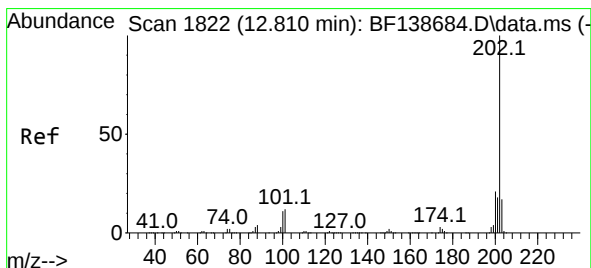
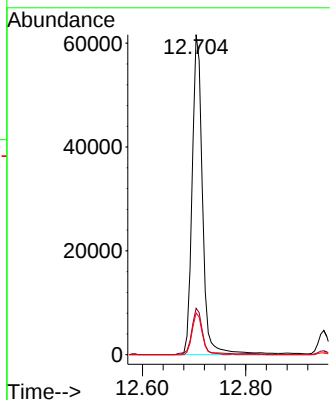
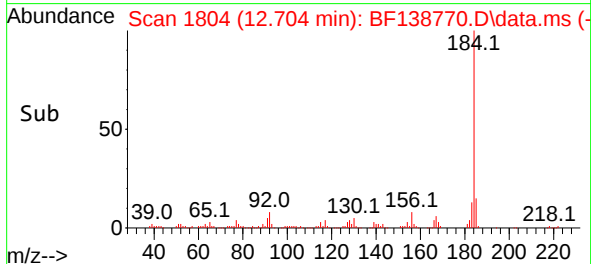
Instrument :
BNA_F
ClientSampleId :
TP4MSD



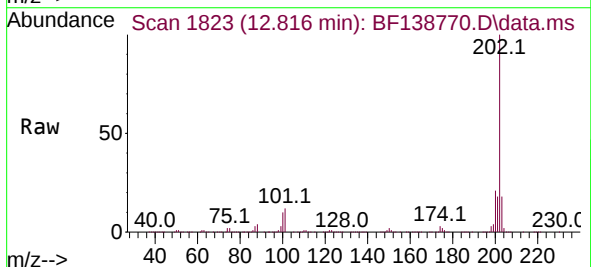
Tgt Ion:184 Resp: 8606
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 13.0 9.6 14.4

Manual Integrations
APPROVED

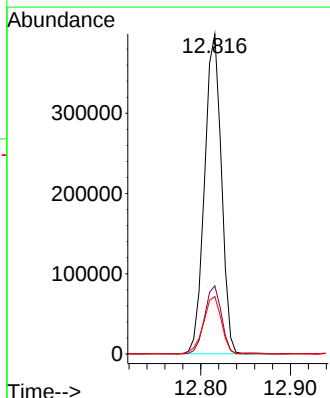
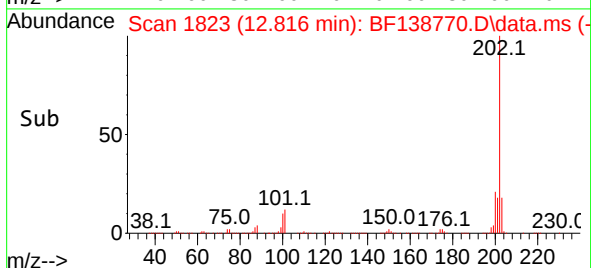
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

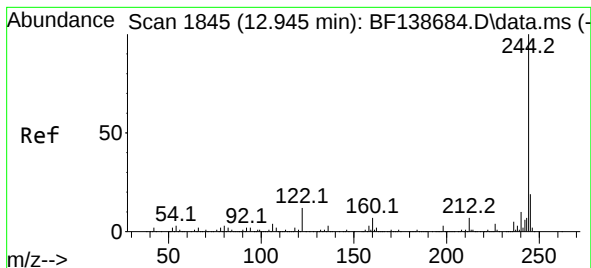


#78
Pyrene
Concen: 54.422 ng
RT: 12.816 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



Tgt Ion:202 Resp: 518670
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 69.495 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:244 Resp: 42015

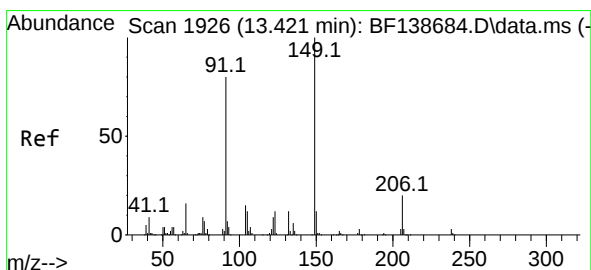
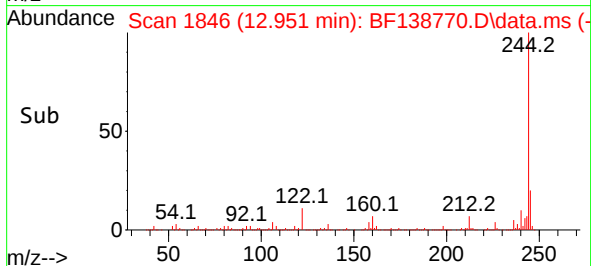
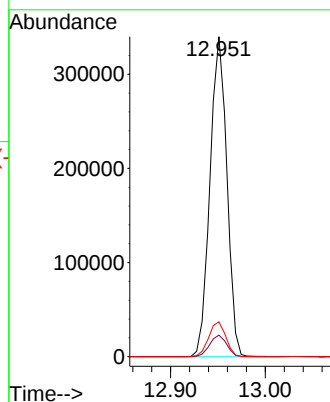
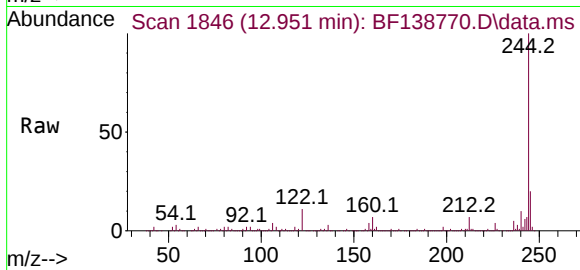
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.9	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#80

Butylbenzylphthalate

Concen: 67.354 ng

RT: 13.427 min Scan# 1927

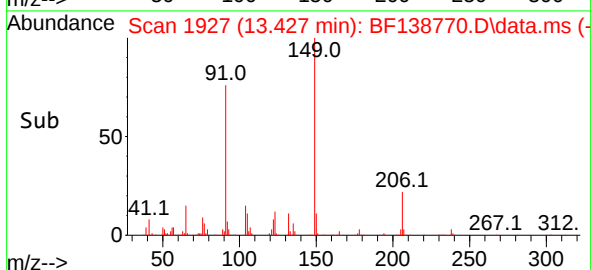
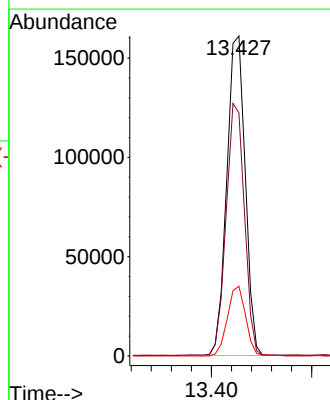
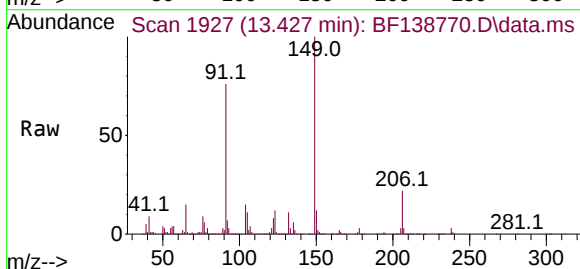
Delta R.T. 0.006 min

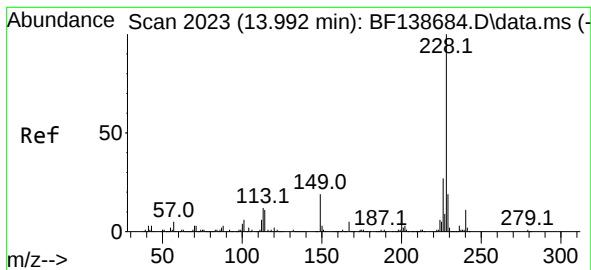
Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion:149 Resp: 205560

Ion	Ratio	Lower	Upper
149	100		
91	76.0	63.7	95.5
206	21.8	16.2	24.2





#81

Benzo(a)anthracene

Concen: 56.762 ng

RT: 13.998 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:228 Resp: 39565

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

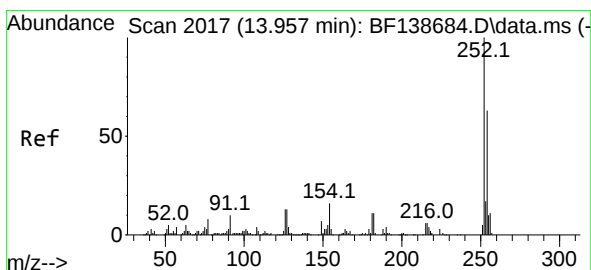
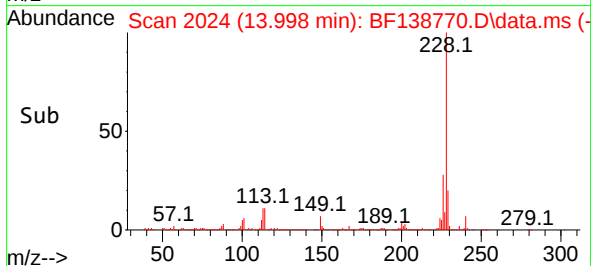
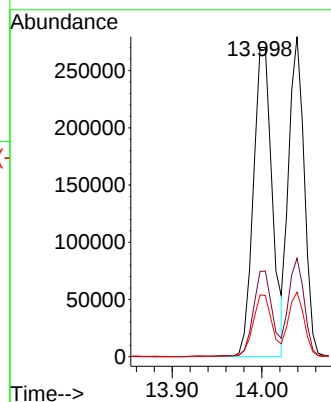
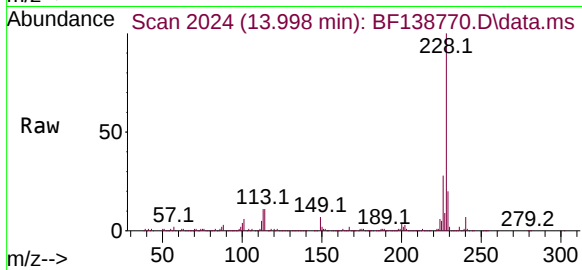
229 20.0 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#82

3,3'-Dichlorobenzidine

Concen: 32.008 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

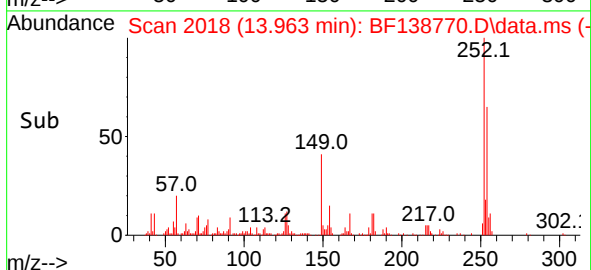
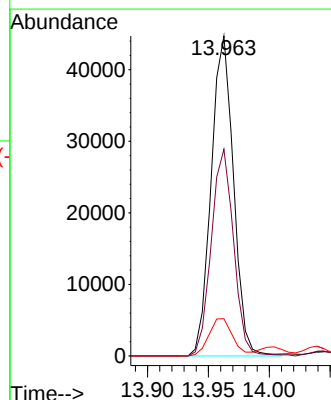
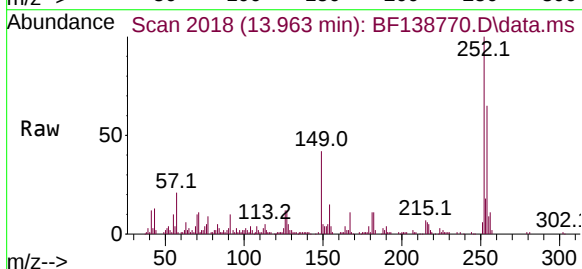
Tgt Ion:252 Resp: 57096

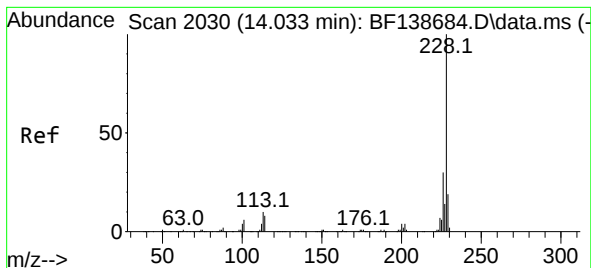
Ion Ratio Lower Upper

252 100

254 64.6 50.8 76.2

126 11.7 10.2 15.2





#83

Chrysene

Concen: 53.244 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:228 Resp: 33483

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

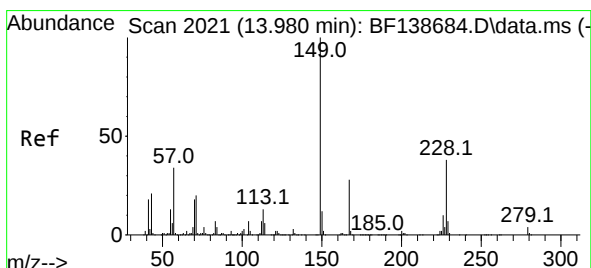
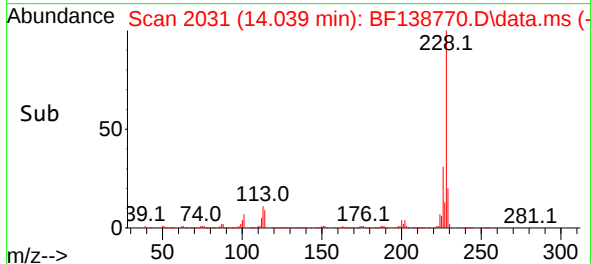
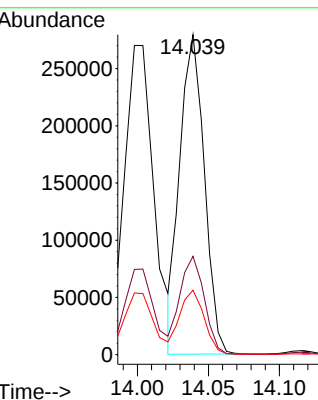
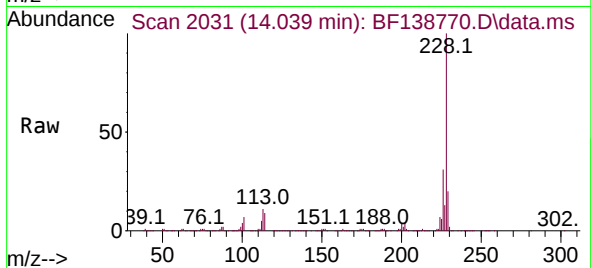
229 20.1 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.442 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

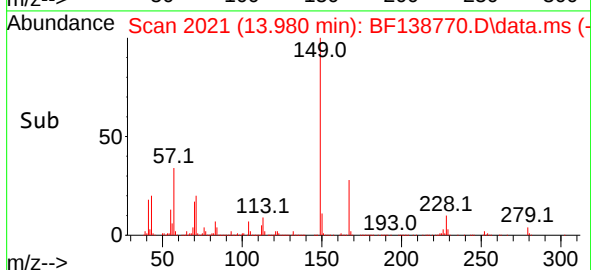
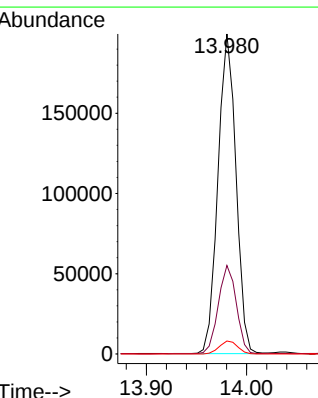
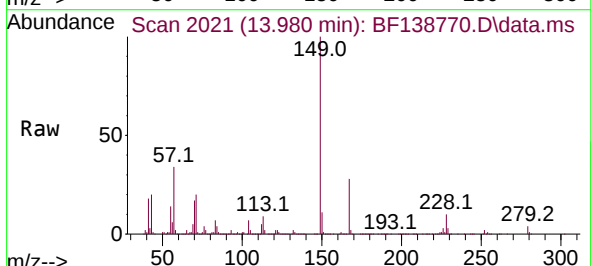
Tgt Ion:149 Resp: 247774

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

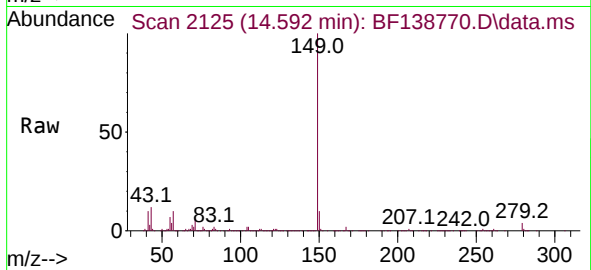
279 4.1 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 47.898 ng
RT: 14.592 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

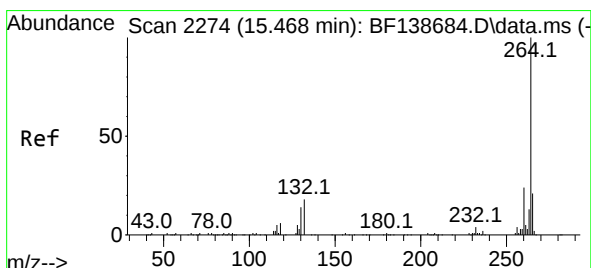
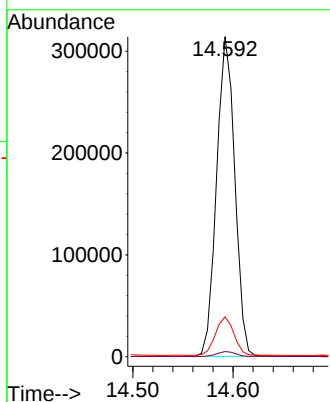
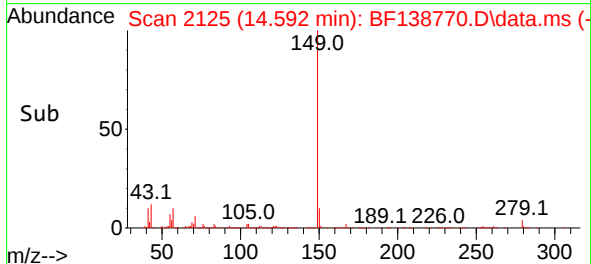
Instrument :
BNA_F
ClientSampleId :
TP4MSD



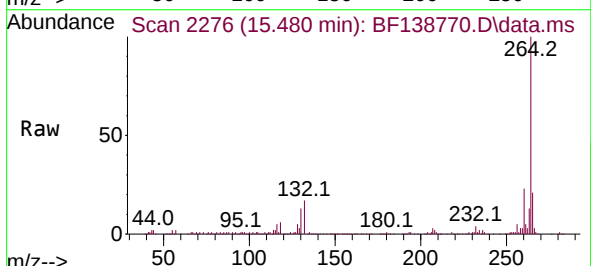
Tgt Ion:149 Resp: 396044
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.2 10.4 15.6

Manual Integrations
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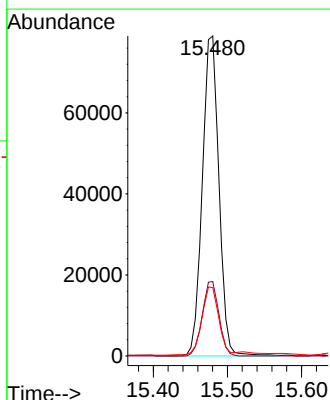
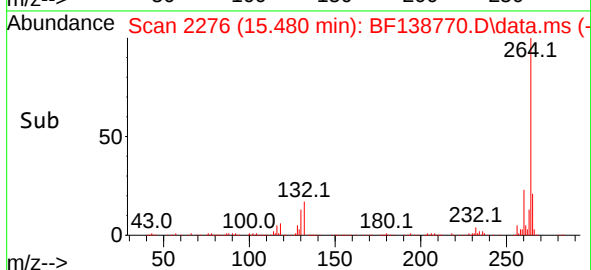
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.012 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



Tgt Ion:264 Resp: 122908
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.198 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

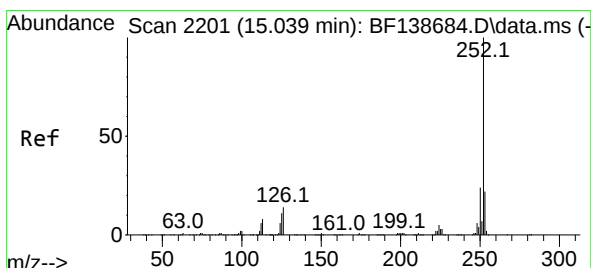
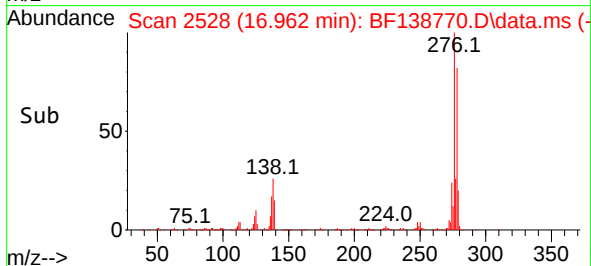
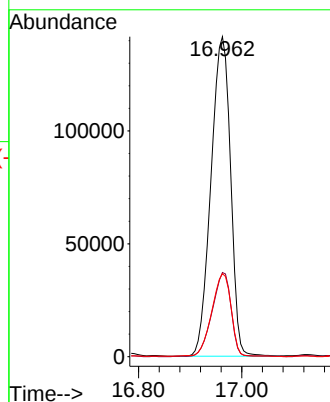
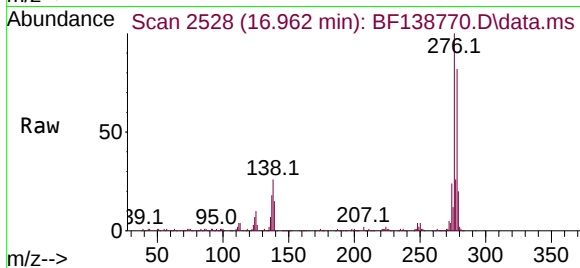
Tgt Ion:	276	Resp:	371679
Ion Ratio	Lower	Upper	
276	100		
138	25.8	21.8	32.8
277	25.5	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#88

Benzo(b)fluoranthene

Concen: 55.108 ng

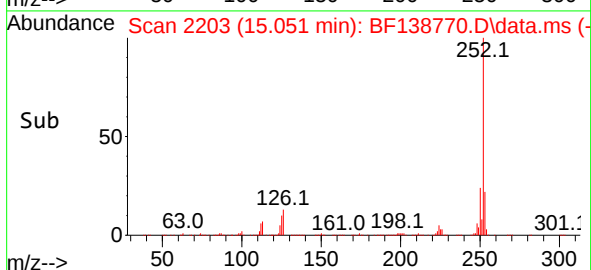
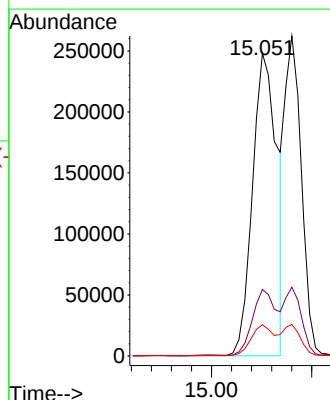
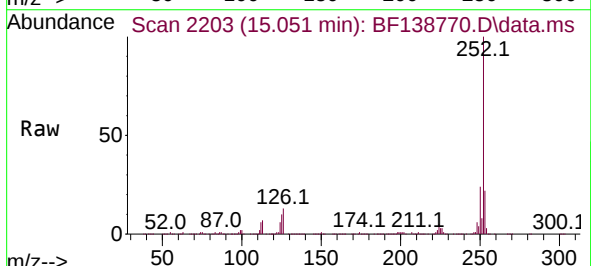
RT: 15.051 min Scan# 2203

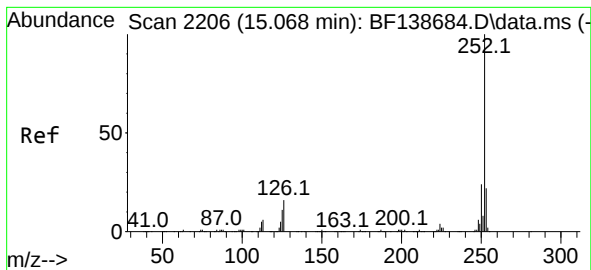
Delta R.T. 0.012 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Tgt Ion:	252	Resp:	419876
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	10.3	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 45.714 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP4MSD

Tgt Ion:252 Resp: 301560

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

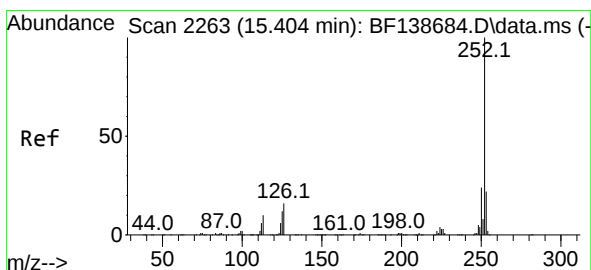
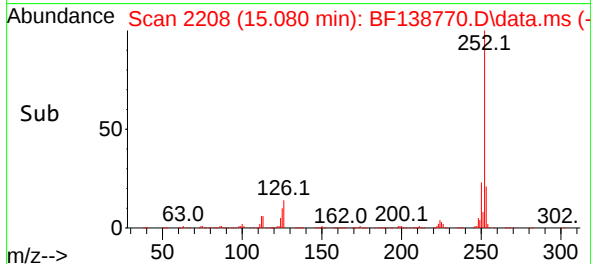
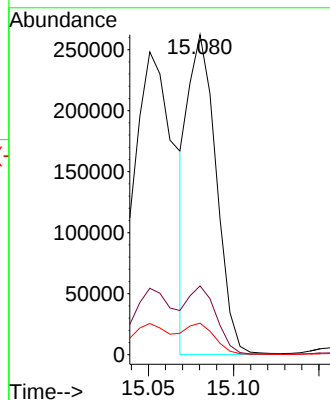
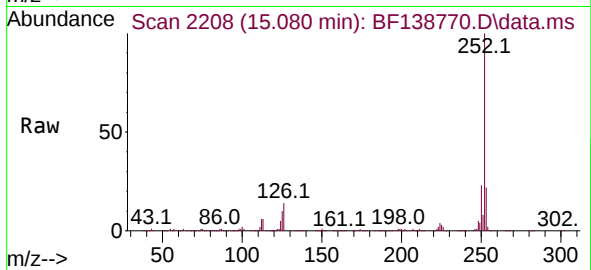
125 9.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2024

Supervised By :mohammad ahmed 08/05/2024



#90

Benzo(a)pyrene

Concen: 55.495 ng

RT: 15.421 min Scan# 2266

Delta R.T. 0.018 min

Lab File: BF138770.D

Acq: 03 Aug 2024 15:11

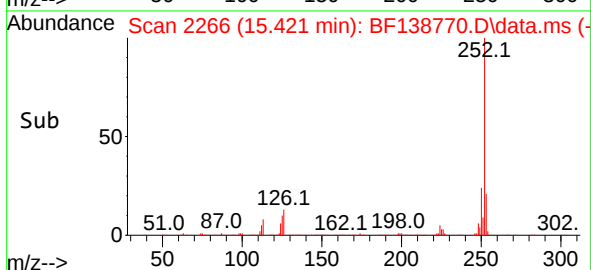
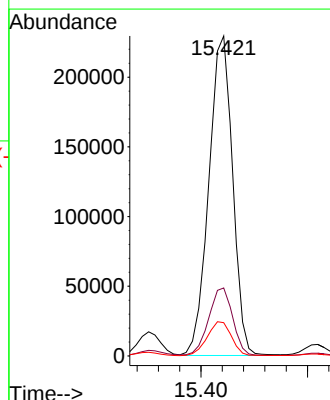
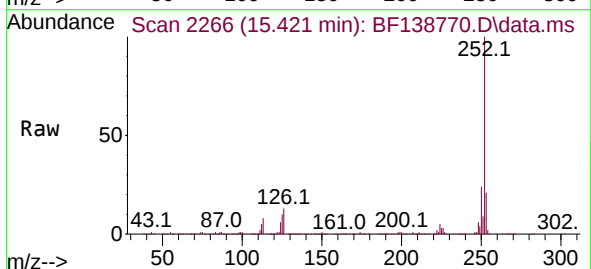
Tgt Ion:252 Resp: 355651

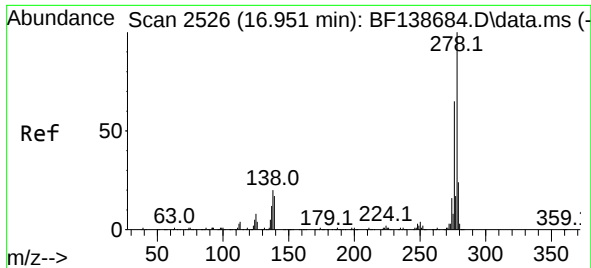
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

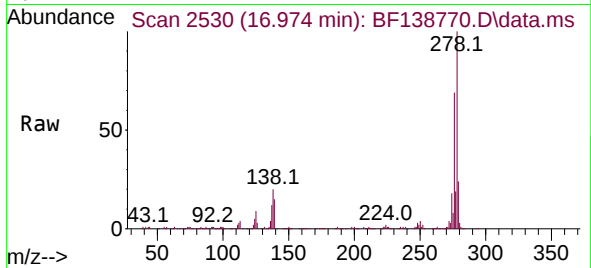
125 10.4 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 40.572 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11

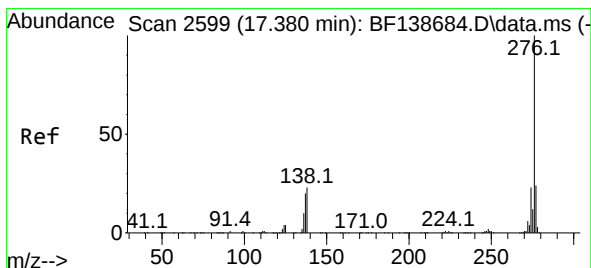
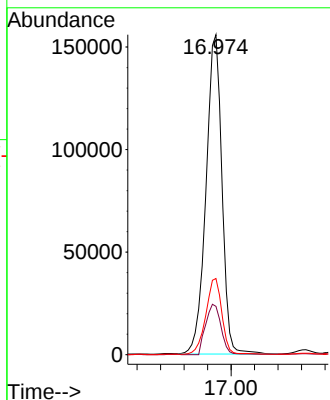
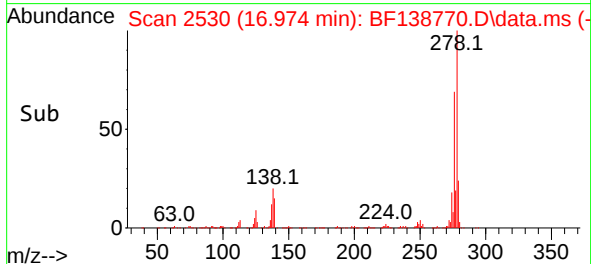
Instrument :
BNA_F
ClientSampleId :
TP4MSD



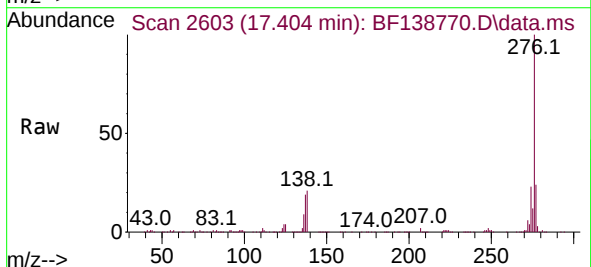
Tgt Ion:278 Resp: 293344
Ion Ratio Lower Upper
278 100
139 15.1 14.0 21.0
279 23.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024



#92
Benzo(g,h,i)perylene
Concen: 38.683 ng
RT: 17.404 min Scan# 2603
Delta R.T. 0.024 min
Lab File: BF138770.D
Acq: 03 Aug 2024 15:11



Tgt Ion:276 Resp: 290236
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 20.5 18.5 27.7

