

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138498.D
 Acq On : 10 Jul 2024 13:26
 Operator : CG\JU
 Sample : PB161976BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161976BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 10 14:01:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/11/2024
1) 1,4-Dichlorobenzene-d4	6.863	152	102881	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	8.145	136	425478	20.000	ng	0.00	
39) Acenaphthene-d10	9.904	164	233496	20.000	ng	0.00	
64) Phenanthrene-d10	11.386	188	433814	20.000	ng	0.00	
76) Chrysene-d12	14.027	240	225284	20.000	ng	0.00	
86) Perylene-d12	15.486	264	188097	20.000	ng	0.00	07/11/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	604412	93.044	ng	0.01	
7) Phenol-d6	6.504	99	811723	93.932	ng	0.00	
23) Nitrobenzene-d5	7.434	82	763359	88.087	ng	0.00	
42) 2,4,6-Tribromophenol	10.698	330	214367	98.232	ng	0.00	
45) 2-Fluorobiphenyl	9.228	172	1338549	89.596	ng	0.00	
79) Terphenyl-d14	12.974	244	1439937	104.128	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	111167	38.640	ng		99
3) Pyridine	3.475	79	286760	40.417	ng		99
4) n-Nitrosodimethylamine	3.451	42	214925	46.534	ng		95
6) Aniline	6.528	93	329965	40.766	ng		95
8) 2-Chlorophenol	6.657	128	342112	49.806	ng		99
9) Benzaldehyde	6.416	77	47558	10.282	ng		98
10) Phenol	6.522	94	446249	48.650	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	332169	48.098	ng		99
12) 1,3-Dichlorobenzene	6.804	146	343492	44.488	ng		97
13) 1,4-Dichlorobenzene	6.887	146	351092	44.780	ng		99
14) 1,2-Dichlorobenzene	7.034	146	338203	46.314	ng		99
15) Benzyl Alcohol	7.010	79	330053	50.892	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	661817	48.731	ng		99
17) 2-Methylphenol	7.128	107	278515	49.475	ng		98
18) Hexachloroethane	7.375	117	134537	46.676	ng		93
19) n-Nitroso-di-n-propyla...	7.281	70	257441	48.213	ng		98
20) 3+4-Methylphenols	7.281	107	337529	47.614	ng		92
22) Acetophenone	7.275	105	460766	44.589	ng	#	95
24) Nitrobenzene	7.451	77	393471	44.680	ng		97
25) Isophorone	7.692	82	718590	48.286	ng		97
26) 2-Nitrophenol	7.763	139	185957	49.267	ng		91
27) 2,4-Dimethylphenol	7.804	122	309780	66.777	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	418132	47.012	ng		99
29) 2,4-Dichlorophenol	8.010	162	289094	47.989	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	310472	44.240	ng		99
31) Naphthalene	8.169	128	1001508	45.259	ng		100
32) Benzoic acid	7.945	122	209650	47.383	ng		99
33) 4-Chloroaniline	8.216	127	220738	28.430	ng		99
34) Hexachlorobutadiene	8.281	225	183650	42.497	ng		98
35) Caprolactam	8.598	113	97623m	50.219	ng		
36) 4-Chloro-3-methylphenol	8.710	107	321217	47.628	ng		99
37) 2-Methylnaphthalene	8.863	142	648476	45.538	ng		99
38) 1-Methylnaphthalene	8.963	142	605387	43.560	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	296665	45.587	ng		98
41) Hexachlorocyclopentadiene	9.010	237	363418	172.051	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	204405	49.241	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138498.D
 Acq On : 10 Jul 2024 13:26
 Operator : CG\JU
 Sample : PB161976BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161976BS

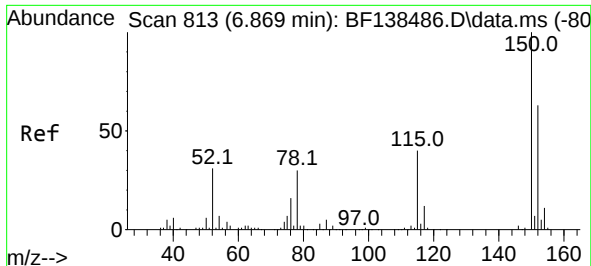
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 10 14:01:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

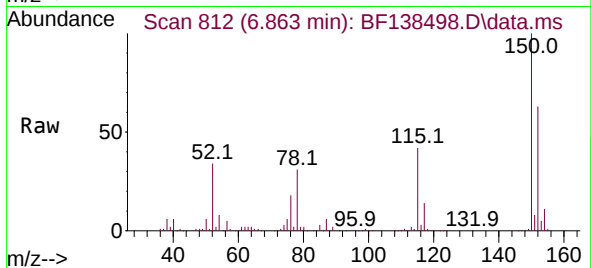
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	214146	46.903	ng	97
46) 1,1'-Biphenyl	9.328	154	819414	46.307	ng	99
47) 2-Chloronaphthalene	9.351	162	610848	45.694	ng	99
48) 2-Nitroaniline	9.451	65	232573	50.205	ng	96
49) Acenaphthylene	9.769	152	934732	49.249	ng	100
50) Dimethylphthalate	9.628	163	758506	50.238	ng	100
51) 2,6-Dinitrotoluene	9.692	165	169776	48.838	ng	92
52) Acenaphthene	9.939	154	602752	47.776	ng	99
53) 3-Nitroaniline	9.863	138	124625	34.977	ng	98
54) 2,4-Dinitrophenol	9.969	184	198070	104.636	ng	96
55) Dibenzofuran	10.110	168	875292	47.832	ng	99
56) 4-Nitrophenol	10.033	139	290780	110.605	ng	99
57) 2,4-Dinitrotoluene	10.098	165	223255	49.635	ng	97
58) Fluorene	10.451	166	684406	47.268	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	190331	52.821	ng	99
60) Diethylphthalate	10.328	149	719493	49.432	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	342234	47.070	ng	97
62) 4-Nitroaniline	10.480	138	174732	48.939	ng	99
63) Azobenzene	10.604	77	759343	48.524	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	134385	53.649	ng	82
66) n-Nitrosodiphenylamine	10.563	169	605401	46.579	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	206152	46.235	ng	98
68) Hexachlorobenzene	10.998	284	224880	45.399	ng	99
69) Atrazine	11.092	200	213310	49.501	ng	96
70) Pentachlorophenol	11.198	266	261747	89.301	ng	97
71) Phenanthrene	11.416	178	1033902	47.174	ng	99
72) Anthracene	11.469	178	1037095	47.670	ng	99
73) Carbazole	11.622	167	921022	47.108	ng	99
74) Di-n-butylphthalate	11.945	149	1099519	48.789	ng	100
75) Fluoranthene	12.598	202	1049619	46.934	ng	97
77) Benzidine	12.721	184	163136	28.702	ng	99
78) Pyrene	12.827	202	1063431	46.500	ng	98
80) Butylbenzylphthalate	13.445	149	378548	55.025	ng	96
81) Benzo(a)anthracene	14.015	228	722059	47.766	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	163724	42.033	ng	99
83) Chrysene	14.051	228	663387	46.390	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	413883	56.409	ng	99
85) Di-n-octyl phthalate	14.610	149	537673	46.388	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	668604	52.919	ng	99
88) Benzo(b)fluoranthene	15.063	252	541573	51.125	ng	98
89) Benzo(k)fluoranthene	15.092	252	506447	49.021	ng	97
90) Benzo(a)pyrene	15.427	252	463665	49.827	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	550857	53.299	ng	99
92) Benzo(g,h,i)perylene	17.409	276	559905	51.089	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

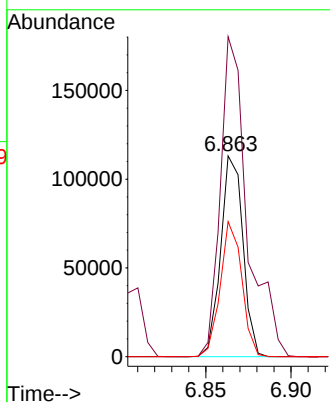
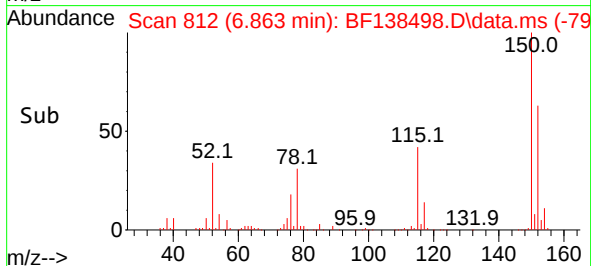
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion:152 Resp: 10288
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.4
115 67.2 50.3 75.5

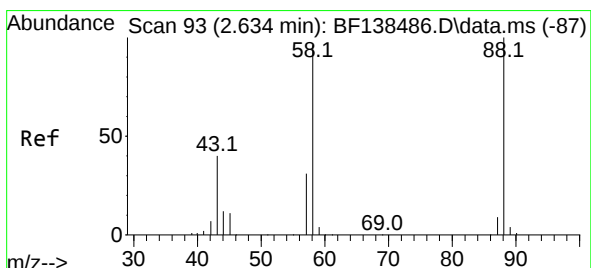
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



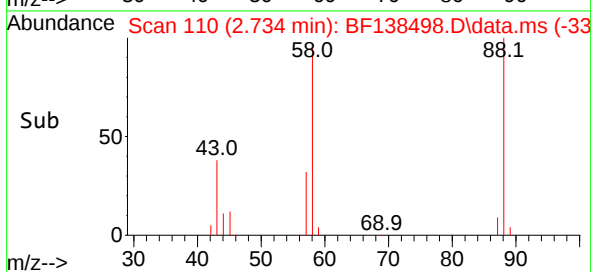
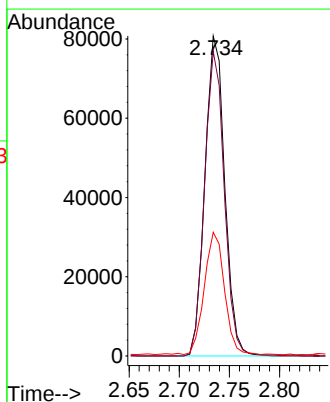
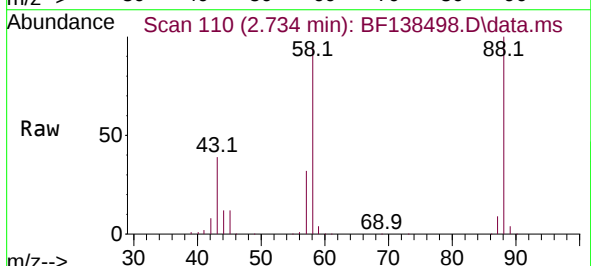
07/11/2024
Supervised By :mohammad
ahmed

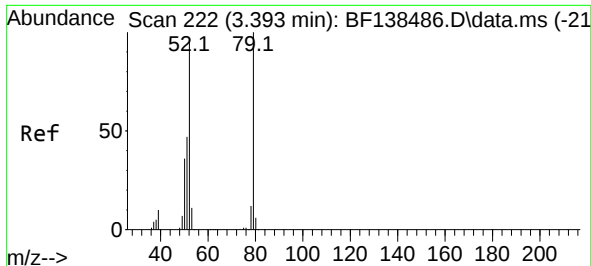
07/11/2024



#2
1,4-Dioxane
Concen: 38.640 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.100 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 88 Resp: 111167
Ion Ratio Lower Upper
88 100
58 94.8 74.6 112.0
43 39.3 31.8 47.6





#3

Pyridine

Concen: 40.417 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF138498.D

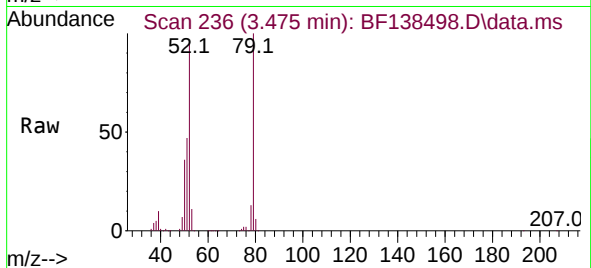
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS



Tgt Ion: 79 Resp: 286760

Ion Ratio Lower Upper

79 100

52 96.2 77.4 116.2

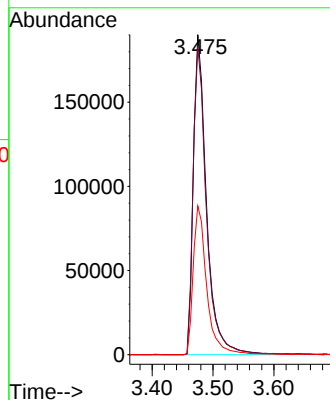
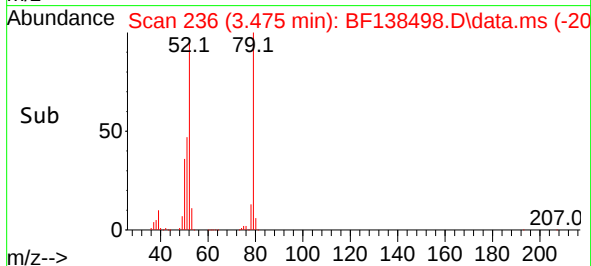
51 46.5 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Yogesh

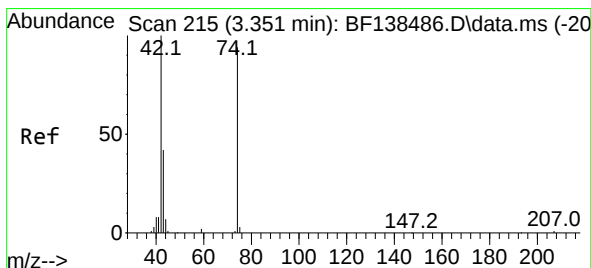
Patel



07/11/2024

Supervised By :mohammad
ahmed

07/11/2024



#4

n-Nitrosodimethylamine

Concen: 46.534 ng

RT: 3.451 min Scan# 232

Delta R.T. 0.100 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

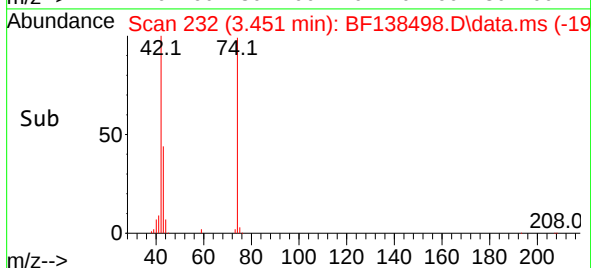
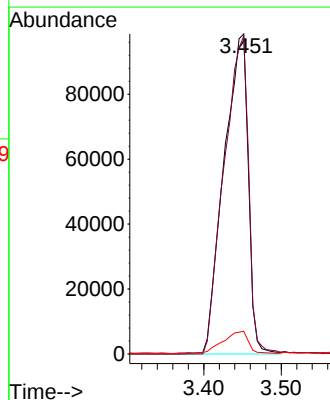
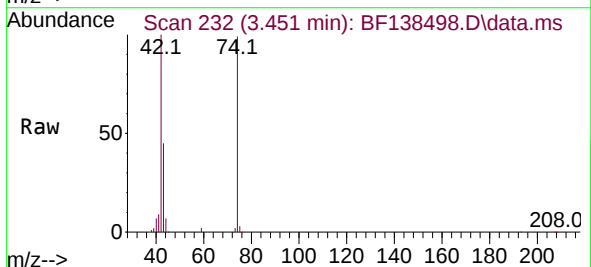
Tgt Ion: 42 Resp: 214925

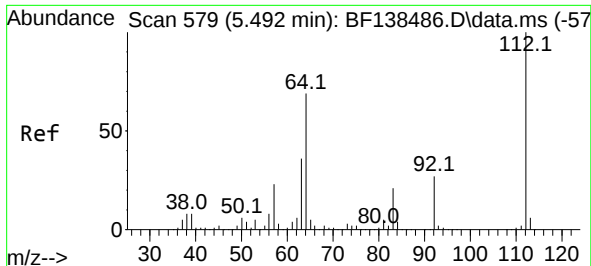
Ion Ratio Lower Upper

42 100

74 99.3 75.0 112.6

44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 93.044 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

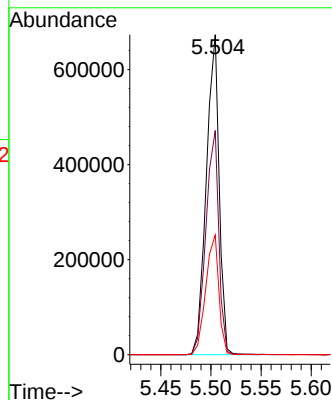
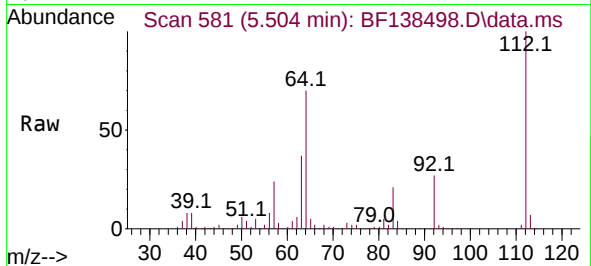
ClientSampleId :

PB161976BS

Tgt Ion:112 Resp: 60441
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 37.4 29.0 43.6

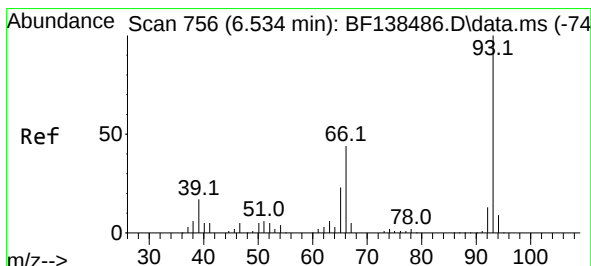
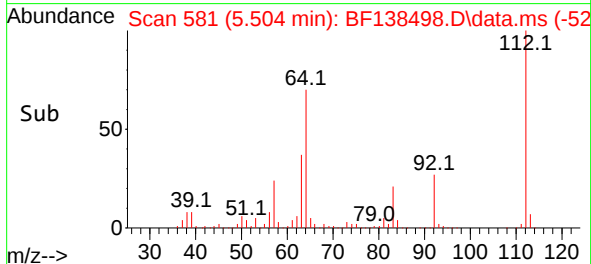
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



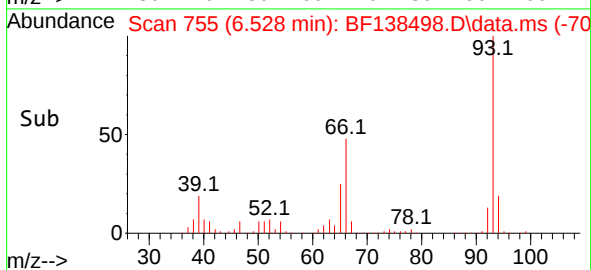
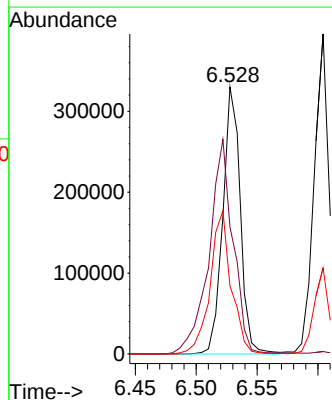
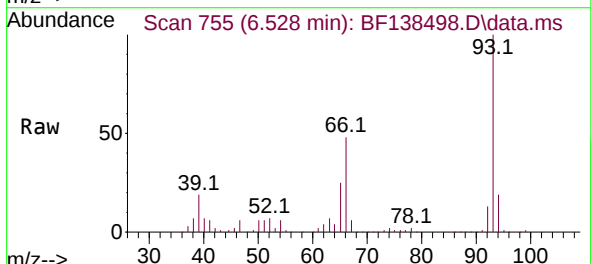
07/11/2024
Supervised By :mohammad
ahmed

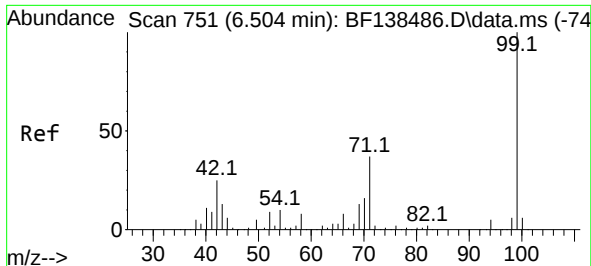
07/11/2024



#6
Aniline
Concen: 40.766 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

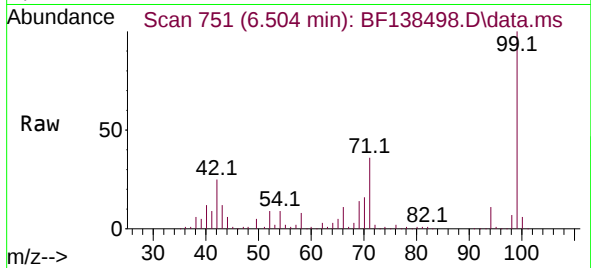
Tgt Ion: 93 Resp: 329965
Ion Ratio Lower Upper
93 100
66 47.6 35.4 53.0
65 25.4 18.6 27.8





#7
Phenol-d6
Concen: 93.932 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

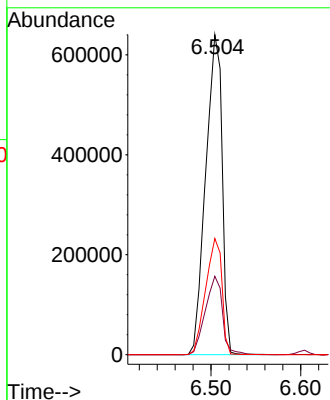
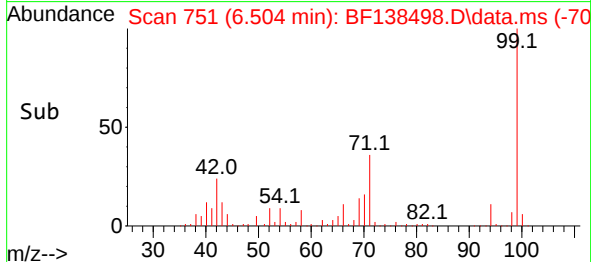
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion: 99 Resp: 81172
Ion Ratio Lower Upper
99 100
42 24.5 19.7 29.5
71 36.3 29.9 44.9

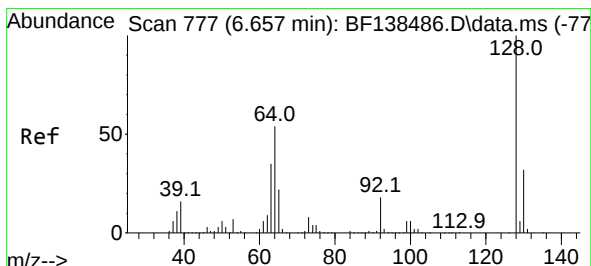
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

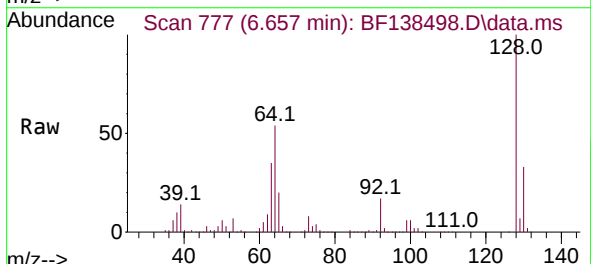


07/11/2024
Supervised By :mohammad
ahmed

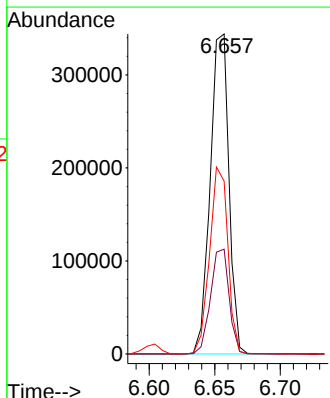
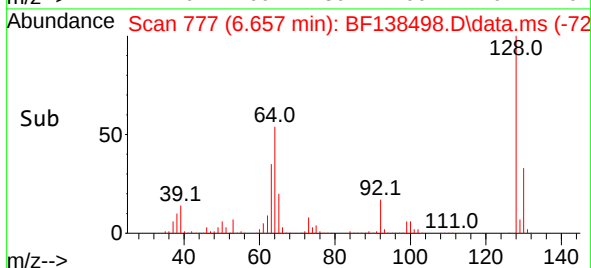
07/11/2024

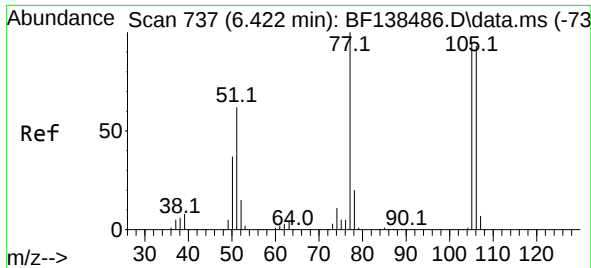


#8
2-Chlorophenol
Concen: 49.806 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:128 Resp: 342112
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 54.0 34.4 74.4





#9
Benzaldehyde
Concen: 10.282 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

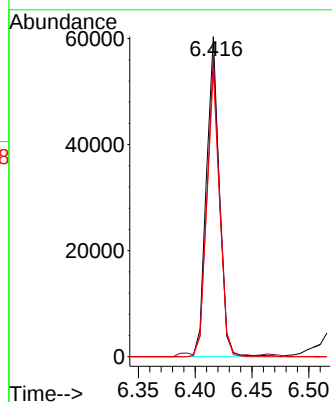
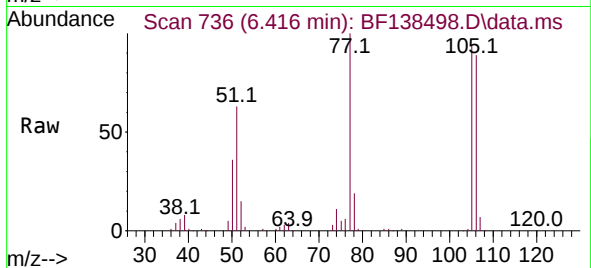
ClientSampleId :

PB161976BS

Tgt Ion: 77 Resp: 47558
Ion Ratio Lower Upper
77 100
105 94.2 75.1 115.1
106 89.5 73.2 113.2

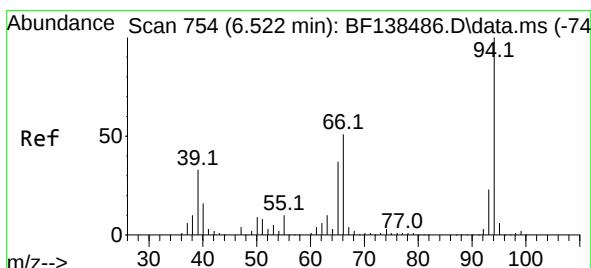
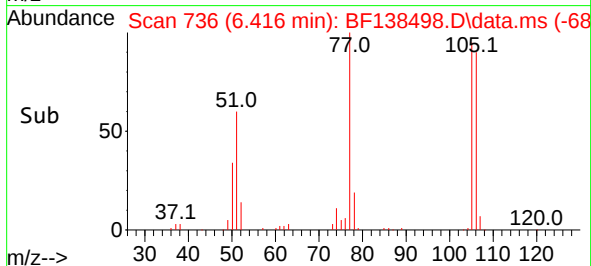
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



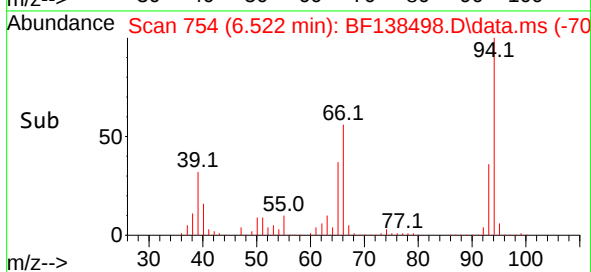
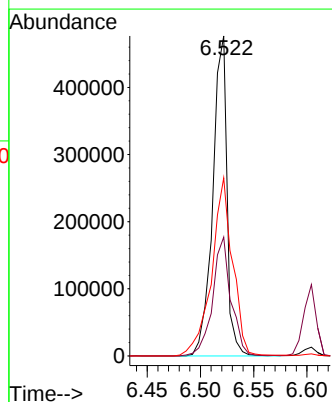
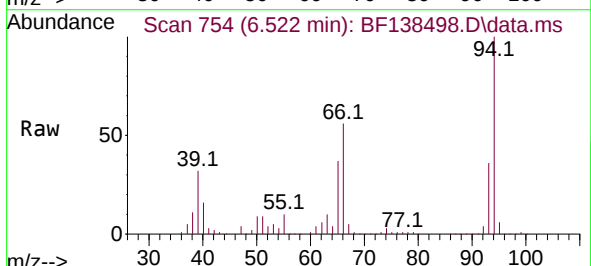
07/11/2024
Supervised By :mohammad
ahmed

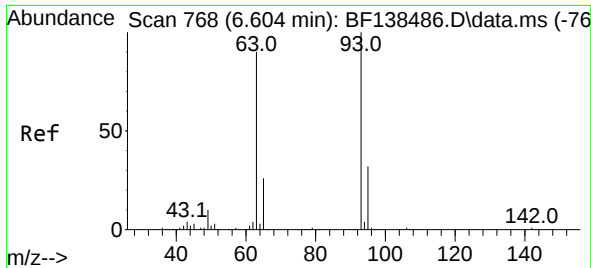
07/11/2024



#10
Phenol
Concen: 48.650 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 94 Resp: 446249
Ion Ratio Lower Upper
94 100
65 37.2 16.7 56.7
66 55.6 31.2 71.2





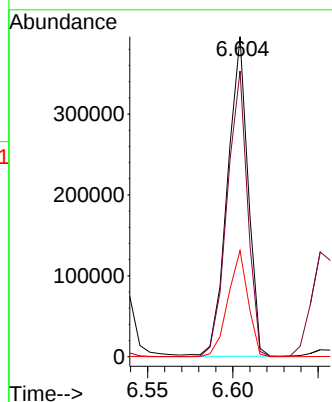
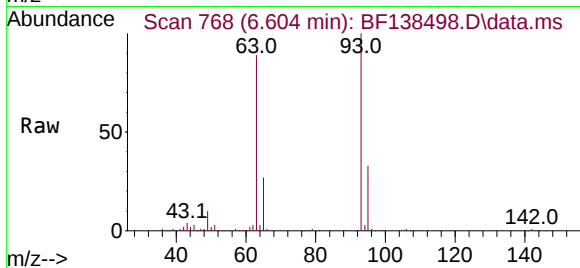
#11
bis(2-Chloroethyl)ether
Concen: 48.098 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :
BNA_F
ClientSampleId :
PB161976BS

Tgt Ion: 93 Resp: 332169
Ion Ratio Lower Upper
93 100
63 89.3 68.8 108.8
95 33.2 11.8 51.8

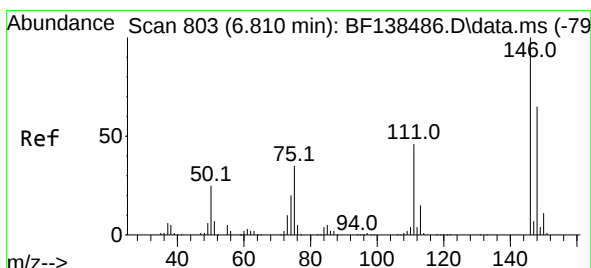
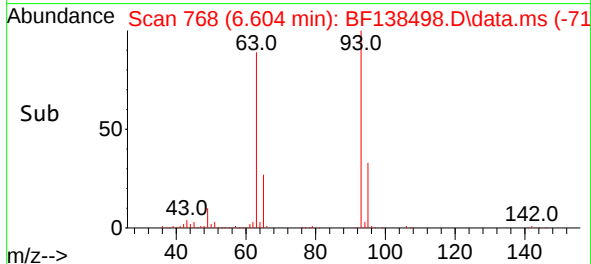
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



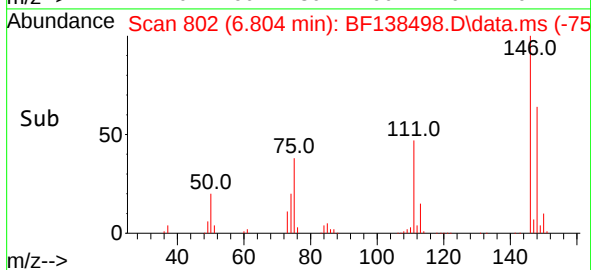
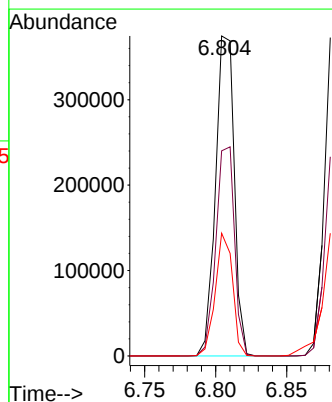
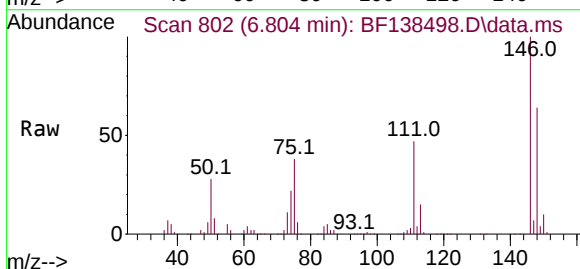
07/11/2024
Supervised By :mohammad
ahmed

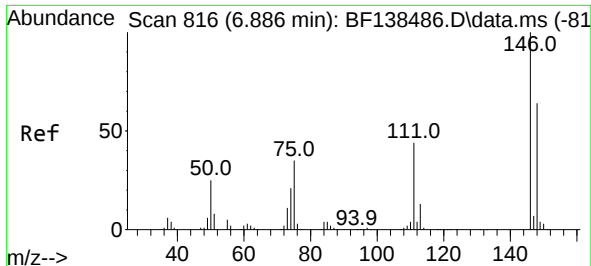
07/11/2024



#12
1,3-Dichlorobenzene
Concen: 44.488 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:146 Resp: 343492
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
75 38.3 27.8 41.8





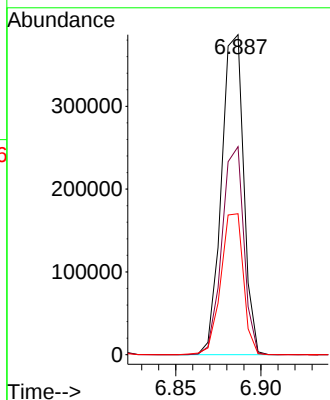
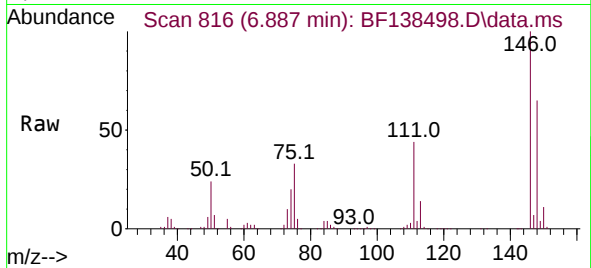
#13
1,4-Dichlorobenzene
Concen: 44.780 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :
BNA_F
ClientSampleId :
PB161976BS

Tgt Ion:146 Resp: 351092
Ion Ratio Lower Upper
146 100
148 65.0 51.6 77.4
111 44.1 34.9 52.3

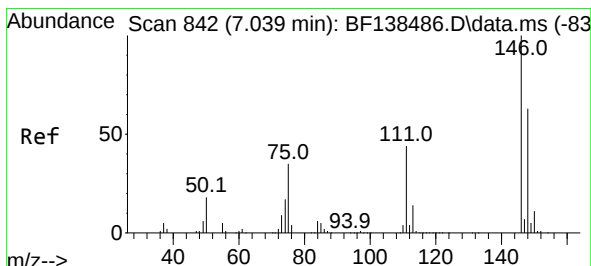
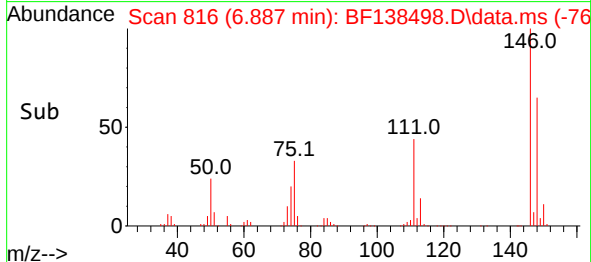
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



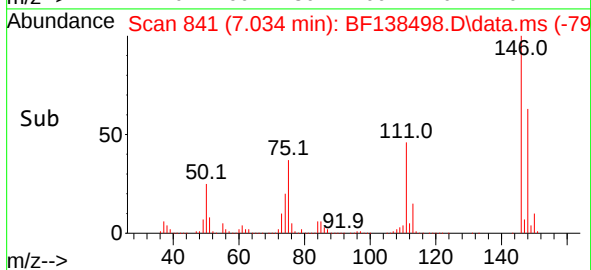
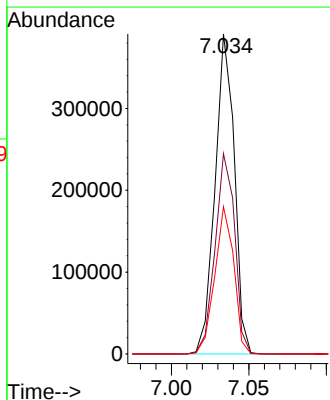
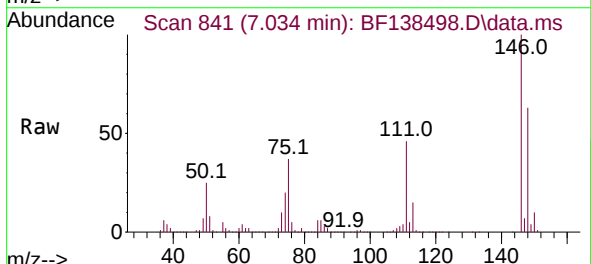
07/11/2024
Supervised By :mohammad
ahmed

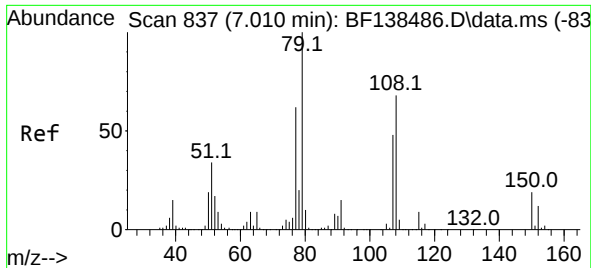
07/11/2024



#14
1,2-Dichlorobenzene
Concen: 46.314 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

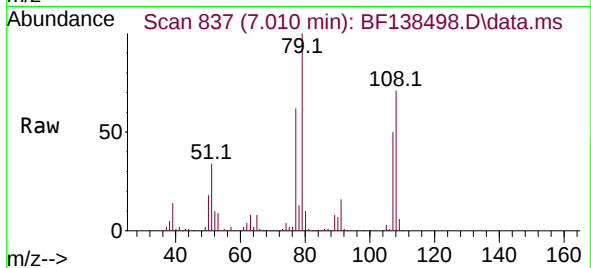
Tgt Ion:146 Resp: 338203
Ion Ratio Lower Upper
146 100
148 62.6 50.1 75.1
111 46.0 35.5 53.3





#15
Benzyl Alcohol
Concen: 50.892 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

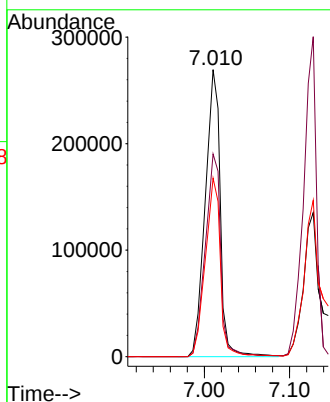
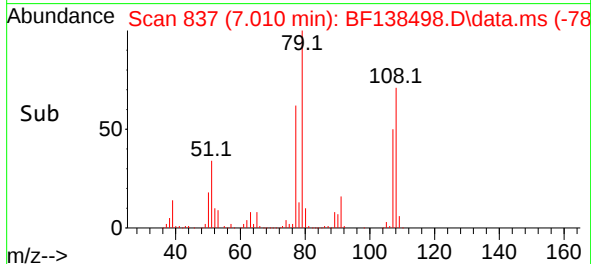
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion: 79 Resp: 33005
Ion Ratio Lower Upper
79 100
108 70.6 54.3 81.5
77 62.2 50.0 75.0

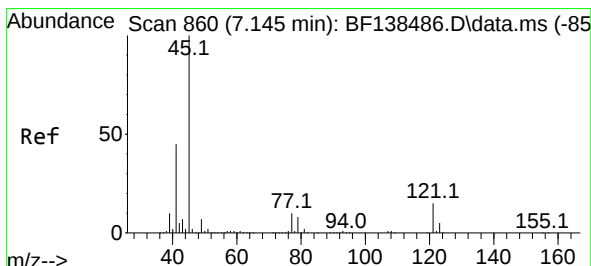
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



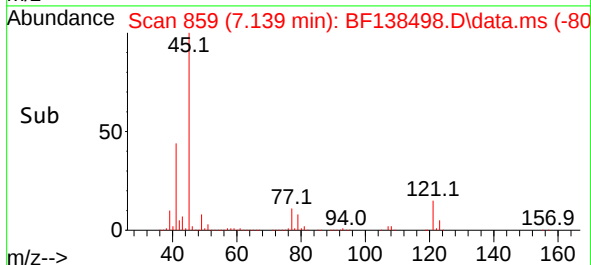
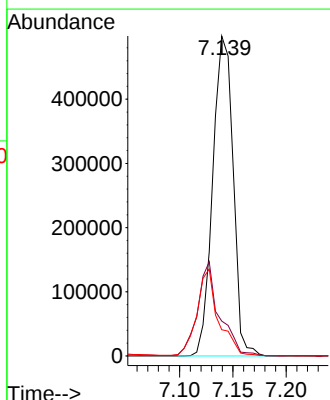
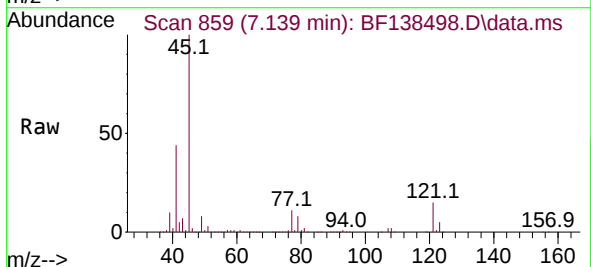
07/11/2024
Supervised By :mohammad
ahmed

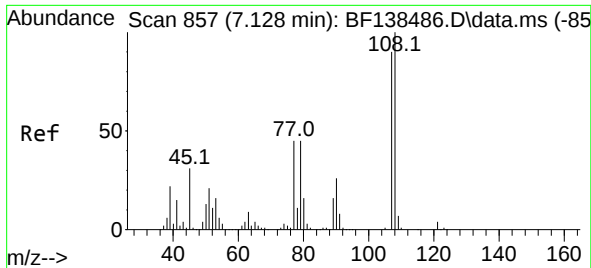
07/11/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.731 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 45 Resp: 661817
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.4
79 8.2 0.0 28.1





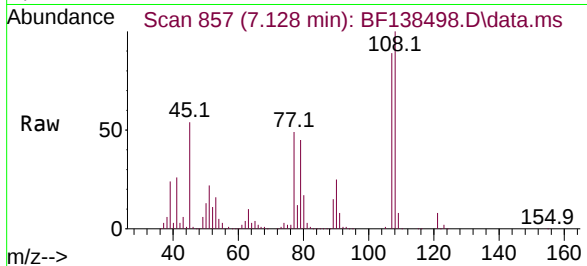
#17
2-Methylphenol
Concen: 49.475 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

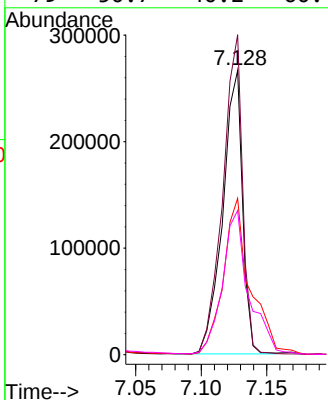
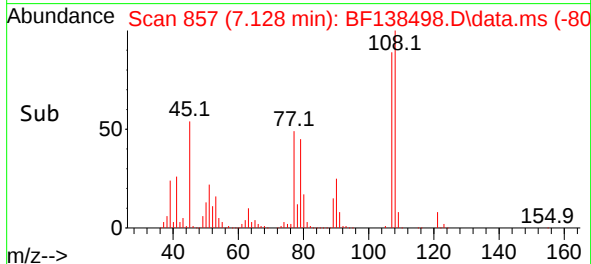
PB161976BS



Tgt Ion:107 Resp: 278515
Ion Ratio Lower Upper
107 100
108 112.5 89.0 133.4
77 55.0 40.3 60.5
79 50.7 40.2 60.4

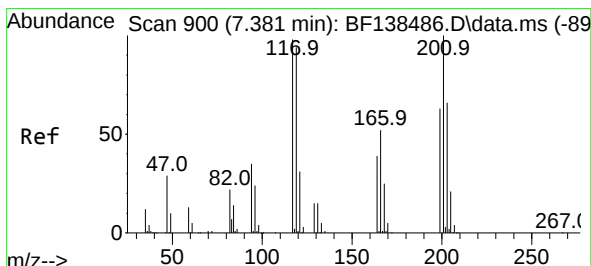
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

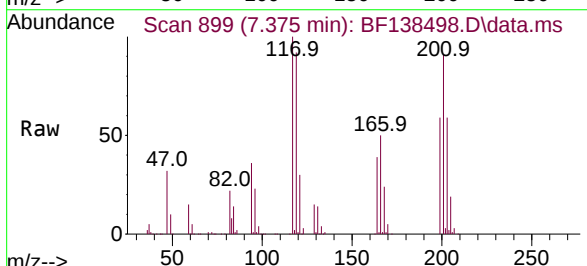


07/11/2024
Supervised By :mohammad
ahmed

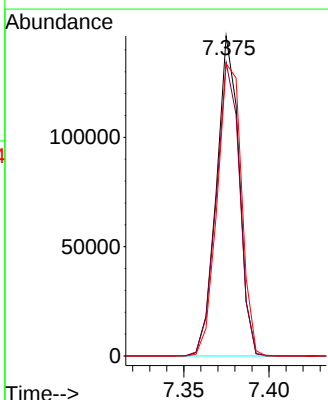
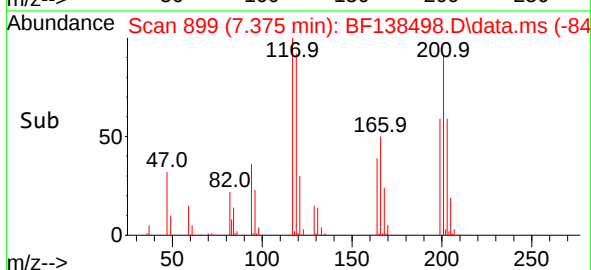
07/11/2024

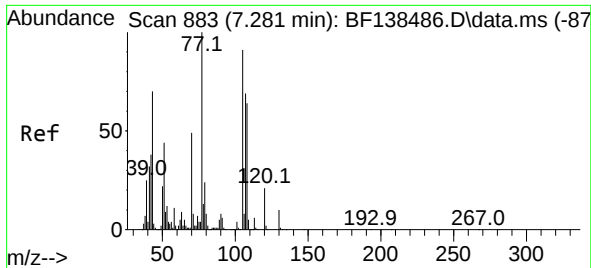


#18
Hexachloroethane
Concen: 46.676 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:117 Resp: 134537
Ion Ratio Lower Upper
117 100
119 91.7 76.6 114.8
201 91.3 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.213 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

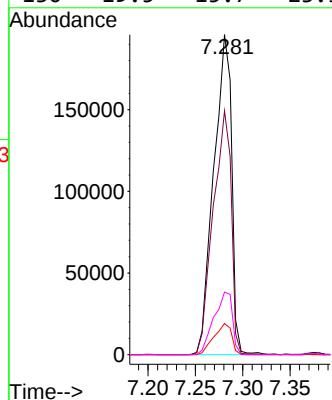
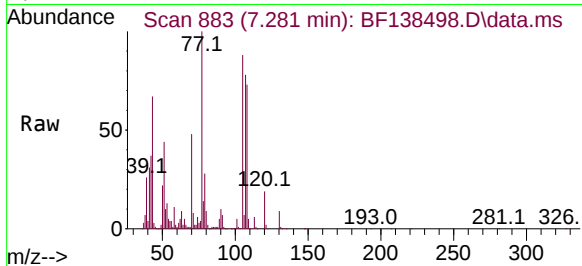
ClientSampleId :

PB161976BS

Tgt Ion: 70 Resp: 25744
Ion Ratio Lower Upper
70 100
42 76.2 62.4 93.6
101 9.8 7.2 10.8
130 19.5 15.7 23.5

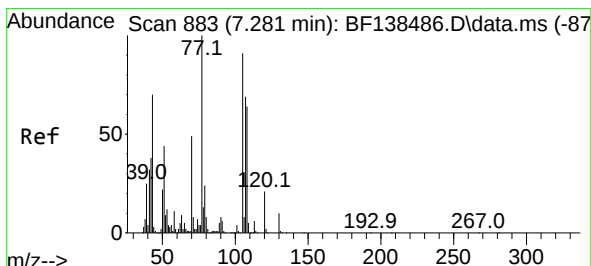
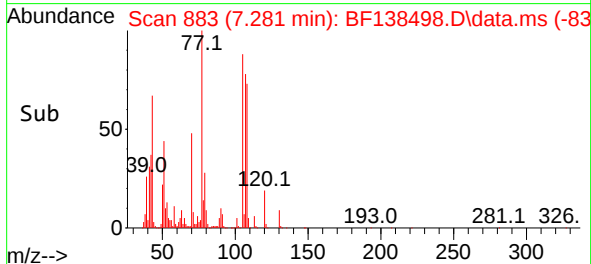
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



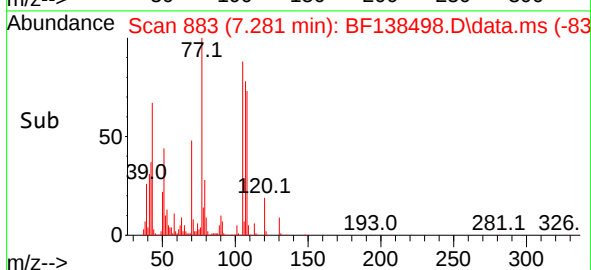
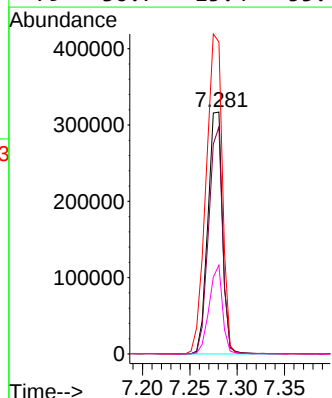
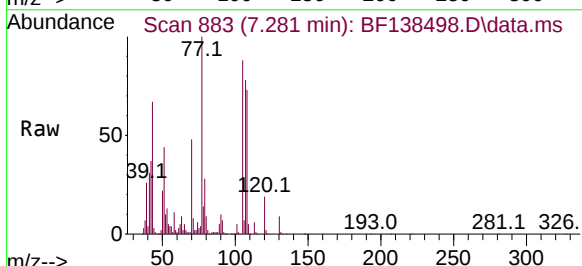
07/11/2024
Supervised By :mohammad
ahmed

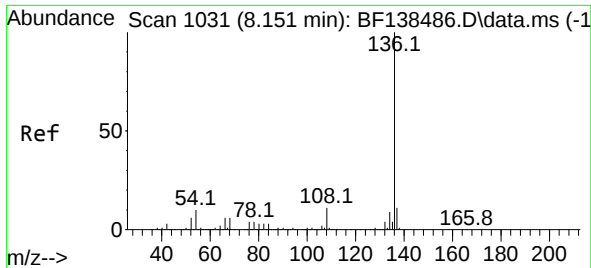
07/11/2024



#20
3+4-Methylphenols
Concen: 47.614 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:107 Resp: 337529
Ion Ratio Lower Upper
107 100
108 93.9 73.7 113.7
77 129.0 126.0 166.0
79 36.7 15.4 55.4





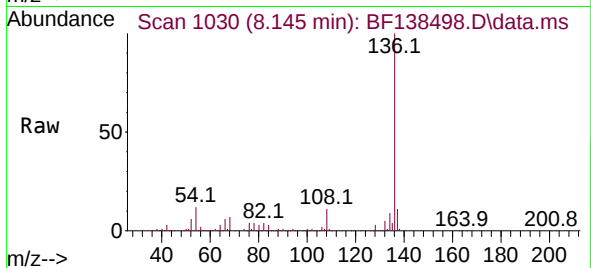
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

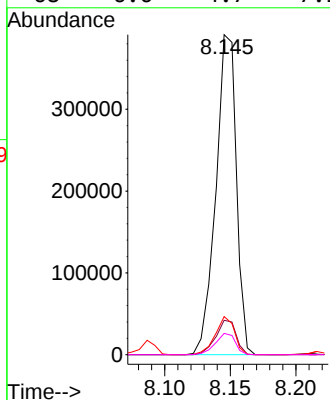
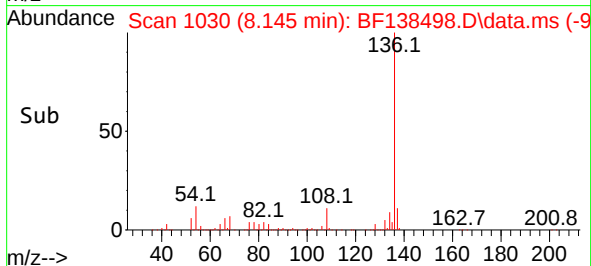
PB161976BS



Tgt Ion:136 Resp: 425478
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.9 8.1 12.1
68 6.6 4.7 7.1

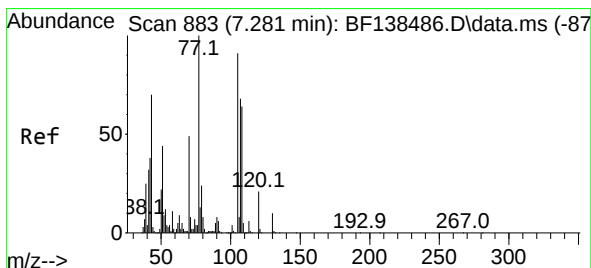
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



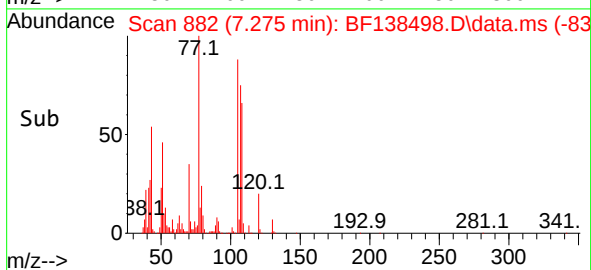
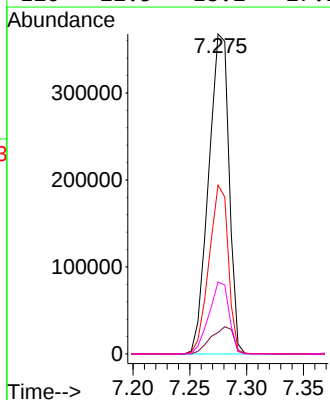
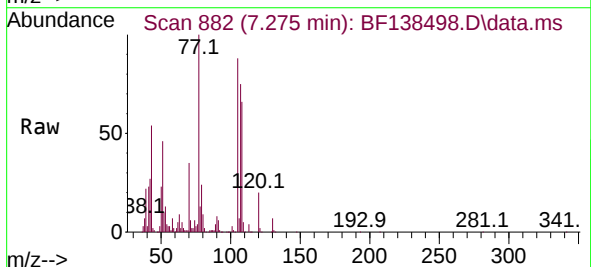
07/11/2024
Supervised By :mohammad
ahmed

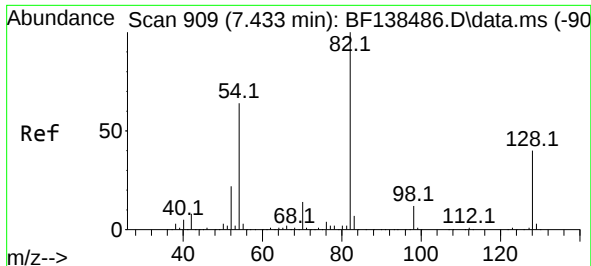
07/11/2024



#22
Acetophenone
Concen: 44.589 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:105 Resp: 460766
Ion Ratio Lower Upper
105 100
71 6.7 7.4 11.2#
51 52.7 38.7 58.1
120 22.5 18.2 27.2





#23

Nitrobenzene-d5

Concen: 88.087 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138498.D

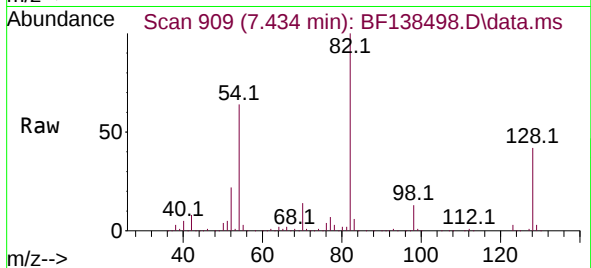
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

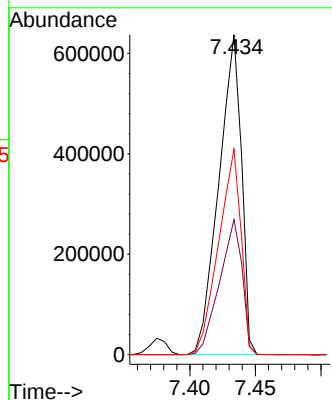


Tgt Ion: 82 Resp: 763359

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.3	48.5
54	64.1	51.4	77.0

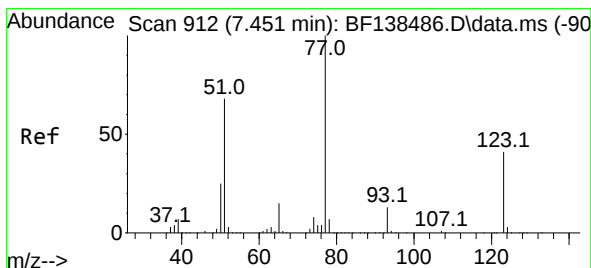
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



07/11/2024
Supervised By :mohammad
ahmed

07/11/2024



#24

Nitrobenzene

Concen: 44.680 ng

RT: 7.451 min Scan# 912

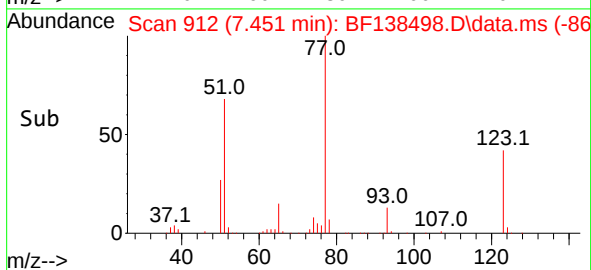
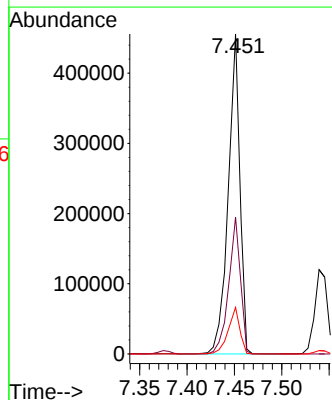
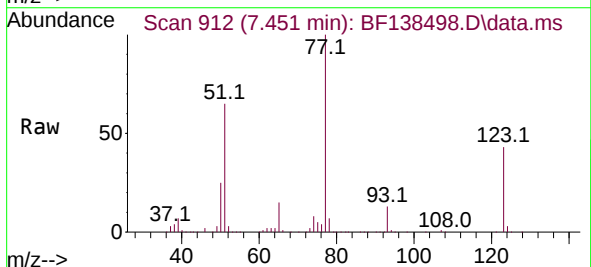
Delta R.T. 0.000 min

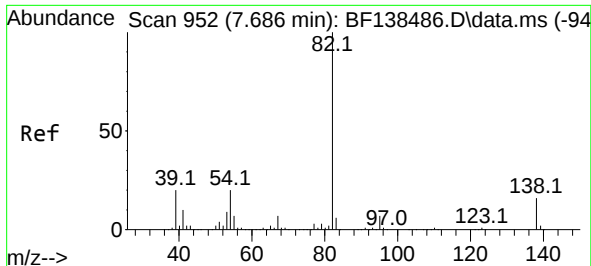
Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Tgt Ion: 77 Resp: 393471

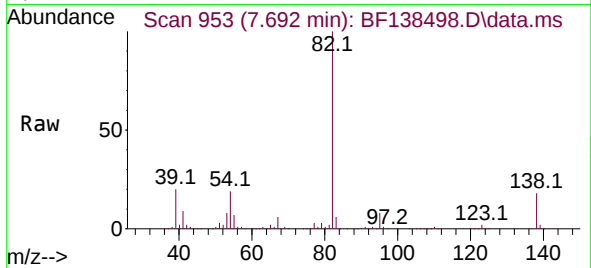
Ion	Ratio	Lower	Upper
77	100		
123	42.8	32.4	48.6
65	14.5	11.8	17.8





#25
Isophorone
Concen: 48.286 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

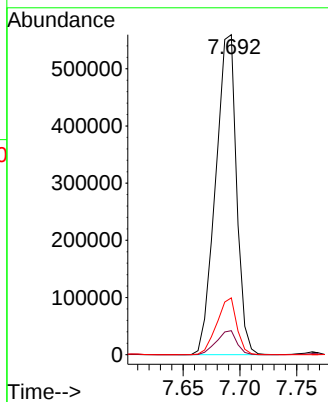
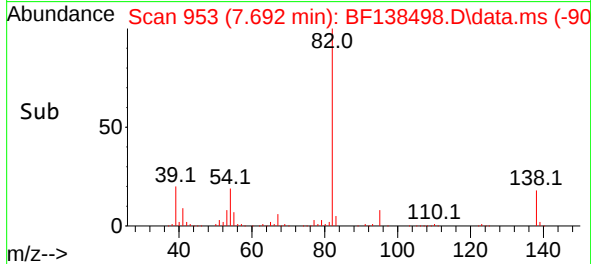
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion: 82 Resp: 718590
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.8 12.8 19.2

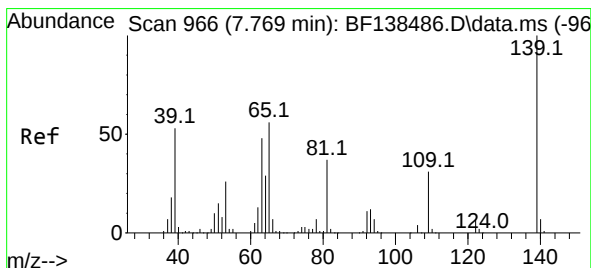
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



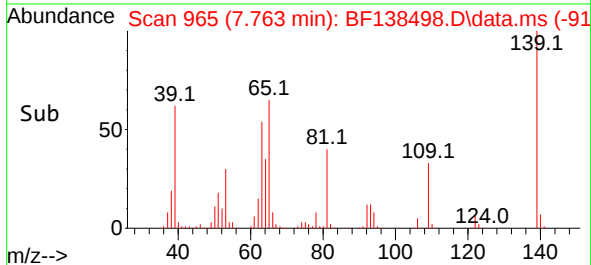
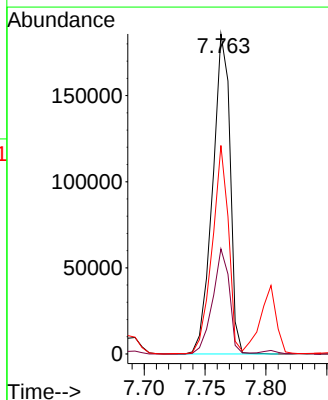
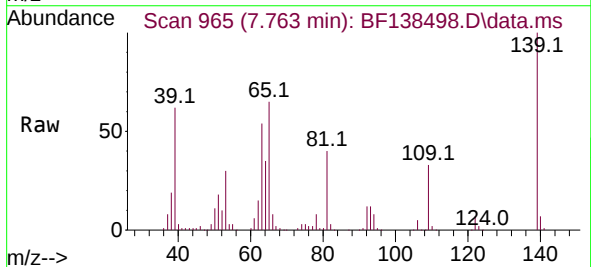
07/11/2024
Supervised By :mohammad
ahmed

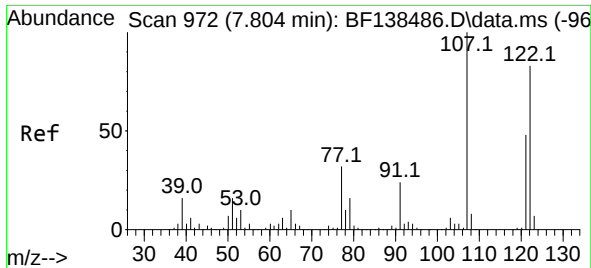
07/11/2024



#26
2-Nitrophenol
Concen: 49.267 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:139 Resp: 185957
Ion Ratio Lower Upper
139 100
109 32.8 24.8 37.2
65 65.2 45.1 67.7





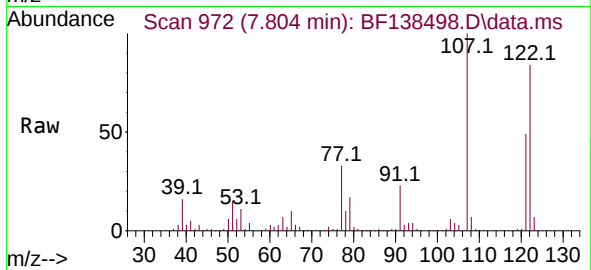
#27
2,4-Dimethylphenol
Concen: 66.777 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

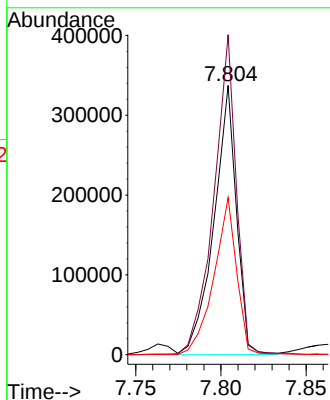
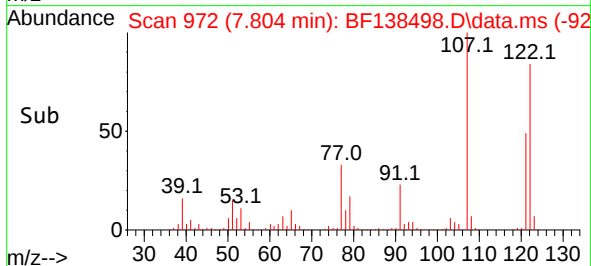
PB161976BS



Tgt Ion:122 Resp: 309780
Ion Ratio Lower Upper
122 100
107 118.9 96.3 144.5
121 58.4 46.7 70.1

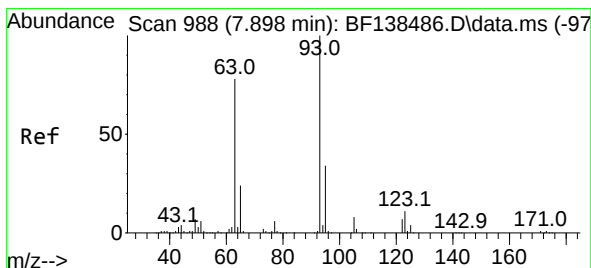
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



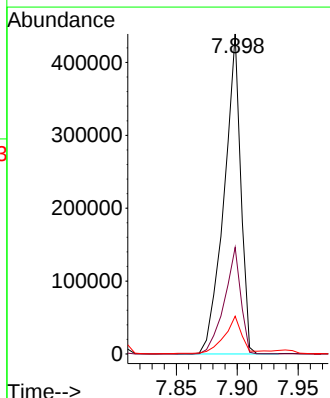
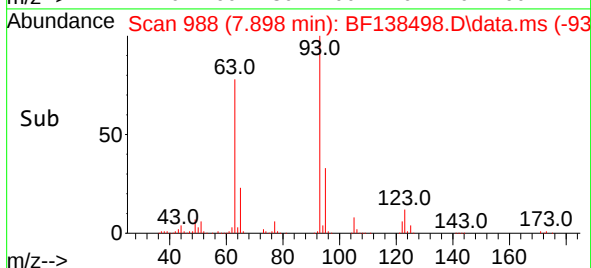
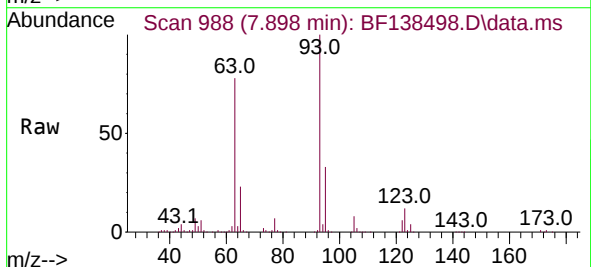
07/11/2024
Supervised By :mohammad
ahmed

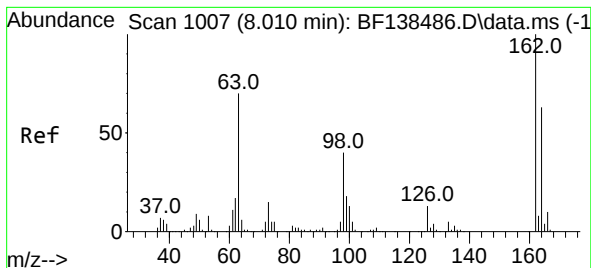
07/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.012 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 93 Resp: 418132
Ion Ratio Lower Upper
93 100
95 33.3 27.0 40.6
123 11.8 9.1 13.7





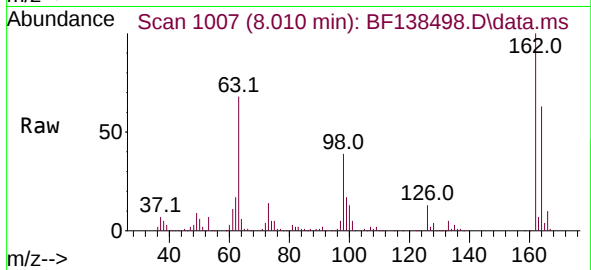
#29
2,4-Dichlorophenol
Concen: 47.989 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

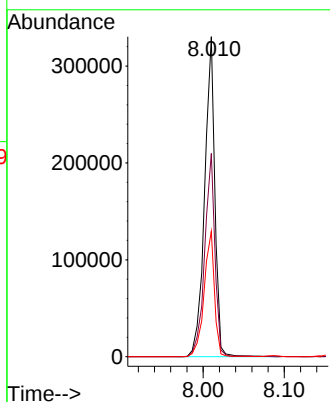
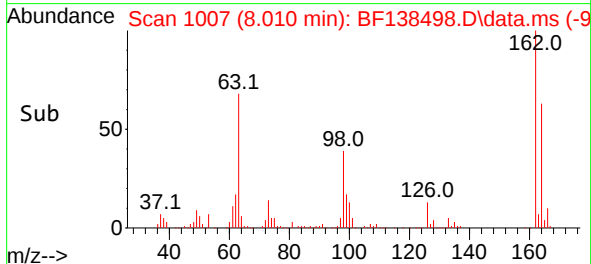
PB161976BS



Tgt Ion:162 Resp: 289094
Ion Ratio Lower Upper
162 100
164 63.5 42.6 82.6
98 39.2 20.1 60.1

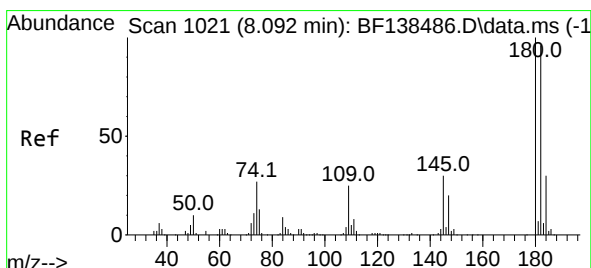
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

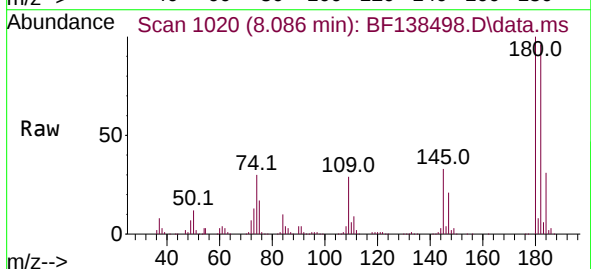


07/11/2024
Supervised By :mohammad
ahmed

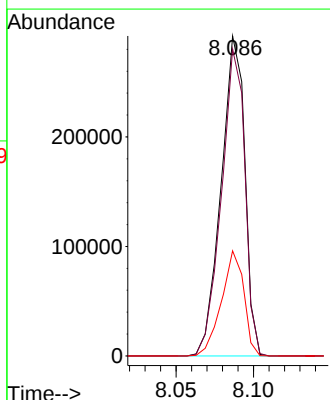
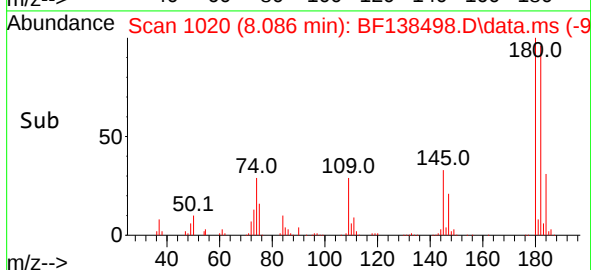
07/11/2024

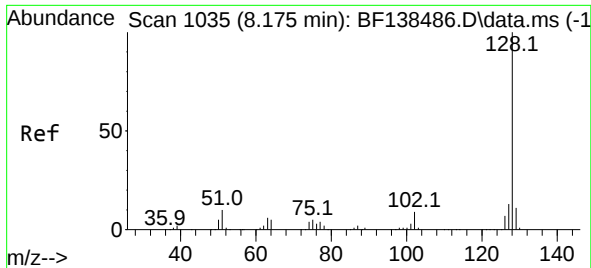


#30
1,2,4-Trichlorobenzene
Concen: 44.240 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:180 Resp: 310472
Ion Ratio Lower Upper
180 100
182 95.9 76.9 115.3
145 32.9 23.9 35.9





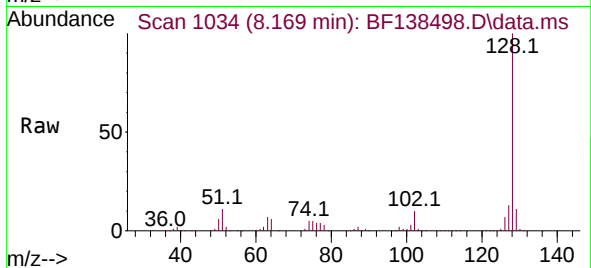
#31
Naphthalene
Concen: 45.259 ng
RT: 8.169 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

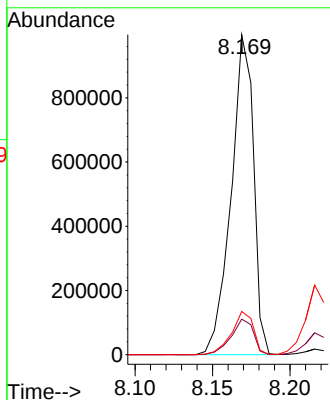
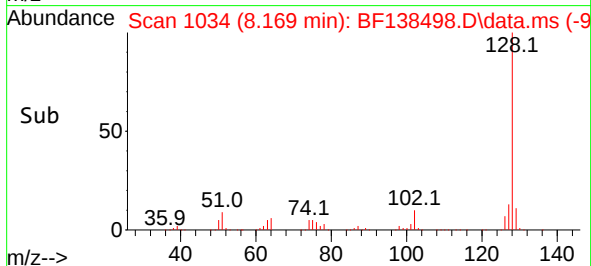
PB161976BS



Tgt Ion:128 Resp: 1001508
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1

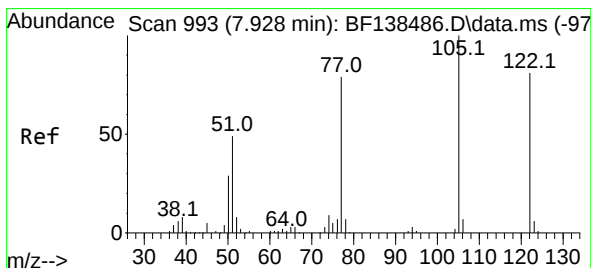
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

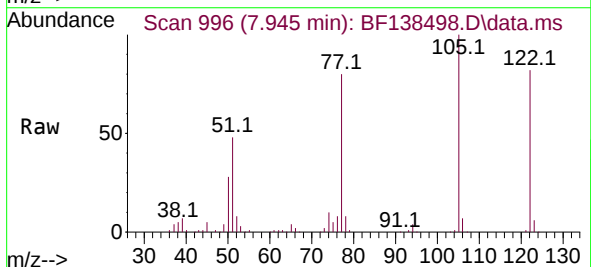


07/11/2024
Supervised By :mohammad
ahmed

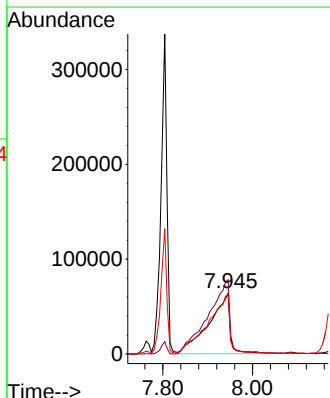
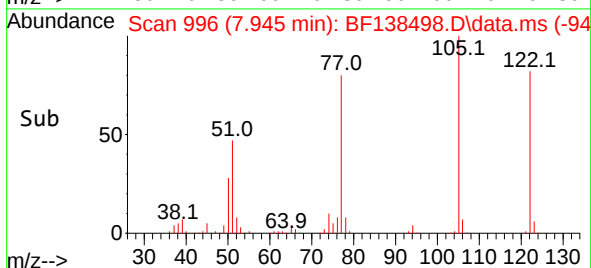
07/11/2024

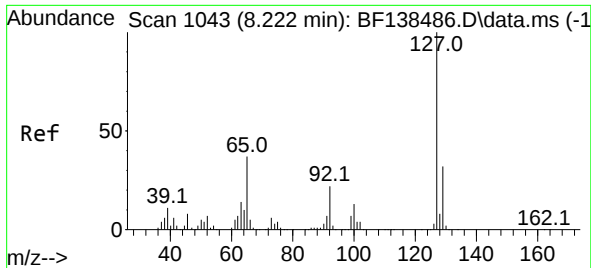


#32
Benzoic acid
Concen: 47.383 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:122 Resp: 209650
Ion Ratio Lower Upper
122 100
105 122.5 101.5 141.5
77 98.4 77.3 117.3





#33
4-Chloroaniline
Concen: 28.430 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

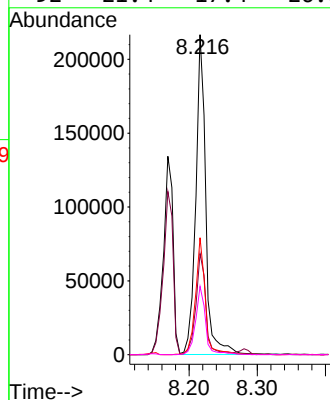
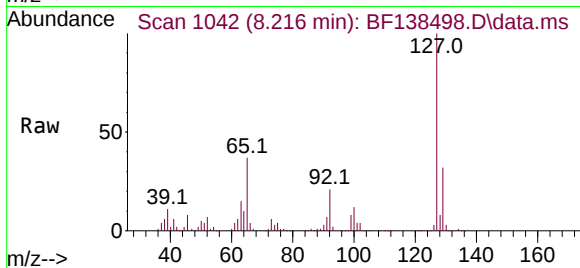
ClientSampleId :

PB161976BS

Tgt Ion:127 Resp: 220738
Ion Ratio Lower Upper
127 100
129 31.6 25.6 38.4
65 36.6 29.6 44.4
92 21.4 17.4 26.0

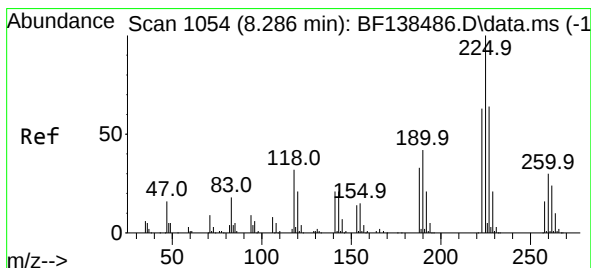
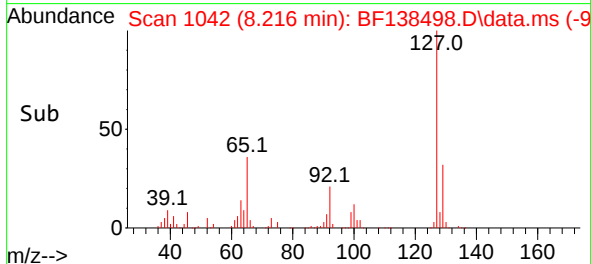
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



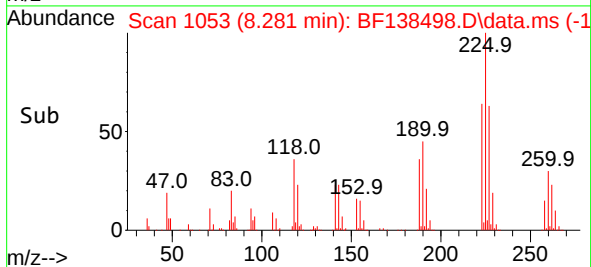
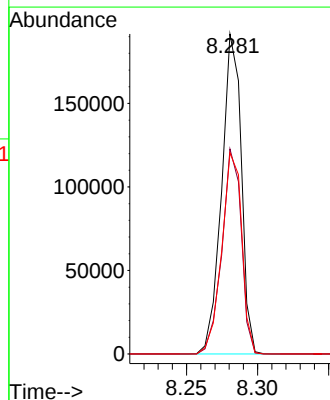
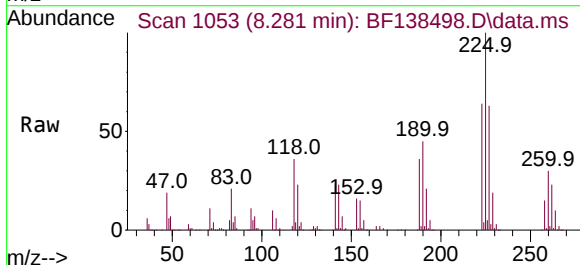
07/11/2024
Supervised By :mohammad
ahmed

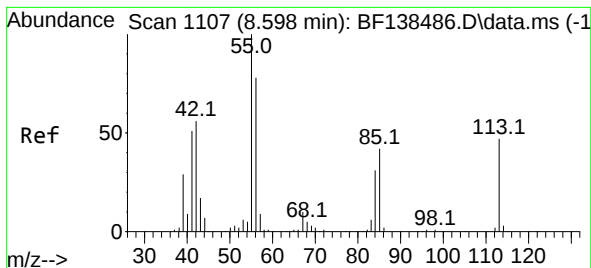
07/11/2024



#34
Hexachlorobutadiene
Concen: 42.497 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:225 Resp: 183650
Ion Ratio Lower Upper
225 100
223 64.0 50.0 75.0
227 62.9 51.0 76.6





#35

Caprolactam

Concen: 50.219 ng m

RT: 8.598 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

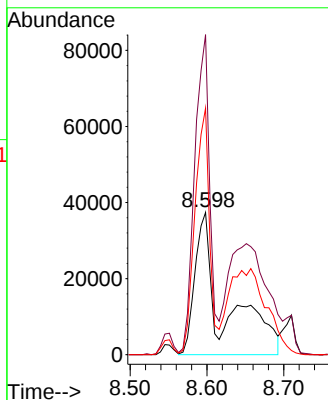
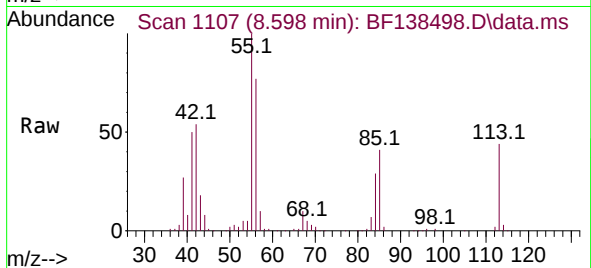
PB161976BS

Tgt Ion:113 Resp: 9762

Ion	Ratio	Lower	Upper
113	100		
55	225.0	192.5	232.5
56	173.3	145.3	185.3

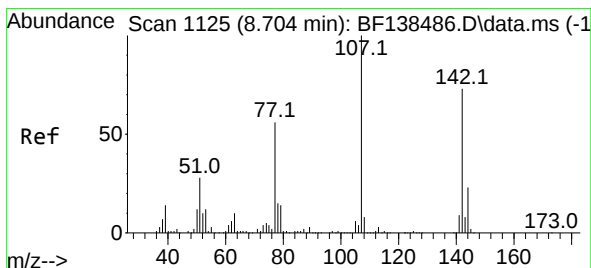
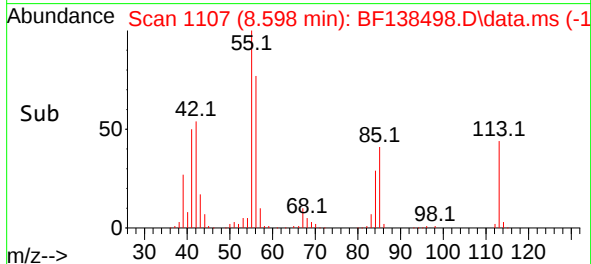
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



07/11/2024
Supervised By :mohammad
ahmed

07/11/2024



#36

4-Chloro-3-methylphenol

Concen: 47.628 ng

RT: 8.710 min Scan# 1126

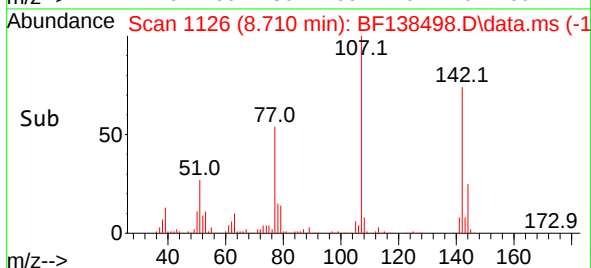
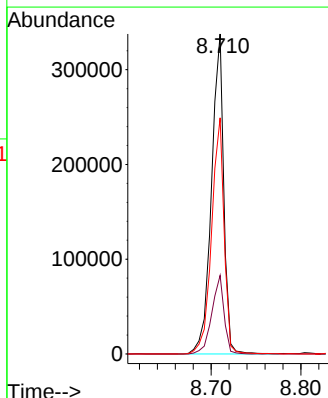
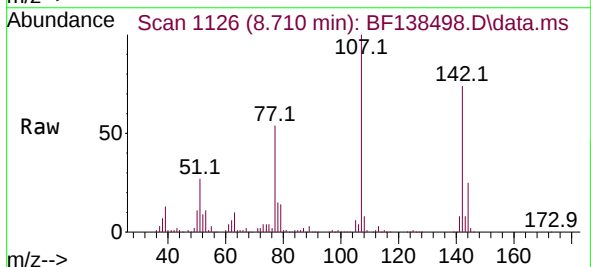
Delta R.T. 0.006 min

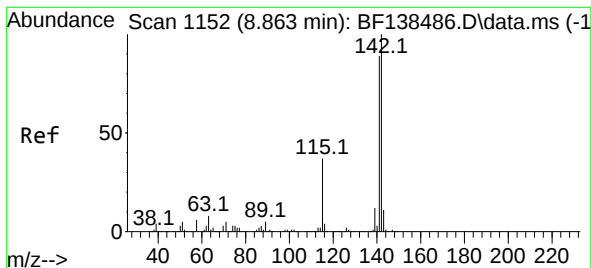
Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Tgt Ion:107 Resp: 321217

Ion	Ratio	Lower	Upper
107	100		
144	24.6	18.6	27.8
142	73.8	58.6	88.0





#37
2-Methylnaphthalene
Concen: 45.538 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

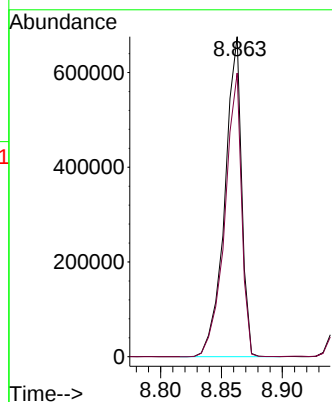
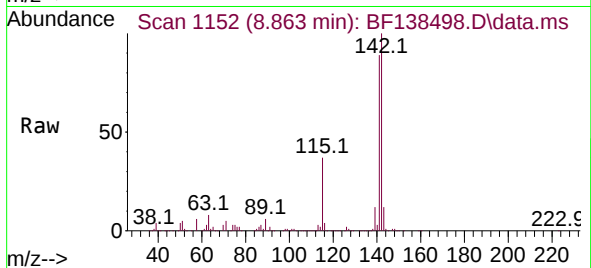
ClientSampleId :

PB161976BS

Tgt Ion:142 Resp: 648470
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0

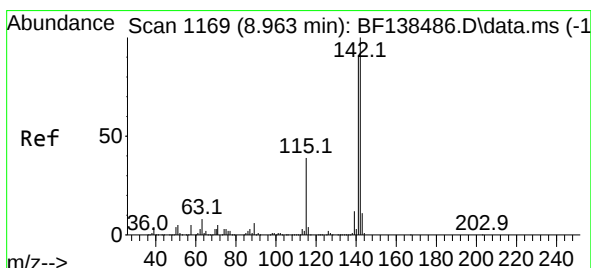
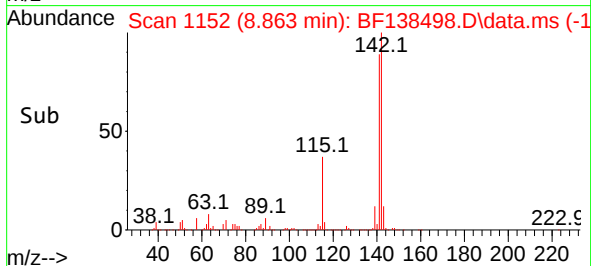
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



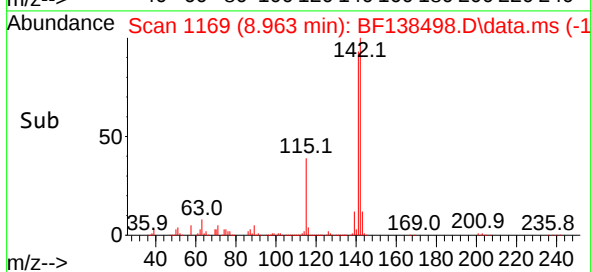
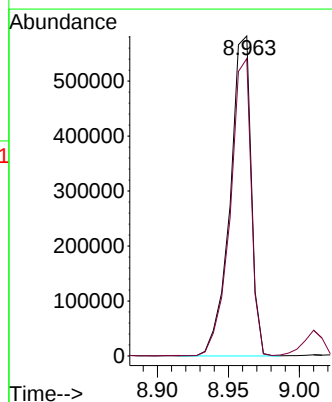
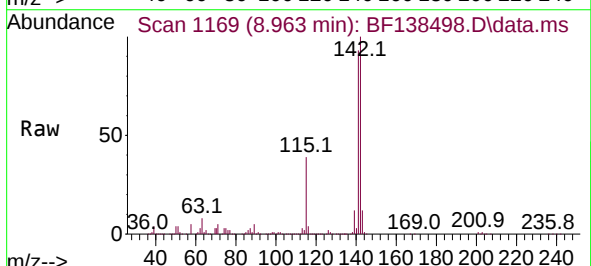
07/11/2024
Supervised By :mohammad
ahmed

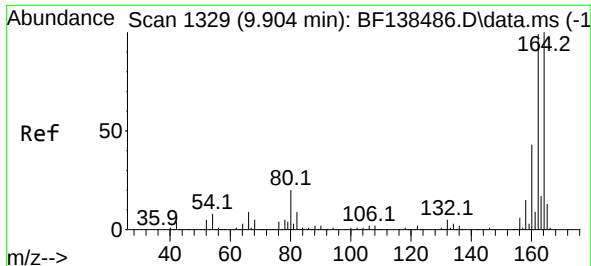
07/11/2024



#38
1-Methylnaphthalene
Concen: 43.560 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:142 Resp: 605387
Ion Ratio Lower Upper
142 100
141 92.9 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF138498.D

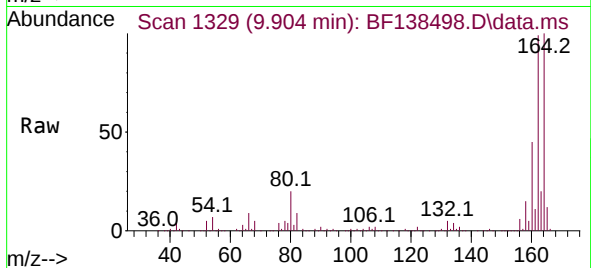
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

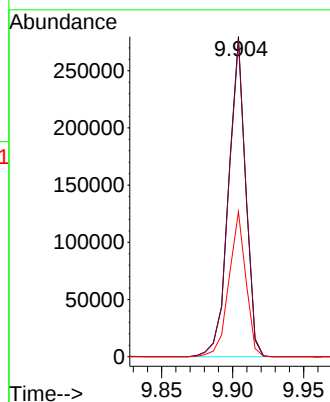


Tgt Ion:164 Resp: 233490

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.0	118.6
160	45.3	34.4	51.6

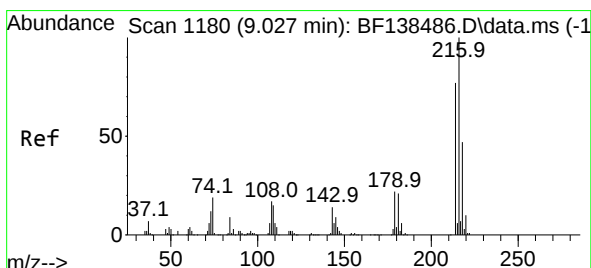
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



07/11/2024
Supervised By :mohammad
ahmed

07/11/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.587 ng

RT: 9.028 min Scan# 1180

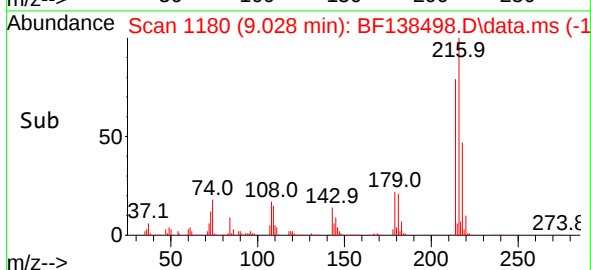
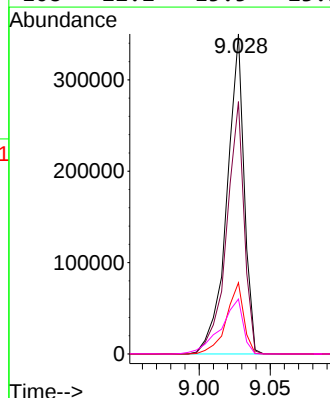
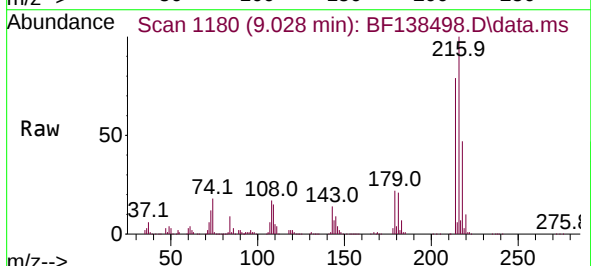
Delta R.T. 0.000 min

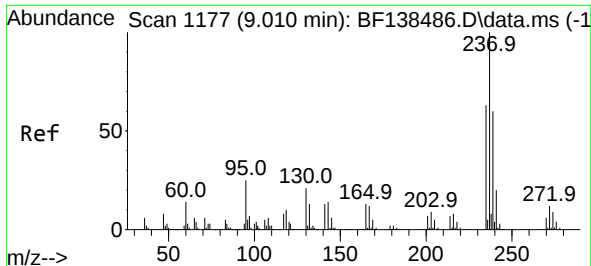
Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Tgt Ion:216 Resp: 296665

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.8	94.2
179	22.3	17.7	26.5
108	22.2	15.5	23.3





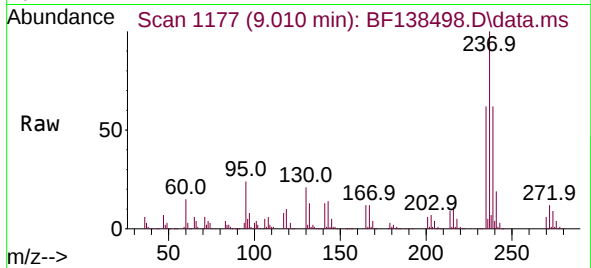
#41
Hexachlorocyclopentadiene
Concen: 172.051 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

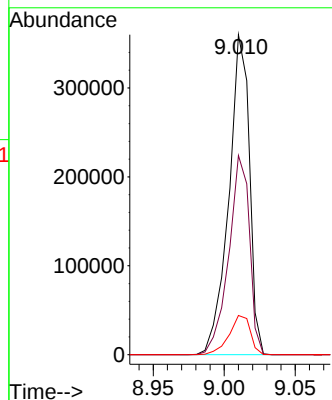
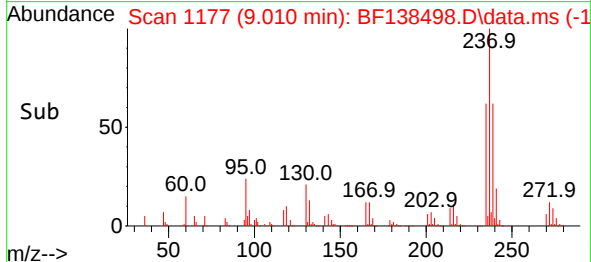
PB161976BS



Tgt Ion:237 Resp: 363418
Ion Ratio Lower Upper
237 100
235 62.3 43.3 83.3
272 12.2 0.0 32.3

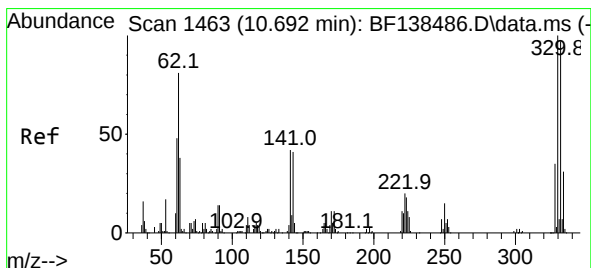
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

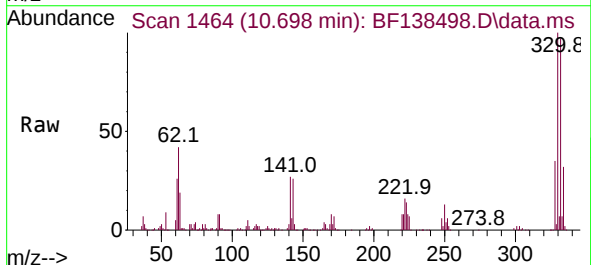


07/11/2024
Supervised By :mohammad
ahmed

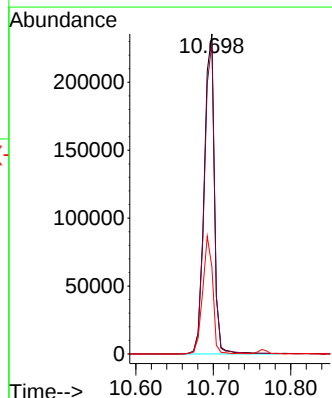
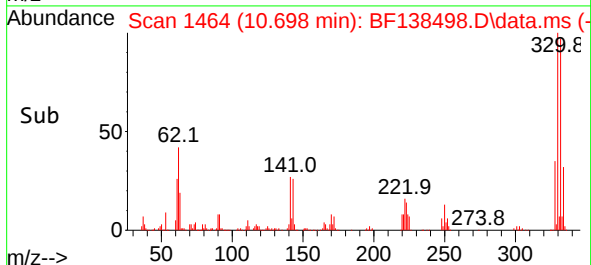
07/11/2024

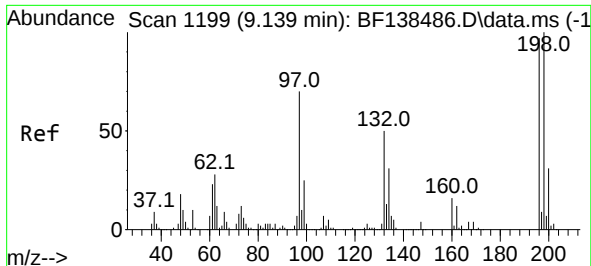


#42
2,4,6-Tribromophenol
Concen: 98.232 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:330 Resp: 214367
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 36.5 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 49.241 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF138498.D

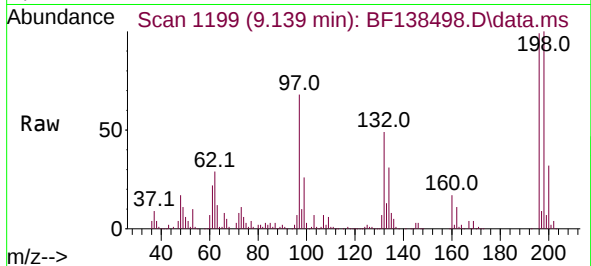
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS



Tgt Ion:196 Resp: 20440

Ion Ratio Lower Upper

196 100

198 101.1 82.3 123.5

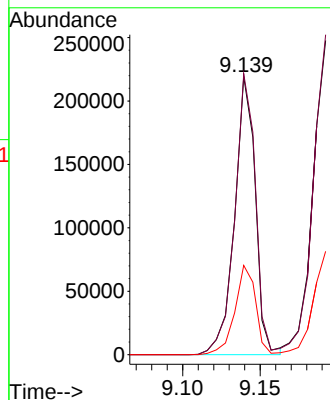
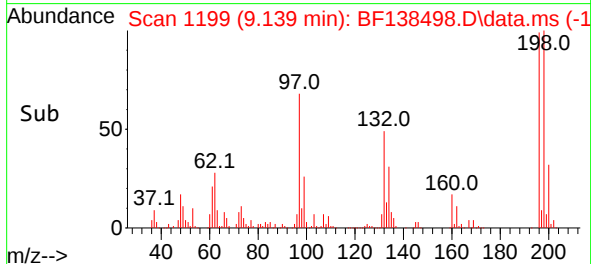
200 32.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

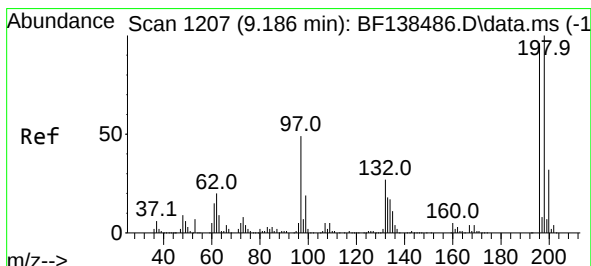
Patel



07/11/2024

Supervised By :mohammad
ahmed

07/11/2024



#44

2,4,5-Trichlorophenol

Concen: 46.903 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Tgt Ion:196 Resp: 214146

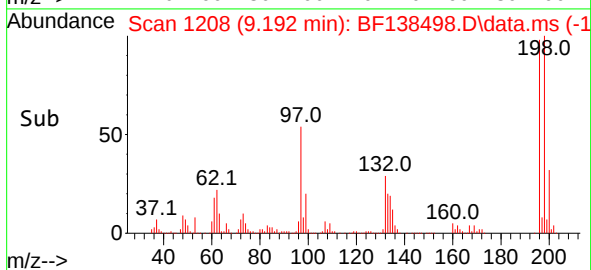
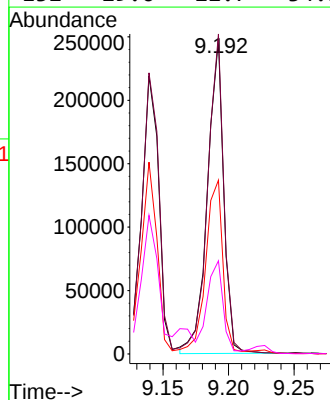
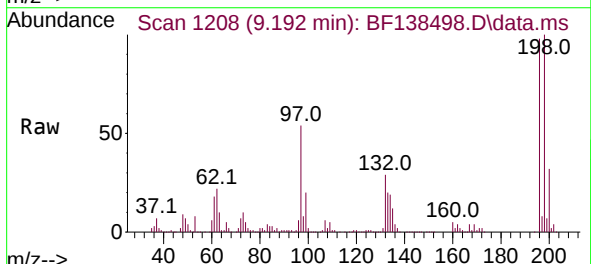
Ion Ratio Lower Upper

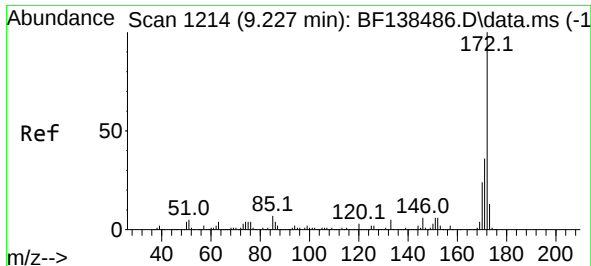
196 100

198 101.8 82.8 124.2

97 55.3 41.0 61.4

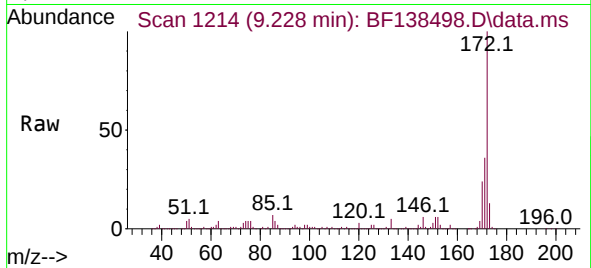
132 29.6 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 89.596 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

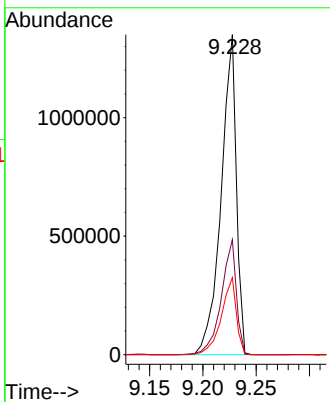
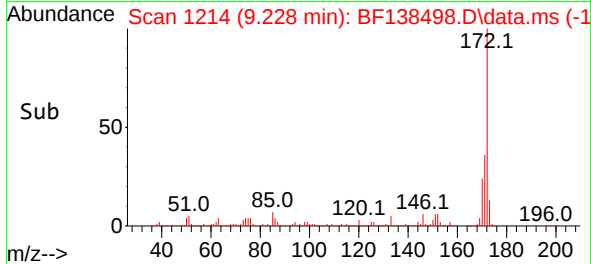
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion:172 Resp: 1338549
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 24.1 18.9 28.3

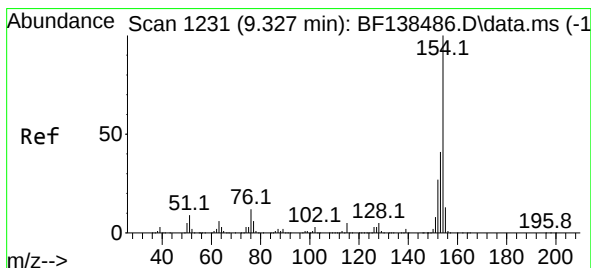
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



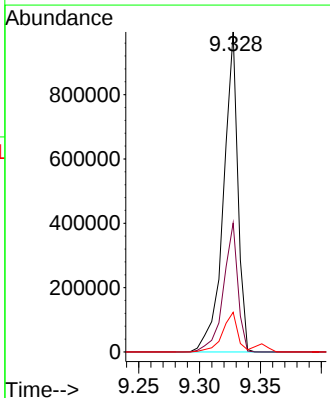
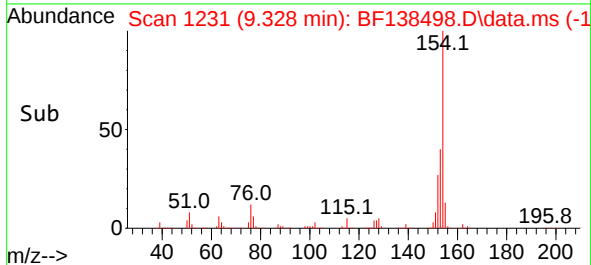
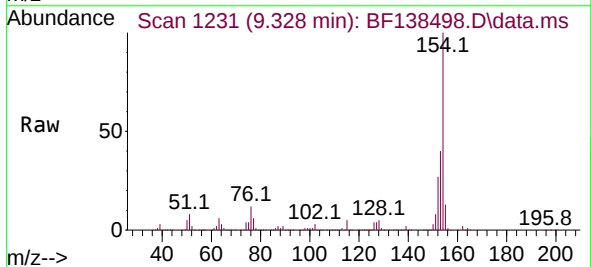
07/11/2024
Supervised By :mohammad
ahmed

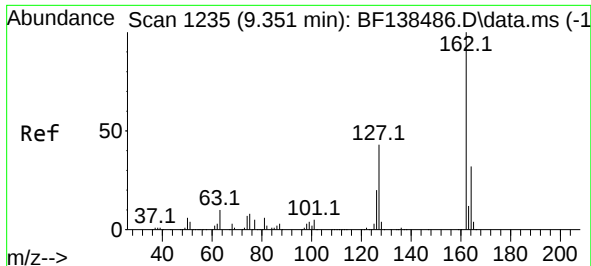
07/11/2024



#46
1,1'-Biphenyl
Concen: 46.307 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:154 Resp: 819414
Ion Ratio Lower Upper
154 100
153 40.3 20.7 60.7
76 12.4 0.0 32.2





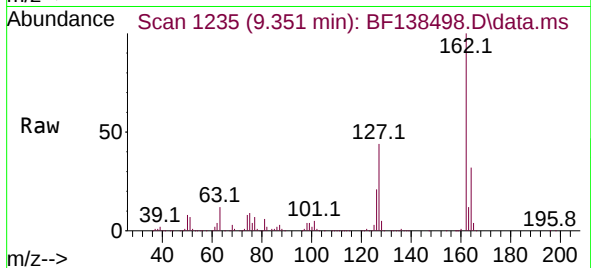
#47
2-Chloronaphthalene
Concen: 45.694 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

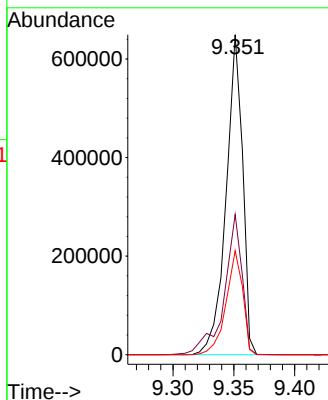
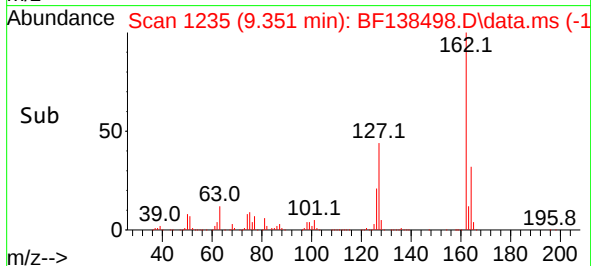
PB161976BS



Tgt Ion:162 Resp: 610848
Ion Ratio Lower Upper
162 100
127 43.8 34.8 52.2
164 32.5 25.6 38.4

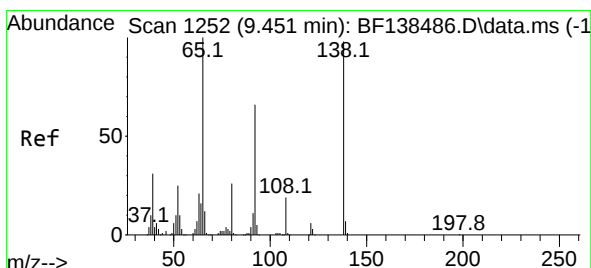
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



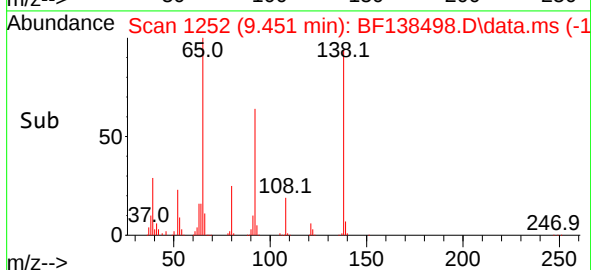
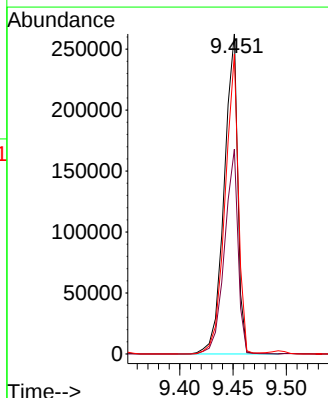
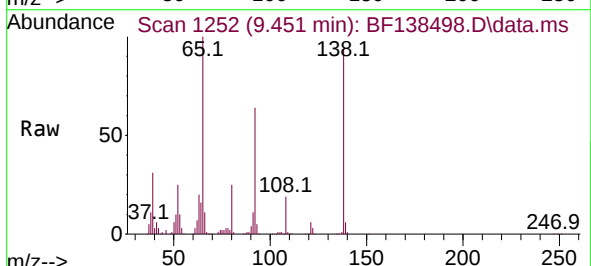
07/11/2024
Supervised By :mohammad
ahmed

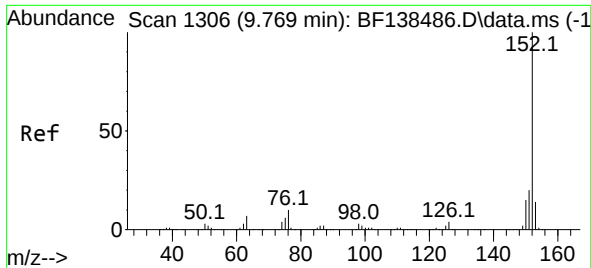
07/11/2024



#48
2-Nitroaniline
Concen: 50.205 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 65 Resp: 232573
Ion Ratio Lower Upper
65 100
92 64.0 52.6 78.8
138 93.7 78.6 118.0





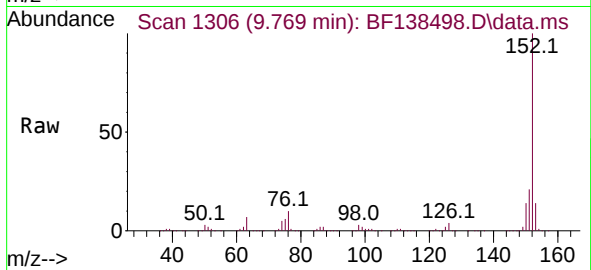
#49
Acenaphthylene
Concen: 49.249 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

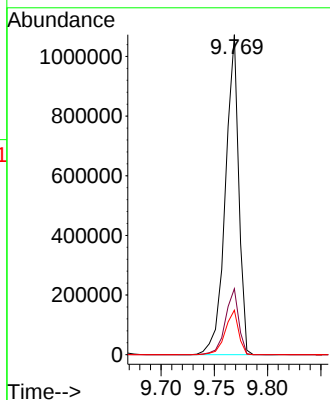
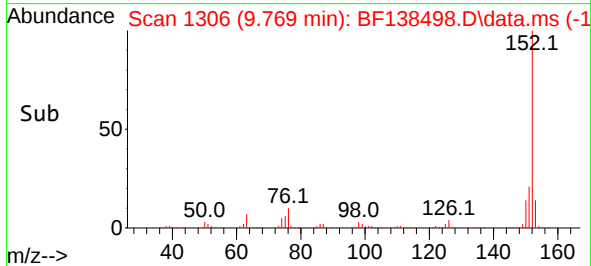
PB161976BS



Tgt Ion:152 Resp: 934732
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 11.3 16.9

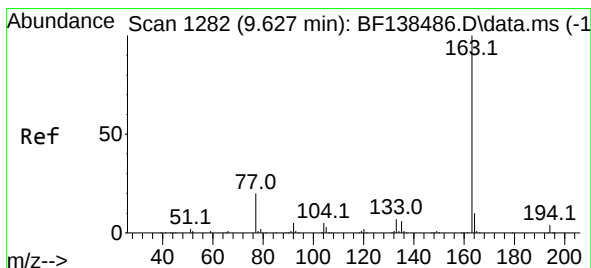
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

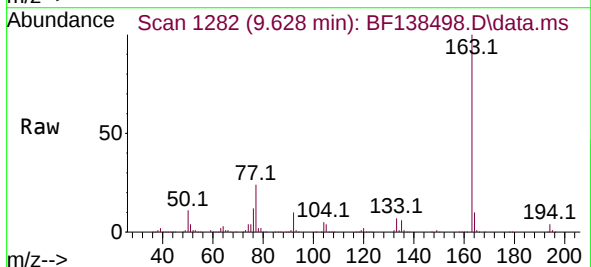


07/11/2024
Supervised By :mohammad
ahmed

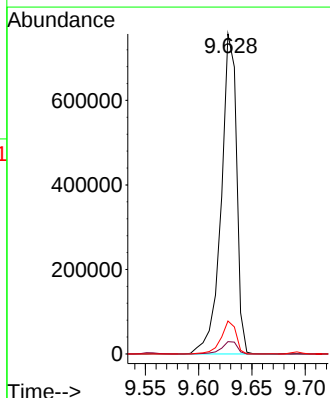
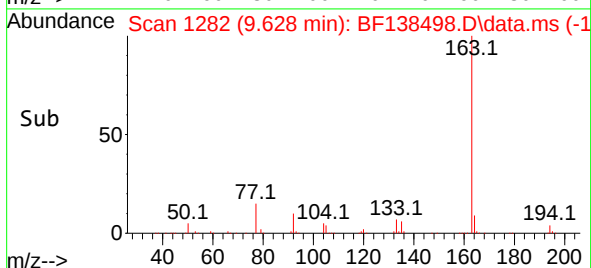
07/11/2024

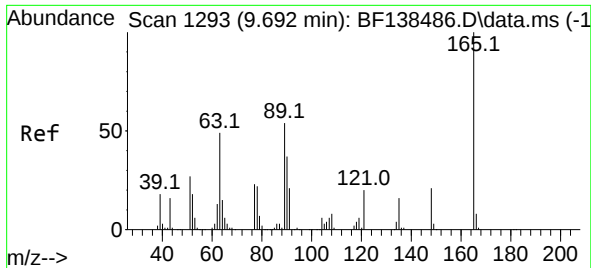


#50
Dimethylphthalate
Concen: 50.238 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:163 Resp: 758506
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.838 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

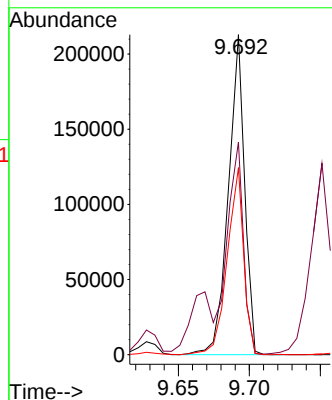
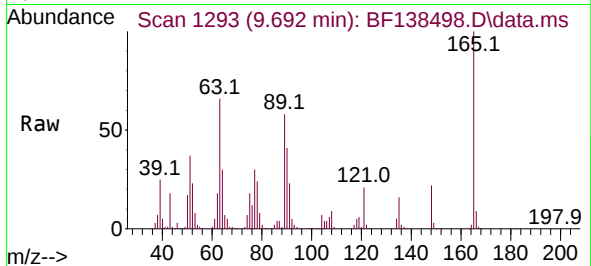
ClientSampleId :

PB161976BS

Tgt Ion:165 Resp: 169770
Ion Ratio Lower Upper
165 100
63 66.5 48.1 72.1
89 58.5 43.0 64.6

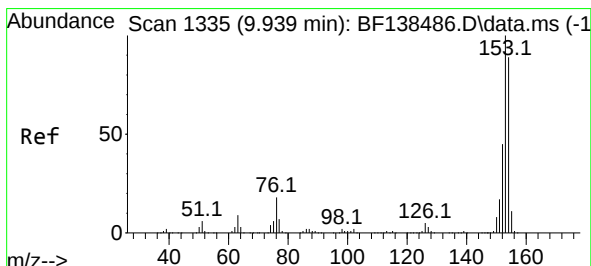
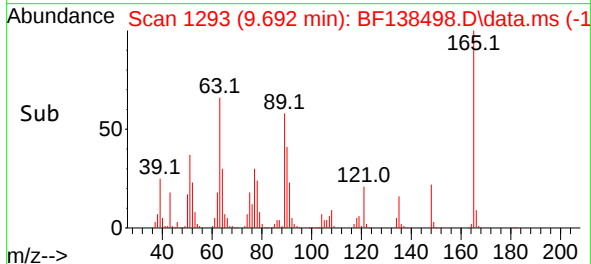
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



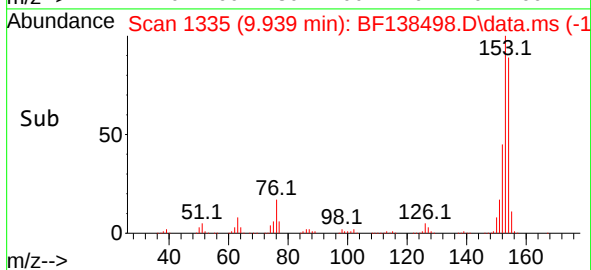
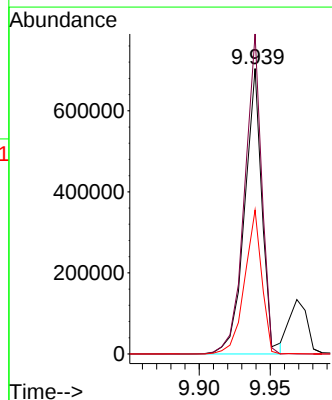
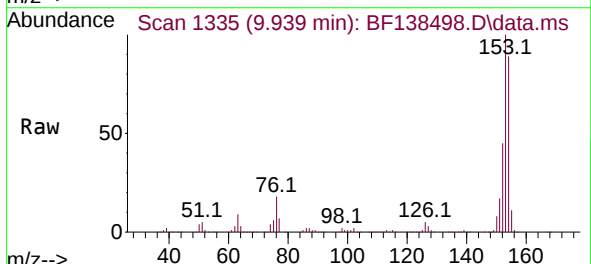
07/11/2024
Supervised By :mohammad
ahmed

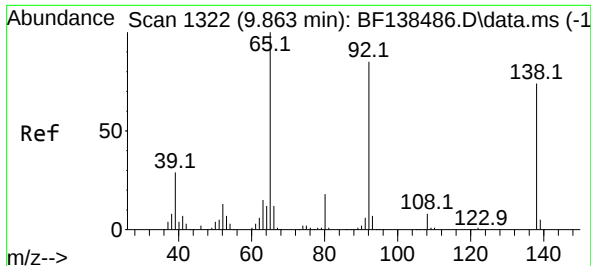
07/11/2024



#52
Acenaphthene
Concen: 47.776 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:154 Resp: 602752
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 50.4 41.1 61.7





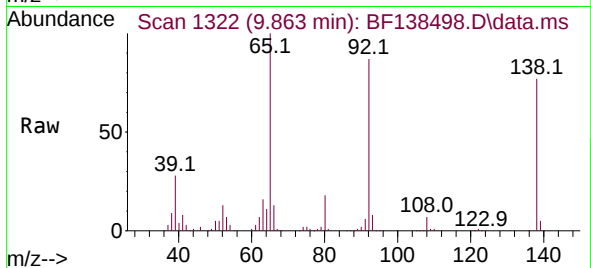
#53
3-Nitroaniline
Concen: 34.977 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

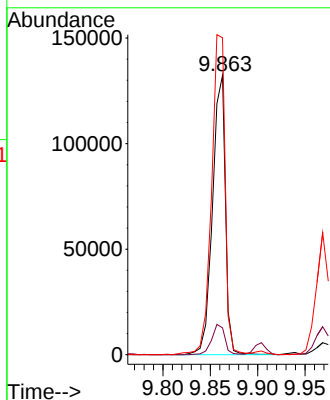
PB161976BS



Tgt Ion:138 Resp: 12462
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 113.5 92.6 138.8

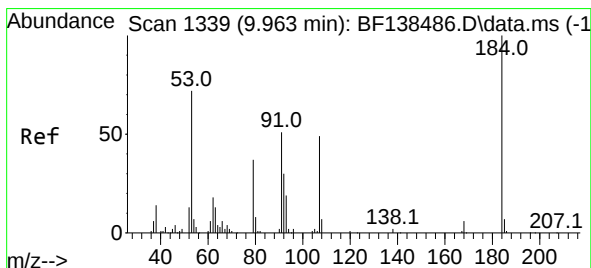
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



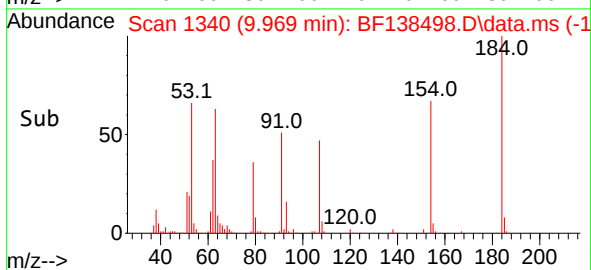
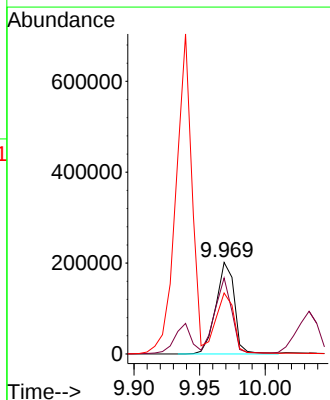
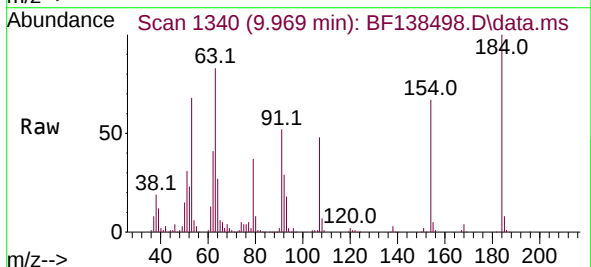
07/11/2024
Supervised By :mohammad
ahmed

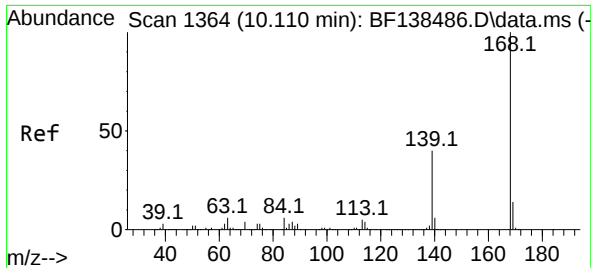
07/11/2024



#54
2,4-Dinitrophenol
Concen: 104.636 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

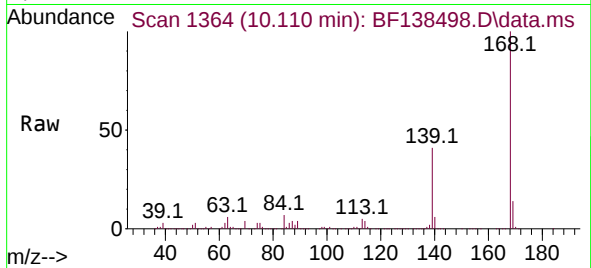
Tgt Ion:184 Resp: 198070
Ion Ratio Lower Upper
184 100
63 82.9 70.6 106.0
154 66.5 53.8 80.6





#55
Dibenzenofuran
Concen: 47.832 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

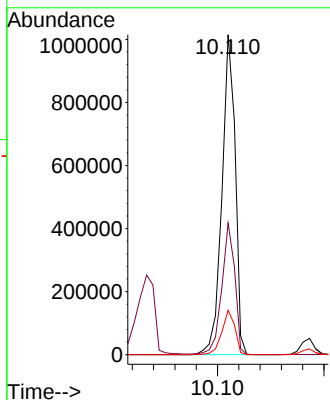
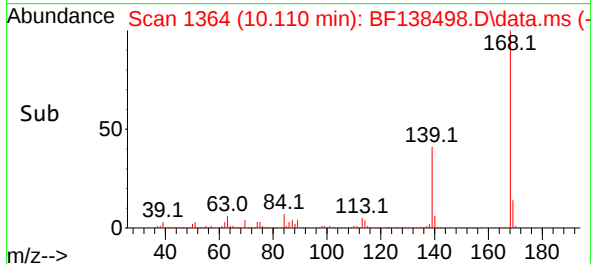
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion:168 Resp: 875292
Ion Ratio Lower Upper
168 100
139 41.1 32.4 48.6
169 13.9 10.9 16.3

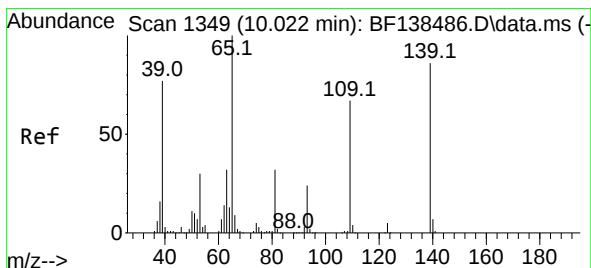
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

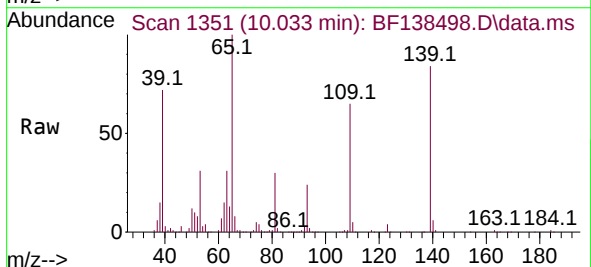


07/11/2024
Supervised By :mohammad
ahmed

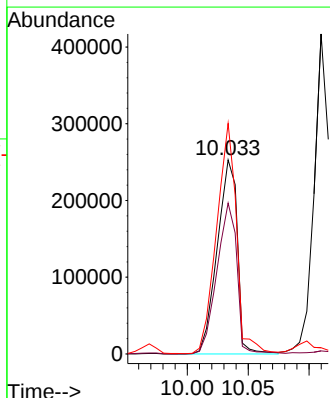
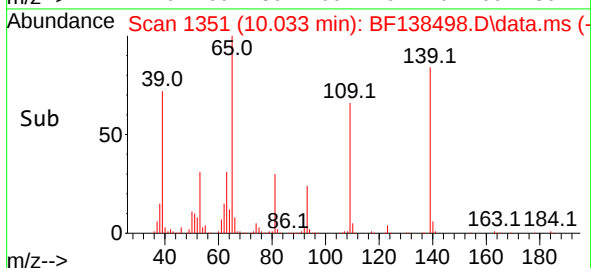
07/11/2024

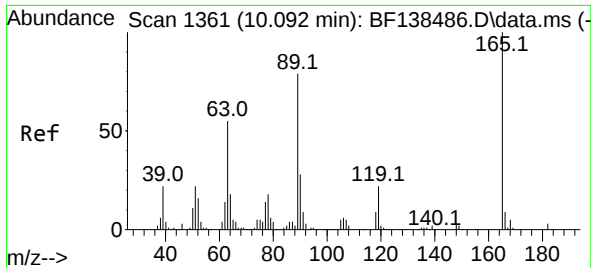


#56
4-Nitrophenol
Concen: 110.605 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:139 Resp: 290780
Ion Ratio Lower Upper
139 100
109 77.8 58.1 98.1
65 118.7 96.9 136.9





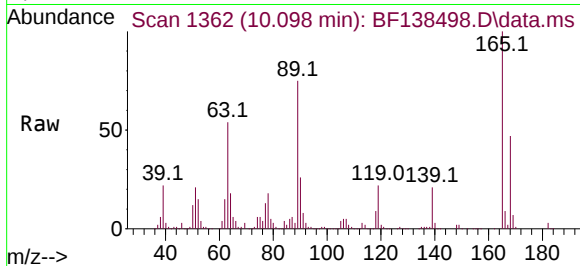
#57
2,4-Dinitrotoluene
Concen: 49.635 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

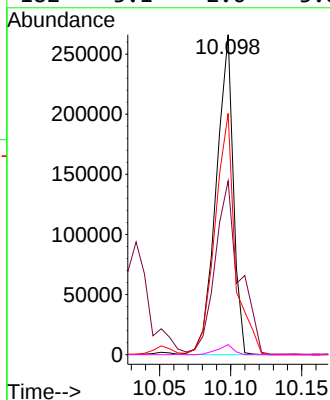
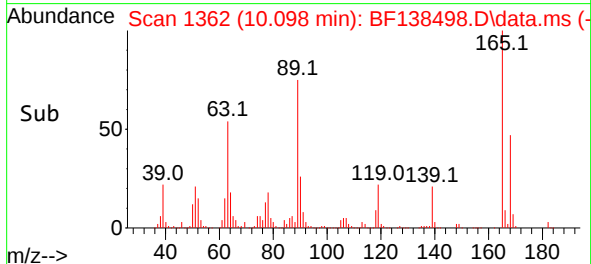
PB161976BS



Tgt Ion:165 Resp: 22325
Ion Ratio Lower Upper
165 100
63 54.3 44.6 66.8
89 75.4 63.4 95.2
182 3.1 2.6 3.8

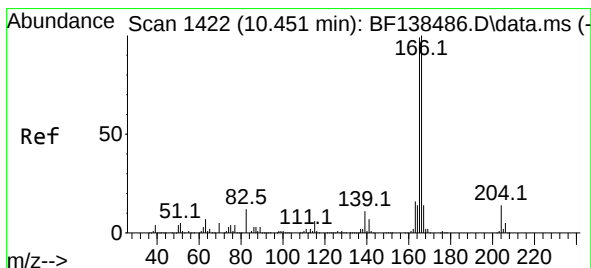
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



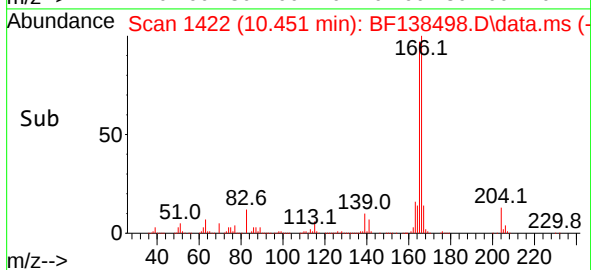
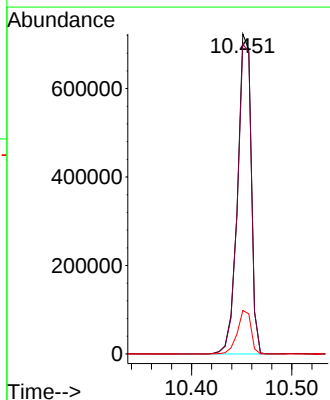
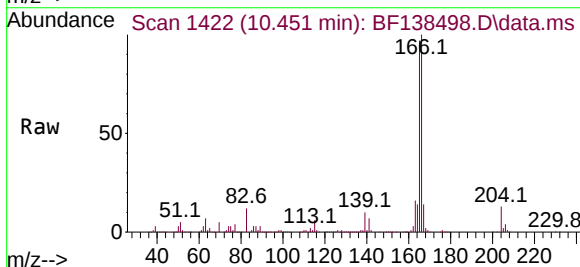
07/11/2024
Supervised By :mohammad
ahmed

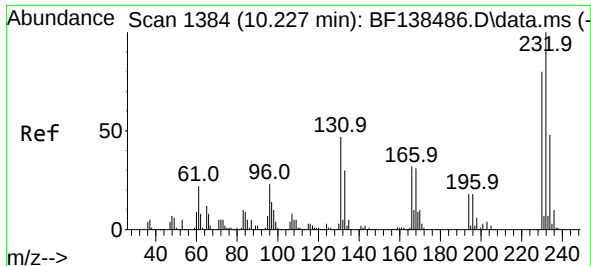
07/11/2024



#58
Fluorene
Concen: 47.268 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

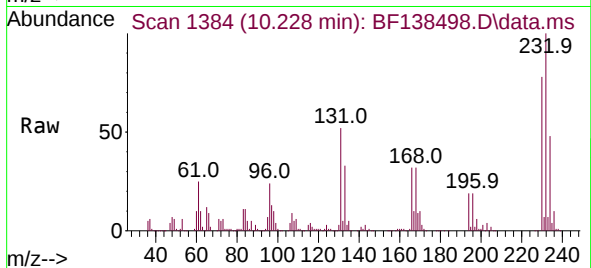
Tgt Ion:166 Resp: 684406
Ion Ratio Lower Upper
166 100
165 96.9 79.1 118.7
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.821 ng
RT: 10.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

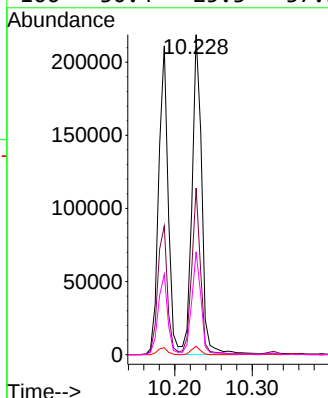
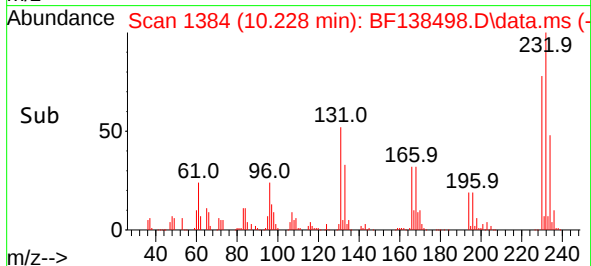
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion:232 Resp: 19033
Ion Ratio Lower Upper
232 100
131 46.9 37.5 56.3
130 2.4 2.0 3.0
166 30.4 25.3 37.9

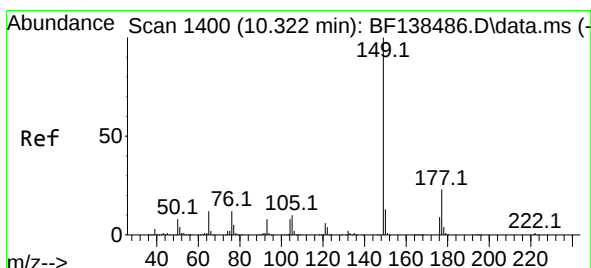
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



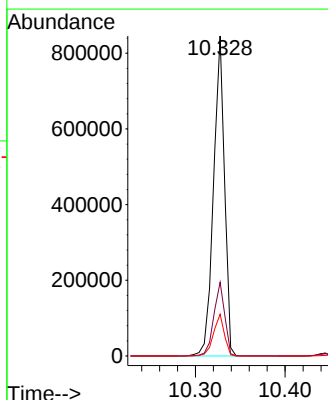
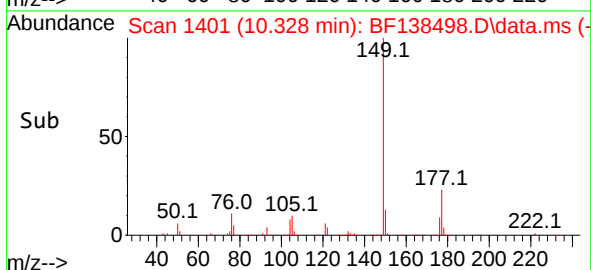
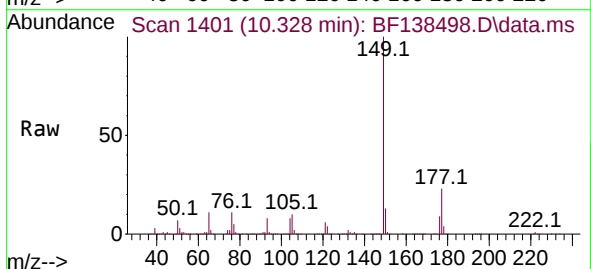
07/11/2024
Supervised By :mohammad
ahmed

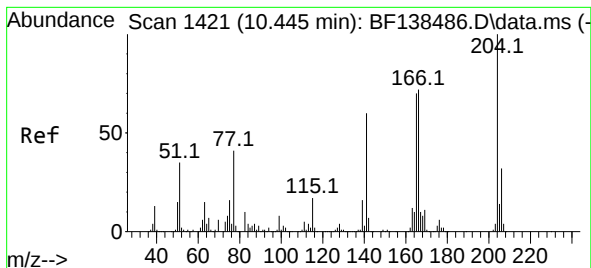
07/11/2024



#60
Diethylphthalate
Concen: 49.432 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

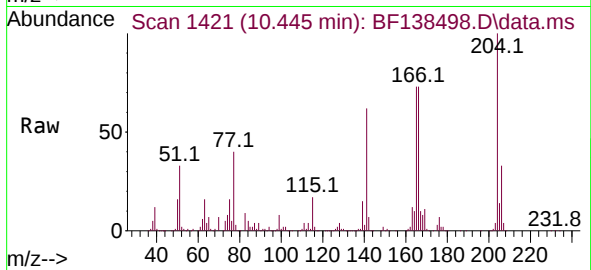
Tgt Ion:149 Resp: 719493
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 13.0 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 47.070 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

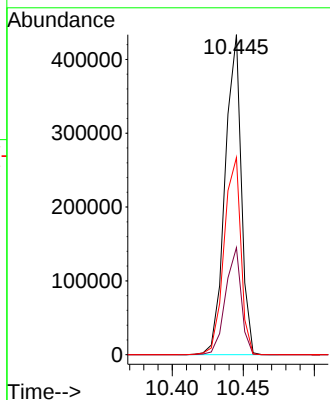
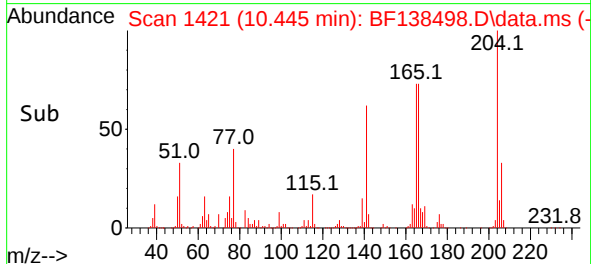
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion:204 Resp: 342234
Ion Ratio Lower Upper
204 100
206 33.4 25.6 38.4
141 61.6 47.7 71.5

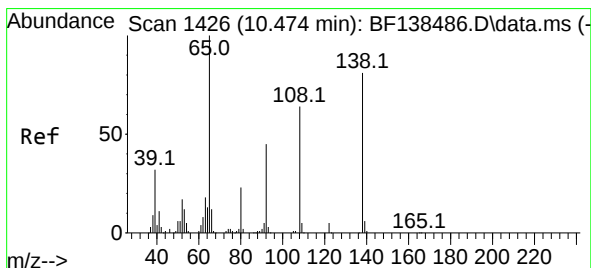
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

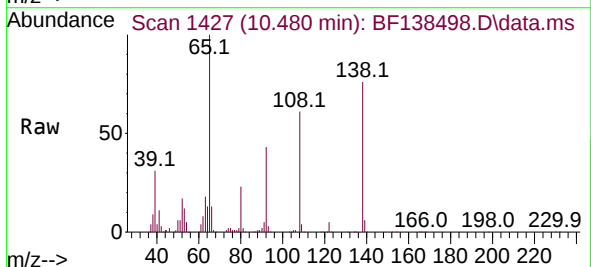


07/11/2024
Supervised By :mohammad
ahmed

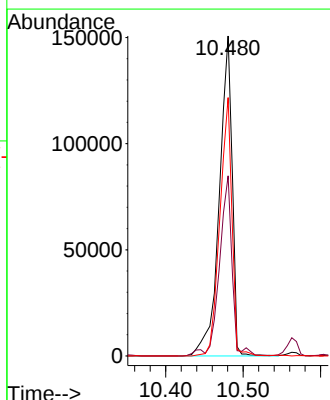
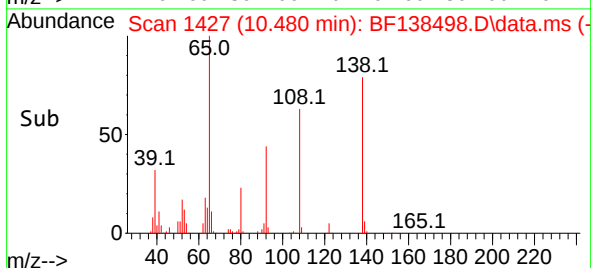
07/11/2024

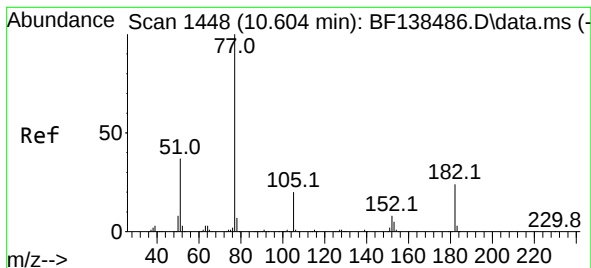


#62
4-Nitroaniline
Concen: 48.939 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:138 Resp: 174732
Ion Ratio Lower Upper
138 100
92 56.3 35.8 75.8
108 80.7 59.8 99.8





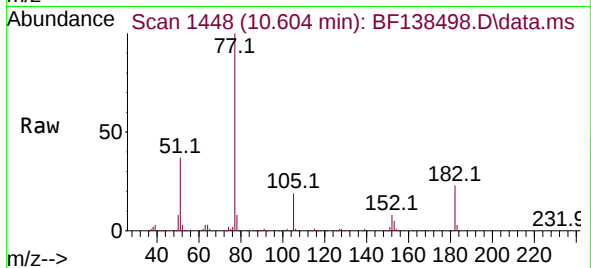
#63
Azobenzene
Concen: 48.524 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

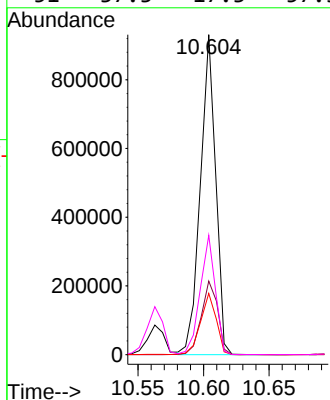
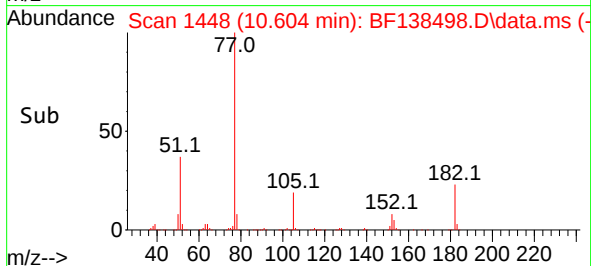
PB161976BS



Tgt Ion: 77 Resp: 75934
Ion Ratio Lower Upper
77 100
182 23.0 3.8 43.8
105 19.1 0.0 39.8
51 37.3 17.3 57.3

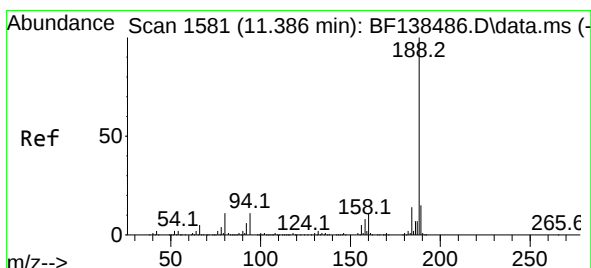
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

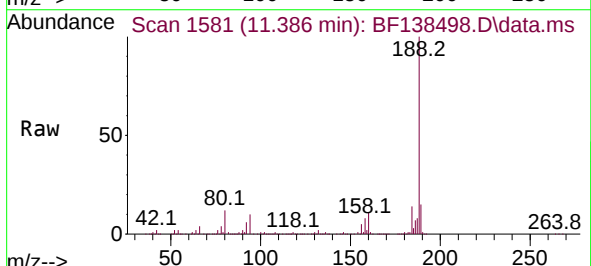


07/11/2024
Supervised By :mohammad
ahmed

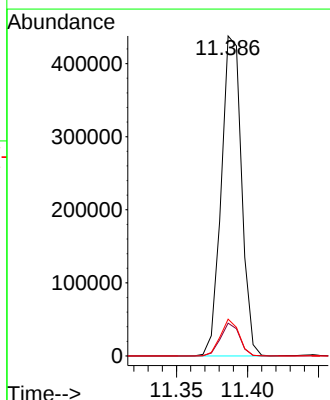
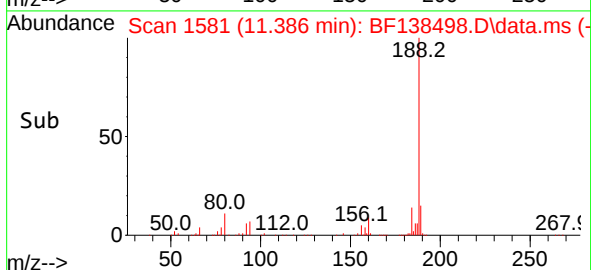
07/11/2024

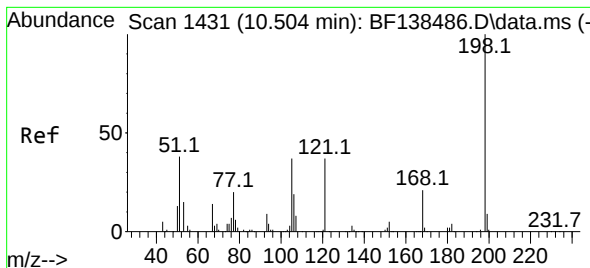


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



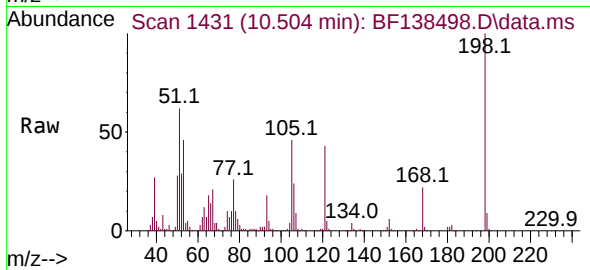
Tgt Ion:188 Resp: 433814
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 11.5 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 53.649 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

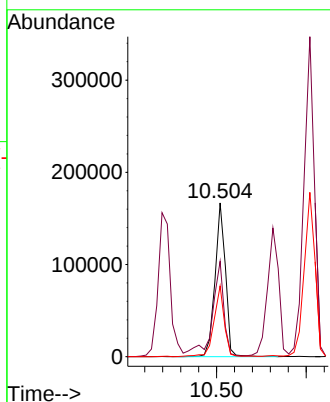
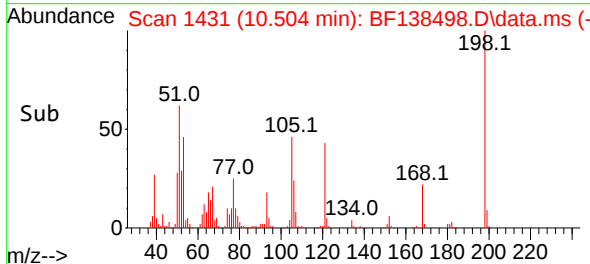
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion:198 Resp: 134385
Ion Ratio Lower Upper
198 100
51 62.0 27.2 67.2
105 46.0 18.5 58.5

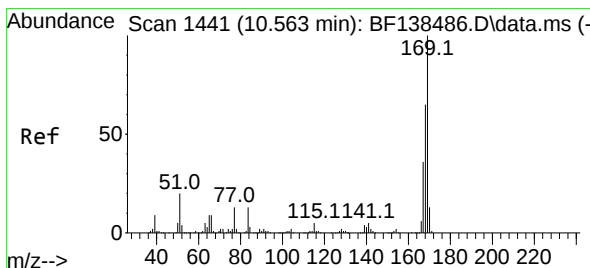
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

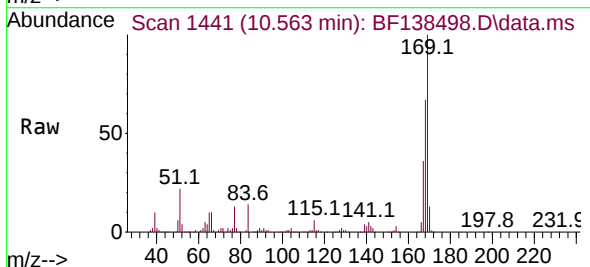


07/11/2024
Supervised By :mohammad
ahmed

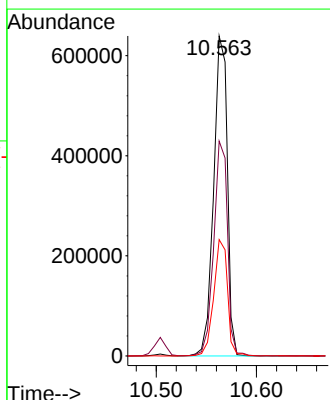
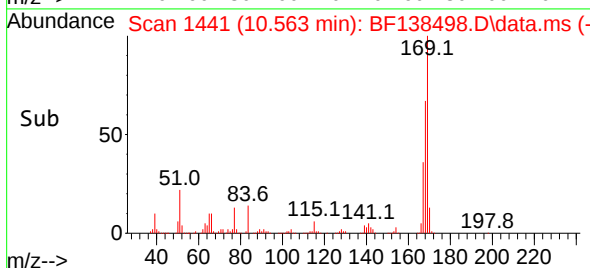
07/11/2024

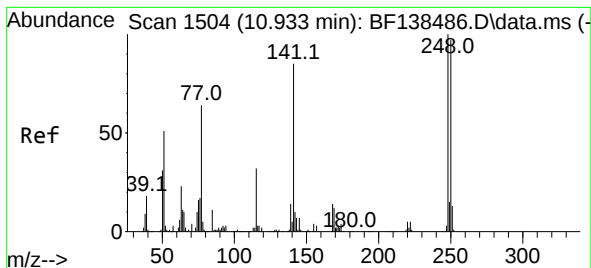


#66
n-Nitrosodiphenylamine
Concen: 46.579 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



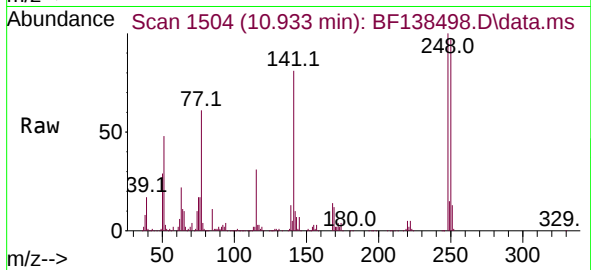
Tgt Ion:169 Resp: 605401
Ion Ratio Lower Upper
169 100
168 67.1 51.7 77.5
167 36.3 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 46.235 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

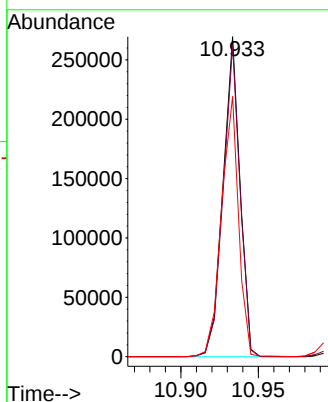
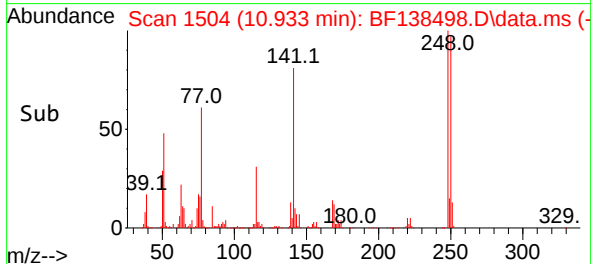
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion:248 Resp: 206152
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 81.3 67.7 101.5

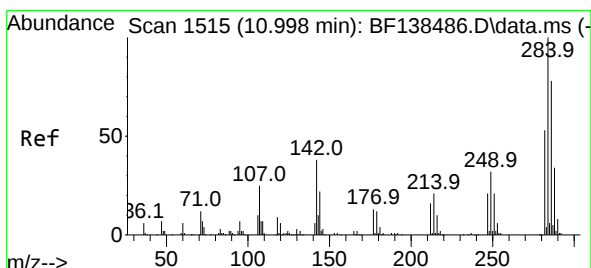
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

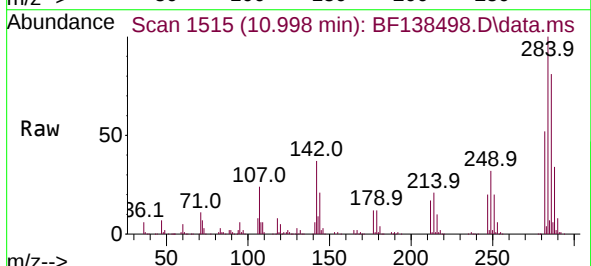


07/11/2024
Supervised By :mohammad
ahmed

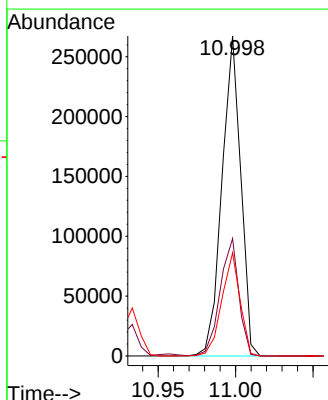
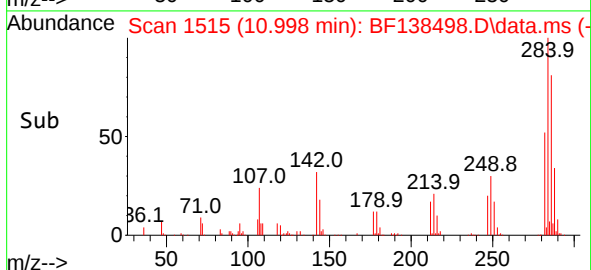
07/11/2024

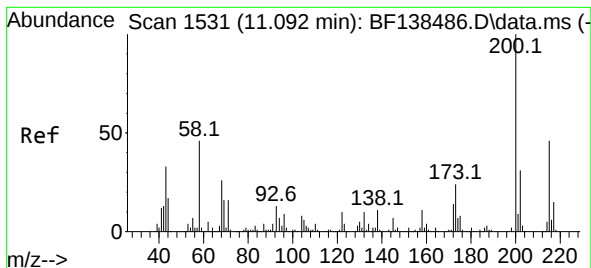


#68
Hexachlorobenzene
Concen: 45.399 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:284 Resp: 224880
Ion Ratio Lower Upper
284 100
142 36.7 30.5 45.7
249 32.3 25.9 38.9





#69

Atrazine

Concen: 49.501 ng

RT: 11.092 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

Tgt Ion:200 Resp: 213310

Ion Ratio Lower Upper

200 100

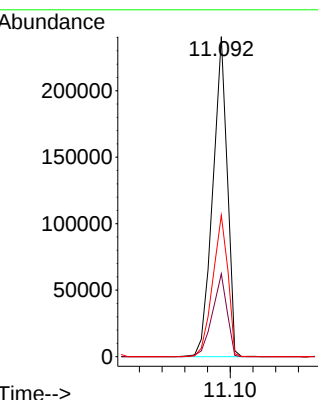
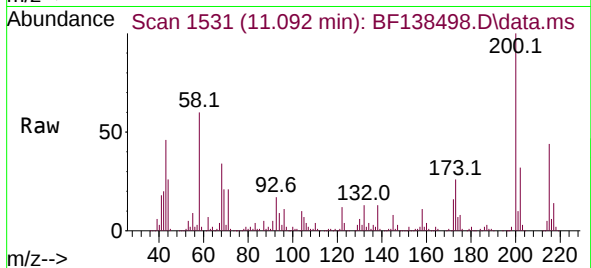
173 25.9 4.1 44.1

215 44.2 26.5 66.5

Manual Integrations

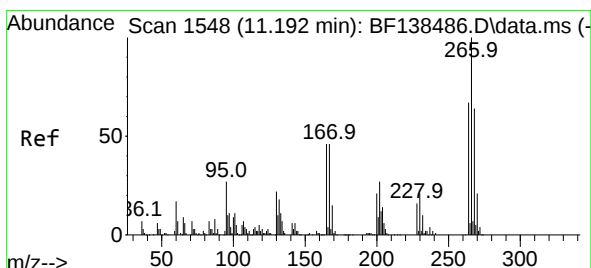
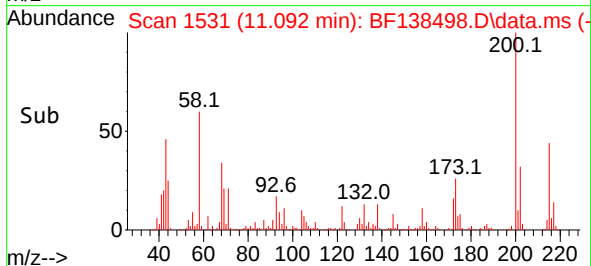
APPROVED

Reviewed By :Yogesh
Patel



07/11/2024
Supervised By :mohammad
ahmed

07/11/2024



#70

Pentachlorophenol

Concen: 89.301 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

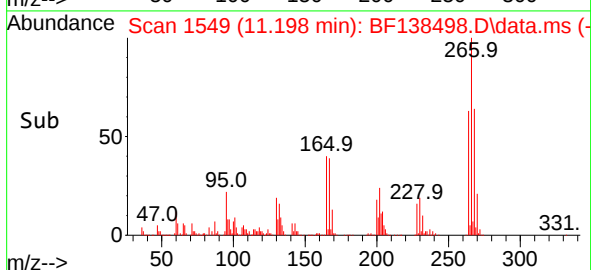
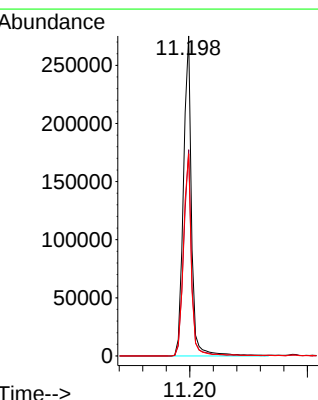
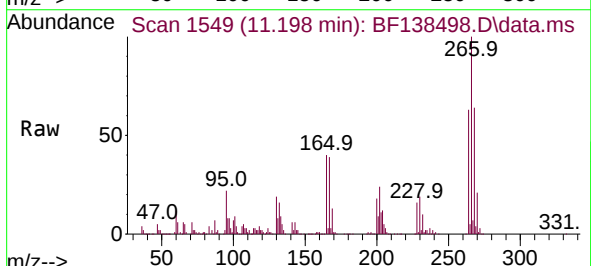
Tgt Ion:266 Resp: 261747

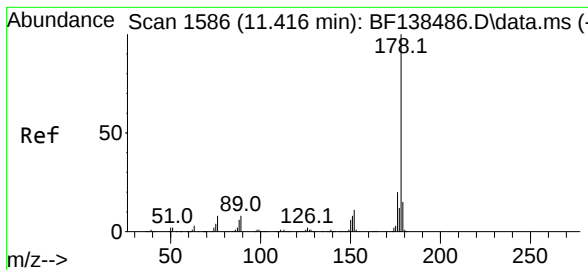
Ion Ratio Lower Upper

266 100

268 64.5 50.9 76.3

264 63.2 53.5 80.3





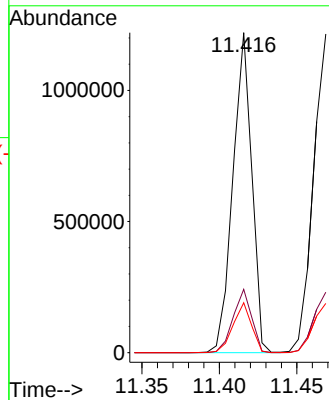
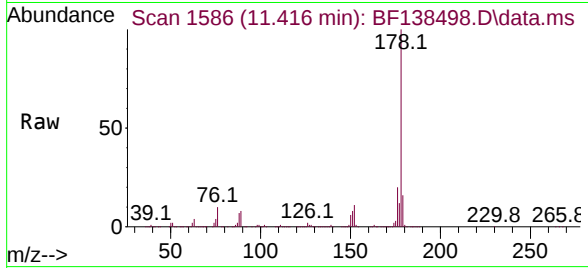
#71
Phenanthrene
Concen: 47.174 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :
BNA_F
ClientSampleId :
PB161976BS

Tgt Ion:178 Resp: 1033902
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.6 12.2 18.2

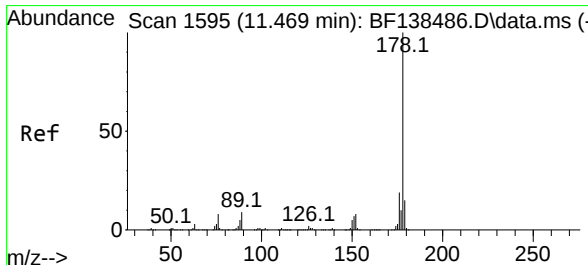
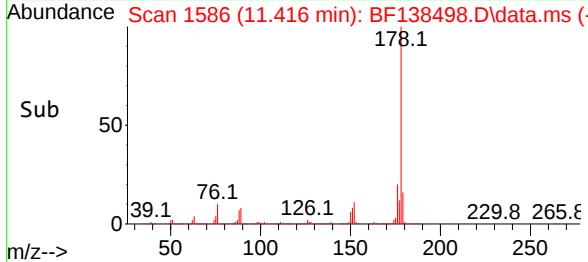
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



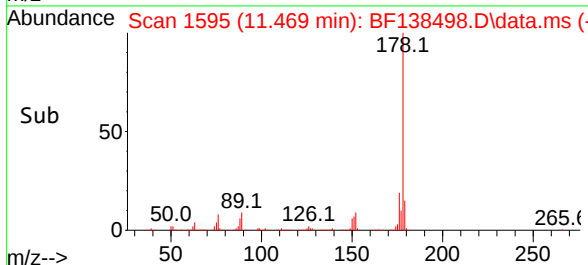
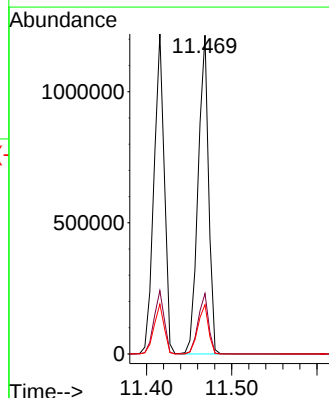
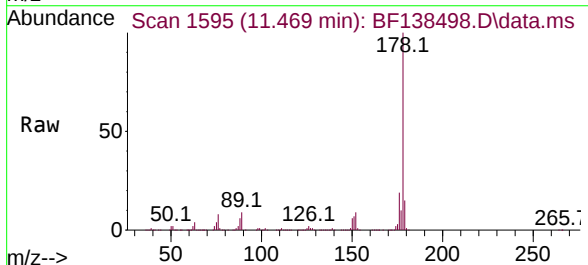
07/11/2024
Supervised By :mohammad
ahmed

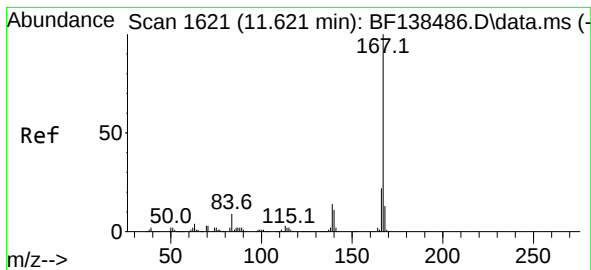
07/11/2024



#72
Anthracene
Concen: 47.670 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

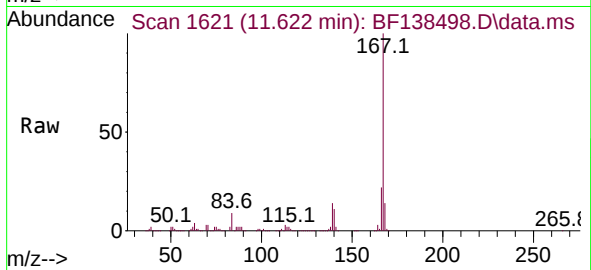
Tgt Ion:178 Resp: 1037095
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 47.108 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138498.D
 Acq: 10 Jul 2024 13:26

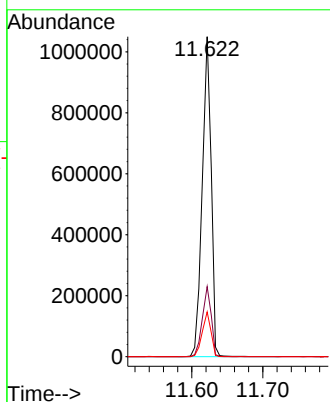
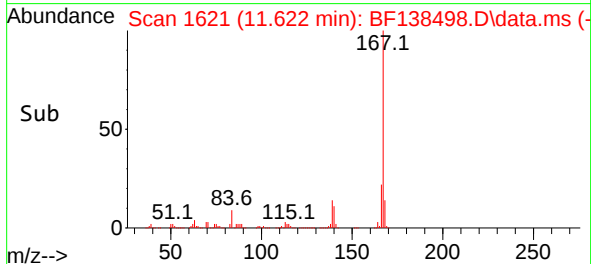
Instrument :
 BNA_F
 ClientSampleId :
 PB161976BS



Tgt Ion:167 Resp: 92102
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 14.0 11.0 16.4

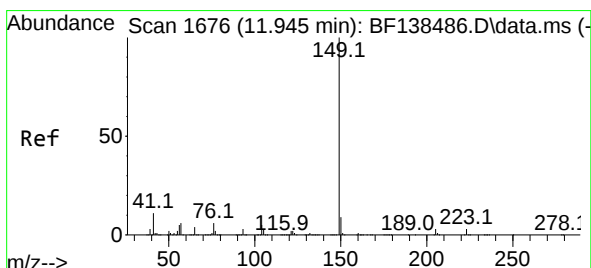
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

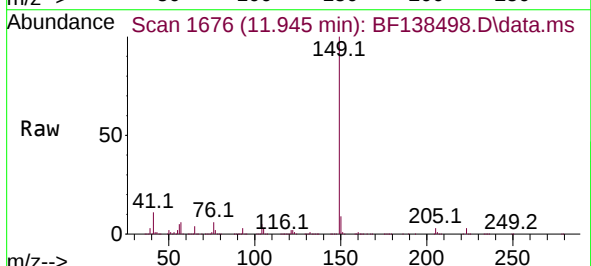


07/11/2024
 Supervised By :mohammad
 ahmed

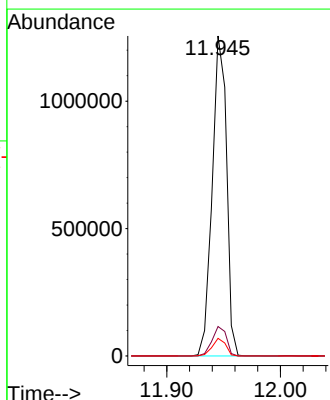
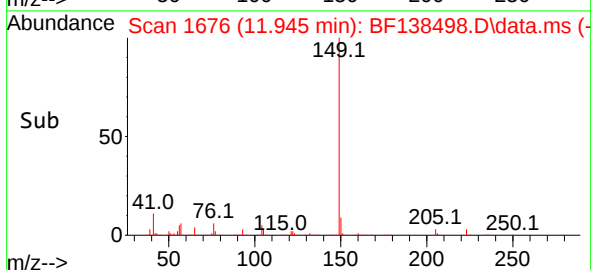
07/11/2024

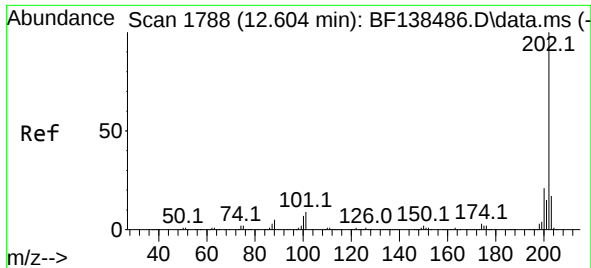


#74
 Di-n-butylphthalate
 Concen: 48.789 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138498.D
 Acq: 10 Jul 2024 13:26



Tgt Ion:149 Resp: 1099519
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.5 4.4 6.6





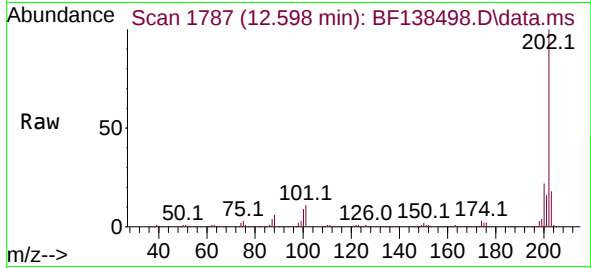
#75
 Fluoranthene
 Concen: 46.934 ng
 RT: 12.598 min Scan# 1787
 Delta R.T. -0.006 min
 Lab File: BF138498.D
 Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

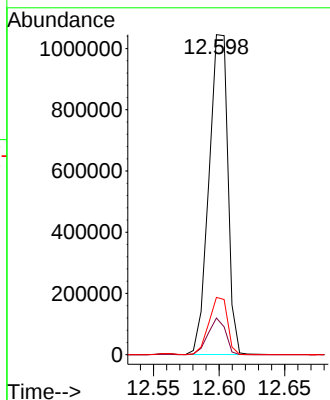
PB161976BS



Tgt Ion:202 Resp: 1049619
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 29.2
 203 17.9 0.0 37.3

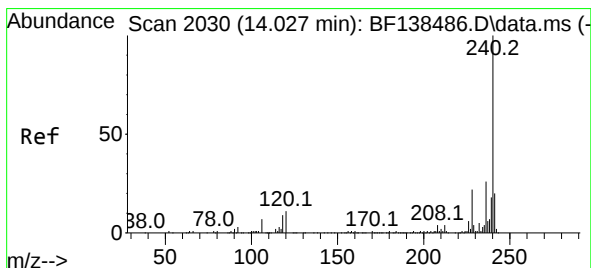
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



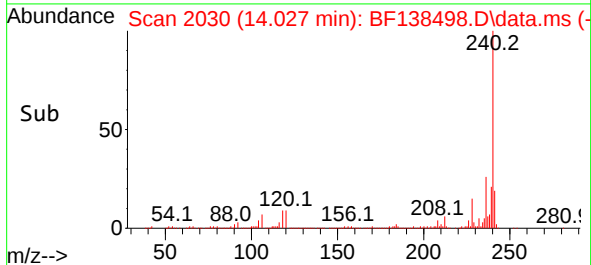
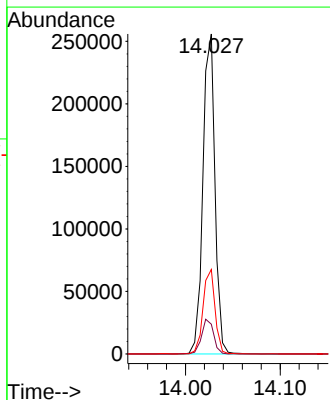
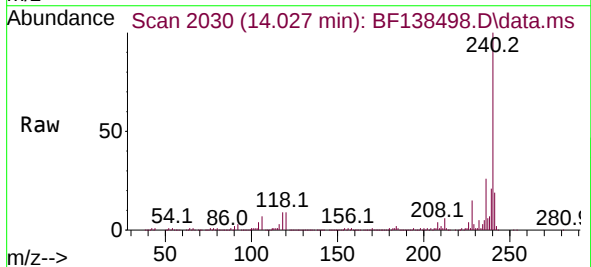
07/11/2024
 Supervised By :mohammad
 ahmed

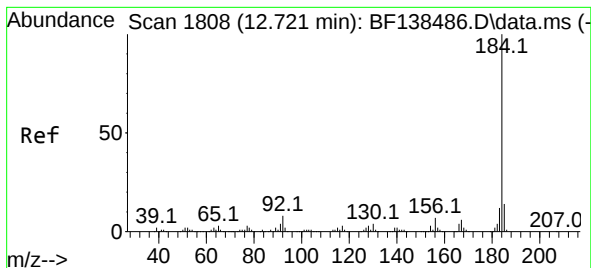
07/11/2024



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF138498.D
 Acq: 10 Jul 2024 13:26

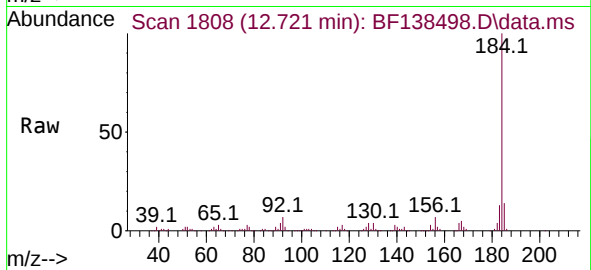
Tgt Ion:240 Resp: 225284
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.6 12.8
 236 26.4 21.0 31.6





#77
Benzidine
Concen: 28.702 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

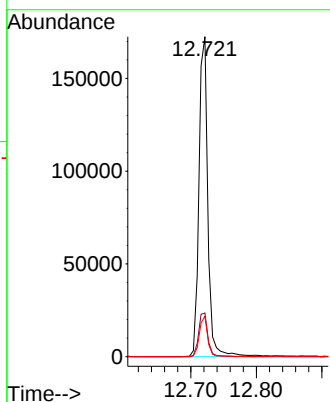
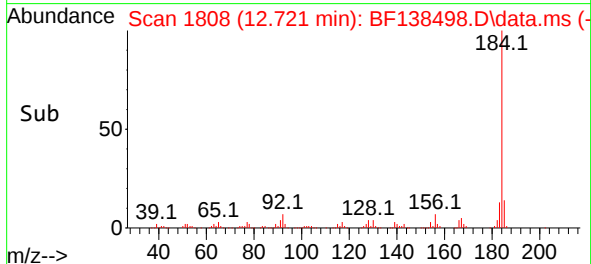
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion:184 Resp: 163130
Ion Ratio Lower Upper
184 100
185 13.6 11.3 16.9
183 12.6 9.5 14.3

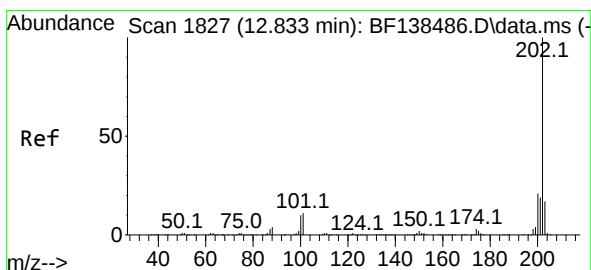
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



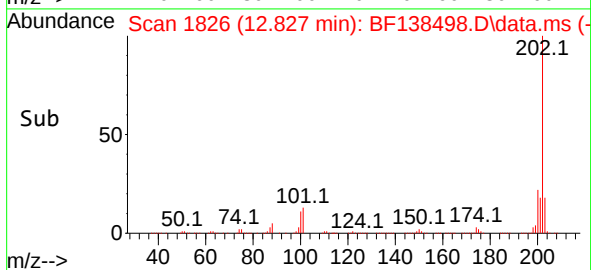
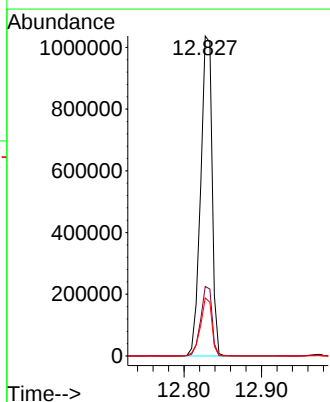
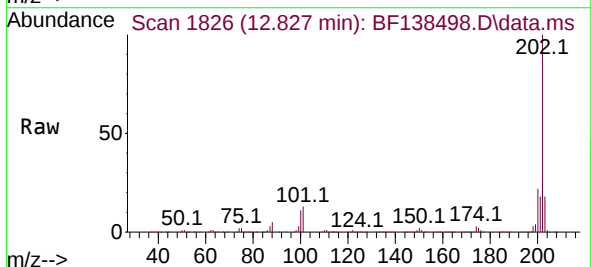
07/11/2024
Supervised By :mohammad
ahmed

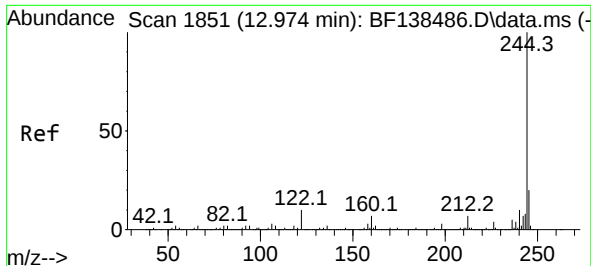
07/11/2024



#78
Pyrene
Concen: 46.500 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:202 Resp: 1063431
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 18.1 13.7 20.5





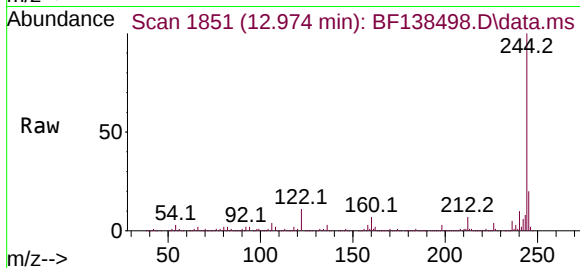
#79
 Terphenyl-d14
 Concen: 104.128 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF138498.D
 Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

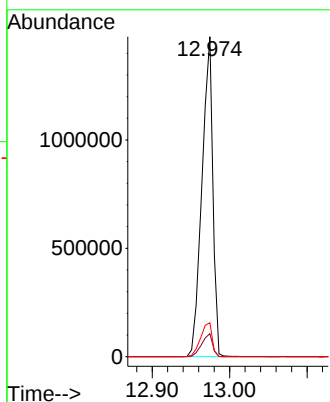
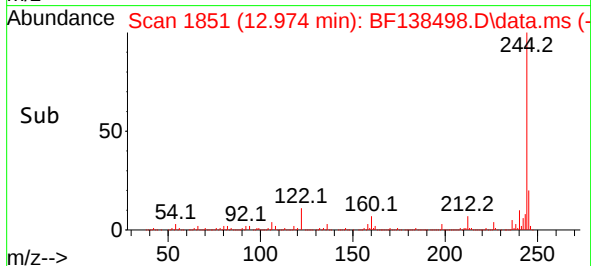
PB161976BS



Tgt Ion:244 Resp: 143993
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.6 7.8 11.8

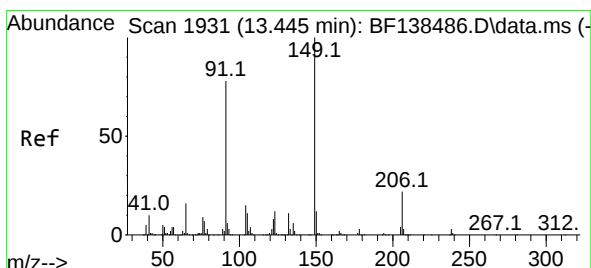
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

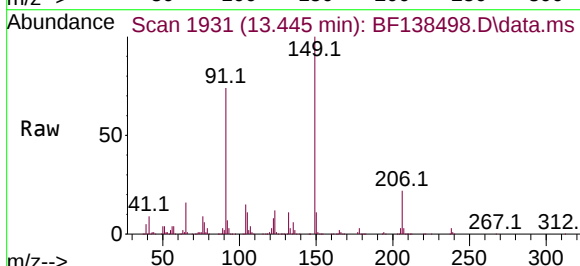


07/11/2024
 Supervised By :mohammad
 ahmed

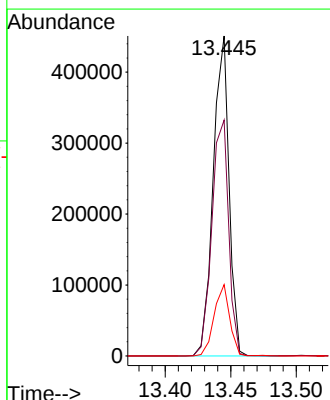
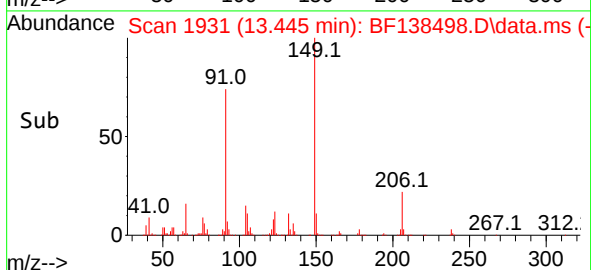
07/11/2024

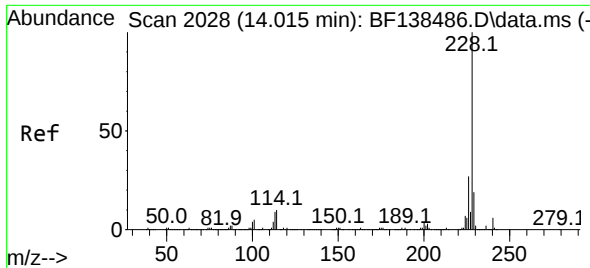


#80
 Butylbenzylphthalate
 Concen: 55.025 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138498.D
 Acq: 10 Jul 2024 13:26



Tgt Ion:149 Resp: 378548
 Ion Ratio Lower Upper
 149 100
 91 73.7 62.1 93.1
 206 22.3 18.0 27.0





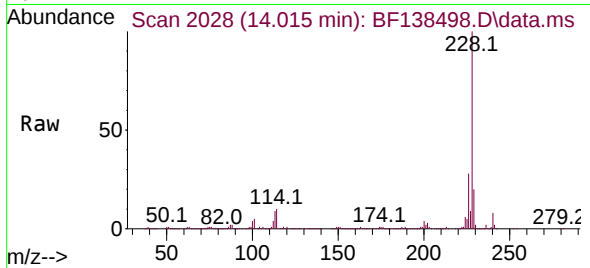
#81
Benzo(a)anthracene
Concen: 47.766 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

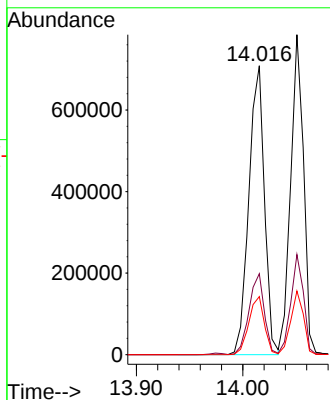
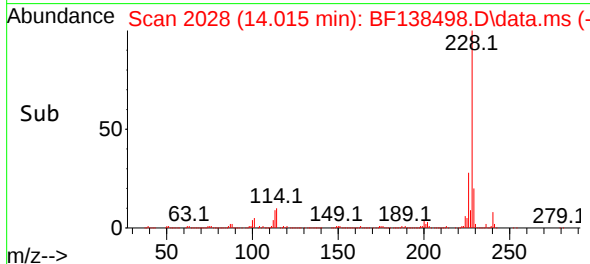
PB161976BS



Tgt Ion:228 Resp: 722059
Ion Ratio Lower Upper
228 100
226 28.0 21.9 32.9
229 20.1 15.5 23.3

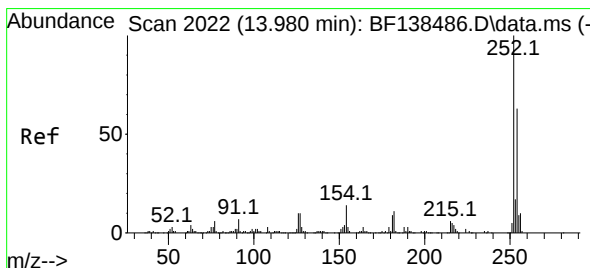
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

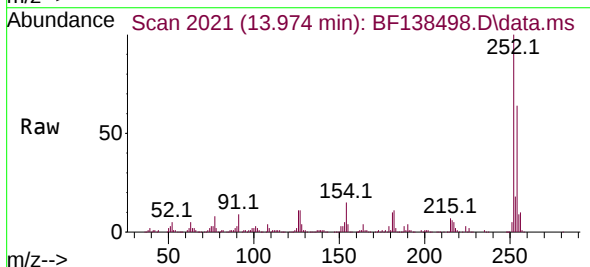


07/11/2024
Supervised By :mohammad
ahmed

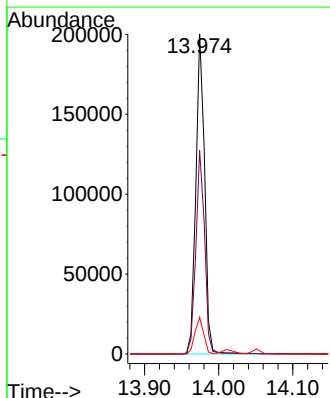
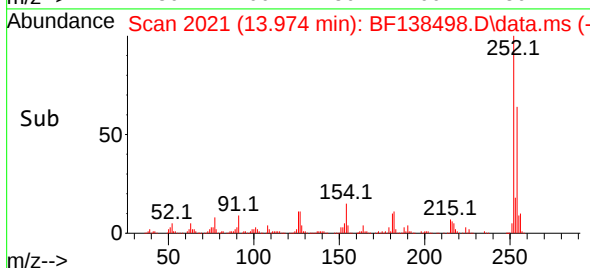
07/11/2024

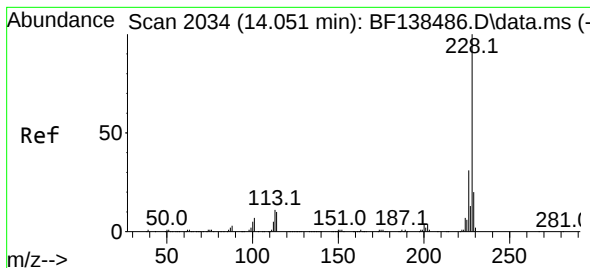


#82
3,3'-Dichlorobenzidine
Concen: 42.033 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:252 Resp: 163724
Ion Ratio Lower Upper
252 100
254 63.6 50.3 75.5
126 11.5 8.1 12.1





#83

Chrysene

Concen: 46.390 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

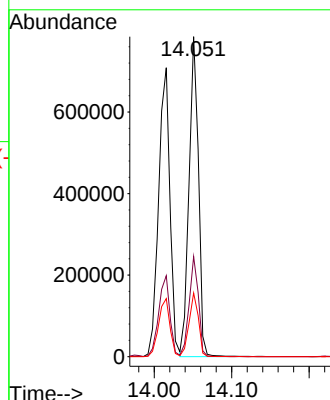
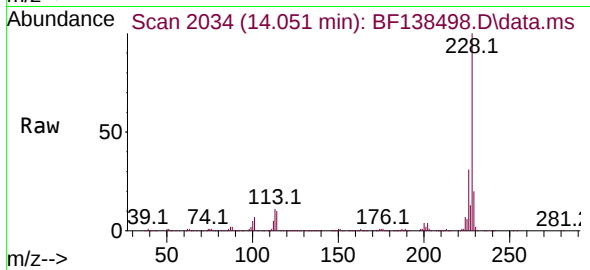
PB161976BS

Tgt Ion:228 Resp: 66338

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	19.9	16.0	24.0

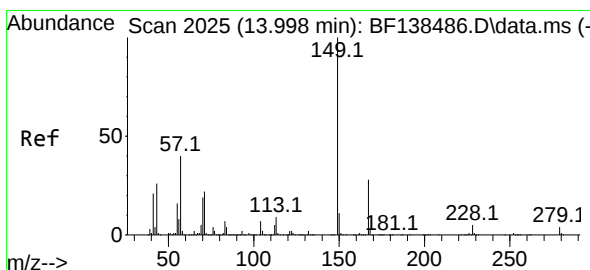
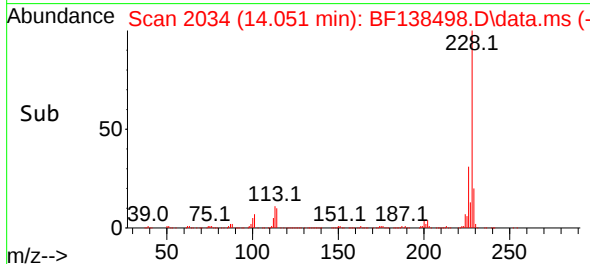
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



07/11/2024
Supervised By :mohammad
ahmed

07/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.409 ng

RT: 13.998 min Scan# 2025

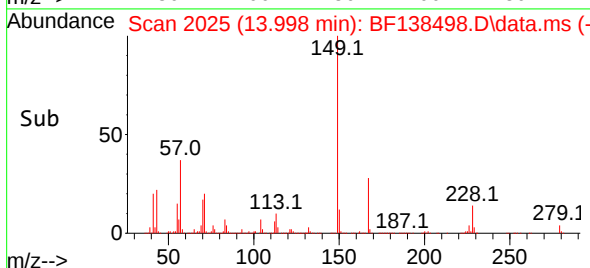
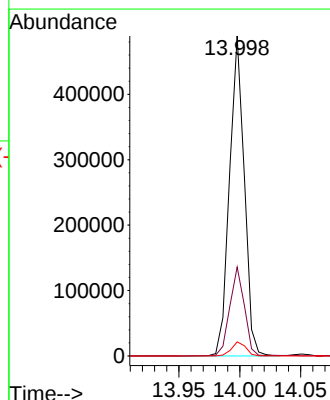
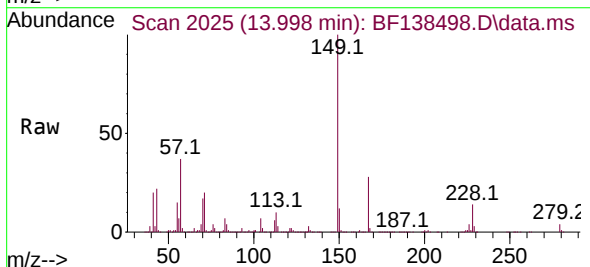
Delta R.T. 0.000 min

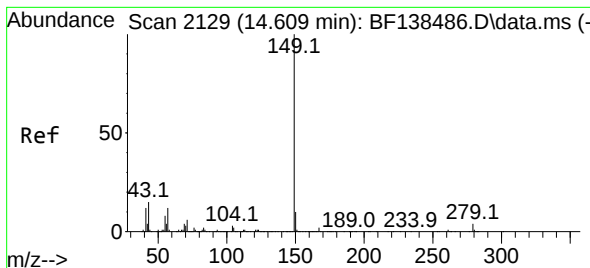
Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Tgt Ion:149 Resp: 413883

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	4.4	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 46.388 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

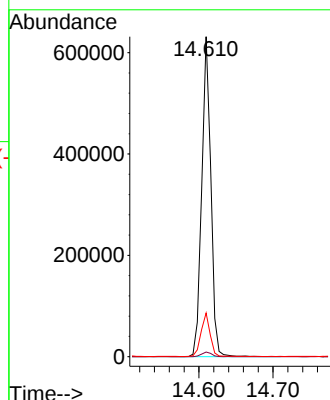
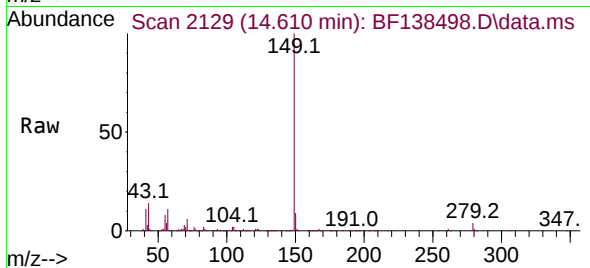
ClientSampleId :

PB161976BS

Tgt Ion:149 Resp: 53767
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 10.7 16.1

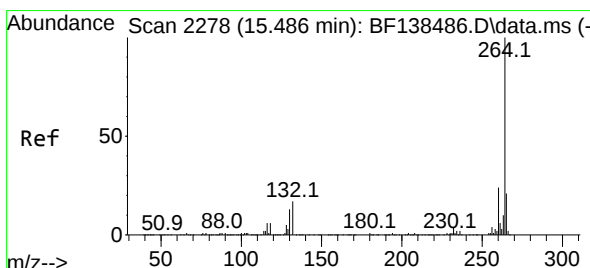
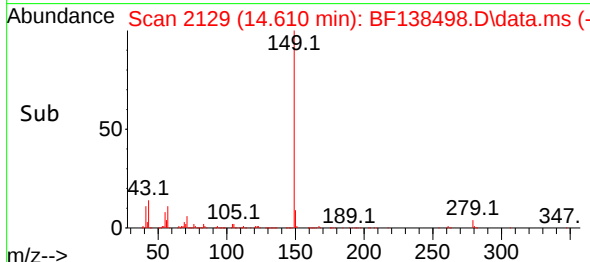
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



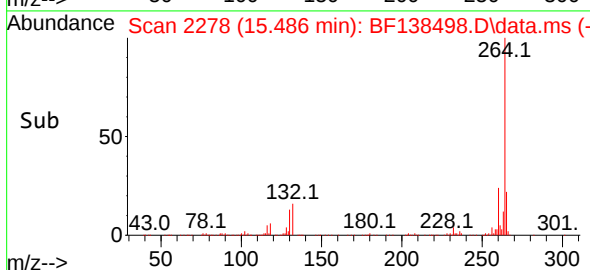
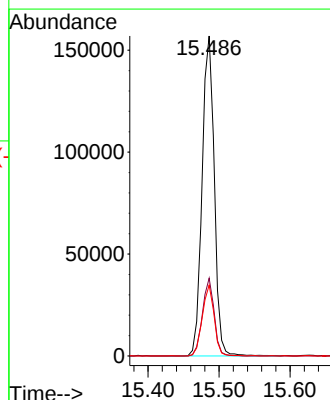
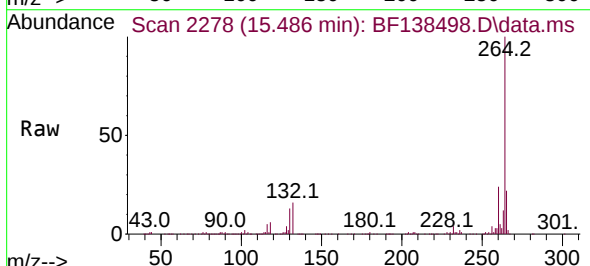
07/11/2024
Supervised By :mohammad
ahmed

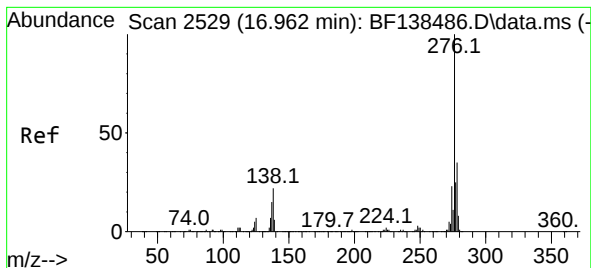
07/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:264 Resp: 188097
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 22.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.919 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

PB161976BS

Tgt Ion:276 Resp: 668604

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

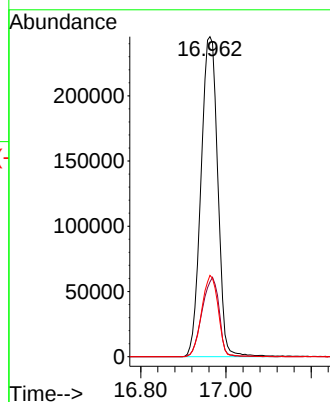
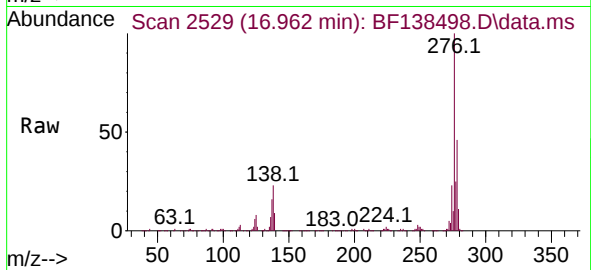
277 25.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh

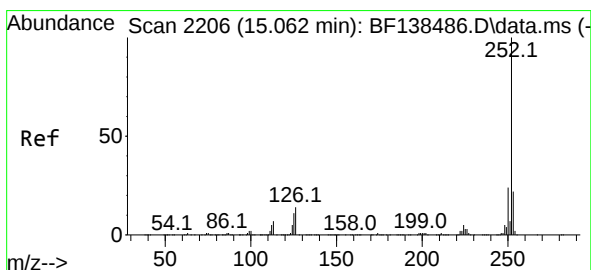
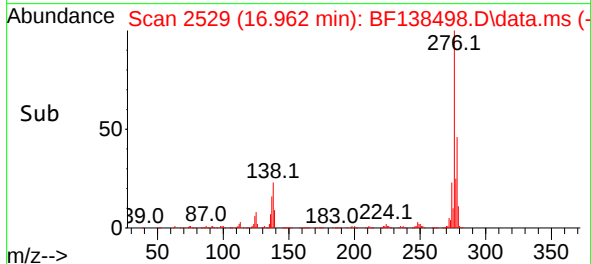
Patel



07/11/2024

Supervised By :mohammad
ahmed

07/11/2024



#88

Benzo(b)fluoranthene

Concen: 51.125 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138498.D

Acq: 10 Jul 2024 13:26

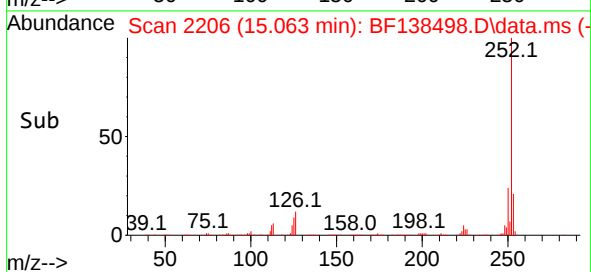
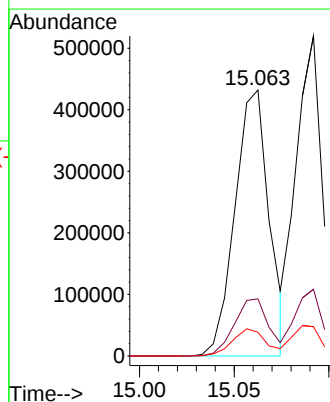
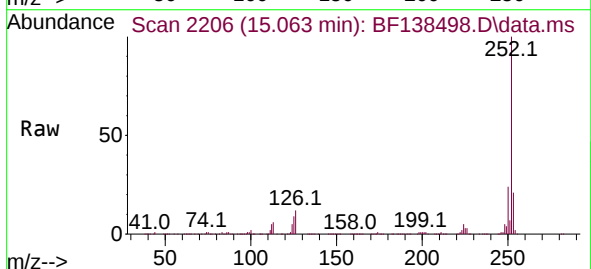
Tgt Ion:252 Resp: 541573

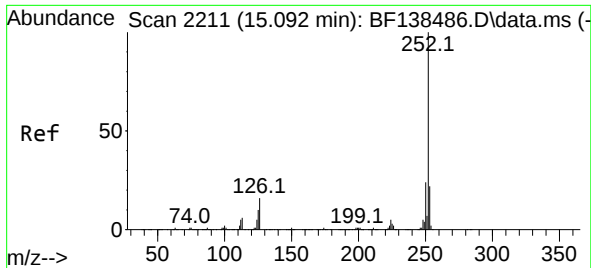
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

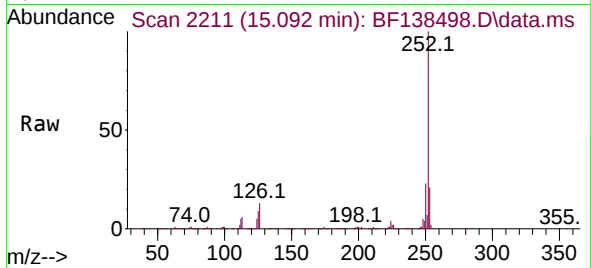
125 8.9 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 49.021 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

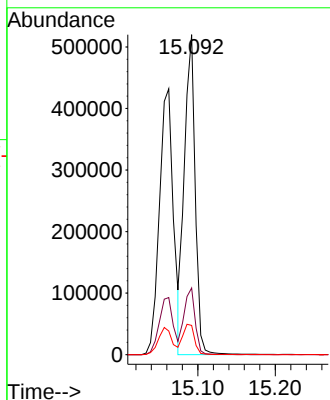
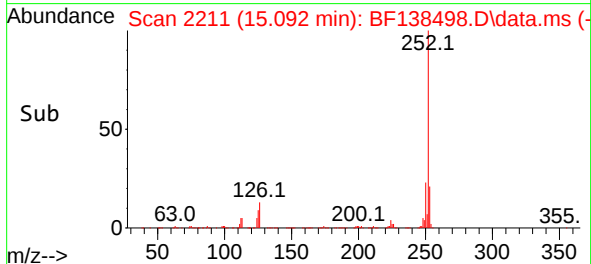
Instrument :
BNA_F
ClientSampleId :
PB161976BS



Tgt Ion:252 Resp: 50644
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 9.2 8.1 12.1

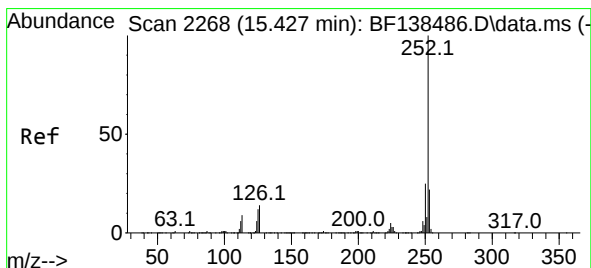
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



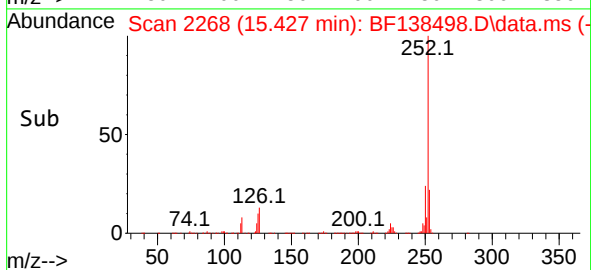
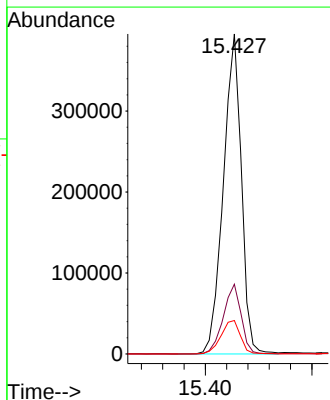
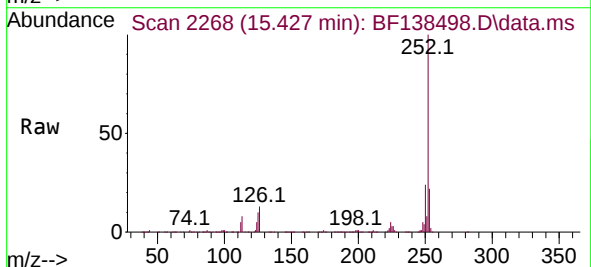
07/11/2024
Supervised By :mohammad
ahmed

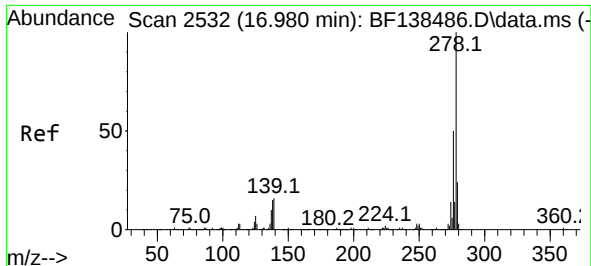
07/11/2024



#90
Benzo(a)pyrene
Concen: 49.827 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Tgt Ion:252 Resp: 463665
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.4 9.4 14.2





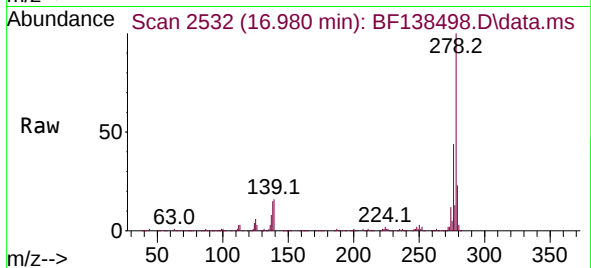
#91
Dibenzo(a,h)anthracene
Concen: 53.299 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26

Instrument :

BNA_F

ClientSampleId :

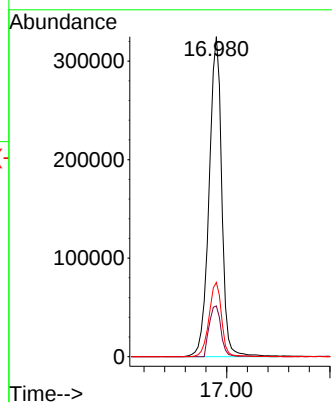
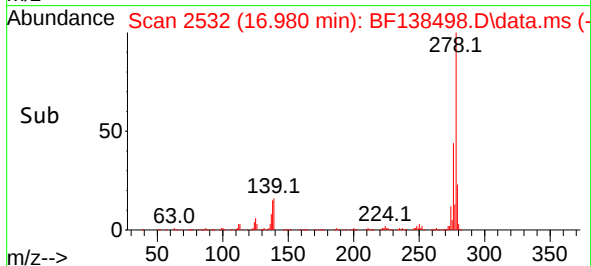
PB161976BS



Tgt Ion:278 Resp: 55085
Ion Ratio Lower Upper
278 100
139 15.9 12.8 19.2
279 23.2 19.1 28.7

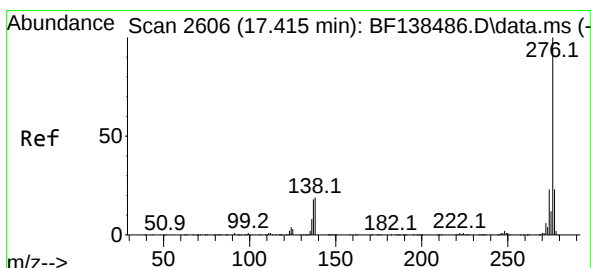
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

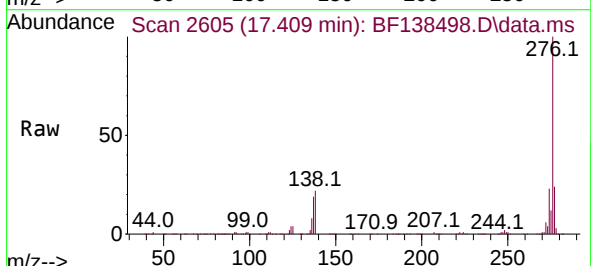


07/11/2024
Supervised By :mohammad
ahmed

07/11/2024



#92
Benzo(g,h,i)perylene
Concen: 51.089 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF138498.D
Acq: 10 Jul 2024 13:26



Tgt Ion:276 Resp: 559905
Ion Ratio Lower Upper
276 100
277 23.9 18.0 27.0
138 22.4 15.5 23.3

