

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138625.D
 Acq On : 23 Jul 2024 18:35
 Operator : RC/JU
 Sample : P3302-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-290MS

Quant Time: Jul 24 01:14:26 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
 ahmed
 07/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	78868	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	318489	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	167760	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	234025	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	128322	20.000	ng	-0.02
86) Perylene-d12	15.468	264	123413	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	542031	108.846	ng	0.00
7) Phenol-d6	6.498	99	745870	112.591	ng	0.00
23) Nitrobenzene-d5	7.422	82	480592	74.087	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	156129	99.579	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	807125	75.194	ng	-0.02
79) Terphenyl-d14	12.957	244	530135	67.304	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	97733	44.313	ng	97
3) Pyridine	3.463	79	258730	47.569	ng	97
4) n-Nitrosodimethylamine	3.428	42	186829	52.767	ng	93
6) Aniline	6.516	93	170845	27.534	ng	# 1
8) 2-Chlorophenol	6.645	128	291380	55.336	ng	99
9) Benzaldehyde	6.404	77	24871	7.014	ng	96
10) Phenol	6.510	94	372705	53.004	ng	95
11) bis(2-Chloroethyl)ether	6.592	93	282111	53.287	ng	99
12) 1,3-Dichlorobenzene	6.792	146	295771	49.971	ng	97
13) 1,4-Dichlorobenzene	6.875	146	299101	49.763	ng	99
14) 1,2-Dichlorobenzene	7.022	146	287713	51.396	ng	97
15) Benzyl Alcohol	6.998	79	279125	56.144	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	503209	48.334	ng	78
17) 2-Methylphenol	7.116	107	226948	52.589	ng	# 90
18) Hexachloroethane	7.363	117	114170	51.670	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	219044	53.512	ng	95
20) 3+4-Methylphenols	7.269	107	292480	53.821	ng	90
22) Acetophenone	7.263	105	371471	48.023	ng	99
24) Nitrobenzene	7.439	77	333877	50.648	ng	98
25) Isophorone	7.681	82	593834	53.307	ng	99
26) 2-Nitrophenol	7.757	139	152419	53.947	ng	96
27) 2,4-Dimethylphenol	7.792	122	199151m	57.350	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	355142	53.344	ng	97
29) 2,4-Dichlorophenol	7.998	162	228838	50.747	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	249848	47.561	ng	98
31) Naphthalene	8.157	128	832334	50.250	ng	99
32) Benzoic acid	7.933	122	135060	40.779	ng	95
33) 4-Chloroaniline	8.210	127	62210	10.704	ng	98
34) Hexachlorobutadiene	8.269	225	146079	45.158	ng	99
35) Caprolactam	8.586	113	69385m	47.683	ng	
36) 4-Chloro-3-methylphenol	8.698	107	261735	51.845	ng	98
37) 2-Methylnaphthalene	8.851	142	520376	48.819	ng	99
38) 1-Methylnaphthalene	8.951	142	481950	46.328	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	219532	46.953	ng	99
41) Hexachlorocyclopentadiene	8.998	237	153901	101.410	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	149361	50.080	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	153779	46.879	ng	95
46) 1,1'-Biphenyl	9.316	154	614624	48.344	ng	99
47) 2-Chloronaphthalene	9.339	162	472642	49.210	ng	98
48) 2-Nitroaniline	9.439	65	175308	52.672	ng	97
49) Acenaphthylene	9.757	152	747129	54.790	ng	100
50) Dimethylphthalate	9.616	163	575518	53.054	ng	99
51) 2,6-Dinitrotoluene	9.680	165	124062	49.672	ng	90
52) Acenaphthene	9.927	154	468438	51.679	ng	99
53) 3-Nitroaniline	9.845	138	71654	27.991	ng	89
54) 2,4-Dinitrophenol	9.957	184	100297	75.125	ng	94
55) Dibenzofuran	10.098	168	653357	49.695	ng	99
56) 4-Nitrophenol	10.022	139	151484	80.199	ng	99
57) 2,4-Dinitrotoluene	10.086	165	157230	48.654	ng	94
58) Fluorene	10.439	166	505047	48.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	117369	45.336	ng	97
60) Diethylphthalate	10.310	149	538042	51.450	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	246622	47.211	ng	92
62) 4-Nitroaniline	10.463	138	107195	41.788	ng	99
63) Azobenzene	10.592	77	574131	51.064	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	77071	57.035	ng	83
66) n-Nitrosodiphenylamine	10.551	169	432629	61.702	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	140862	58.562	ng	99
68) Hexachlorobenzene	10.986	284	146157	54.696	ng	96
69) Atrazine	11.074	200	124331	53.484	ng	98
70) Pentachlorophenol	11.180	266	130067	82.259	ng	98
71) Phenanthrene	11.398	178	637962	53.959	ng	99
72) Anthracene	11.451	178	632384	53.882	ng	99
73) Carbazole	11.610	167	494706	46.904	ng	99
74) Di-n-butylphthalate	11.933	149	706960	58.151	ng	99
75) Fluoranthene	12.586	202	501851	41.598	ng	98
77) Benzidine	12.710	184	103073	31.837	ng	99
78) Pyrene	12.816	202	497822	38.216	ng	100
80) Butylbenzylphthalate	13.427	149	221257	56.463	ng	95
81) Benzo(a)anthracene	13.998	228	470848	54.684	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	77576	34.965	ng	# 97
83) Chrysene	14.039	228	416045	51.077	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	295540	70.716	ng	98
85) Di-n-octyl phthalate	14.598	149	532544	80.662	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	274952	33.168	ng	99
88) Benzo(b)fluoranthene	15.045	252	453078	65.189	ng	100
89) Benzo(k)fluoranthene	15.074	252	386930	57.082	ng	99
90) Benzo(a)pyrene	15.409	252	346563	56.762	ng	100
91) Dibenzo(a,h)anthracene	16.951	278	222041	32.744	ng	99
92) Benzo(g,h,i)perylene	17.374	276	205760	28.615	ng	98

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



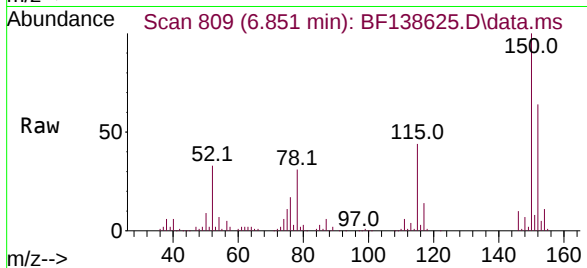
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

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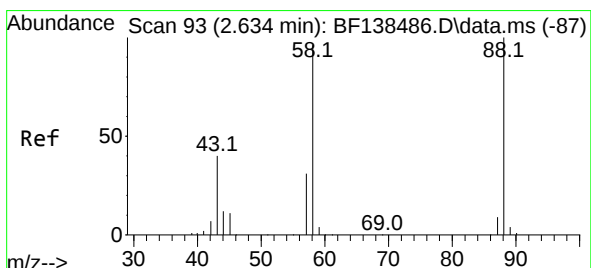
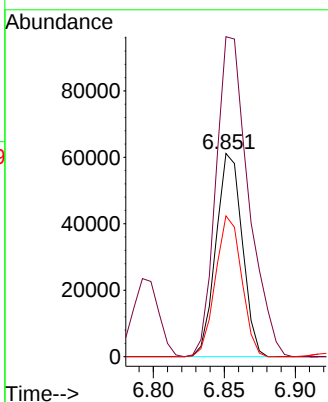
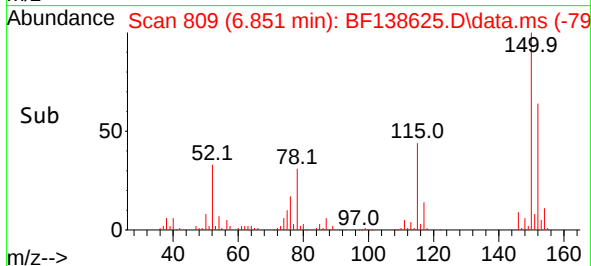


Tgt Ion:152 Resp: 7886
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.4
115 69.3 50.3 75.5

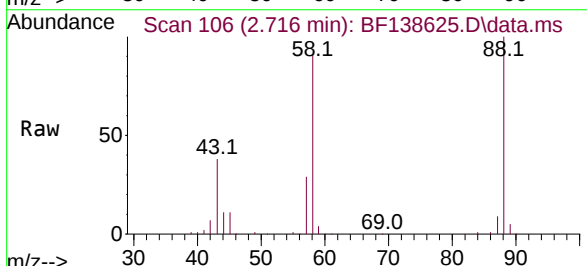
Manual Integrations
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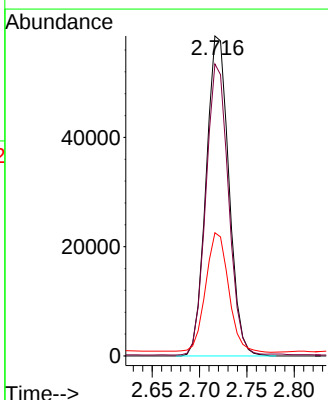
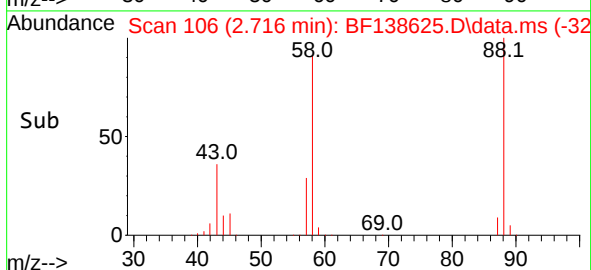
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ahmed
07/25/2024

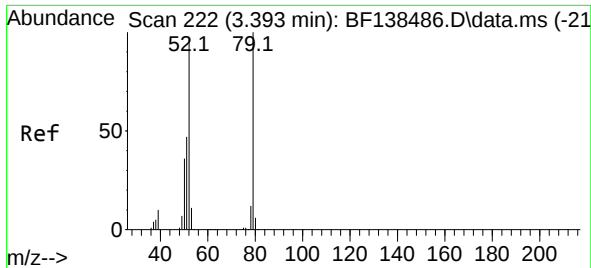


#2
1,4-Dioxane
Concen: 44.313 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.082 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35



Tgt Ion: 88 Resp: 97733
Ion Ratio Lower Upper
88 100
58 90.3 74.6 112.0
43 38.0 31.8 47.6





#3

Pyridine

Concen: 47.569 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion: 79 Resp: 258730

Ion Ratio Lower Upper

79 100

52 92.4 77.4 116.2

51 46.4 37.4 56.0

Manual Integrations

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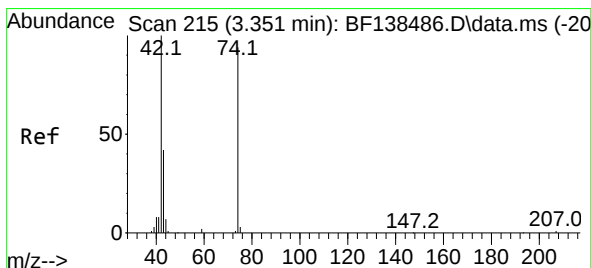
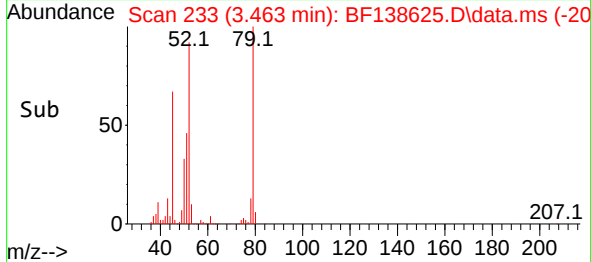
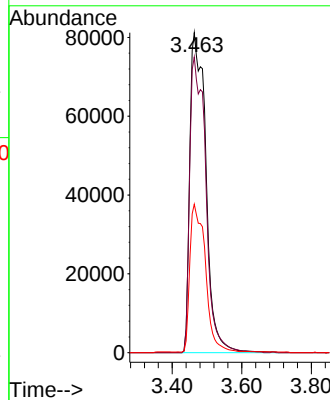
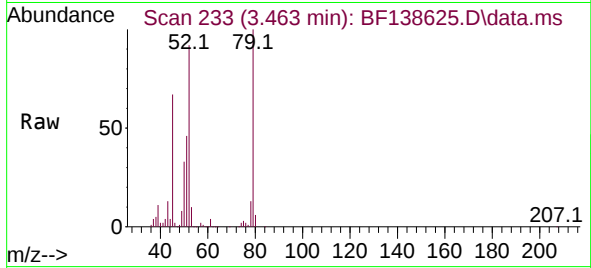
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ahmed

07/25/2024



#4

n-Nitrosodimethylamine

Concen: 52.767 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.077 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

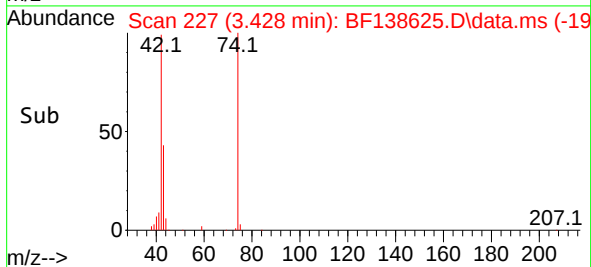
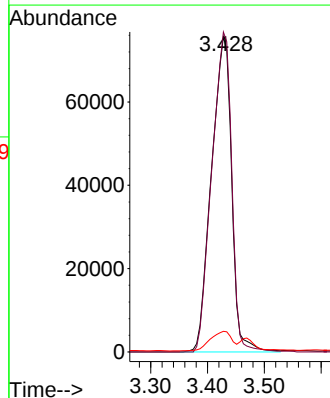
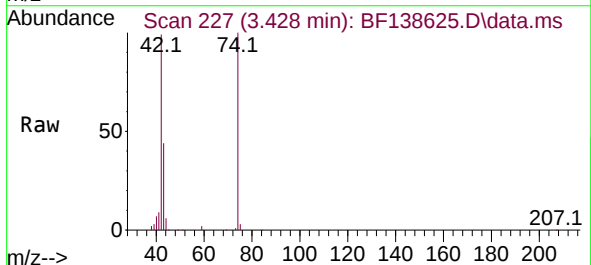
Tgt Ion: 42 Resp: 186829

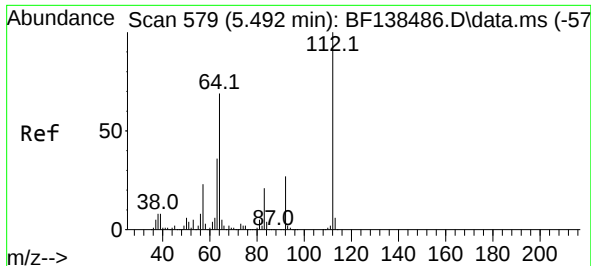
Ion Ratio Lower Upper

42 100

74 101.5 75.0 112.6

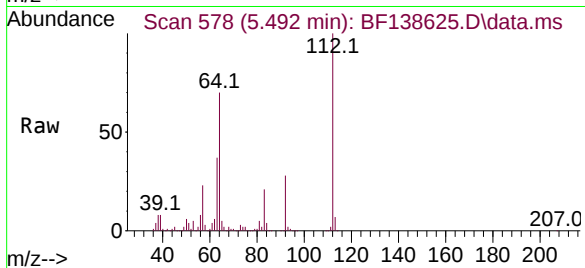
44 6.6 5.4 8.2





#5
2-Fluorophenol
Concen: 108.846 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

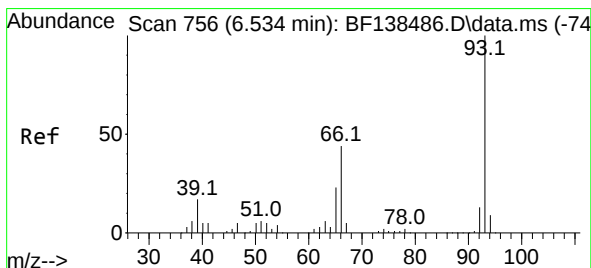
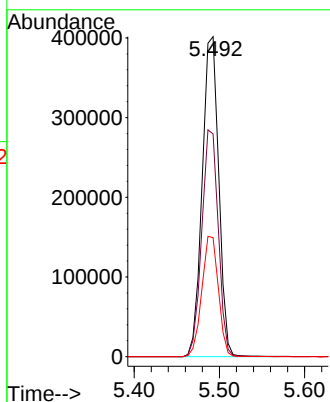


Tgt Ion:112 Resp: 54203
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 37.2 29.0 43.6

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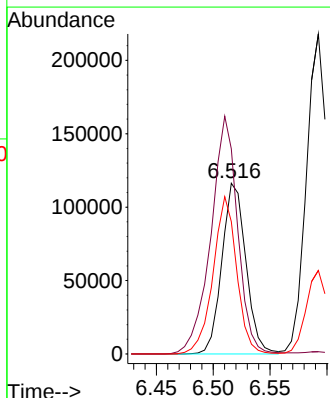
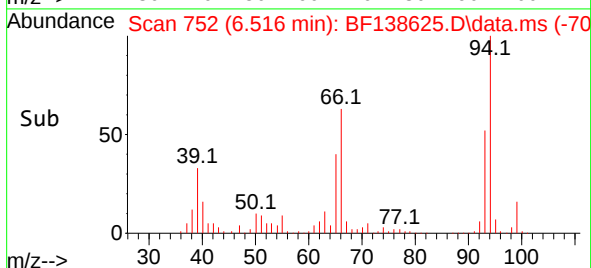
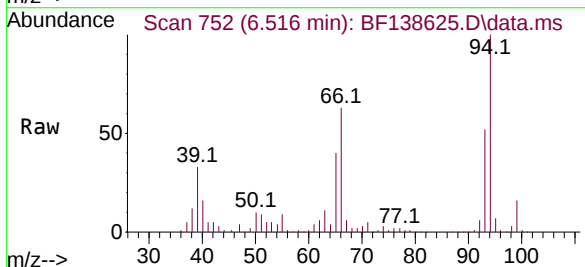
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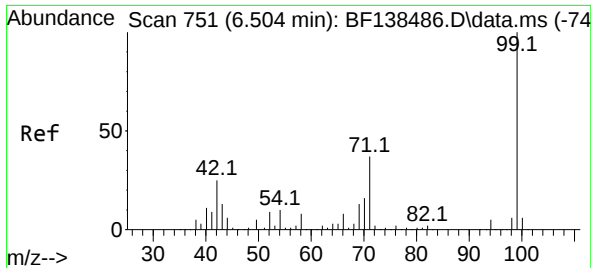
Supervised By :mohammad
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07/25/2024



#6
Aniline
Concen: 27.534 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

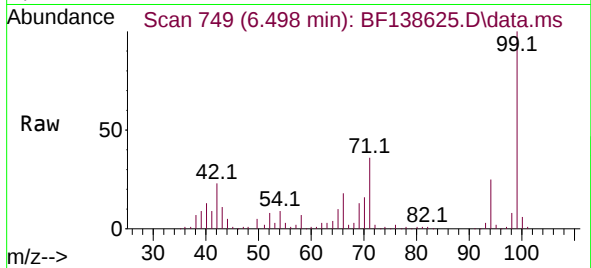
Tgt Ion: 93 Resp: 170845
Ion Ratio Lower Upper
93 100
66 120.1 35.4 53.0#
65 77.4 18.6 27.8#





#7
Phenol-d6
Concen: 112.591 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

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285-290MS

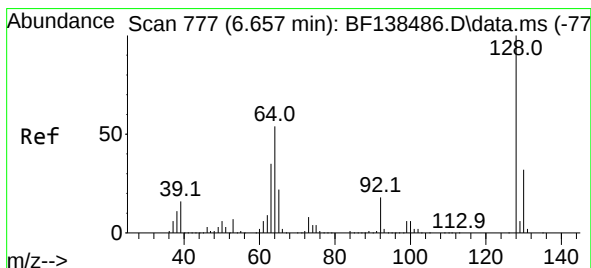
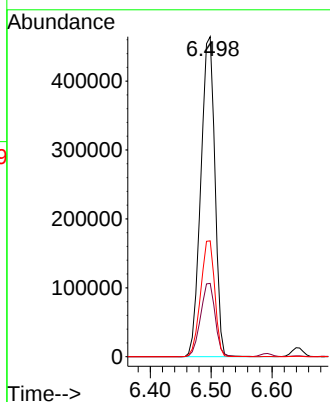


Tgt Ion: 99 Resp: 745870
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.2 29.9 44.9

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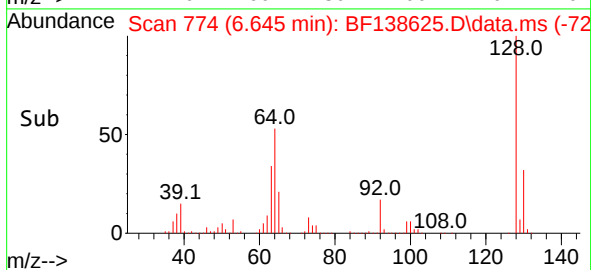
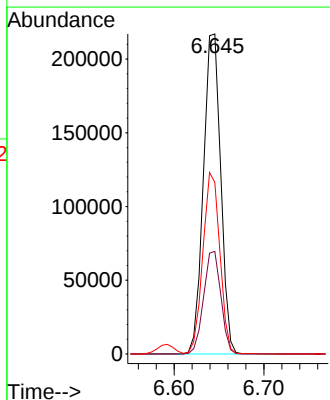
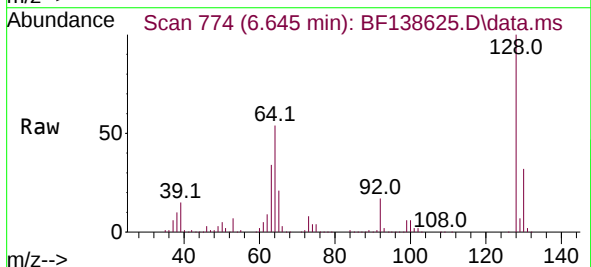
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Supervised By :mohammad
ahmed
07/25/2024



#8
2-Chlorophenol
Concen: 55.336 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:128 Resp: 291380
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 53.6 34.4 74.4





#9
Benzaldehyde
Concen: 7.014 ng
RT: 6.404 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

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285-290MS

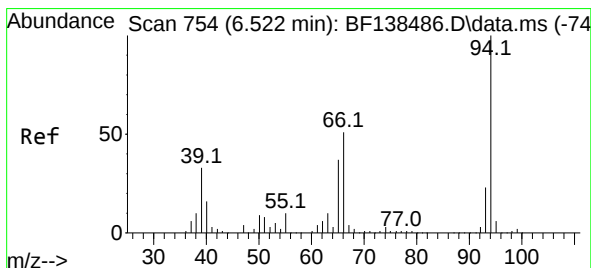
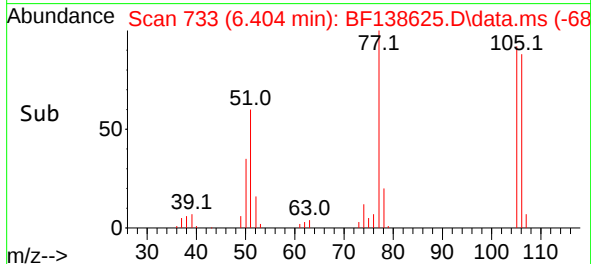
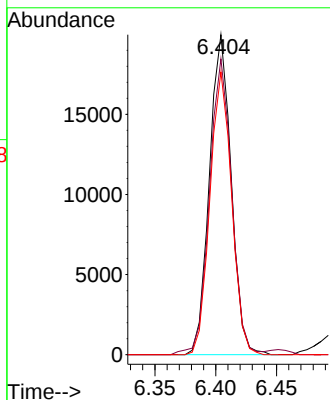
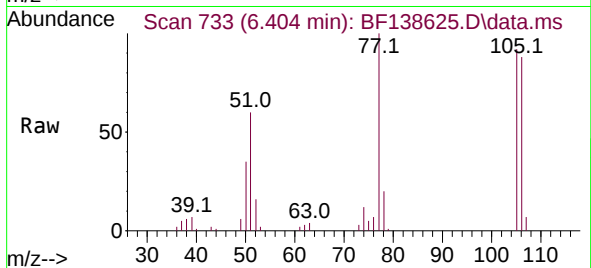
Tgt Ion: 77 Resp: 2487
Ion Ratio Lower Upper
77 100
105 92.5 75.1 115.1
106 88.3 73.2 113.2

Manual Integrations

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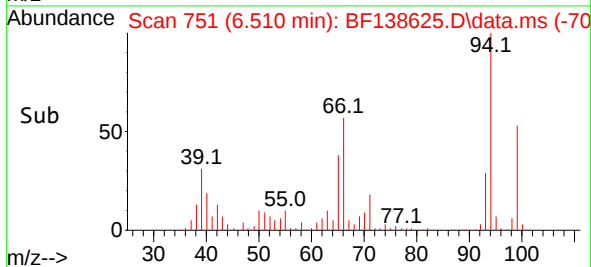
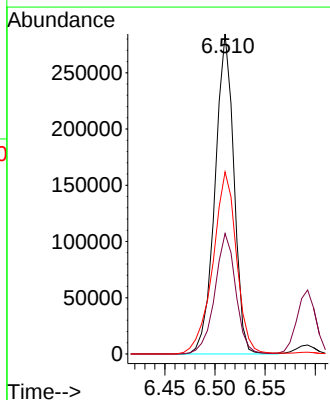
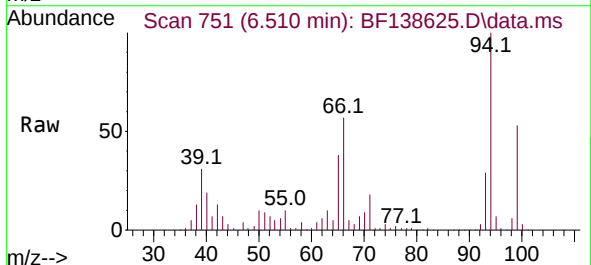
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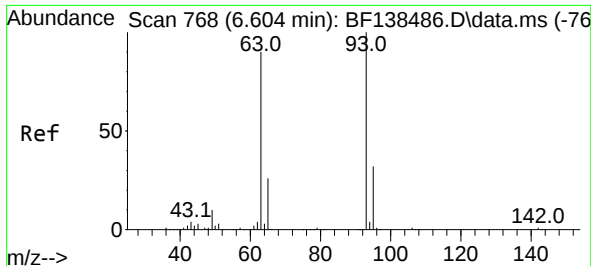
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ahmed
07/25/2024



#10
Phenol
Concen: 53.004 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion: 94 Resp: 372705
Ion Ratio Lower Upper
94 100
65 37.6 16.7 56.7
66 56.9 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 53.287 ng
RT: 6.592 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

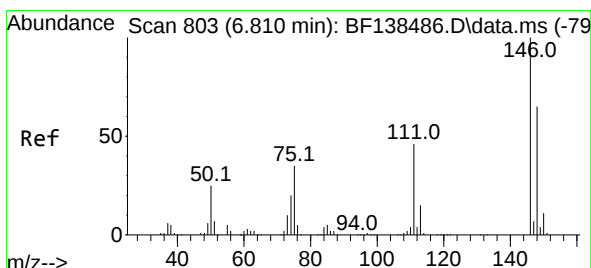
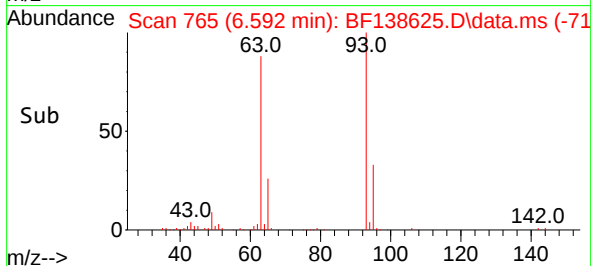
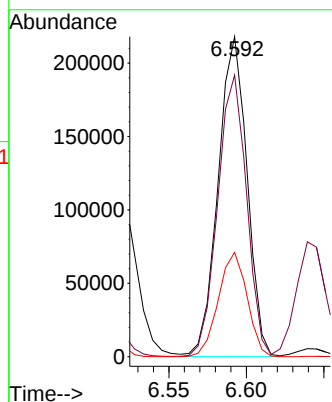
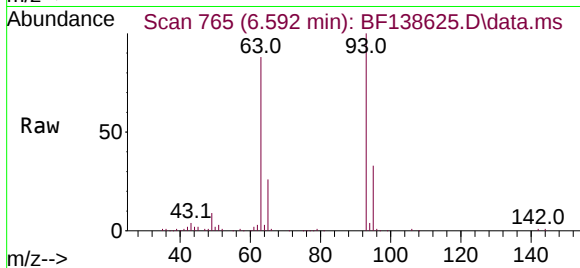
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion: 93 Resp: 28211
Ion Ratio Lower Upper
93 100
63 88.0 68.8 108.8
95 32.6 11.8 51.8

Manual Integrations
APPROVED

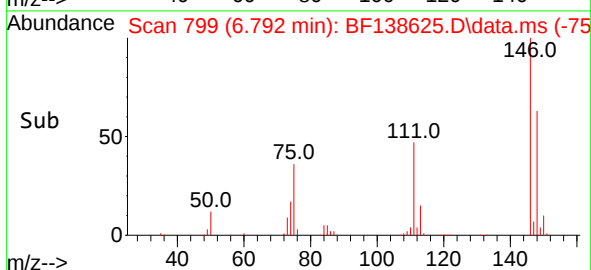
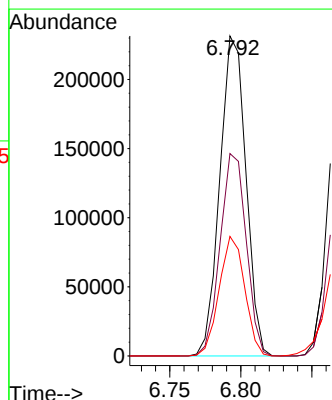
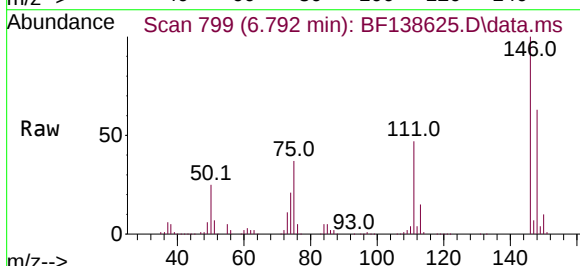
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
ahmed
07/25/2024



#12
1,3-Dichlorobenzene
Concen: 49.971 ng
RT: 6.792 min Scan# 799
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:146 Resp: 295771
Ion Ratio Lower Upper
146 100
148 63.3 52.4 78.6
75 37.3 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 49.763 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

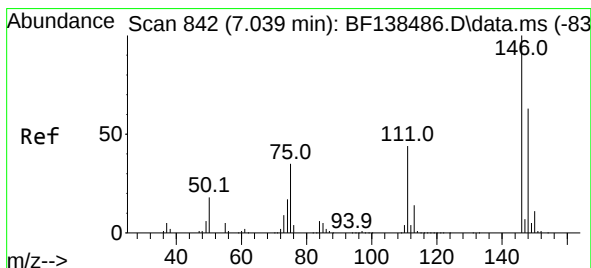
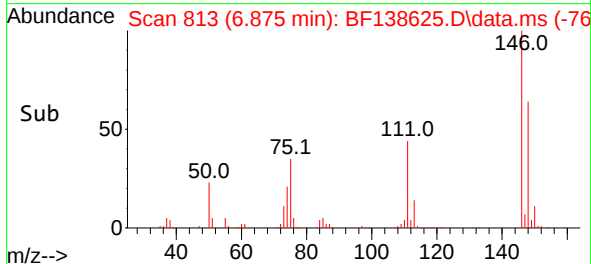
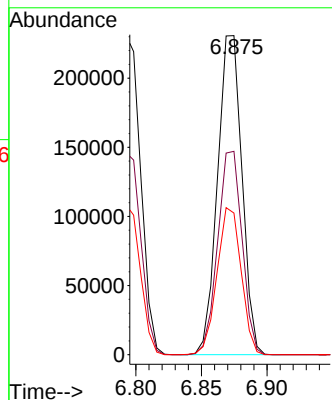
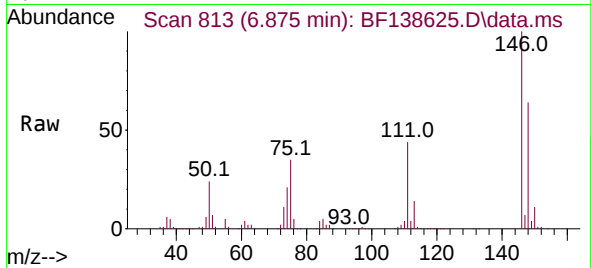
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:146 Resp: 29910
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
111 44.4 34.9 52.3

Manual Integrations
APPROVED

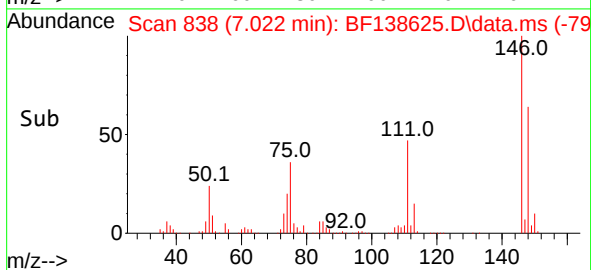
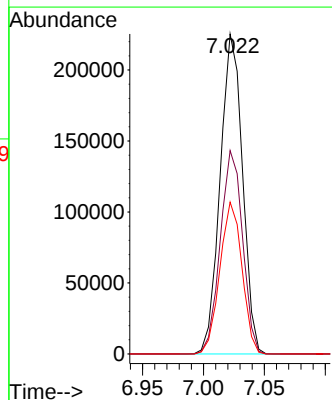
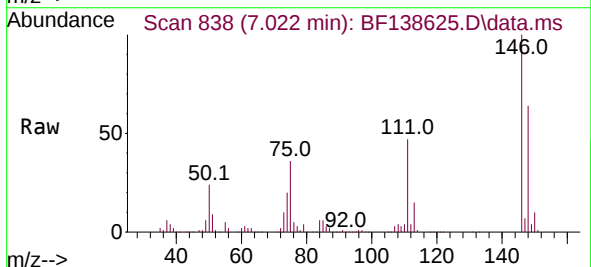
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

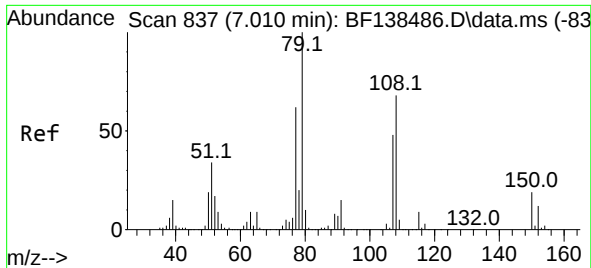
Supervised By :mohammad
ahmed
07/25/2024



#14
1,2-Dichlorobenzene
Concen: 51.396 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

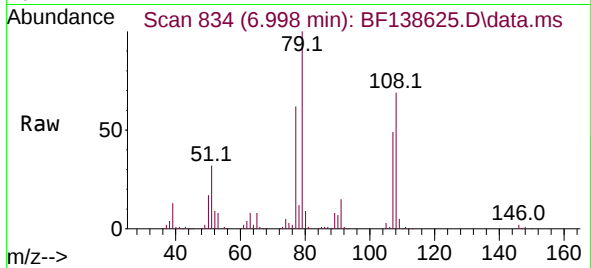
Tgt Ion:146 Resp: 287713
Ion Ratio Lower Upper
146 100
148 63.6 50.1 75.1
111 47.5 35.5 53.3





#15
Benzyl Alcohol
Concen: 56.144 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

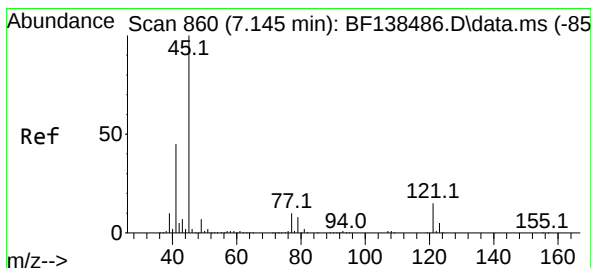
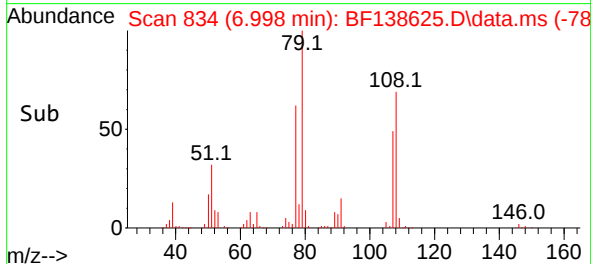
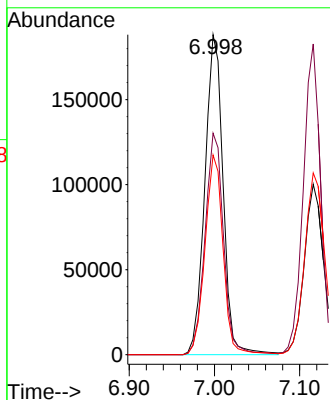


Tgt Ion: 79 Resp: 279125
Ion Ratio Lower Upper
79 100
108 69.2 54.3 81.5
77 62.4 50.0 75.0

Manual Integrations
APPROVED

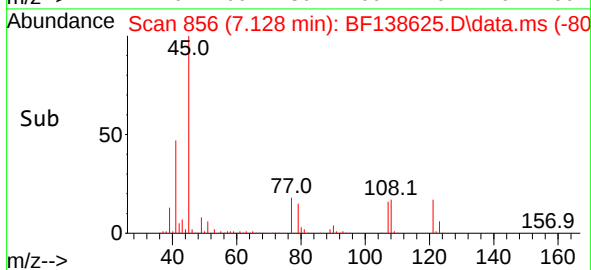
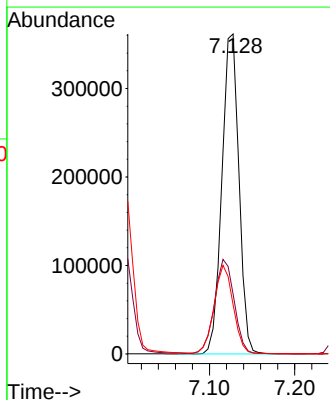
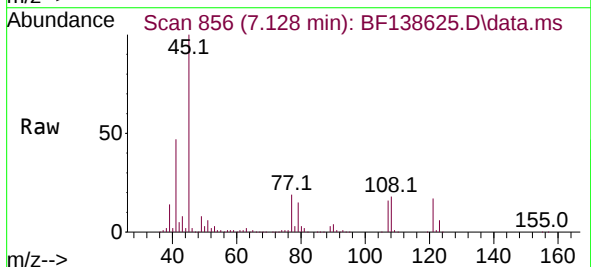
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

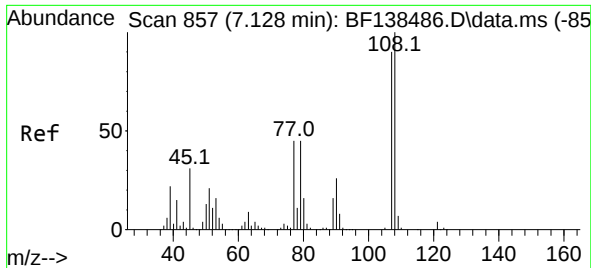
Supervised By :mohammad
ahmed
07/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.334 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

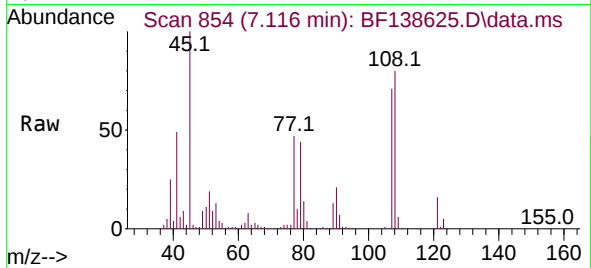
Tgt Ion: 45 Resp: 503209
Ion Ratio Lower Upper
45 100
77 18.8 0.0 30.4
79 15.4 0.0 28.1





#17
2-Methylphenol
Concen: 52.589 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

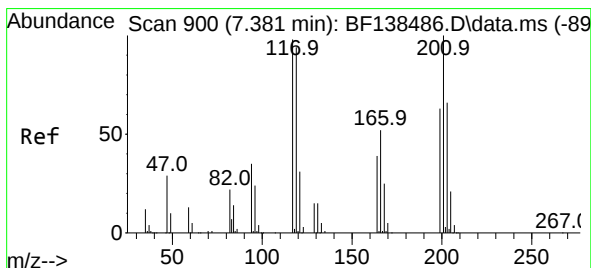
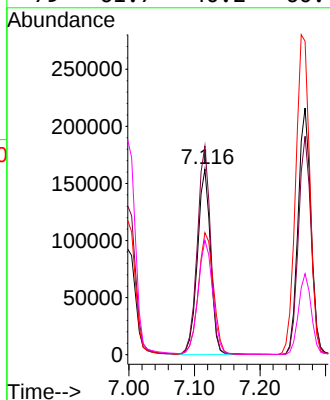
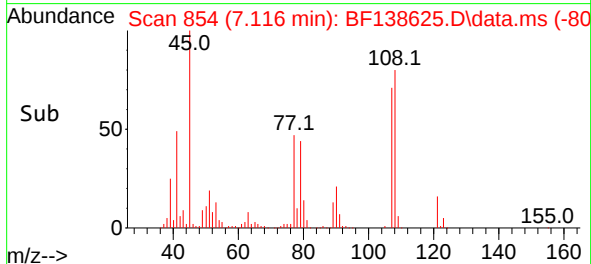


Tgt Ion:	107	Resp:	22694
Ion Ratio	Lower	Upper	
107	100		
108	112.5	89.0	133.4
77	65.8	40.3	60.5
79	61.7	40.2	60.4

Manual Integrations
APPROVED

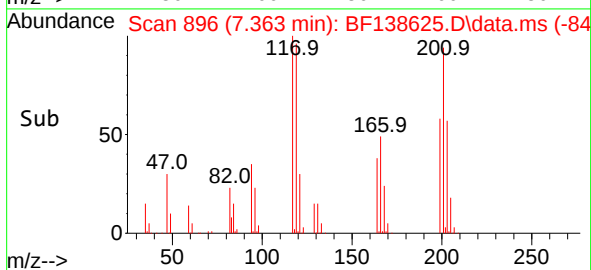
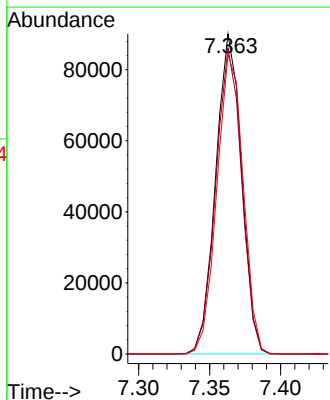
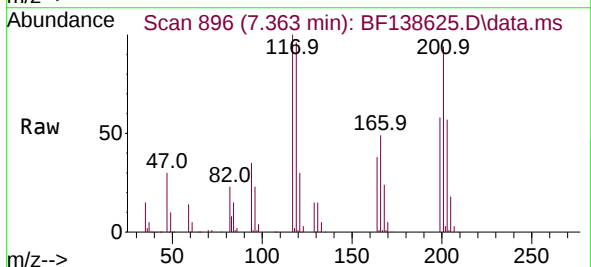
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

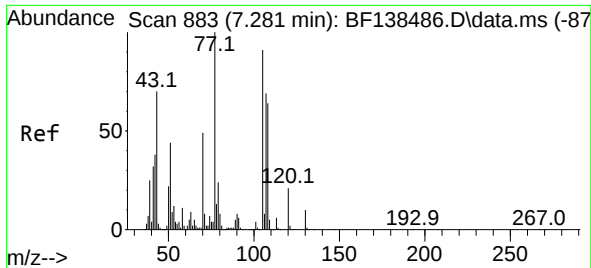
Supervised By :mohammad
ahmed
07/25/2024



#18
Hexachloroethane
Concen: 51.670 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

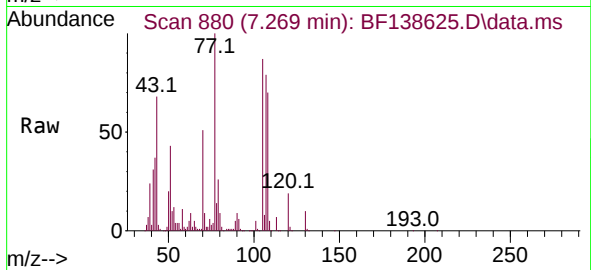
Tgt Ion:	117	Resp:	114170
Ion Ratio	Lower	Upper	
117	100		
119	95.5	76.6	114.8
201	93.6	81.4	122.0





#19
n-Nitroso-di-n-propylamine
Concen: 53.512 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

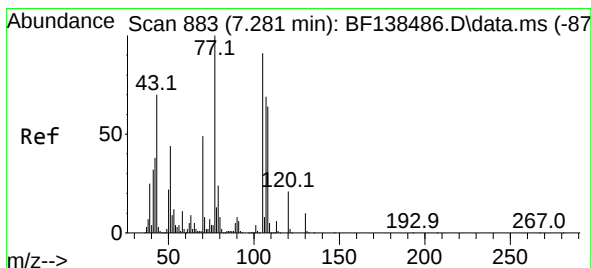
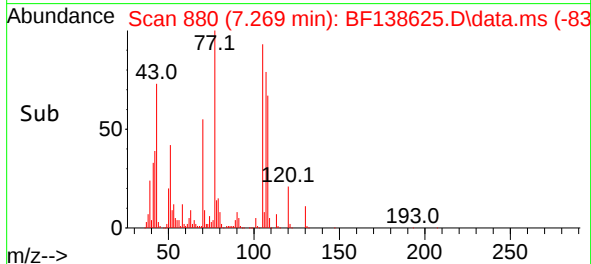
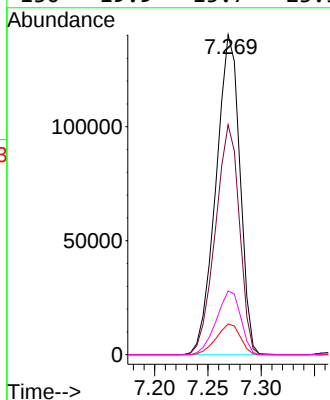


Tgt Ion: 70 Resp: 219044
Ion Ratio Lower Upper
70 100
42 71.9 62.4 93.6
101 9.6 7.2 10.8
130 19.9 15.7 23.5

Manual Integrations
APPROVED

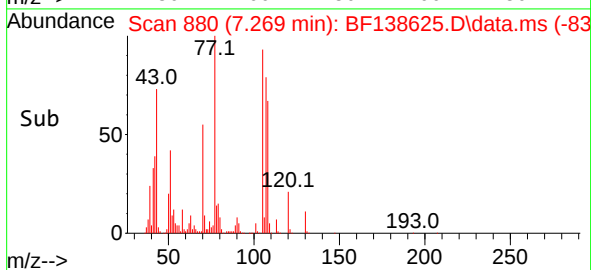
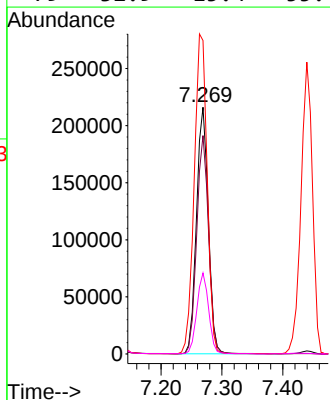
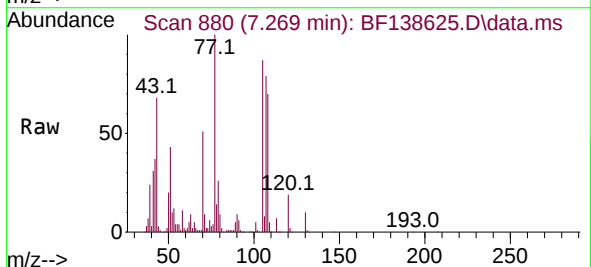
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

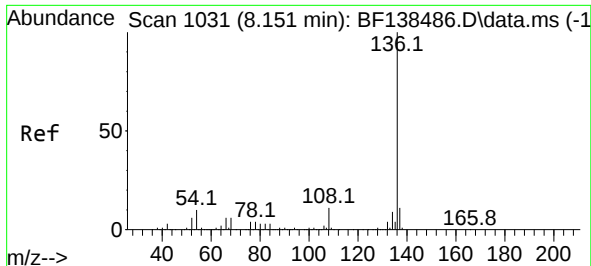
Supervised By :mohammad
ahmed
07/25/2024



#20
3+4-Methylphenols
Concen: 53.821 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:107 Resp: 292480
Ion Ratio Lower Upper
107 100
108 88.6 73.7 113.7
77 127.1 126.0 166.0
79 32.9 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

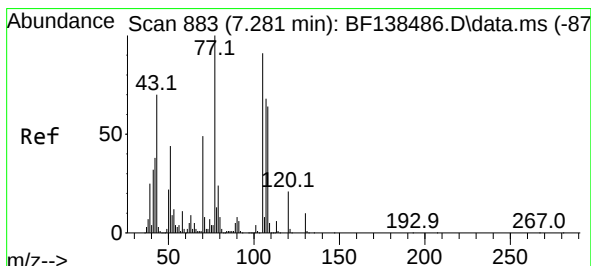
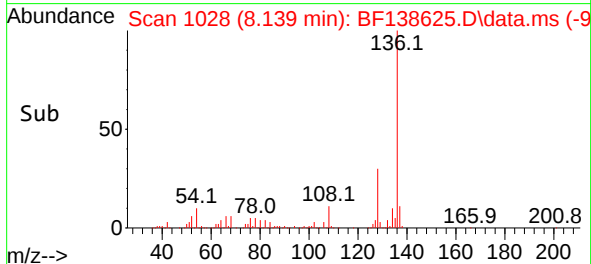
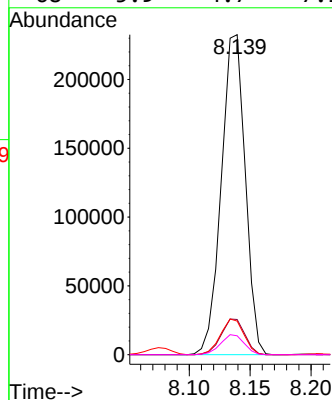
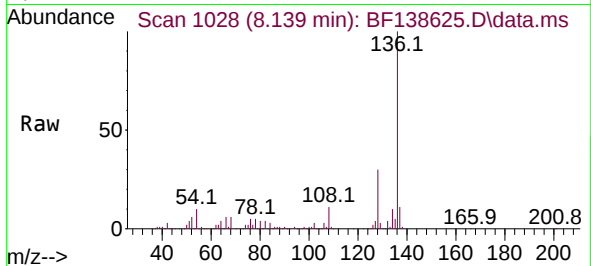
Tgt Ion:136 Resp: 318489
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.5 8.1 12.1
68 5.9 4.7 7.1

Manual Integrations

APPROVED

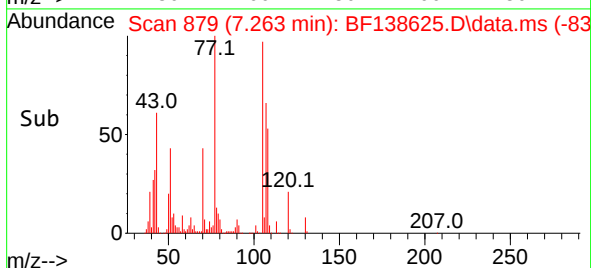
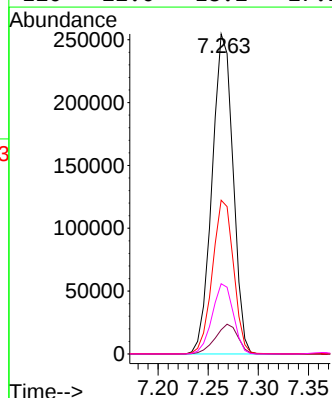
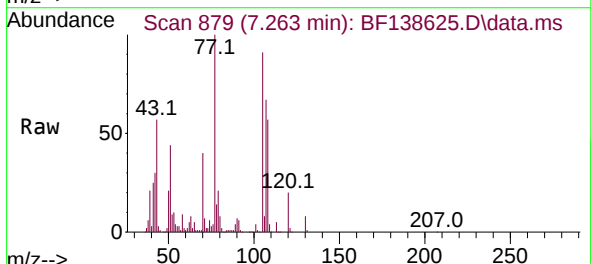
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

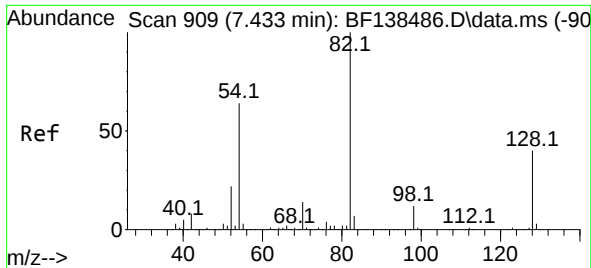
Supervised By :mohammad
ahmed
07/25/2024



#22
Acetophenone
Concen: 48.023 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:105 Resp: 371471
Ion Ratio Lower Upper
105 100
71 7.5 7.4 11.2
51 48.1 38.7 58.1
120 22.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 74.087 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion: 82 Resp: 480592

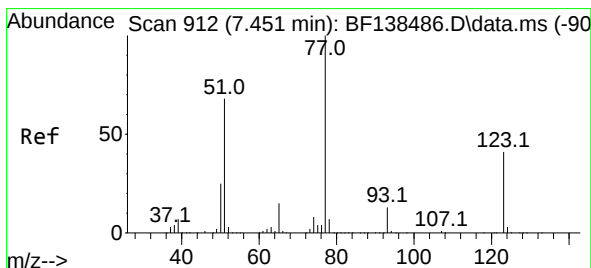
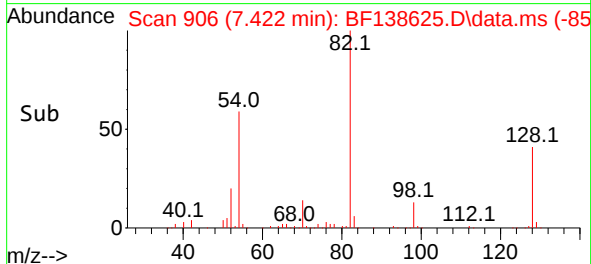
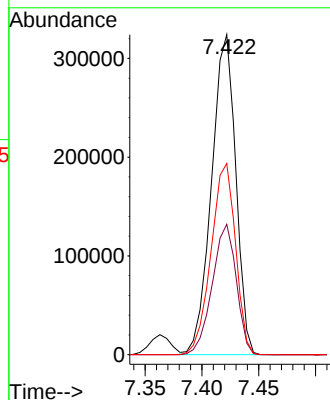
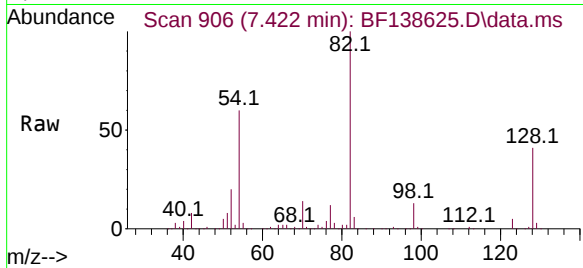
Ion	Ratio	Lower	Upper
82	100		
128	40.8	32.3	48.5
54	59.8	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
ahmed
07/25/2024



#24

Nitrobenzene

Concen: 50.648 ng

RT: 7.439 min Scan# 909

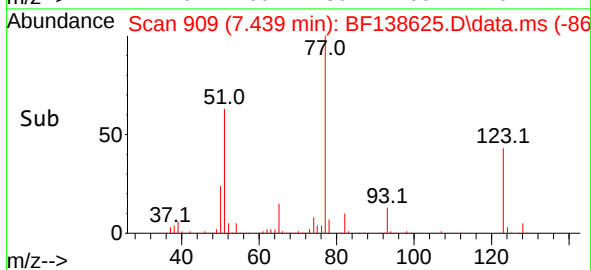
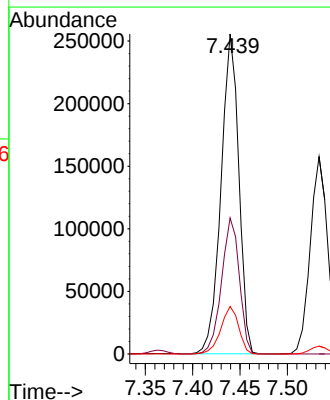
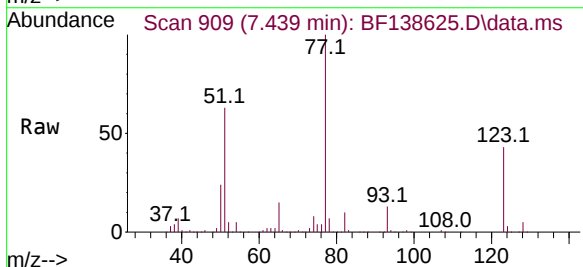
Delta R.T. -0.012 min

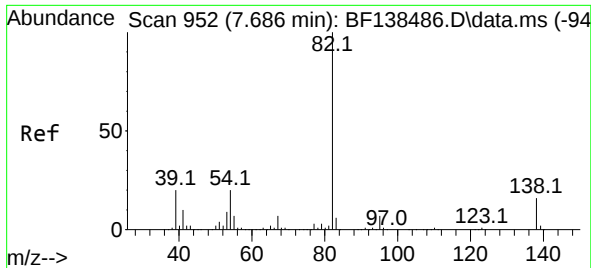
Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Tgt Ion: 77 Resp: 333877

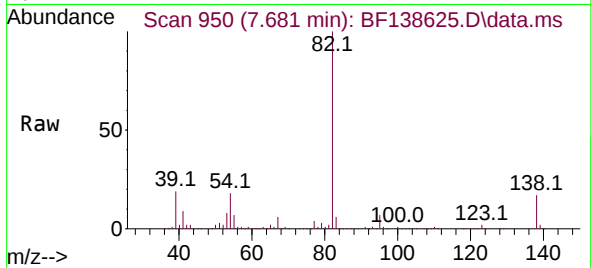
Ion	Ratio	Lower	Upper
77	100		
123	42.5	32.4	48.6
65	14.9	11.8	17.8





#25
Isophorone
Concen: 53.307 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

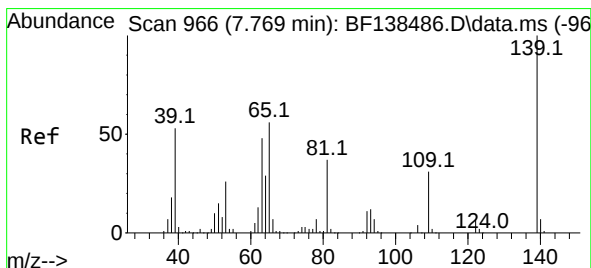
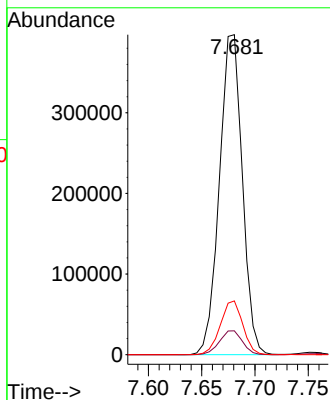
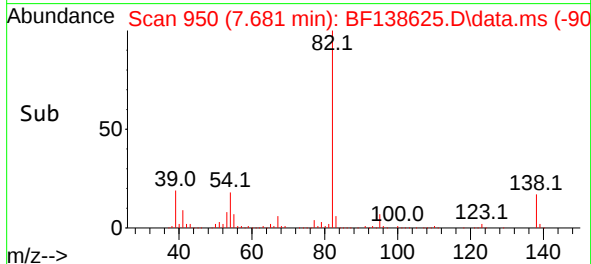


Tgt Ion: 82 Resp: 593834
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.8 12.8 19.2

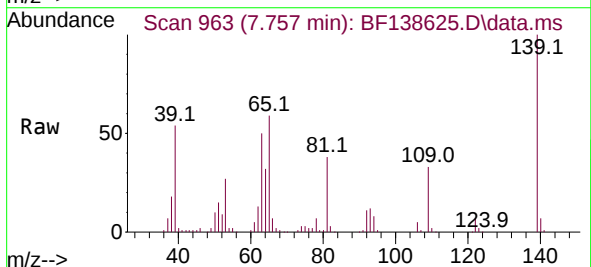
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

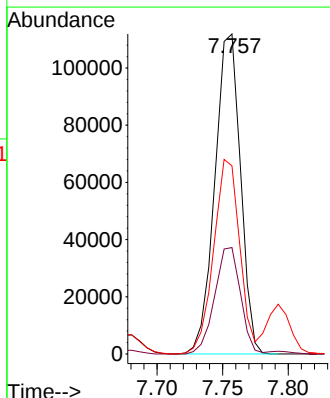
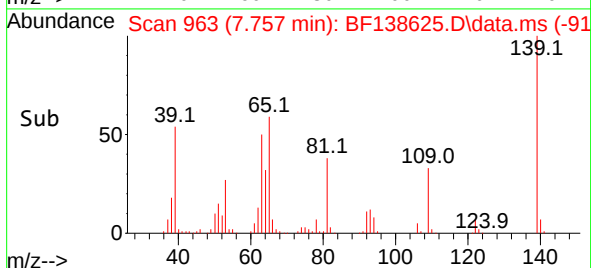
Supervised By :mohammad
ahmed
07/25/2024

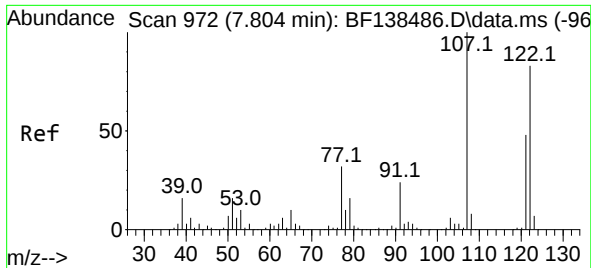


#26
2-Nitrophenol
Concen: 53.947 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35



Tgt Ion:139 Resp: 152419
Ion Ratio Lower Upper
139 100
109 33.2 24.8 37.2
65 58.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 57.350 ng m

RT: 7.792 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion:122 Resp: 19915

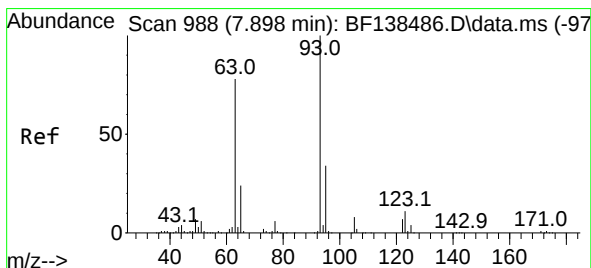
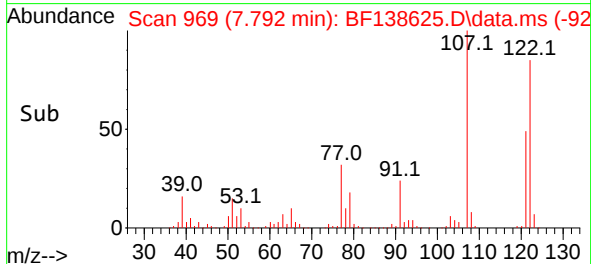
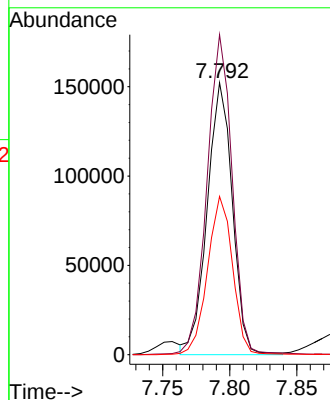
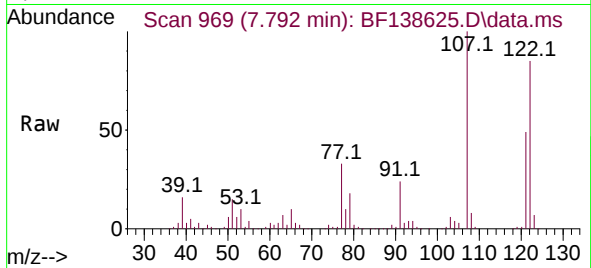
Ion	Ratio	Lower	Upper
122	100		
107	117.7	96.3	144.5
121	58.2	46.7	70.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
ahmed
07/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 53.344 ng

RT: 7.886 min Scan# 985

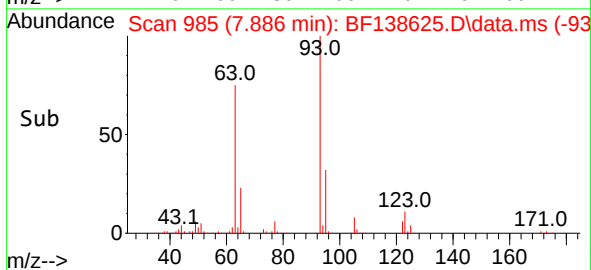
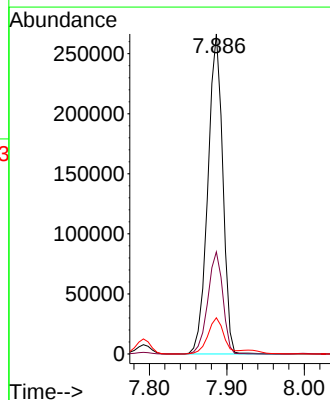
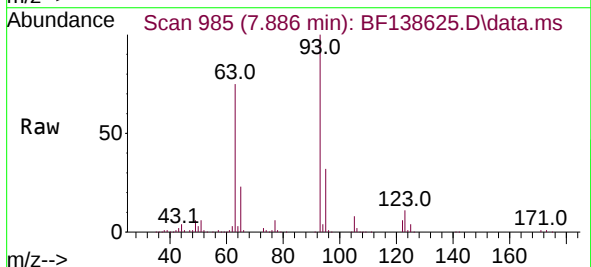
Delta R.T. -0.012 min

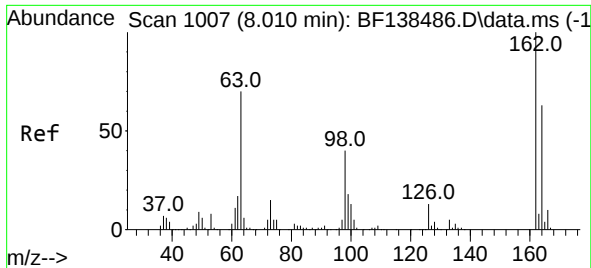
Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Tgt Ion: 93 Resp: 355142

Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.0	40.6
123	11.3	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 50.747 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

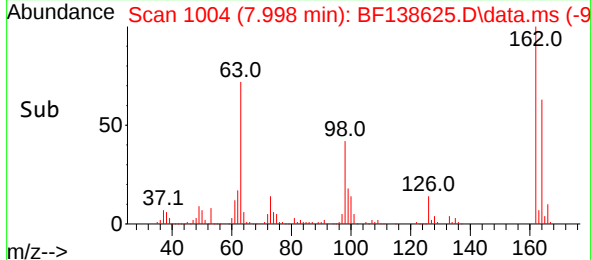
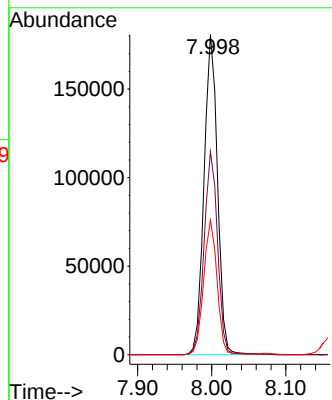
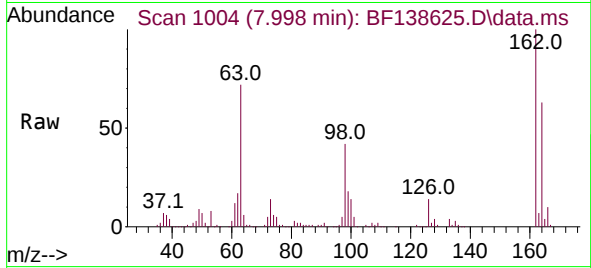
Tgt Ion:162 Resp: 228838
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.6 82.6
 98 42.1 20.1 60.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
 ahmed
 07/25/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.561 ng

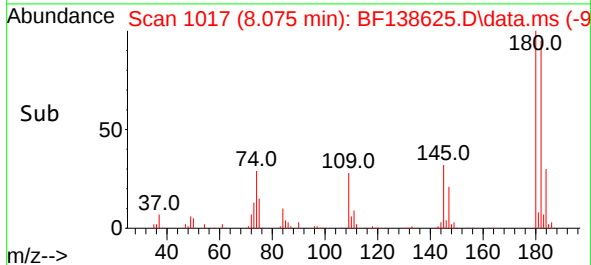
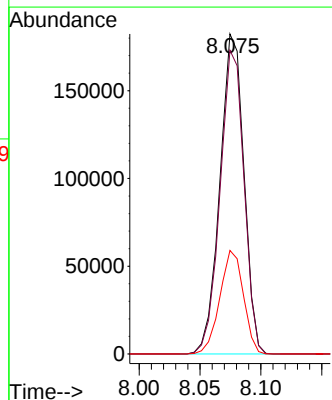
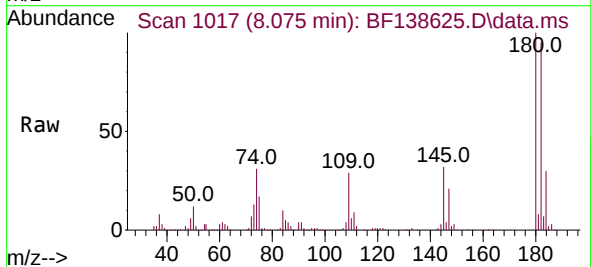
RT: 8.075 min Scan# 1017

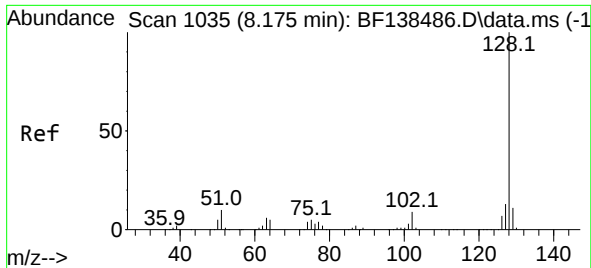
Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

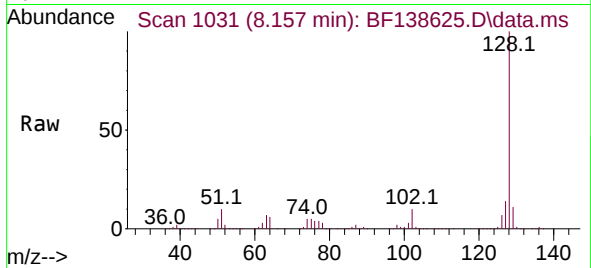
Tgt Ion:180 Resp: 249848
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.9 115.3
 145 32.4 23.9 35.9





#31
Naphthalene
Concen: 50.250 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

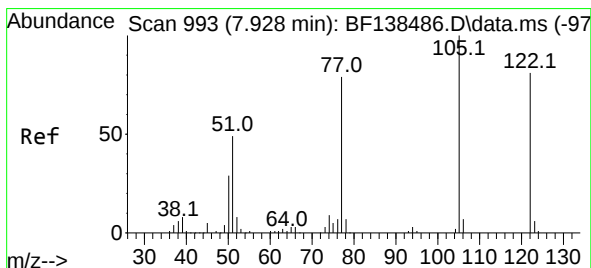
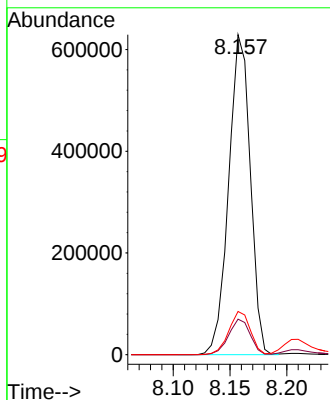


Tgt Ion:128 Resp: 832334
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1

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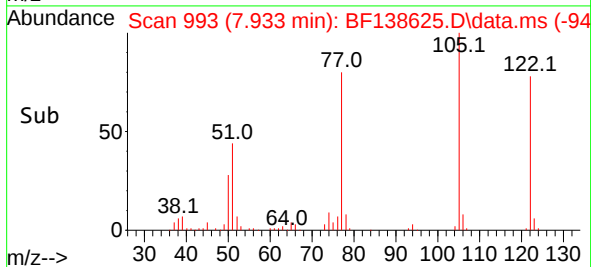
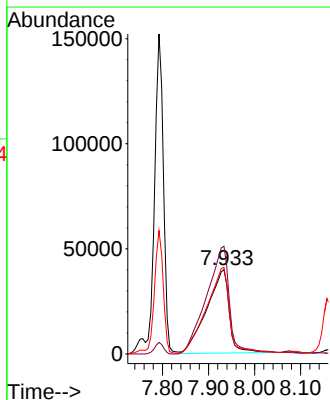
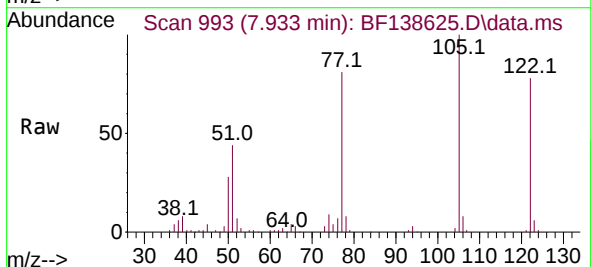
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

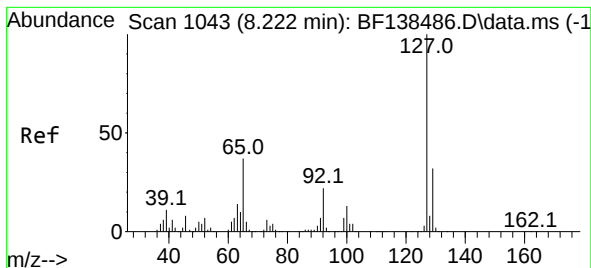
Supervised By :mohammad
ahmed
07/25/2024



#32
Benzoic acid
Concen: 40.779 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:122 Resp: 135060
Ion Ratio Lower Upper
122 100
105 127.6 101.5 141.5
77 102.7 77.3 117.3





#33
4-Chloroaniline
Concen: 10.704 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

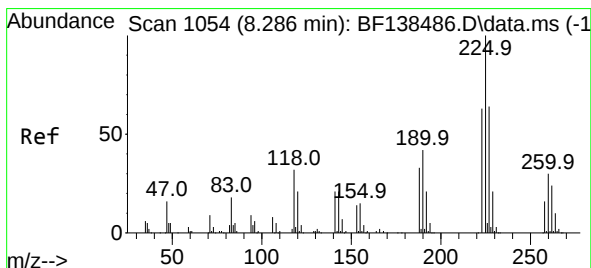
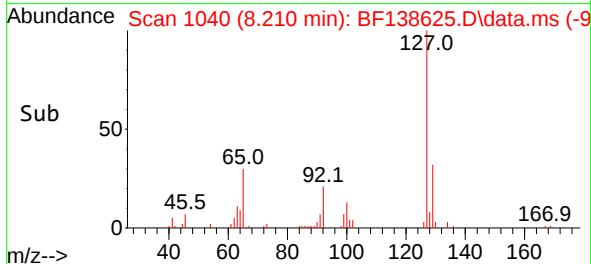
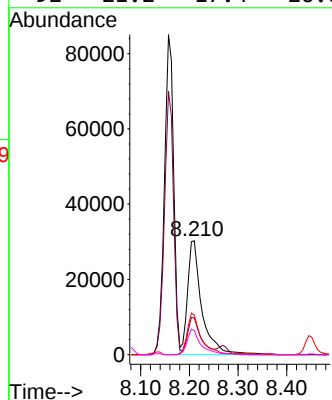
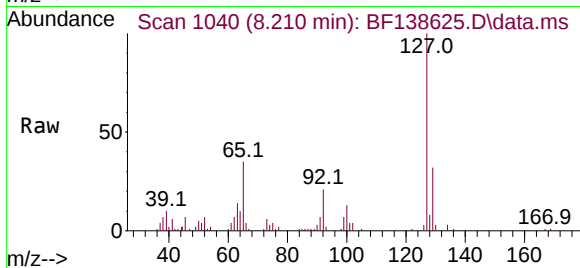
Tgt Ion:127 Resp: 62210
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 35.0 29.6 44.4
92 21.2 17.4 26.0

Manual Integrations

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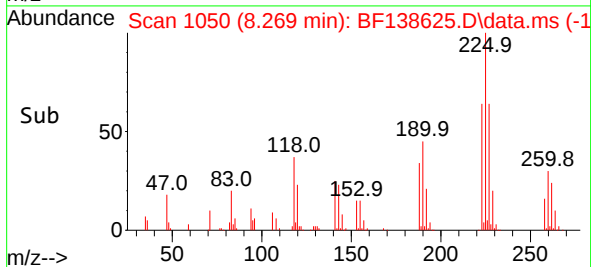
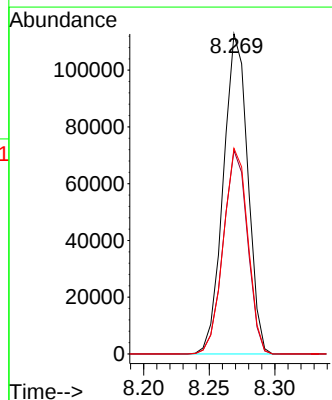
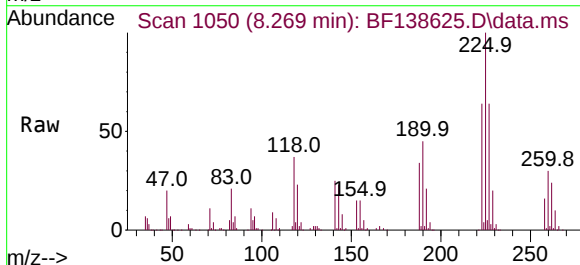
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

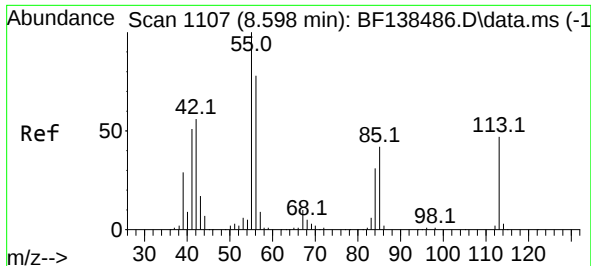
Supervised By :mohammad
ahmed
07/25/2024



#34
Hexachlorobutadiene
Concen: 45.158 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

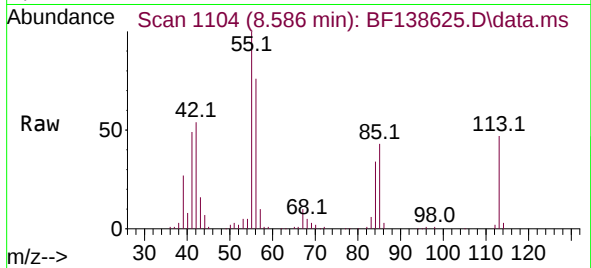
Tgt Ion:225 Resp: 146079
Ion Ratio Lower Upper
225 100
223 63.6 50.0 75.0
227 64.3 51.0 76.6





#35
Caprolactam
Concen: 47.683 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

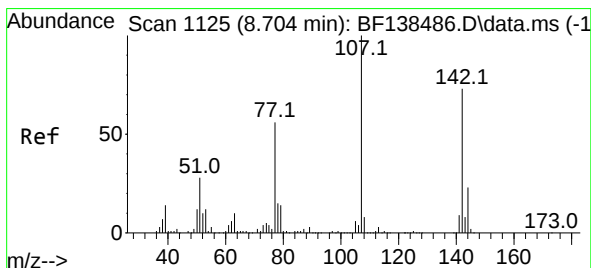
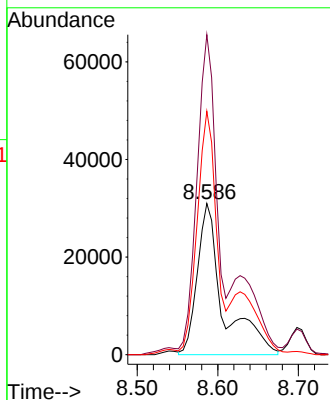
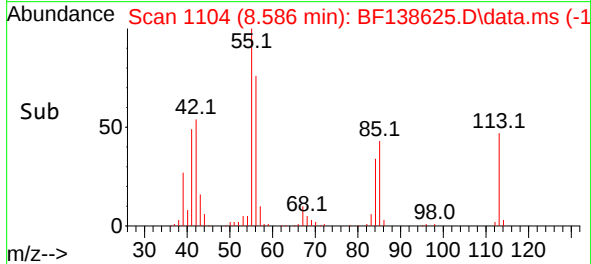


Tgt Ion:113 Resp: 6938
Ion Ratio Lower Upper
113 100
55 211.7 192.5 232.5
56 161.0 145.3 185.3

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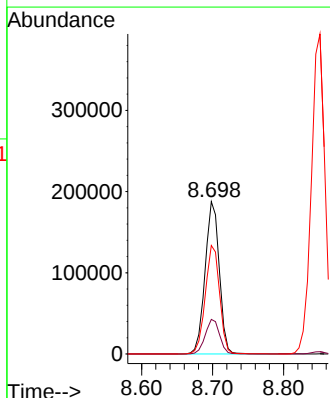
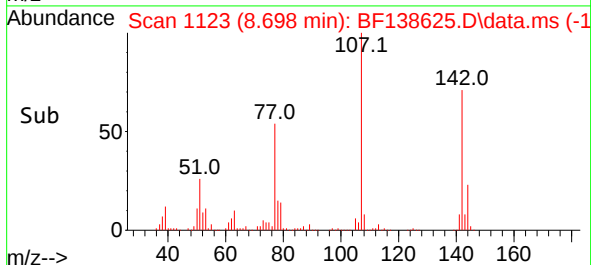
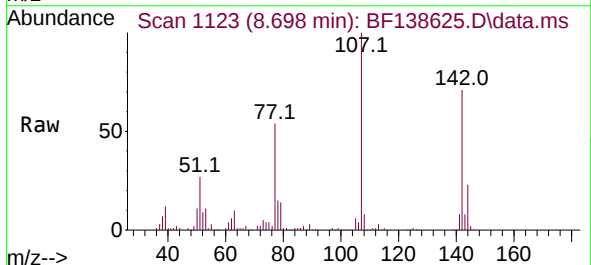
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

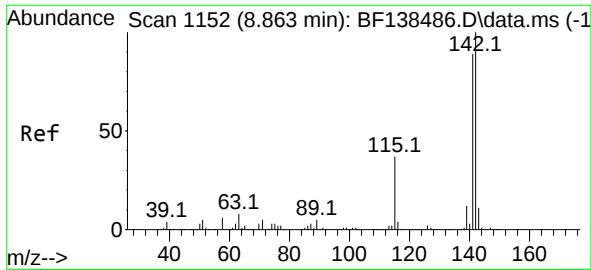
Supervised By :mohammad
ahmed
07/25/2024



#36
4-Chloro-3-methylphenol
Concen: 51.845 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

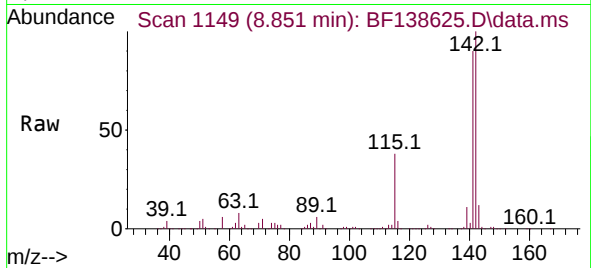
Tgt Ion:107 Resp: 261735
Ion Ratio Lower Upper
107 100
144 22.7 18.6 27.8
142 71.3 58.6 88.0





#37
2-Methylnaphthalene
Concen: 48.819 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

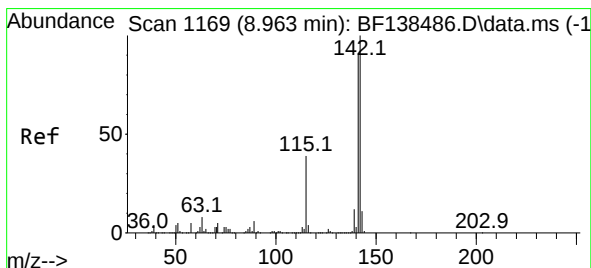
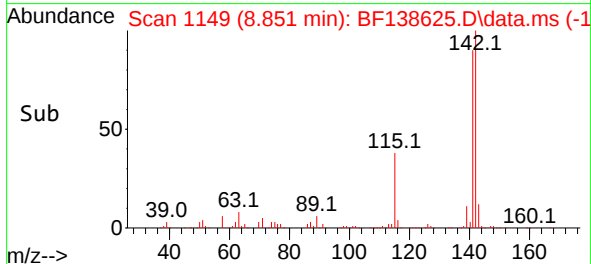
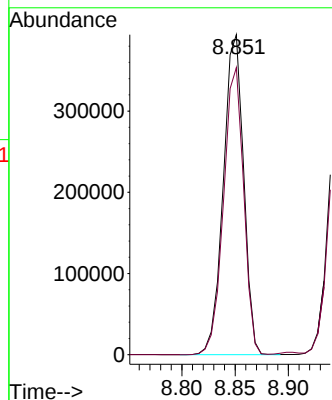


Tgt Ion:142 Resp: 520370
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0

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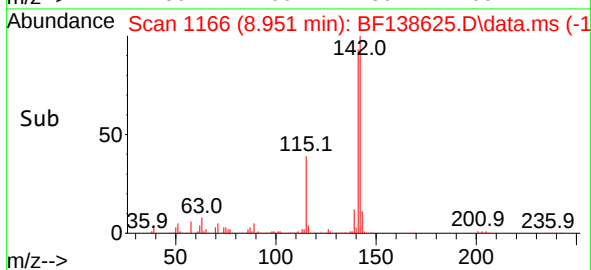
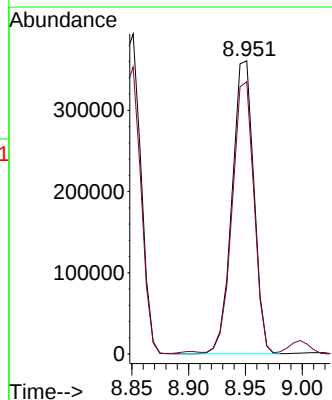
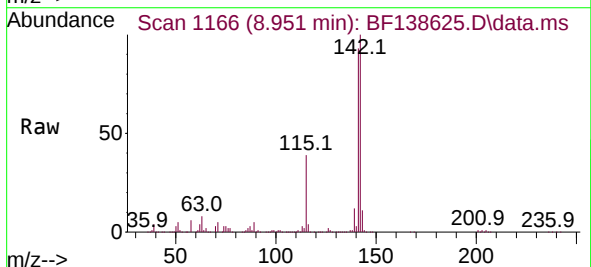
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

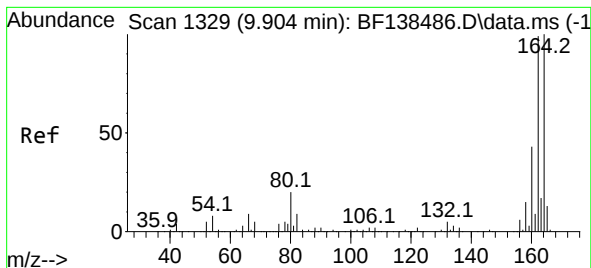
Supervised By :mohammad
ahmed
07/25/2024



#38
1-Methylnaphthalene
Concen: 46.328 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:142 Resp: 481950
Ion Ratio Lower Upper
142 100
141 92.9 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1176

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion:164 Resp: 167760

Ion Ratio Lower Upper

164 100

162 100.0 79.0 118.6

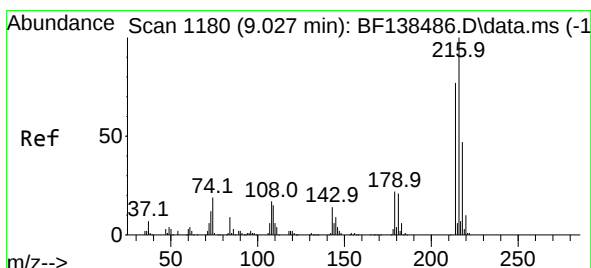
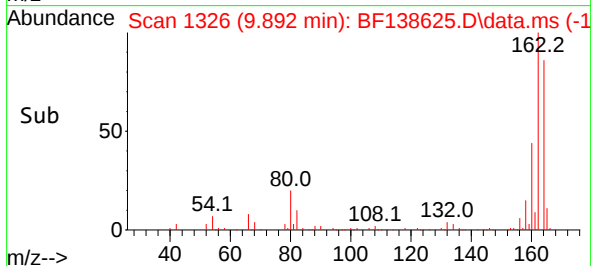
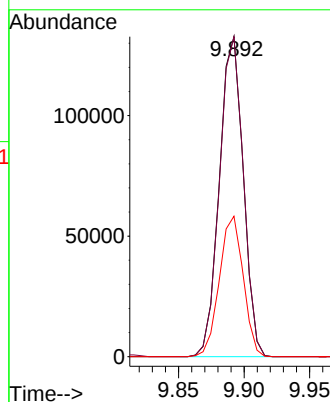
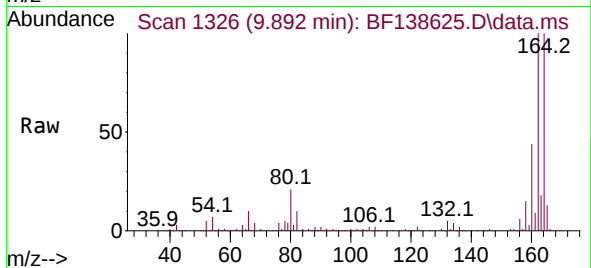
160 43.9 34.4 51.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
ahmed
07/25/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.953 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Tgt Ion:216 Resp: 219532

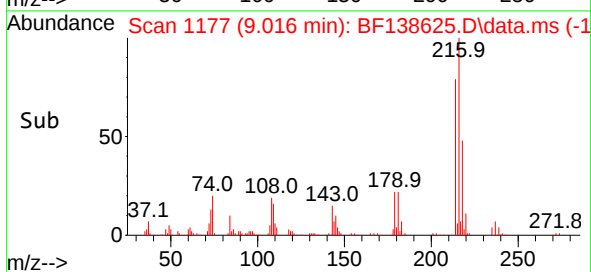
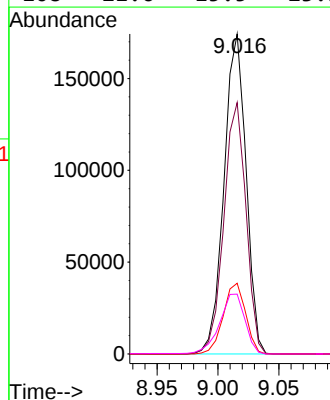
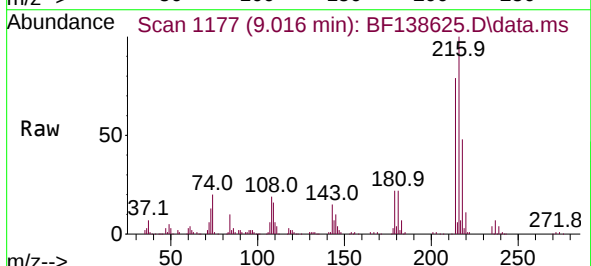
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 22.5 17.7 26.5

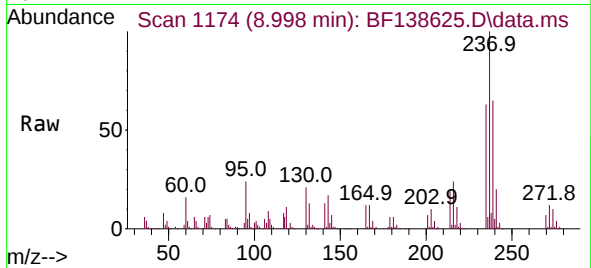
108 21.6 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 101.410 ng
RT: 8.998 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

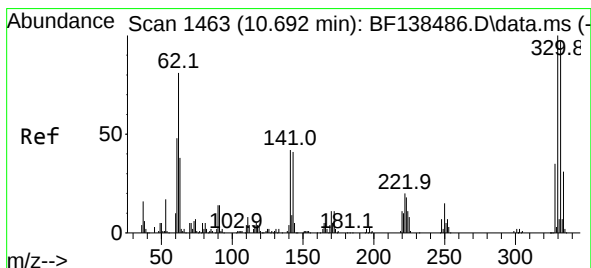
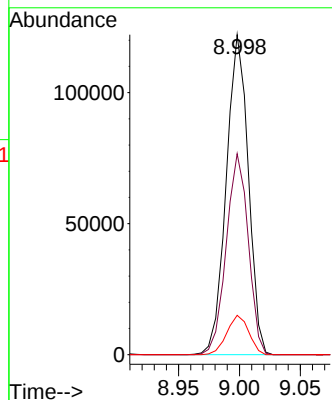


Tgt Ion:237 Resp: 15390
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 12.3 0.0 32.3

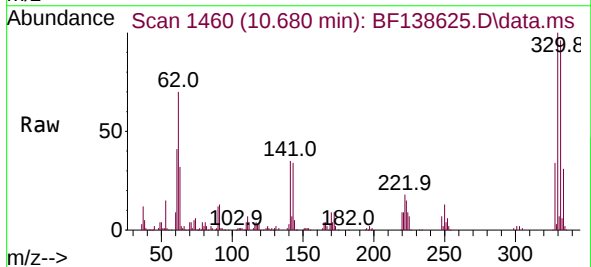
Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

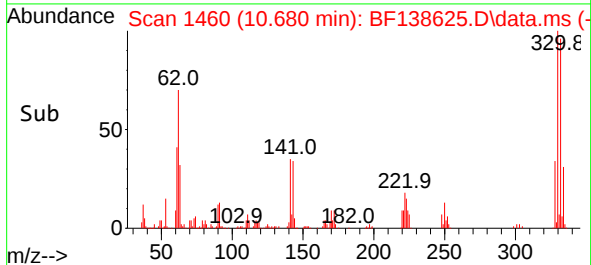
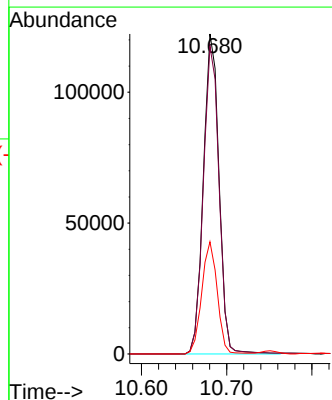
Supervised By :mohammad
ahmed
07/25/2024



#42
2,4,6-Tribromophenol
Concen: 99.579 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35



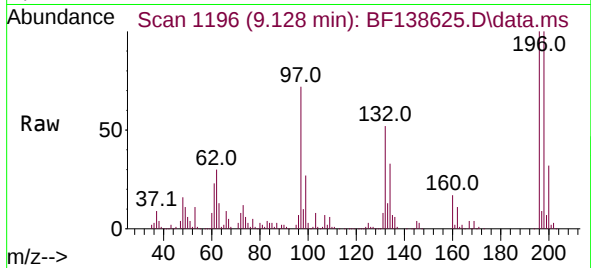
Tgt Ion:330 Resp: 156129
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 34.6 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 50.080 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

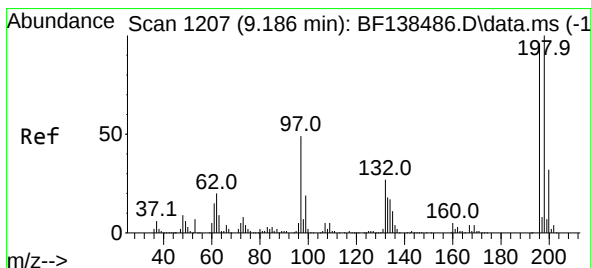
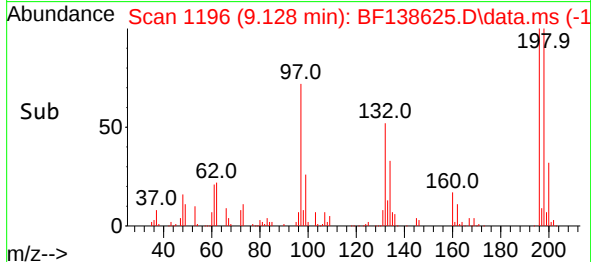
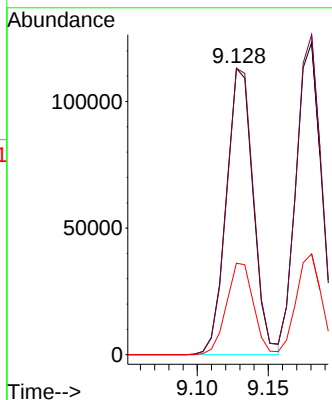


Tgt Ion:196 Resp: 14936
Ion Ratio Lower Upper
196 100
198 100.0 82.3 123.5
200 32.0 25.8 38.6

Manual Integrations
APPROVED

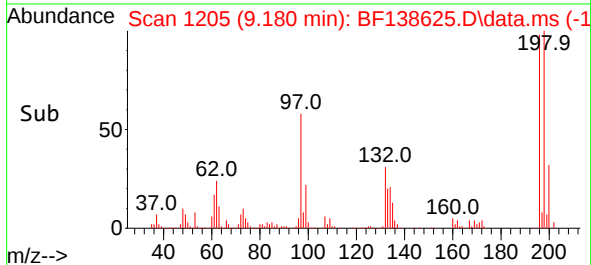
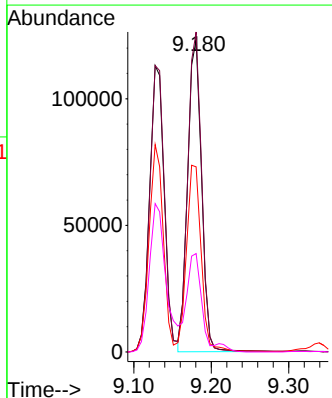
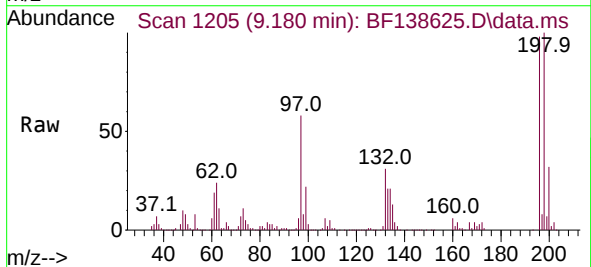
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

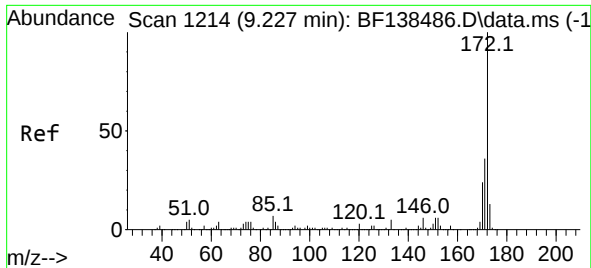
Supervised By :mohammad
ahmed
07/25/2024



#44
2,4,5-Trichlorophenol
Concen: 46.879 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:196 Resp: 153779
Ion Ratio Lower Upper
196 100
198 102.5 82.8 124.2
97 59.3 41.0 61.4
132 31.5 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 75.194 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

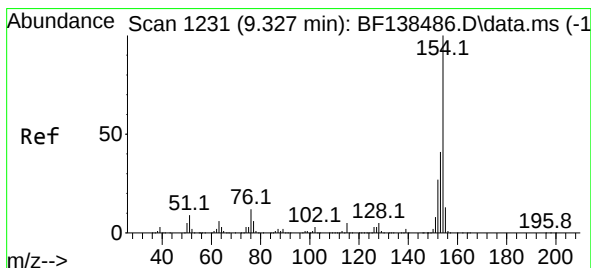
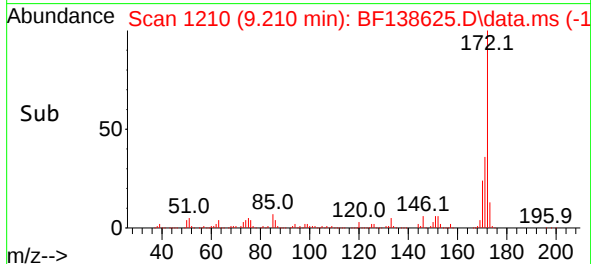
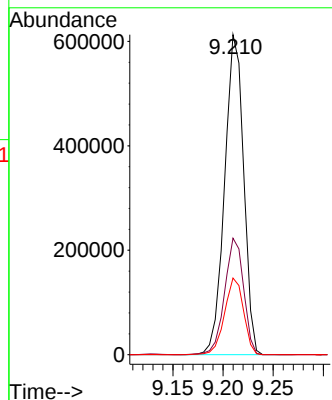
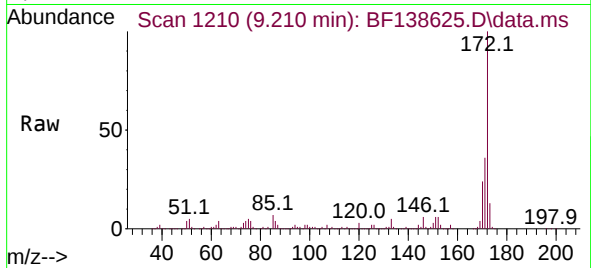
Tgt Ion:172 Resp: 807125
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.9 18.9 28.3

Manual Integrations

APPROVED

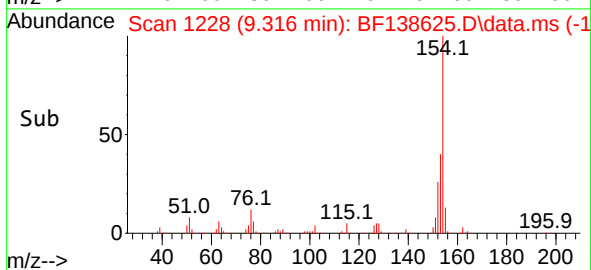
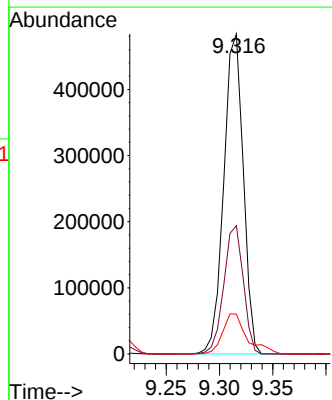
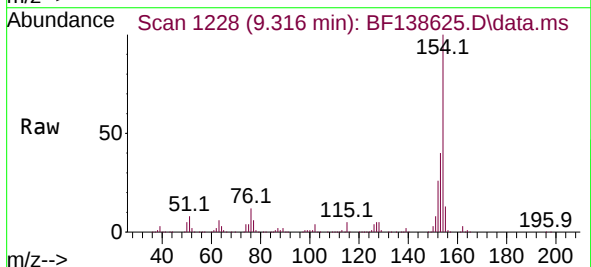
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

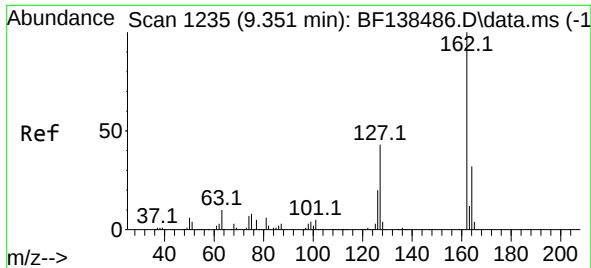
Supervised By :mohammad
ahmed
07/25/2024



#46
1,1'-Biphenyl
Concen: 48.344 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

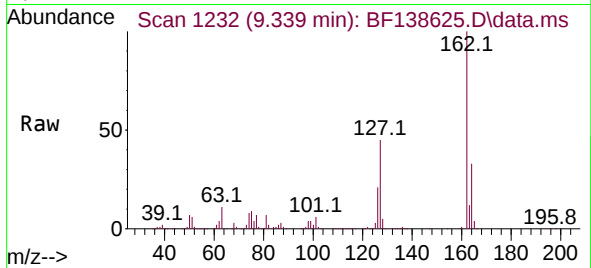
Tgt Ion:154 Resp: 614624
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 12.4 0.0 32.2





#47
2-Chloronaphthalene
Concen: 49.210 ng
RT: 9.339 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

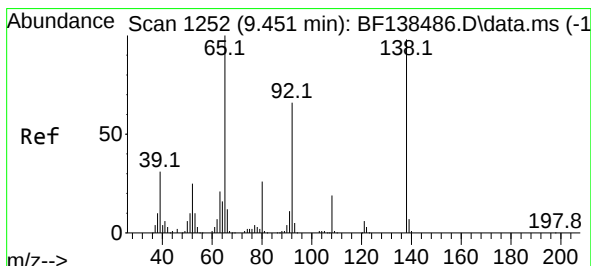
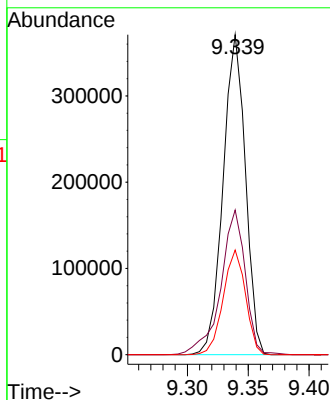
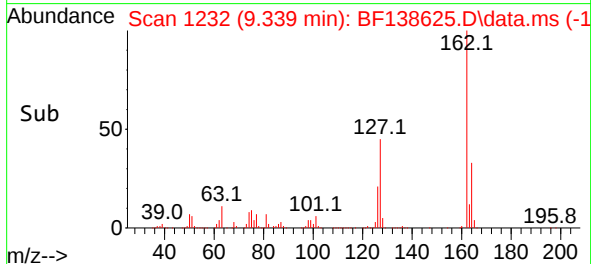


Tgt Ion:162 Resp: 47264
Ion Ratio Lower Upper
162 100
127 45.2 34.8 52.2
164 32.7 25.6 38.4

Manual Integrations
APPROVED

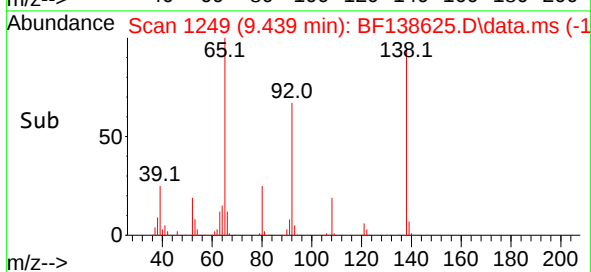
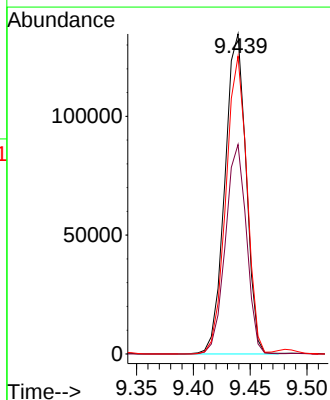
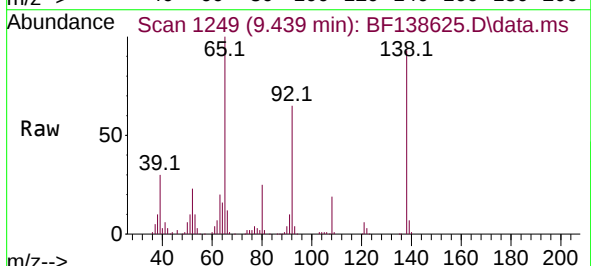
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
ahmed
07/25/2024



#48
2-Nitroaniline
Concen: 52.672 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion: 65 Resp: 175308
Ion Ratio Lower Upper
65 100
92 65.5 52.6 78.8
138 93.1 78.6 118.0





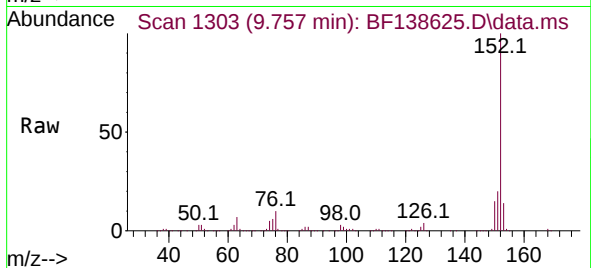
#49
Acenaphthylene
Concen: 54.790 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS



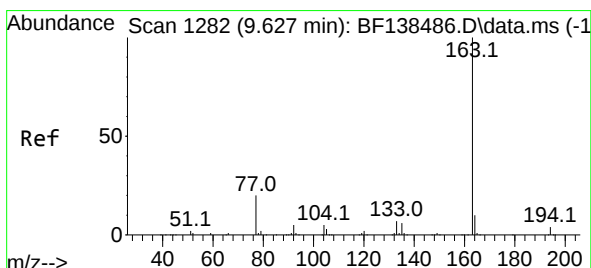
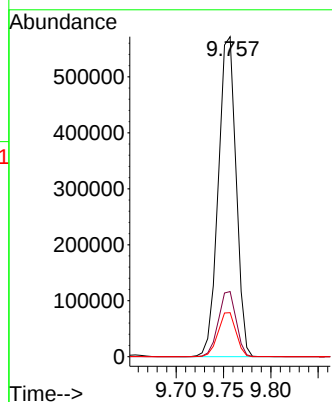
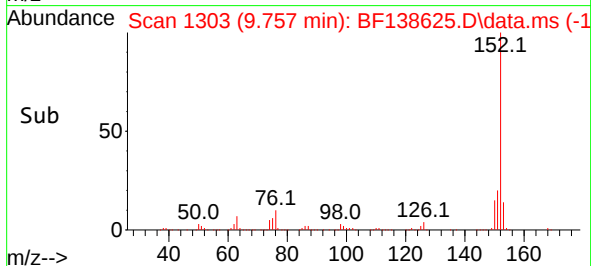
Tgt Ion:152 Resp: 747129
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.7 11.3 16.9

Manual Integrations

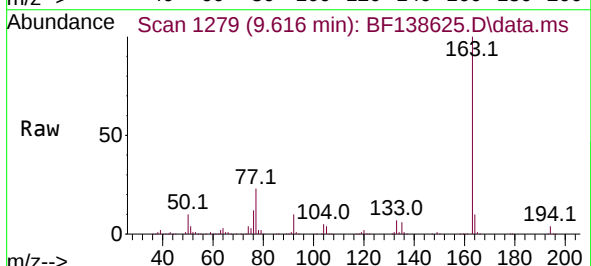
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

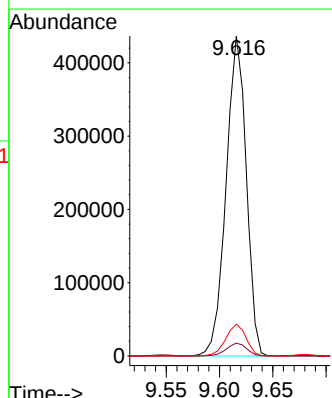
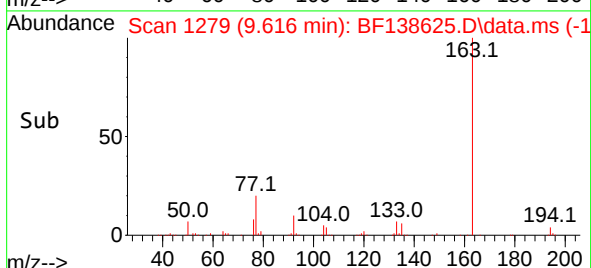
Supervised By :mohammad
ahmed
07/25/2024

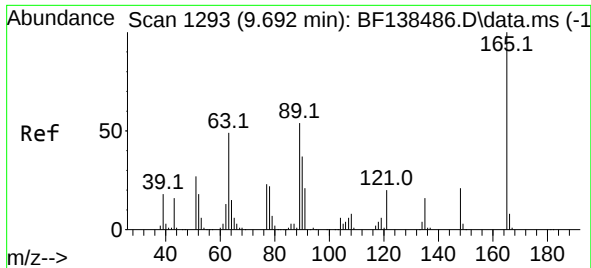


#50
Dimethylphthalate
Concen: 53.054 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35



Tgt Ion:163 Resp: 575518
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.672 ng
RT: 9.680 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

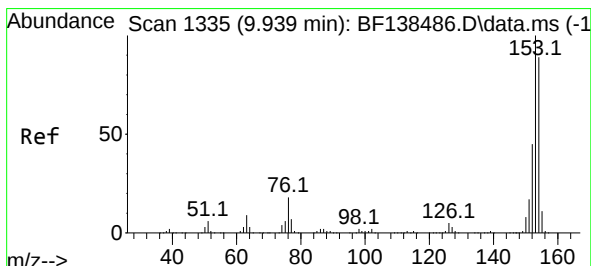
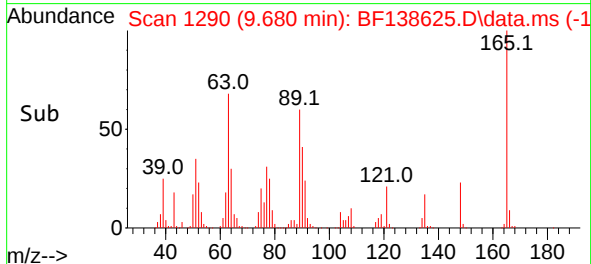
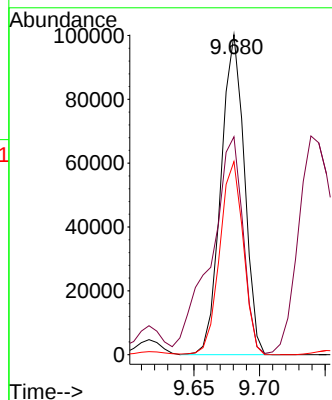
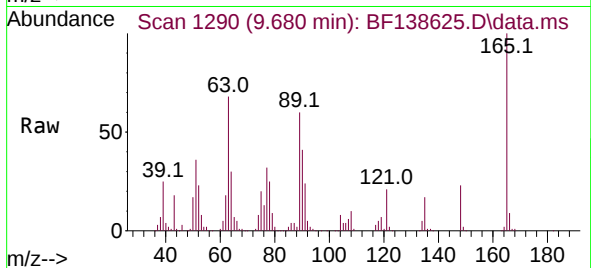
285-290MS

Tgt Ion:165 Resp: 124062
Ion Ratio Lower Upper
165 100
63 68.1 48.1 72.1
89 60.4 43.0 64.6

Manual Integrations
APPROVED

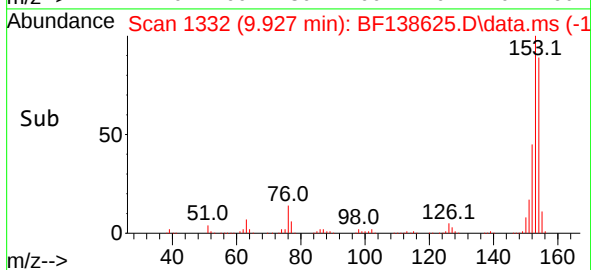
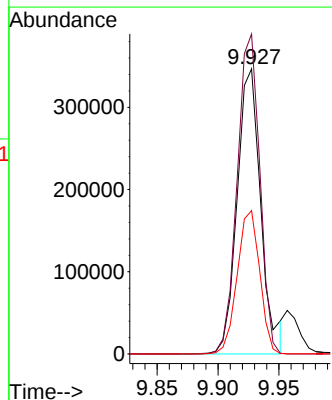
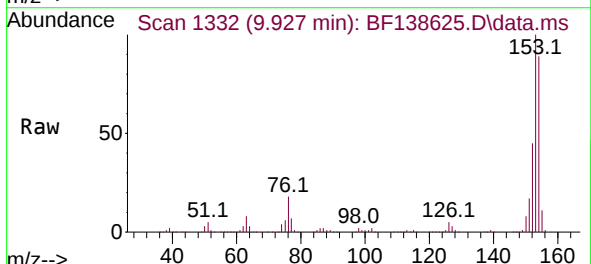
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

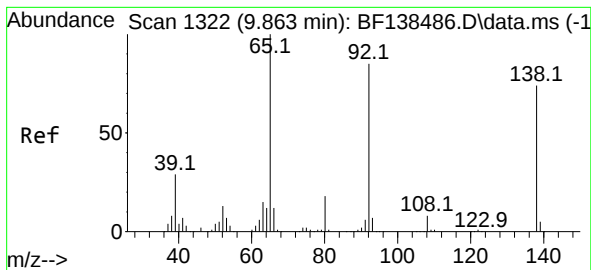
Supervised By :mohammad
ahmed
07/25/2024



#52
Acenaphthene
Concen: 51.679 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:154 Resp: 468438
Ion Ratio Lower Upper
154 100
153 112.3 90.4 135.6
152 50.3 41.1 61.7





#53
3-Nitroaniline
Concen: 27.991 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

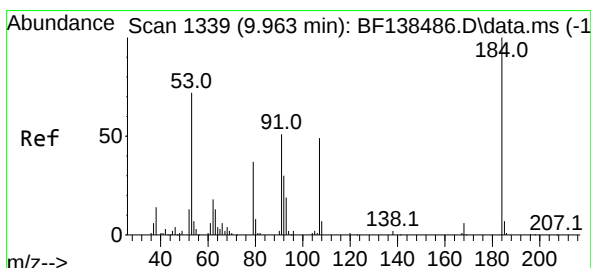
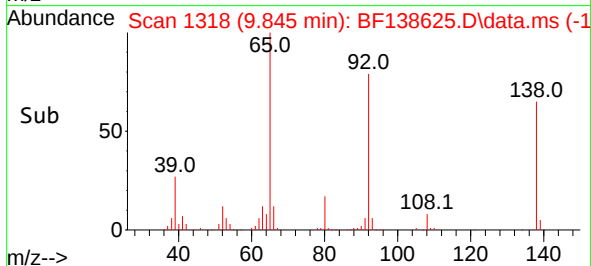
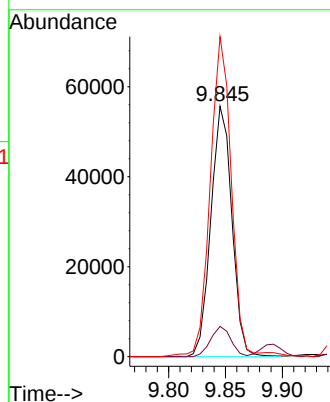
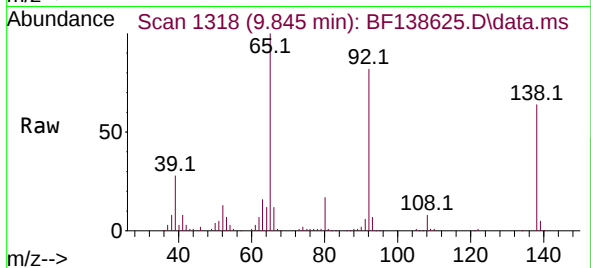
285-290MS

Tgt Ion:138 Resp: 71654
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 127.8 92.6 138.8

Manual Integrations
APPROVED

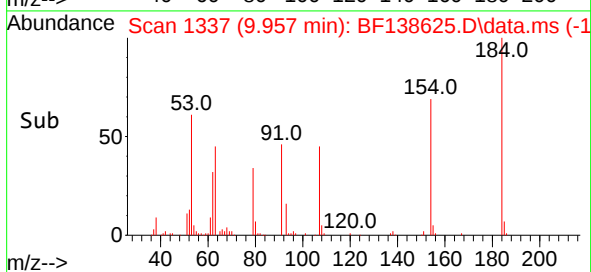
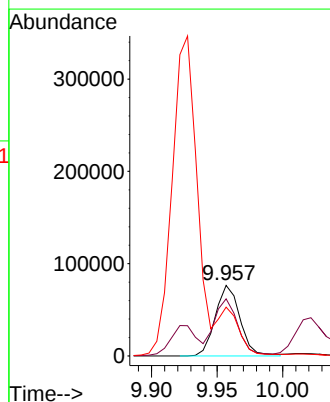
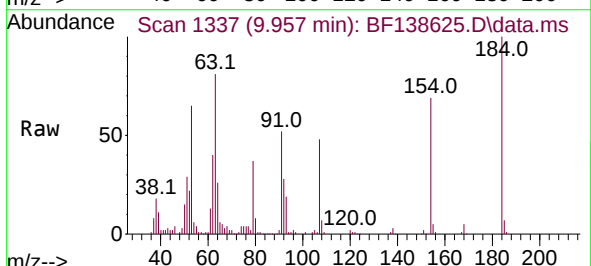
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

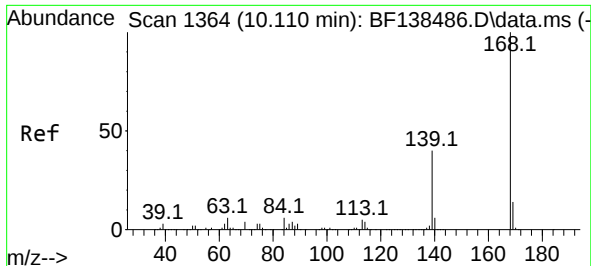
Supervised By :mohammad
ahmed
07/25/2024



#54
2,4-Dinitrophenol
Concen: 75.125 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

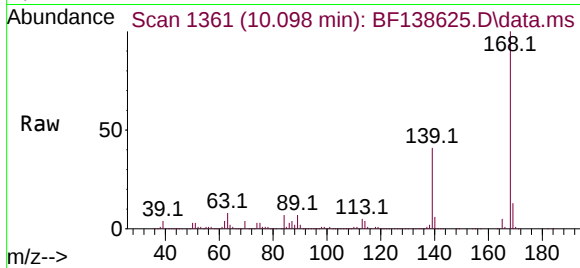
Tgt Ion:184 Resp: 100297
Ion Ratio Lower Upper
184 100
63 80.9 70.6 106.0
154 69.2 53.8 80.6





#55
Dibenzenofuran
Concen: 49.695 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

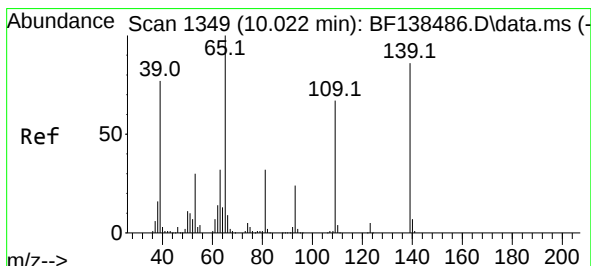
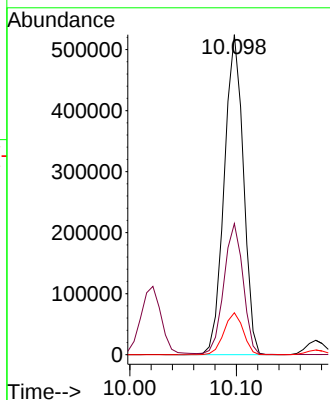
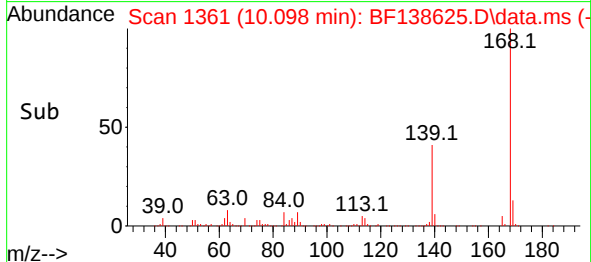


Tgt Ion:168 Resp: 65335
Ion Ratio Lower Upper
168 100
139 41.0 32.4 48.6
169 13.1 10.9 16.3

Manual Integrations
APPROVED

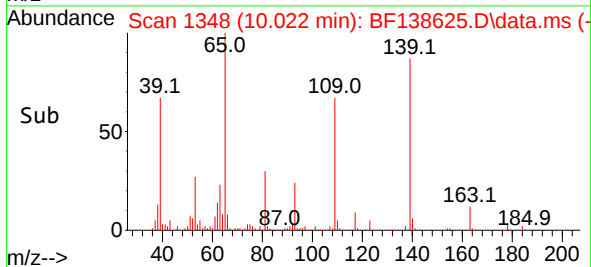
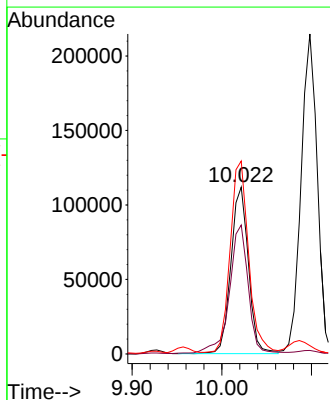
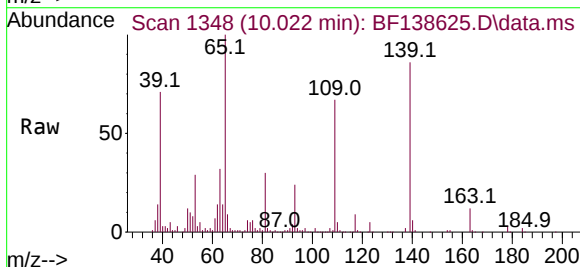
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

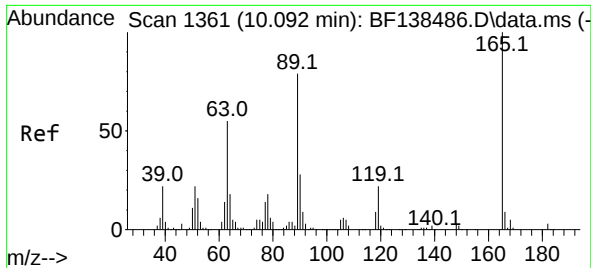
Supervised By :mohammad
ahmed
07/25/2024



#56
4-Nitrophenol
Concen: 80.199 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:139 Resp: 151484
Ion Ratio Lower Upper
139 100
109 77.3 58.1 98.1
65 115.6 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 48.654 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

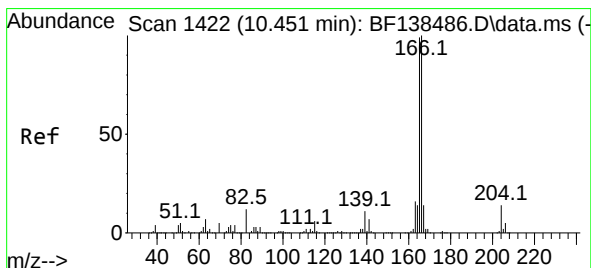
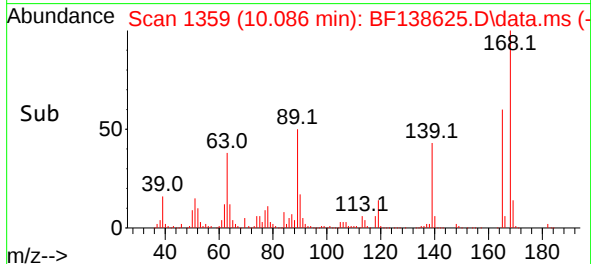
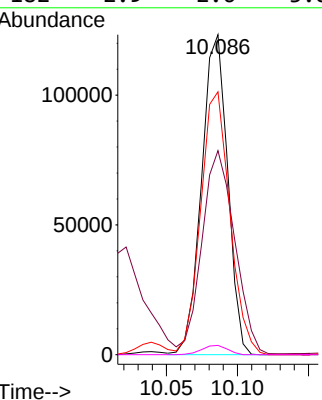
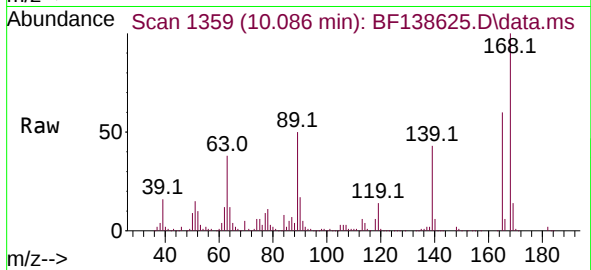
Tgt Ion:165 Resp: 157230
Ion Ratio Lower Upper
165 100
63 63.8 44.6 66.8
89 82.2 63.4 95.2
182 2.9 2.6 3.8

Manual Integrations

APPROVED

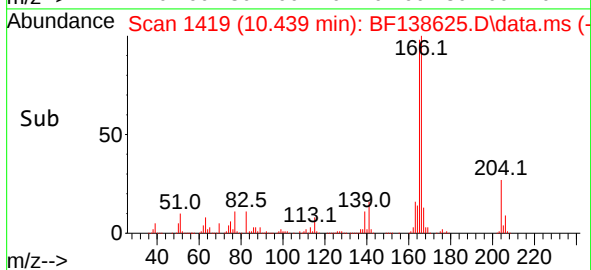
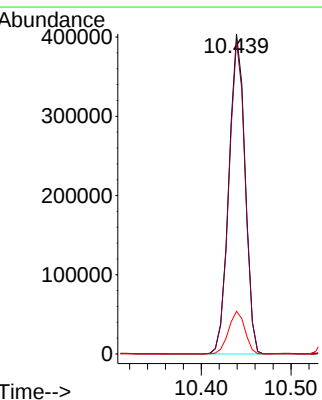
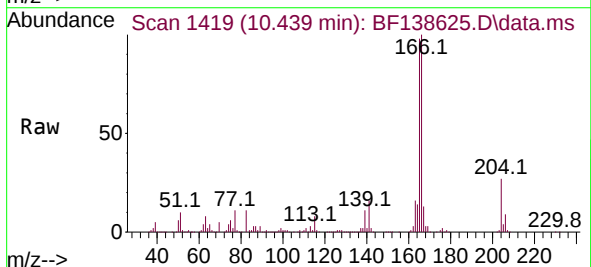
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
ahmed
07/25/2024



#58
Fluorene
Concen: 48.548 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

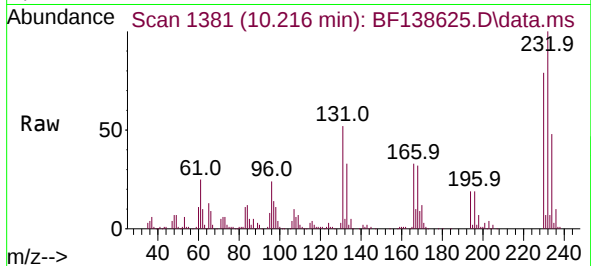
Tgt Ion:166 Resp: 505047
Ion Ratio Lower Upper
166 100
165 97.8 79.1 118.7
167 13.4 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.336 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

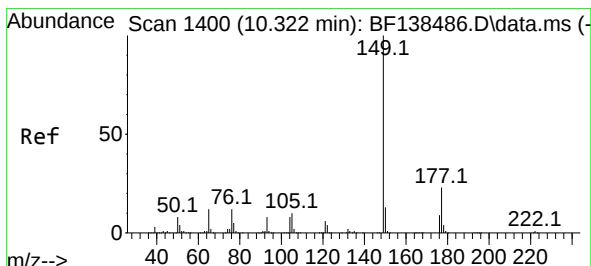
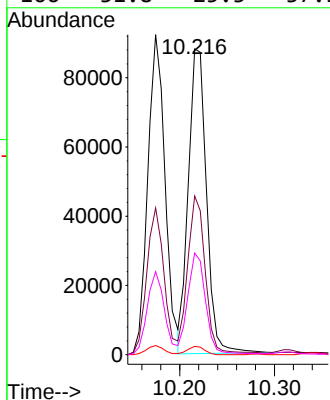
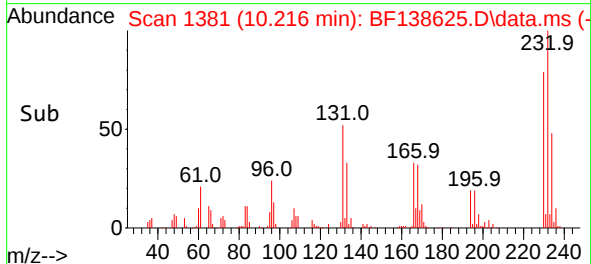


Tgt Ion:232 Resp: 117369
Ion Ratio Lower Upper
232 100
131 50.3 37.5 56.3
130 2.5 2.0 3.0
166 31.8 25.3 37.9

Manual Integrations
APPROVED

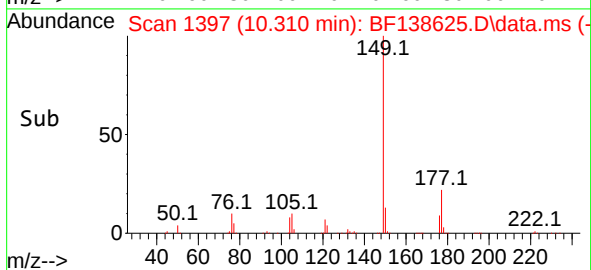
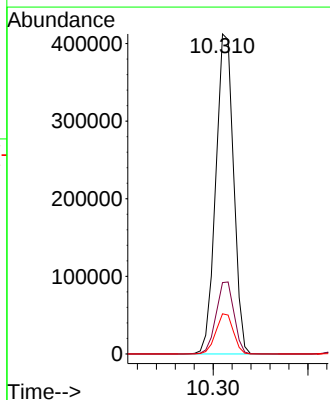
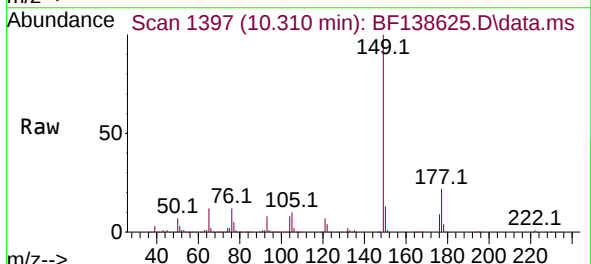
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

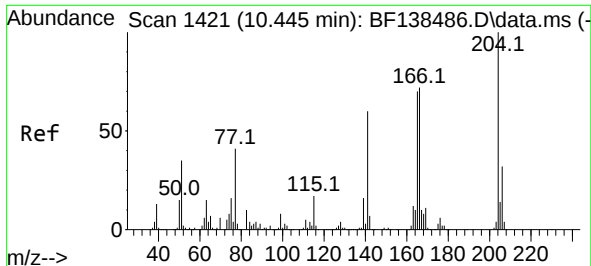
Supervised By :mohammad
ahmed
07/25/2024



#60
Diethylphthalate
Concen: 51.450 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

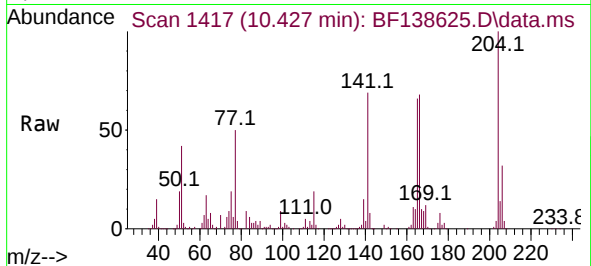
Tgt Ion:149 Resp: 538042
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 47.211 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

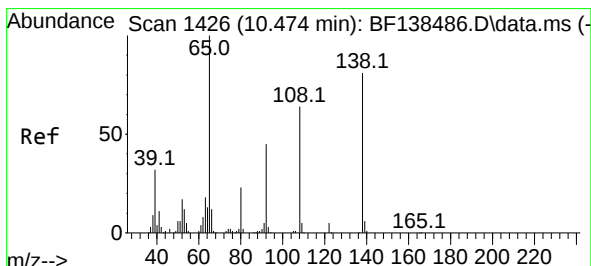
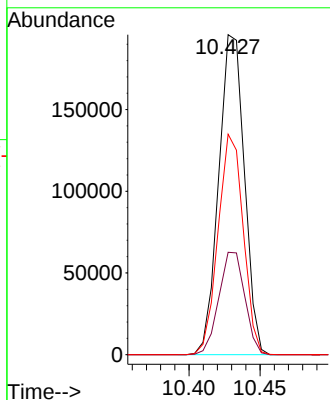
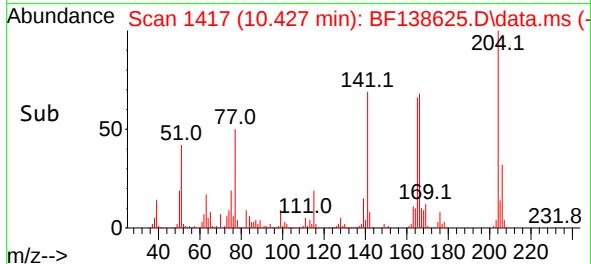


Tgt Ion:204 Resp: 24662
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 68.9 47.7 71.5

Manual Integrations
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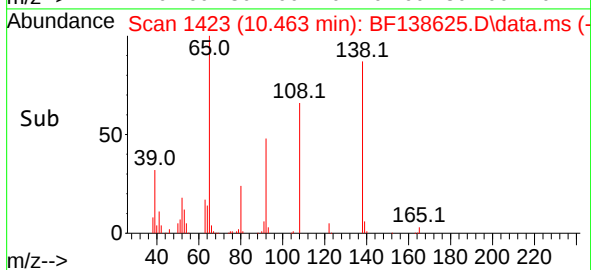
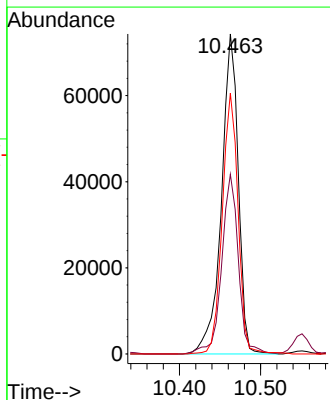
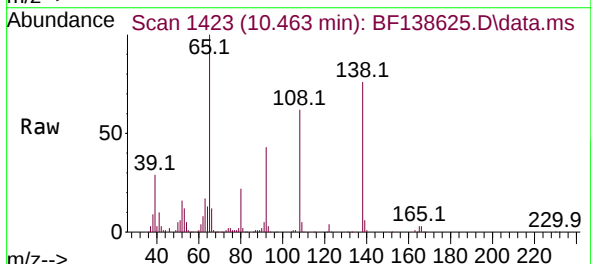
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

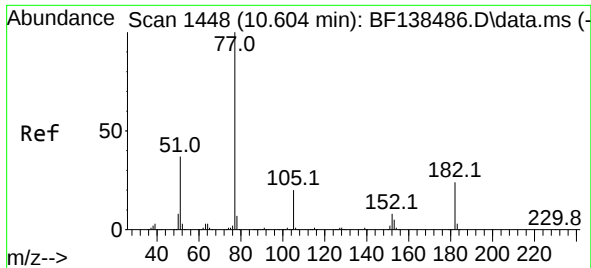
Supervised By :mohammad
ahmed
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#62
4-Nitroaniline
Concen: 41.788 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

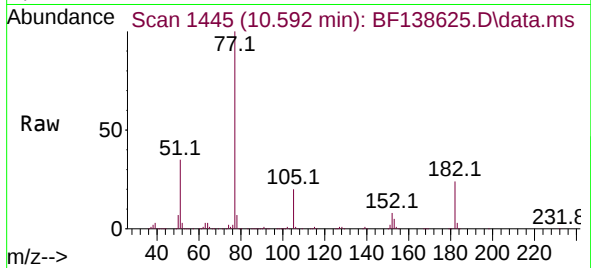
Tgt Ion:138 Resp: 107195
Ion Ratio Lower Upper
138 100
92 56.2 35.8 75.8
108 81.5 59.8 99.8





#63
Azobenzene
Concen: 51.064 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

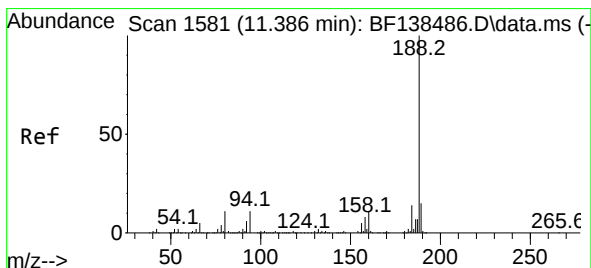
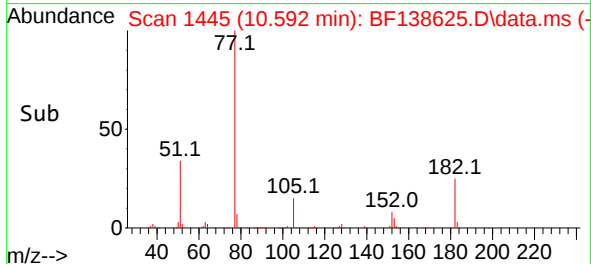
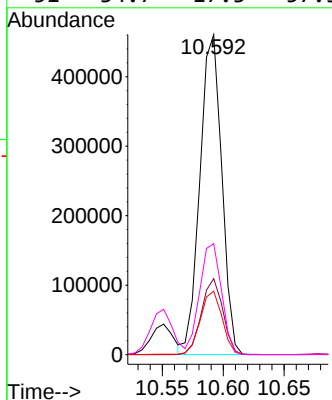


Tgt Ion: 77 Resp: 57413
Ion Ratio Lower Upper
77 100
182 23.7 3.8 43.8
105 19.9 0.0 39.8
51 34.7 17.3 57.3

Manual Integrations
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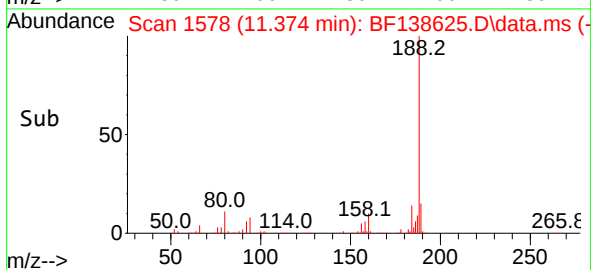
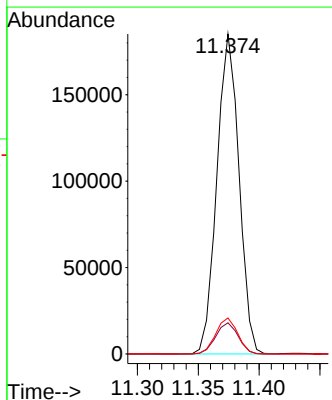
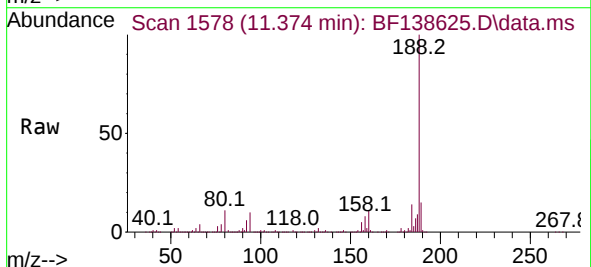
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

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ahmed
07/25/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:188 Resp: 234025
Ion Ratio Lower Upper
188 100
94 9.8 8.7 13.1
80 11.3 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 57.035 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

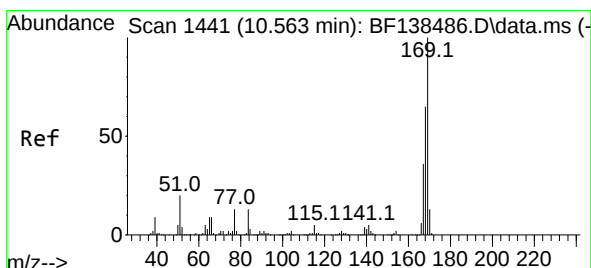
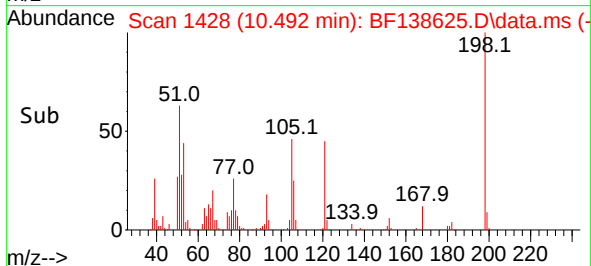
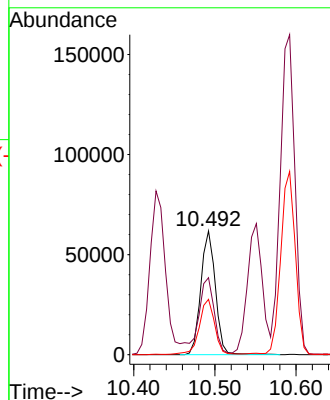
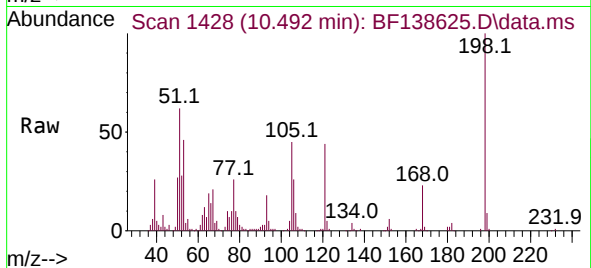
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:198 Resp: 7707
Ion Ratio Lower Upper
198 100
51 62.3 27.2 67.2
105 44.7 18.5 58.5

Manual Integrations
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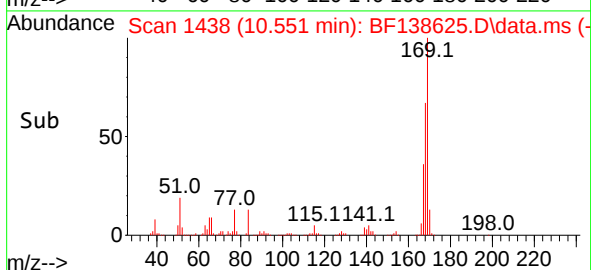
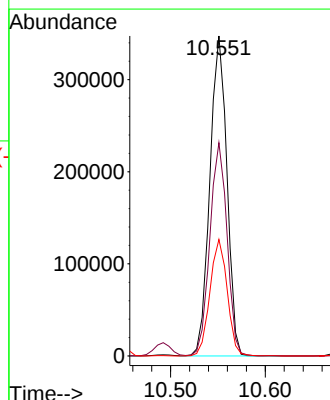
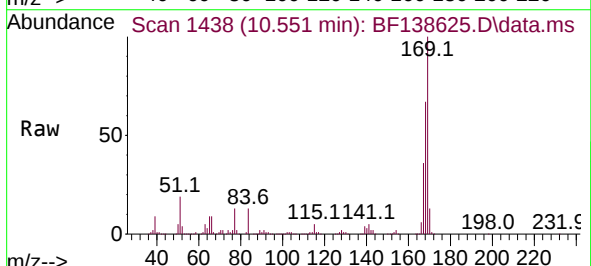
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
ahmed
07/25/2024



#66
n-Nitrosodiphenylamine
Concen: 61.702 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:169 Resp: 432629
Ion Ratio Lower Upper
169 100
168 66.7 51.7 77.5
167 36.4 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 58.562 ng
RT: 10.922 min Scan# 1510
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

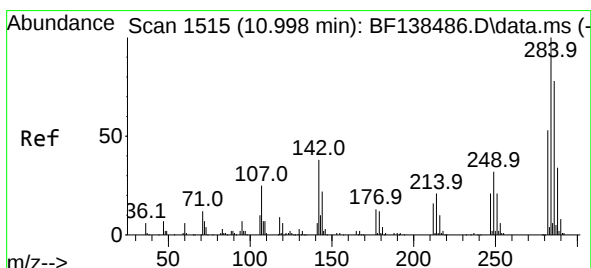
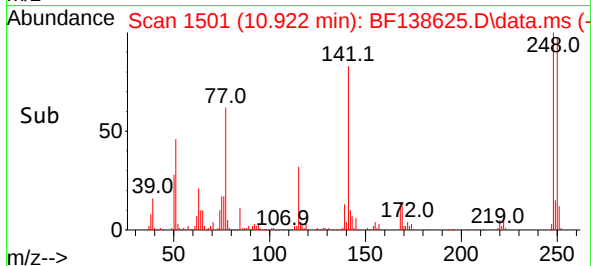
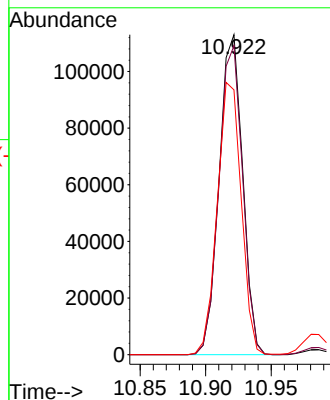
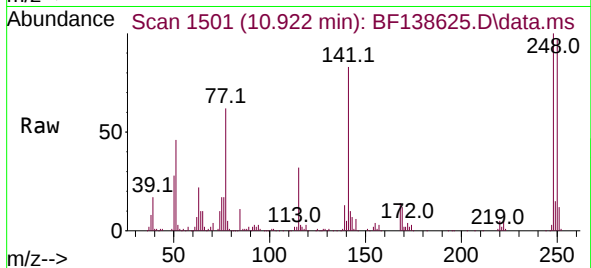
Tgt Ion:248 Resp: 140862
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 82.7 67.7 101.5

Manual Integrations

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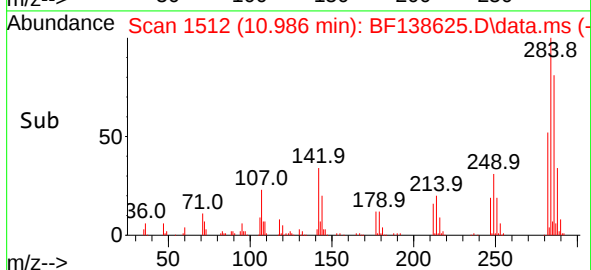
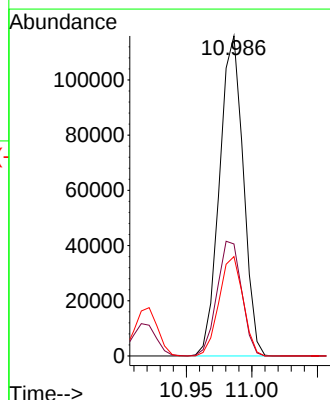
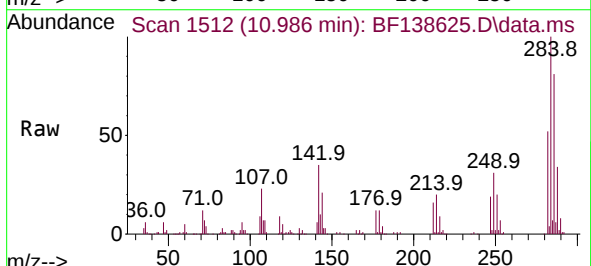
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

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ahmed
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#68
Hexachlorobenzene
Concen: 54.696 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:284 Resp: 146157
Ion Ratio Lower Upper
284 100
142 35.0 30.5 45.7
249 31.1 25.9 38.9





#69

Atrazine

Concen: 53.484 ng

RT: 11.074 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion:200 Resp: 12433

Ion Ratio Lower Upper

200 100

173 26.2 4.1 44.1

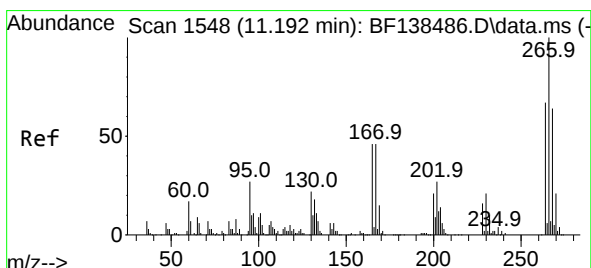
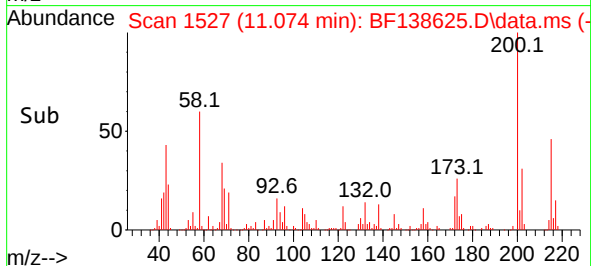
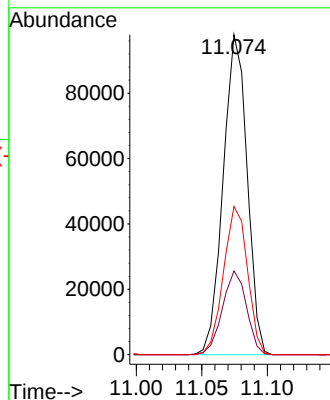
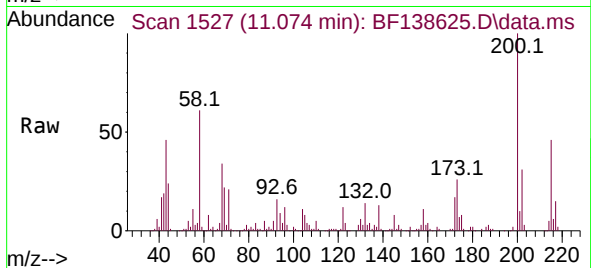
215 46.3 26.5 66.5

Manual Integrations

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Supervised By :mohammad ahmed 07/30/2024

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ahmed
07/25/2024



#70

Pentachlorophenol

Concen: 82.259 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

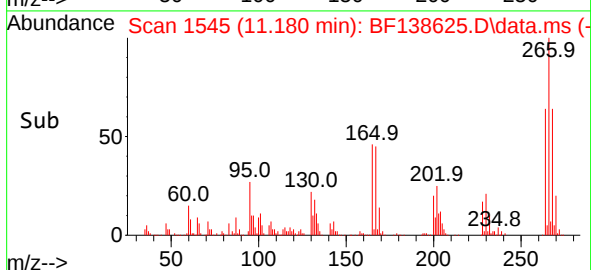
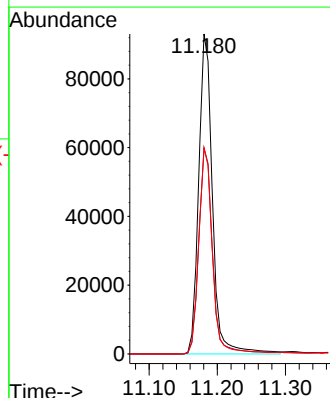
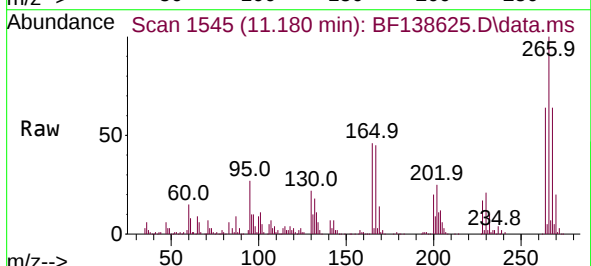
Tgt Ion:266 Resp: 130067

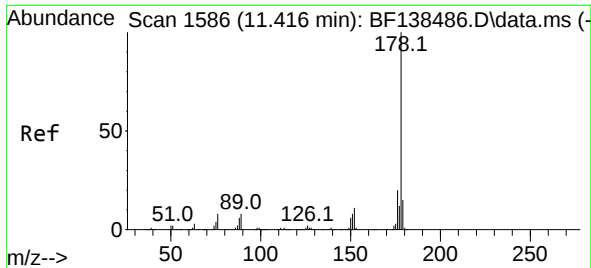
Ion Ratio Lower Upper

266 100

268 64.3 50.9 76.3

264 64.4 53.5 80.3





#71
Phenanthrene
Concen: 53.959 ng
RT: 11.398 min Scan# 1586
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

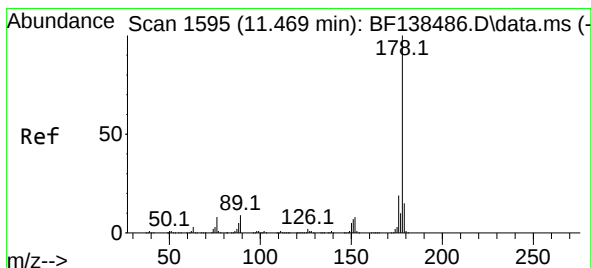
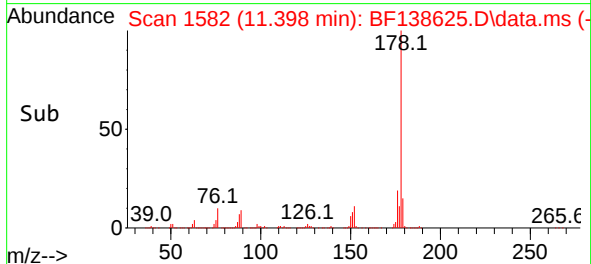
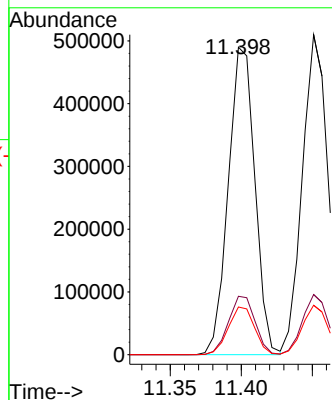
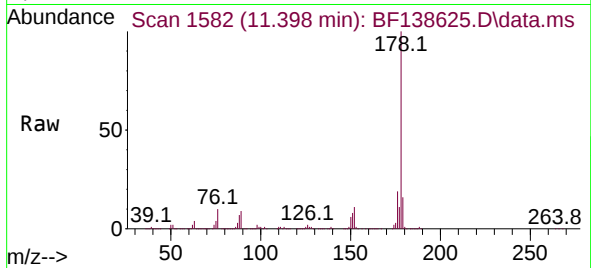
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:178 Resp: 637962
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.5 12.2 18.2

Manual Integrations
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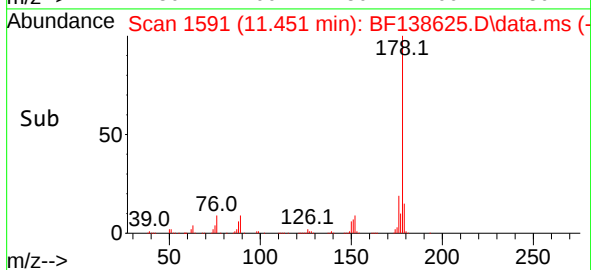
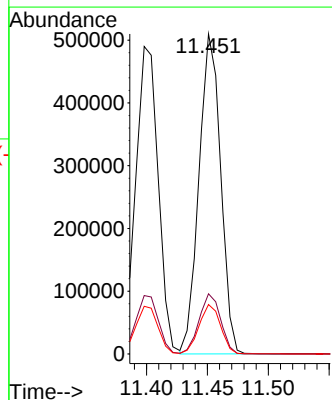
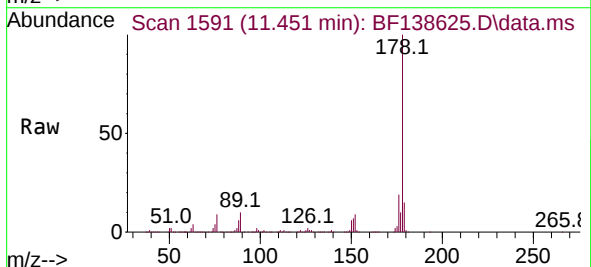
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

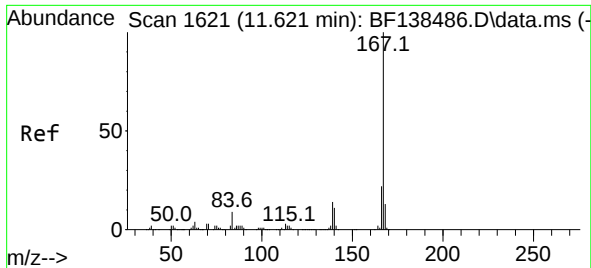
Supervised By :mohammad
ahmed
07/25/2024



#72
Anthracene
Concen: 53.882 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

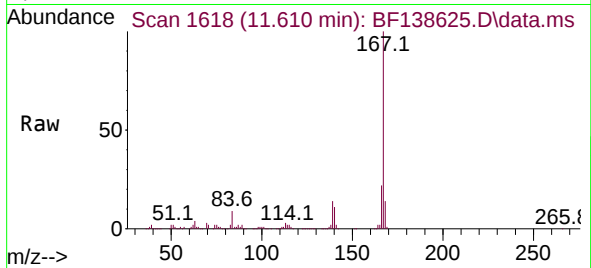
Tgt Ion:178 Resp: 632384
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.2 18.4





#73
Carbazole
Concen: 46.904 ng
RT: 11.610 min Scan# 1618
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

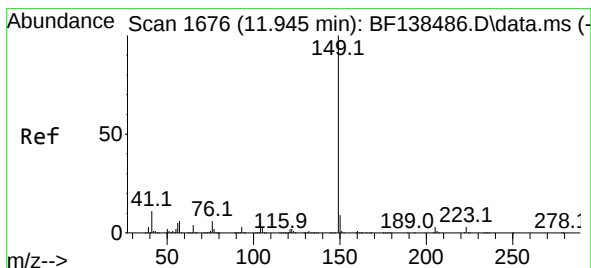
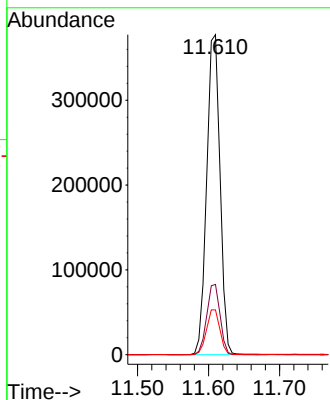
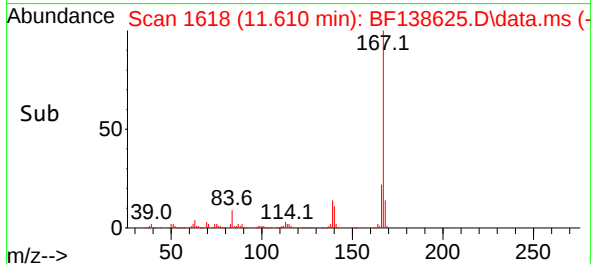


Tgt Ion:167 Resp: 494700
Ion Ratio Lower Upper
167 100
166 22.0 17.8 26.6
139 14.0 11.0 16.4

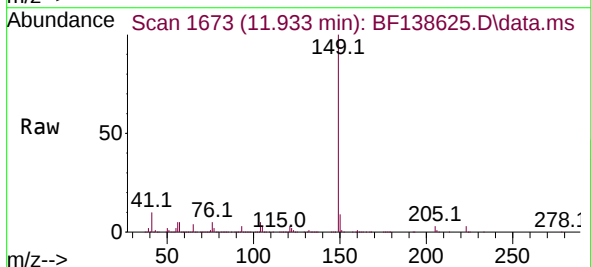
Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

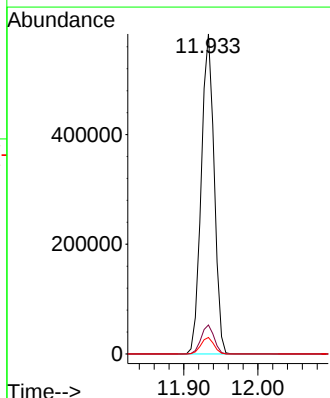
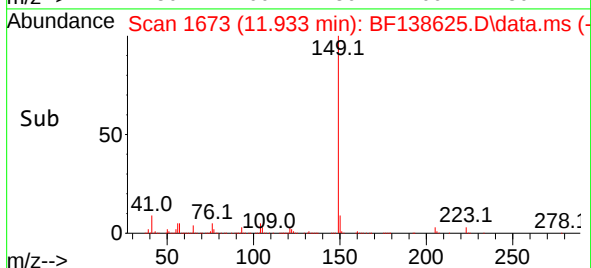
Supervised By :mohammad
ahmed
07/25/2024

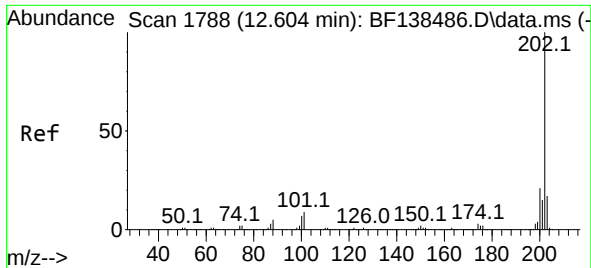


#74
Di-n-butylphthalate
Concen: 58.151 ng
RT: 11.933 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35



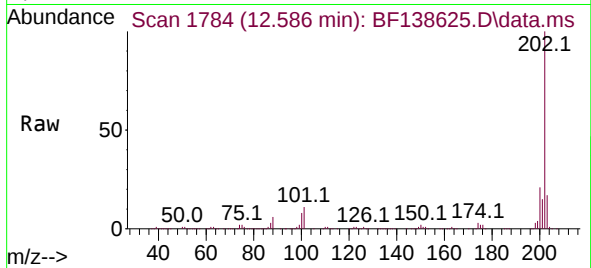
Tgt Ion:149 Resp: 706960
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 41.598 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

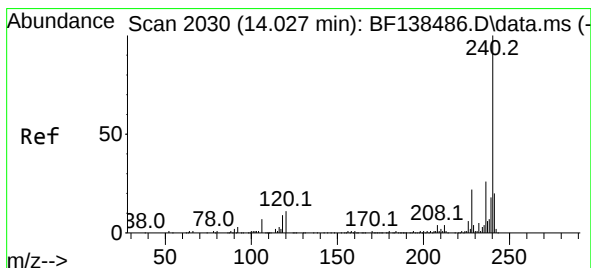
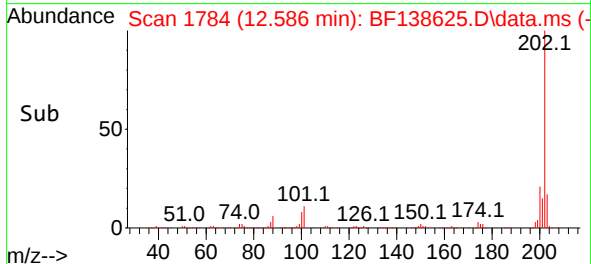
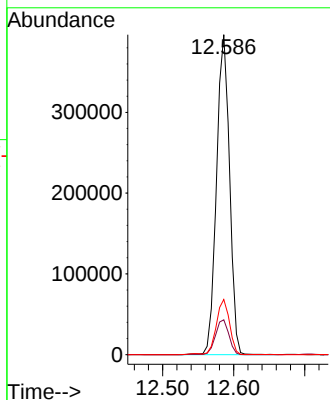


Tgt Ion:202 Resp: 50185
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.2
203 17.3 0.0 37.3

Manual Integrations
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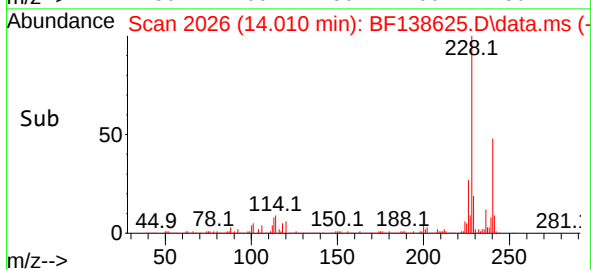
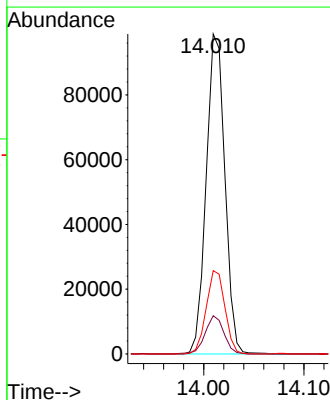
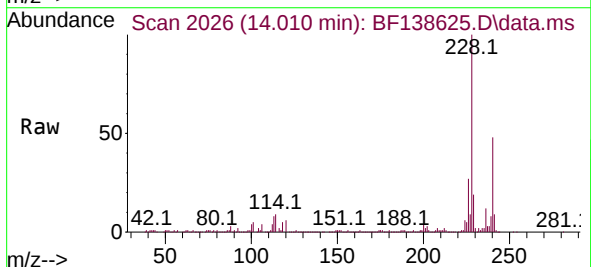
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

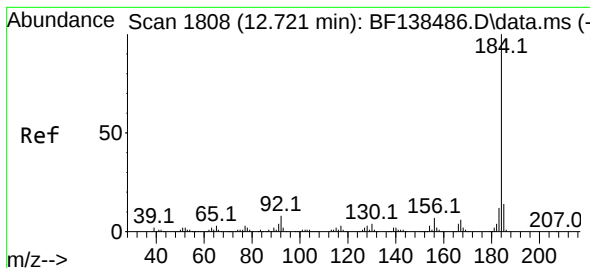
Supervised By :mohammad
ahmed
07/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

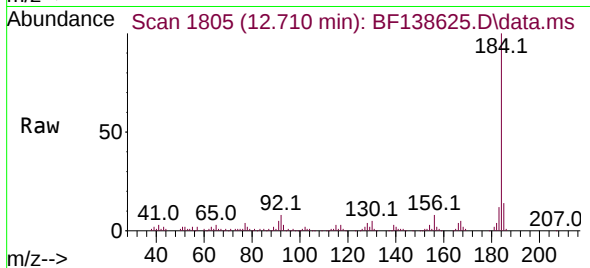
Tgt Ion:240 Resp: 128322
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 26.0 21.0 31.6





#77
Benzidine
Concen: 31.837 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

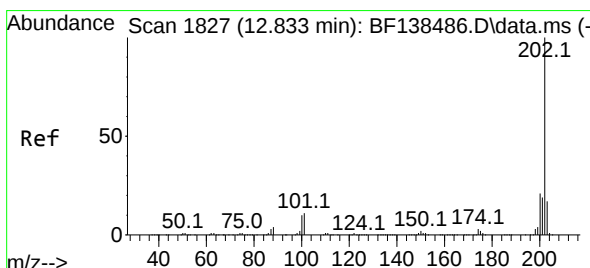
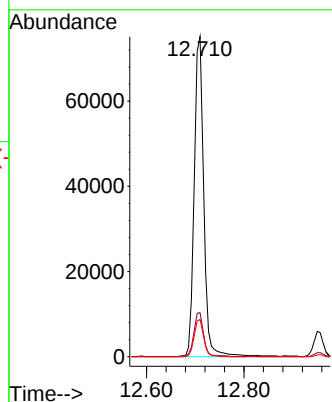


Tgt Ion:184 Resp: 103071
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 11.6 9.5 14.3

Manual Integrations
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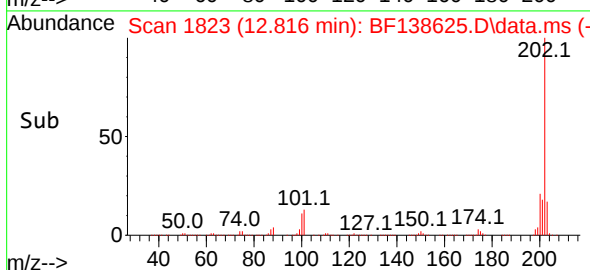
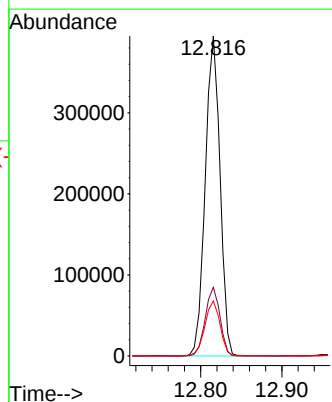
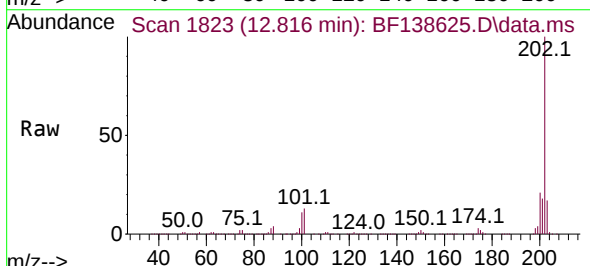
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

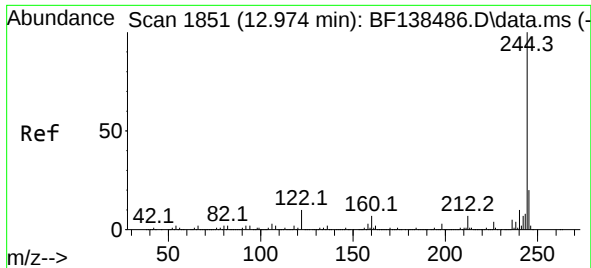
Supervised By :mohammad
ahmed
07/25/2024



#78
Pyrene
Concen: 38.216 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

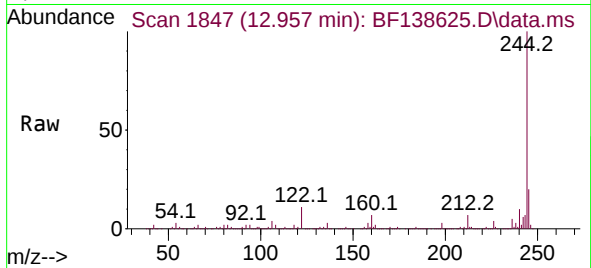
Tgt Ion:202 Resp: 497822
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.2 13.7 20.5





#79
 Terphenyl-d14
 Concen: 67.304 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.018 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35

Instrument :
 BNA_F
 ClientSampleId :
 285-290MS

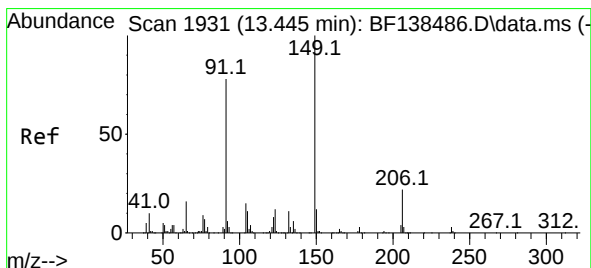
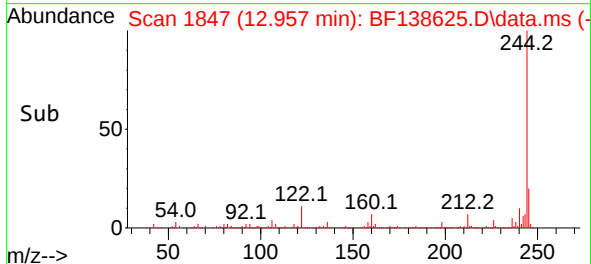
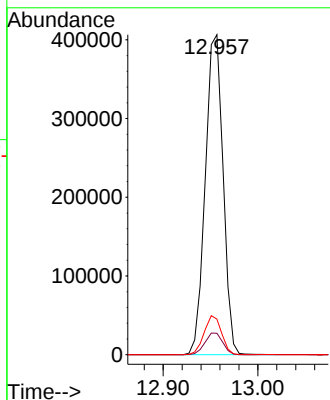


Tgt Ion:244 Resp: 530135
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.1 7.8 11.8

Manual Integrations
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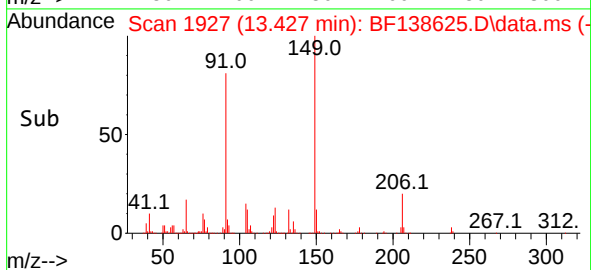
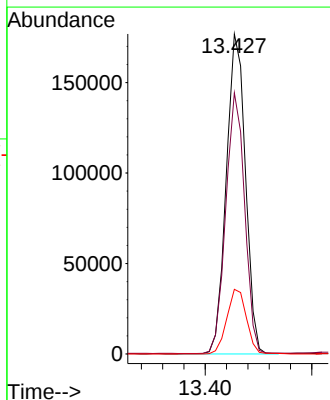
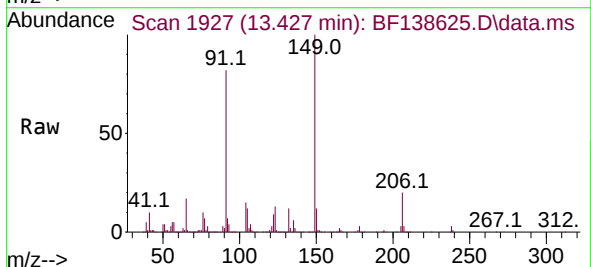
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

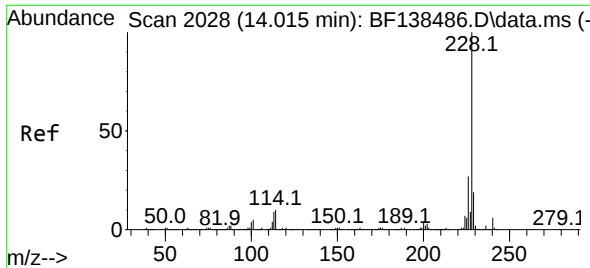
Supervised By :mohammad
 ahmed
 07/25/2024



#80
 Butylbenzylphthalate
 Concen: 56.463 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.018 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35

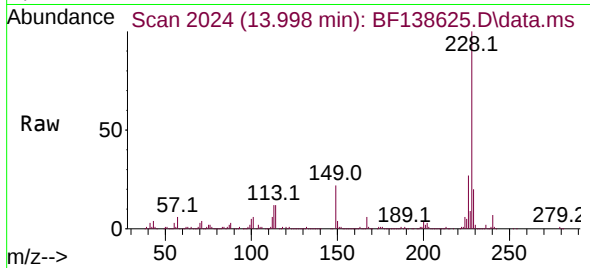
Tgt Ion:149 Resp: 221257
 Ion Ratio Lower Upper
 149 100
 91 81.6 62.1 93.1
 206 20.2 18.0 27.0





#81
Benzo(a)anthracene
Concen: 54.684 ng
RT: 13.998 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

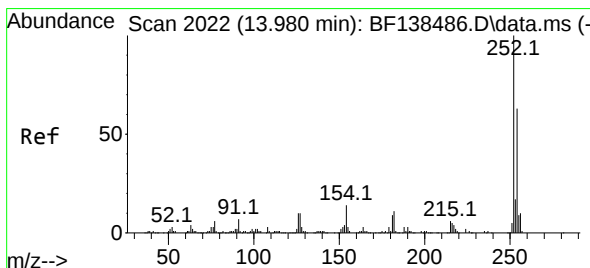
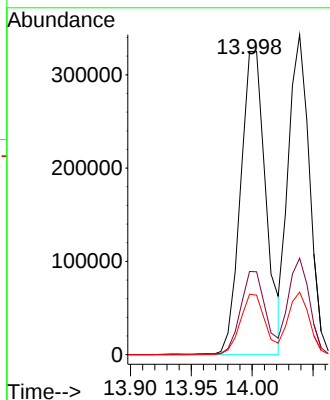
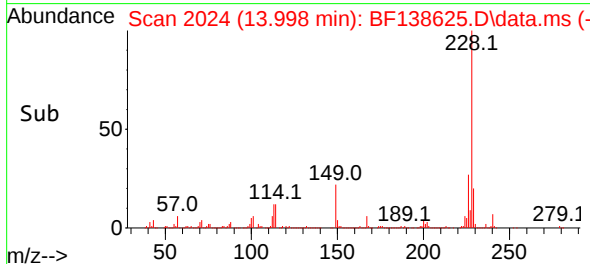


Tgt Ion:228 Resp: 470848
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.9 15.5 23.3

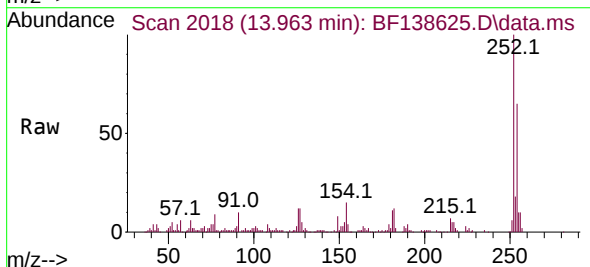
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

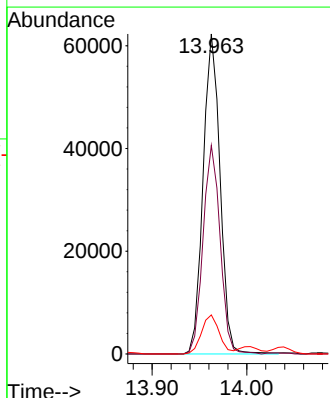
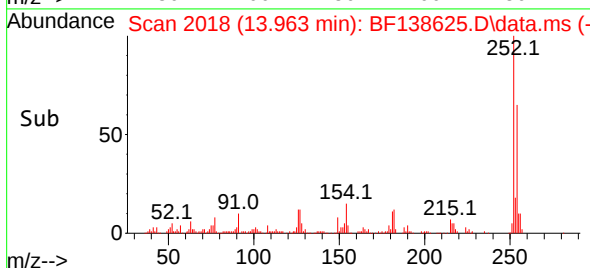
Supervised By :mohammad
ahmed
07/25/2024

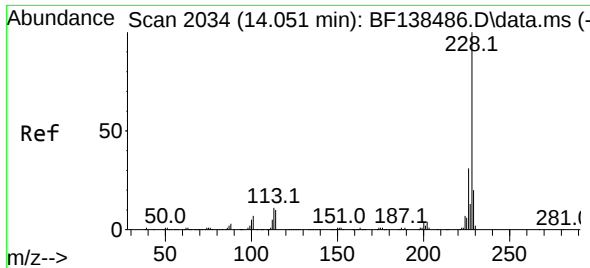


#82
3,3'-Dichlorobenzidine
Concen: 34.965 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35



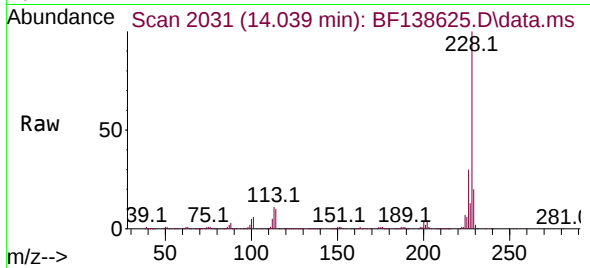
Tgt Ion:252 Resp: 77576
Ion Ratio Lower Upper
252 100
254 65.2 50.3 75.5
126 12.2 8.1 12.1#





#83
Chrysene
Concen: 51.077 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

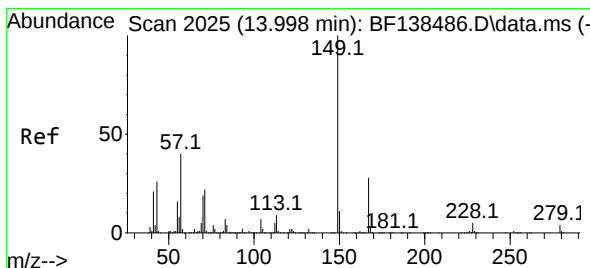
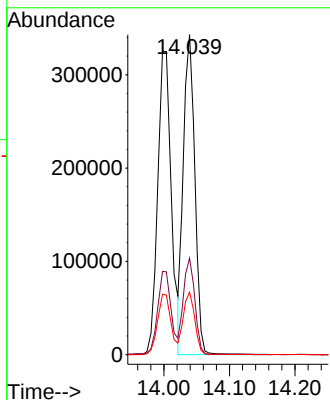
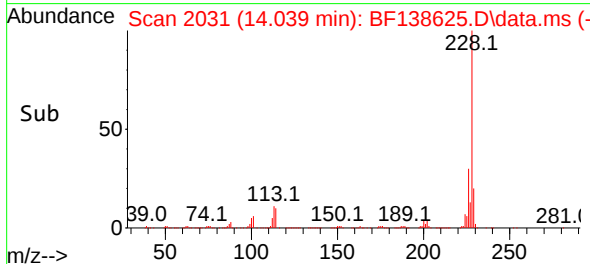


Tgt Ion:228 Resp: 416049
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.5 16.0 24.0

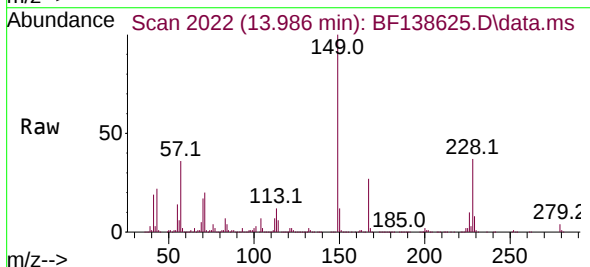
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

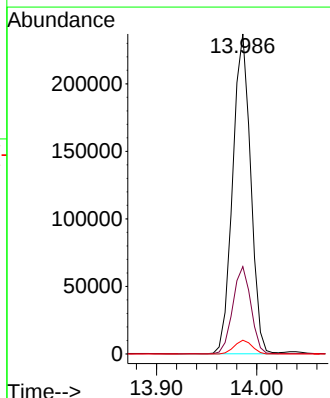
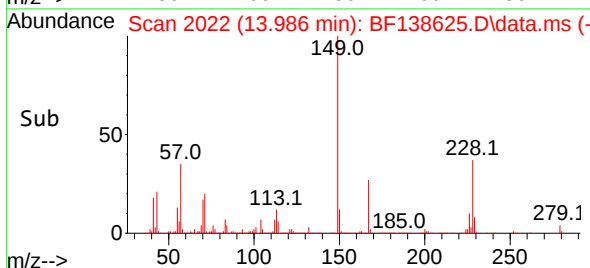
Supervised By :mohammad
ahmed
07/25/2024

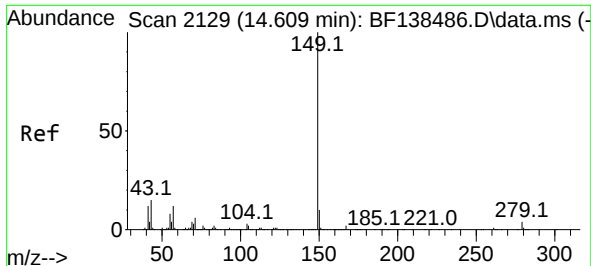


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.716 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35



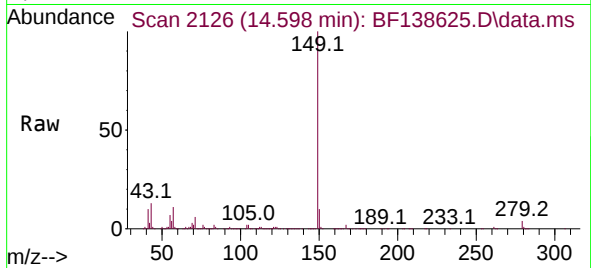
Tgt Ion:149 Resp: 295540
Ion Ratio Lower Upper
149 100
167 27.3 22.5 33.7
279 4.3 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 80.662 ng
RT: 14.598 min Scan# 2126
Delta R.T. -0.011 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

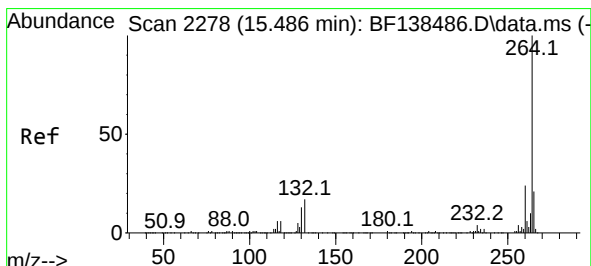
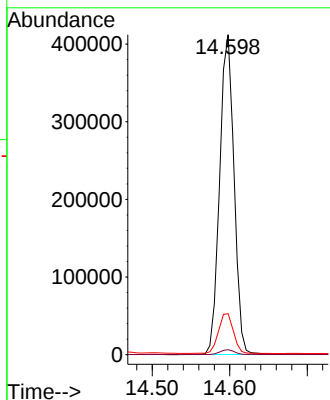
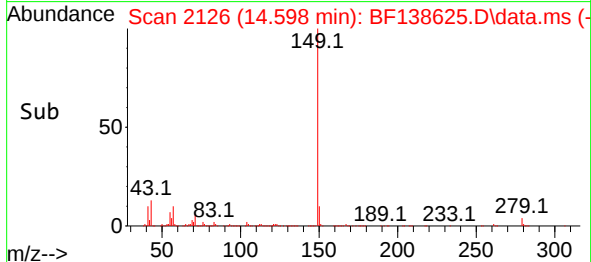


Tgt Ion:149 Resp: 532544
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 13.0 10.7 16.1

Manual Integrations
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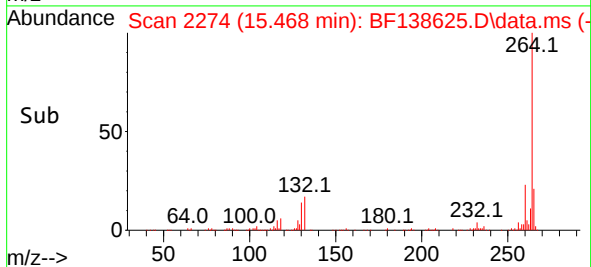
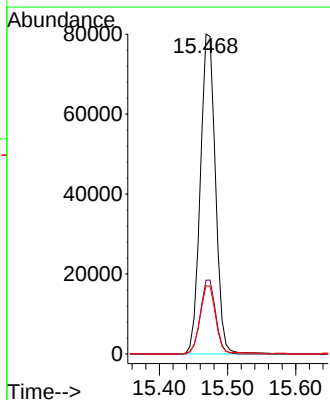
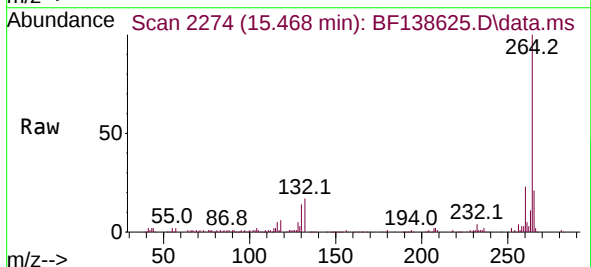
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

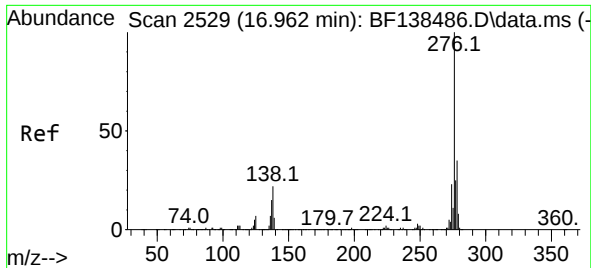
Supervised By :mohammad
ahmed
07/25/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:264 Resp: 123413
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 21.3 17.0 25.4





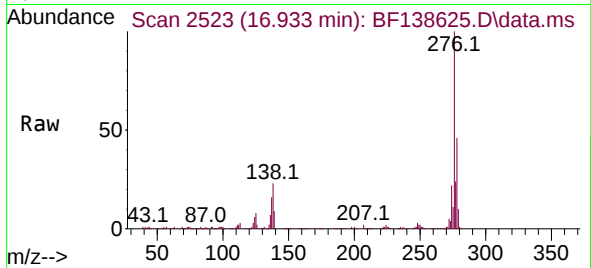
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.168 ng
 RT: 16.933 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS



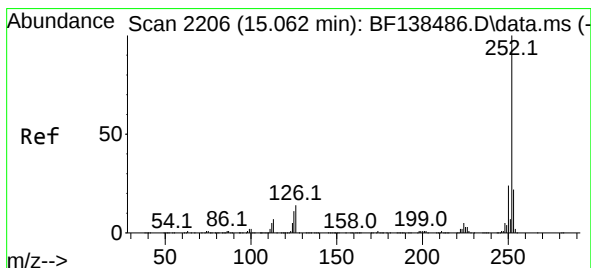
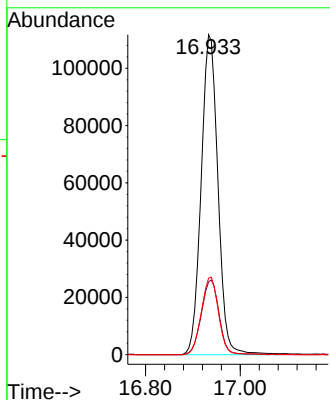
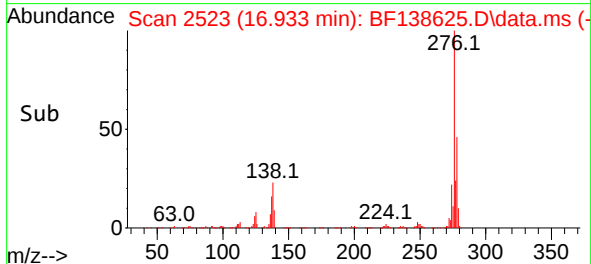
Tgt Ion:276 Resp: 274952
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.6 29.4
 277 24.9 20.5 30.7

Manual Integrations

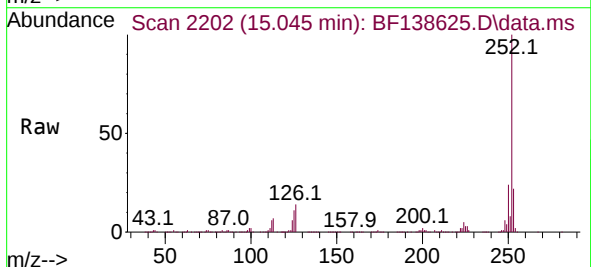
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

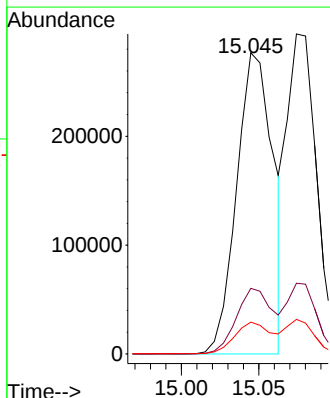
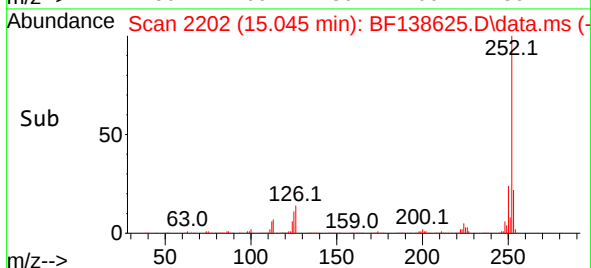
Supervised By :mohammad
 ahmed
 07/25/2024

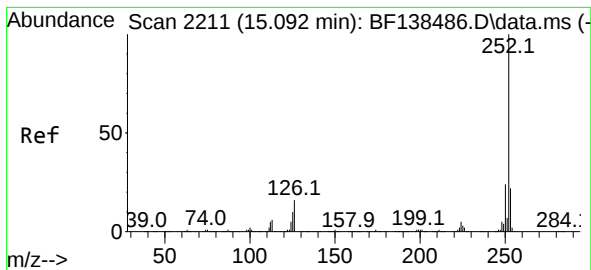


#88
 Benzo(b)fluoranthene
 Concen: 65.189 ng
 RT: 15.045 min Scan# 2202
 Delta R.T. -0.018 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35



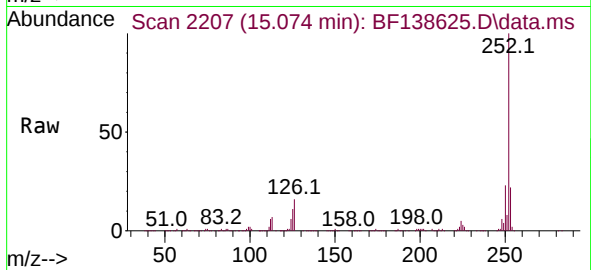
Tgt Ion:252 Resp: 453078
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 10.6 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 57.082 ng
RT: 15.074 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

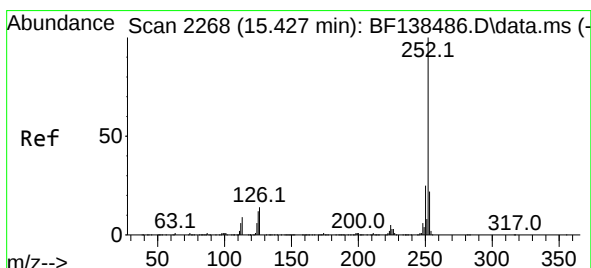
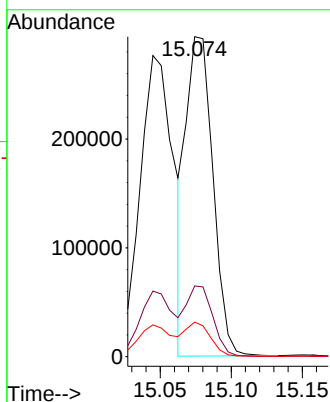
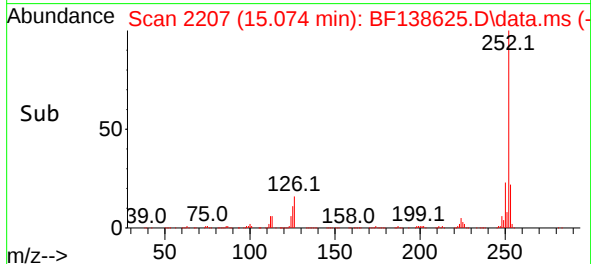


Tgt Ion:252 Resp: 386930
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.8 8.1 12.1

Manual Integrations
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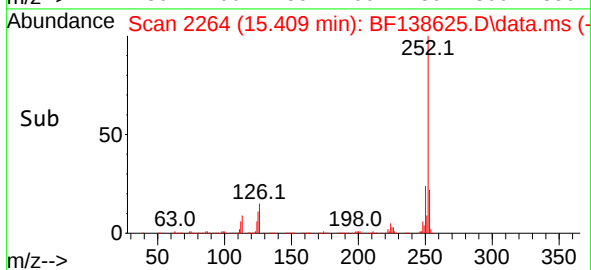
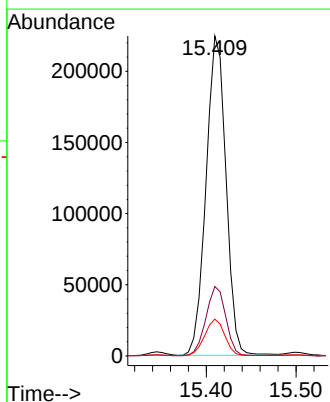
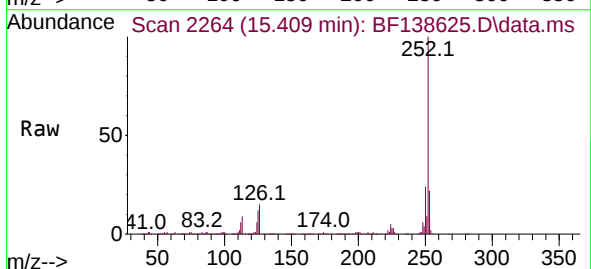
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

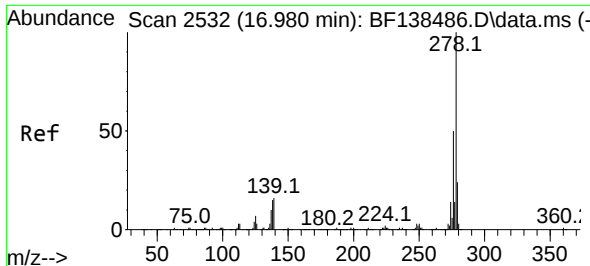
Supervised By :mohammad
ahmed
07/25/2024



#90
Benzo(a)pyrene
Concen: 56.762 ng
RT: 15.409 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:252 Resp: 346563
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 11.5 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 32.744 ng

RT: 16.951 min Scan# 2526

Delta R.T. -0.029 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

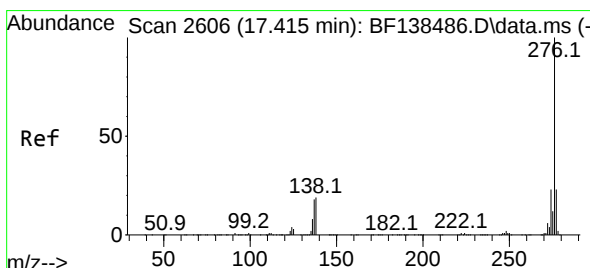
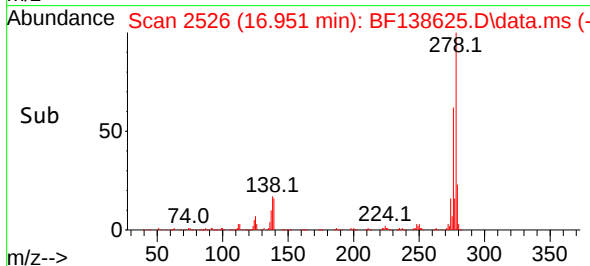
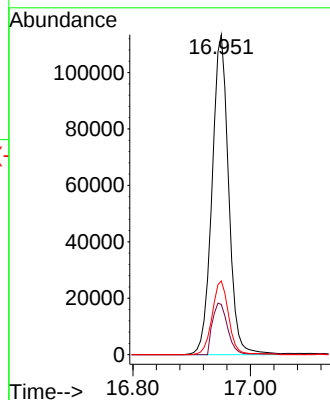
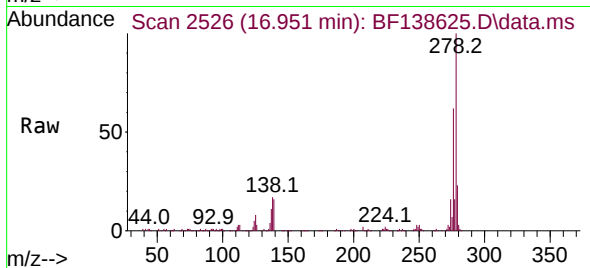
Tgt Ion:	278	Resp:	22204
Ion Ratio	Lower	Upper	
278	100		
139	15.7	12.8	19.2
279	23.1	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

Supervised By :mohammad
ahmed
07/25/2024



#92

Benzo(g,h,i)perylene

Concen: 28.615 ng

RT: 17.374 min Scan# 2598

Delta R.T. -0.041 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Tgt Ion:	276	Resp:	205760
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.0	27.0
138	20.5	15.5	23.3

